



WDL and WDL RM, WDL US, WDL U1 WDL XT, WDL Value, WDL (2009)

Click the appropriate link below for the major component of the liftgate for which you are trying to find the correct part. If you are unsure of the name of the part in Waltco terminology, click the "Liftgate Terminology" link and it will take you to a document showing a picture of the liftgate with the common Waltco names for each of the parts.

WDL and
WDL RM

WDLUS

WDLU1

WDLXT

WDL Value

WDL (2009)

WDL Liftgate Terminology

WDL & WDL RM
WDL US
WDL U1
WDL XT
WDL Value Line
WDL (2009)

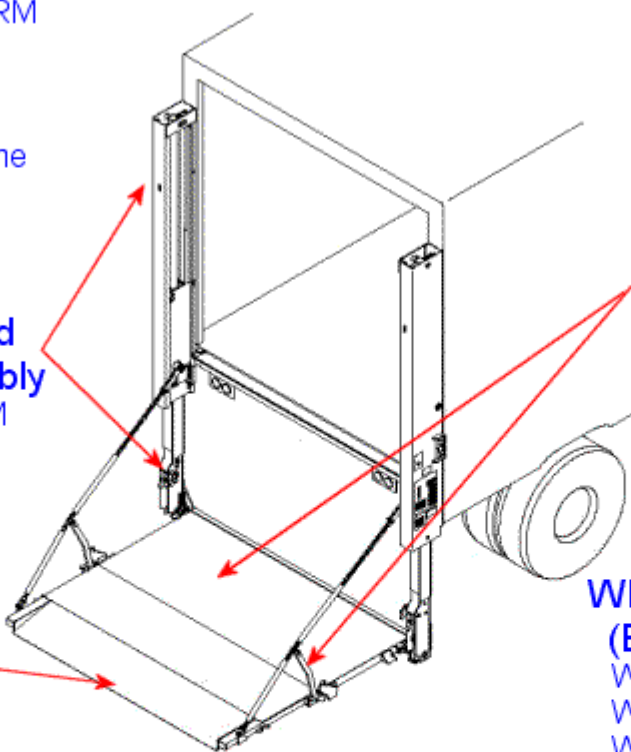
Tech Tips

Main Frame and Runner Assembly

WDL & WDL RM
WDL US
WDL U1
WDL XT
WDL Value Line
WDL (2009)

Ramps

WDL & WDL RM
WDL Value Line
WDL (2009)



Platform and Linkage

WDL & WDLRM
WDL US
WDL U1
WDL XT
WDL Value Line
WDL (2009)

WDLBG Platform/Runners (Bottled Gas)

WDL & WDL RM
WDL US
WDL Value Line
WDL (2009)

Hydraulics and Controls

WDL & WDL RM
WDL US
WDL U1
WDL XT
WDL Value Line
WDL (2009)

Pumps and Cylinders

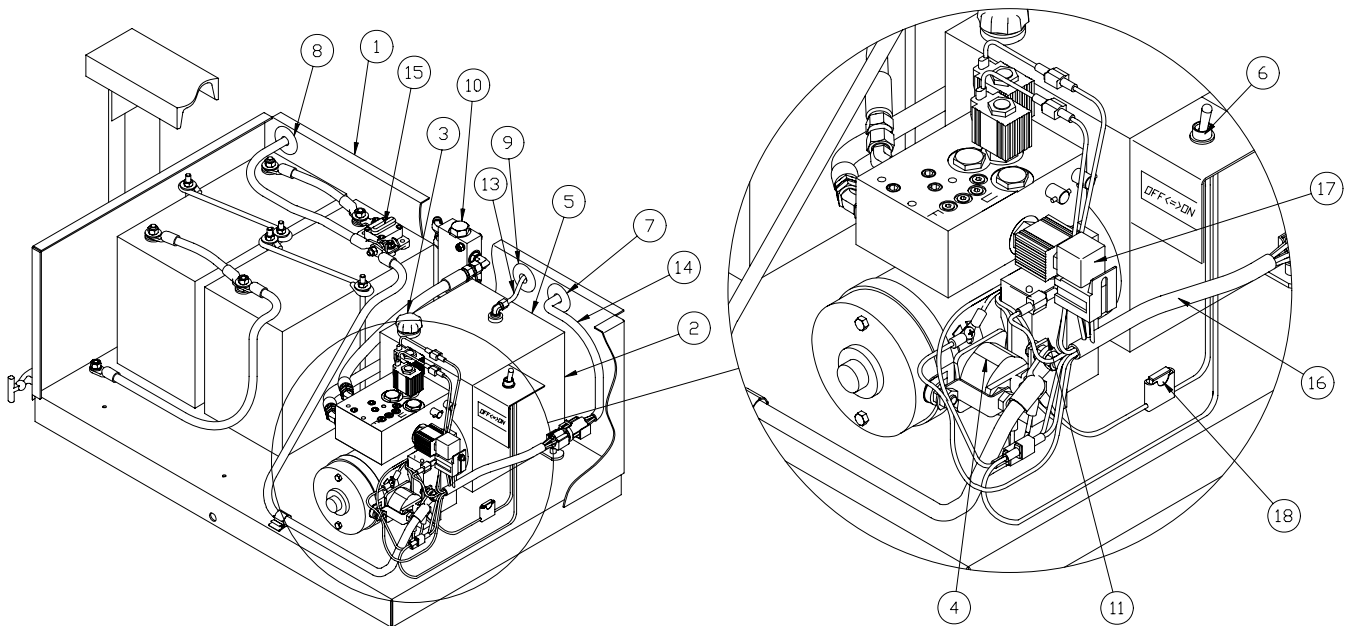
WDL & WDL RM
WDL US
WDL U1
WDL XT
WDL Value Line
WDL (2009)

Schematics

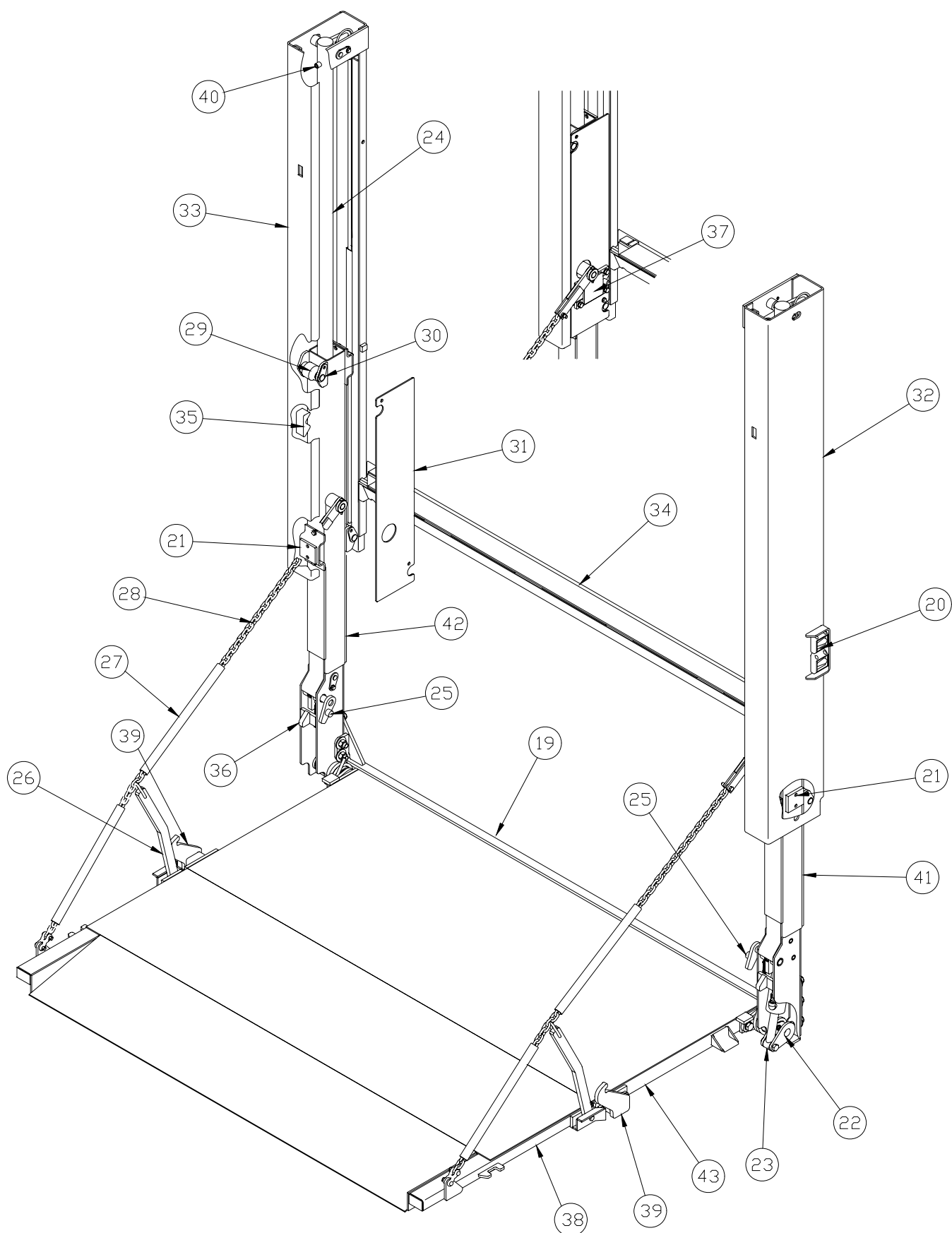
WDL & WDL RM
WDL US
WDL U1
WDL XT
WDL Value Line
WDL (2009)

WDL & WDL RM LIFTGATE TERMINOLOGY

1. Hydraulic Enclosure
2. Pump or Hydraulic Unit
3. Filler/Breather Cap
4. Pump Starter Solenoid
5. Hydraulic Reservoir
6. ON – OFF toggle switch
7. Grommated Hole for Liftgate Wiring Harness
8. Grommated Hole for Battery Cable
9. Grommated Hole for Return Line
10. Flow Divider Valve
11. Thermalpak® with Voltage Guard™
13. Return Line
14. Liftgate Wiring Harness
15. 150 Amp Circuit Breaker
16. Motor Wiring Harness
17. Relay
18. 5 Amp Fuse
19. Equalizer Beam Assembly
20. Control Switches
21. Runner Wear Pad
22. Outer Hub Assembly
23. Closer Cylinder
24. Lift Cylinder
25. Transit Latch Assembly
26. Chain Linkage Bar Assembly
27. Chain Linkage Cover
28. Support Chain
29. Roller Assembly
30. Roller Pin Assembly
31. Runner Guard Plate
32. Curb Side Upright
33. Street Side Upright
34. Crossbeam
35. Upstop
36. Upstop Bar
37. Store Below Bed Lock
38. Deck Extension Assembly
39. Platform Bottom Stop Hook
40. Cylinder Bleeder Port
41. Curb Side Runner Assembly
42. Street Side Runner Assembly
43. Deck Assembly

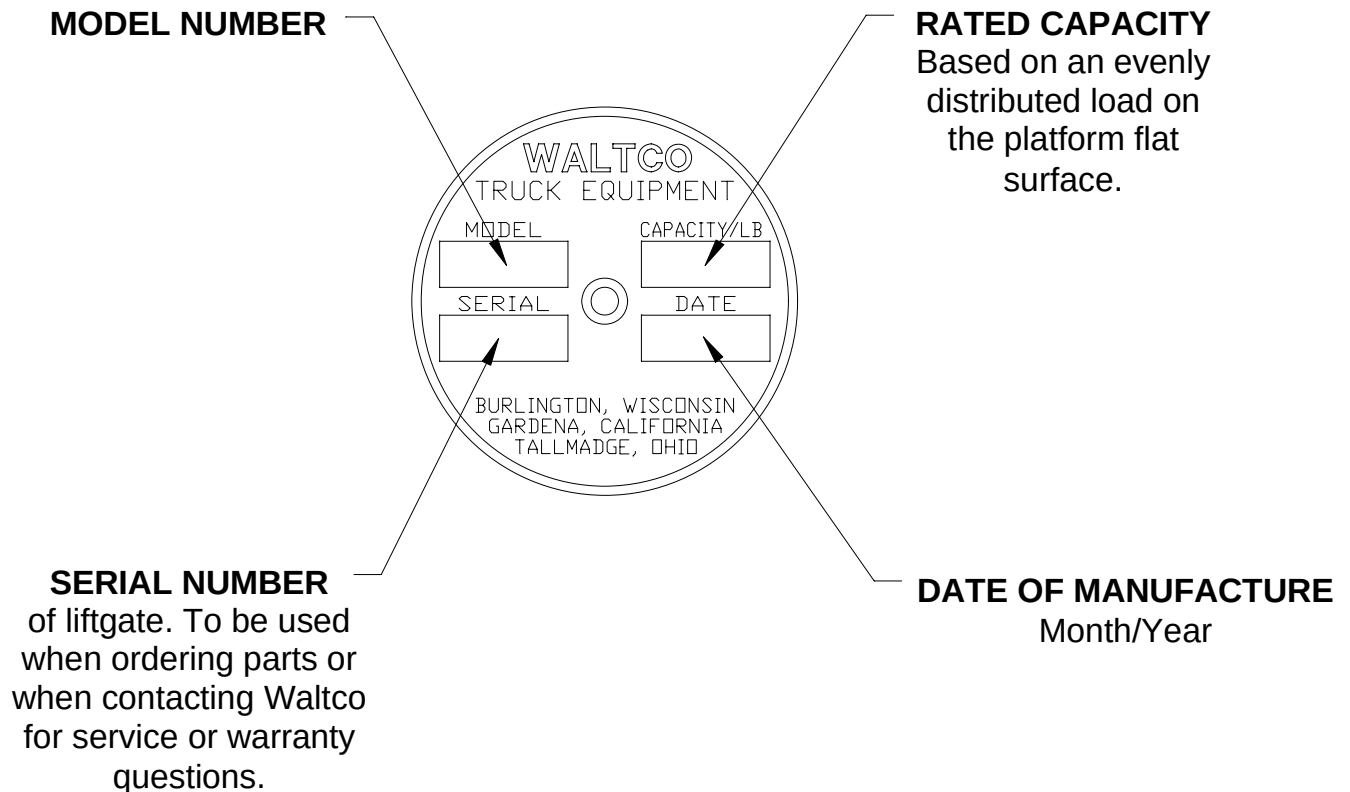


WDL RM LIFTGATE TERMINOLOGY



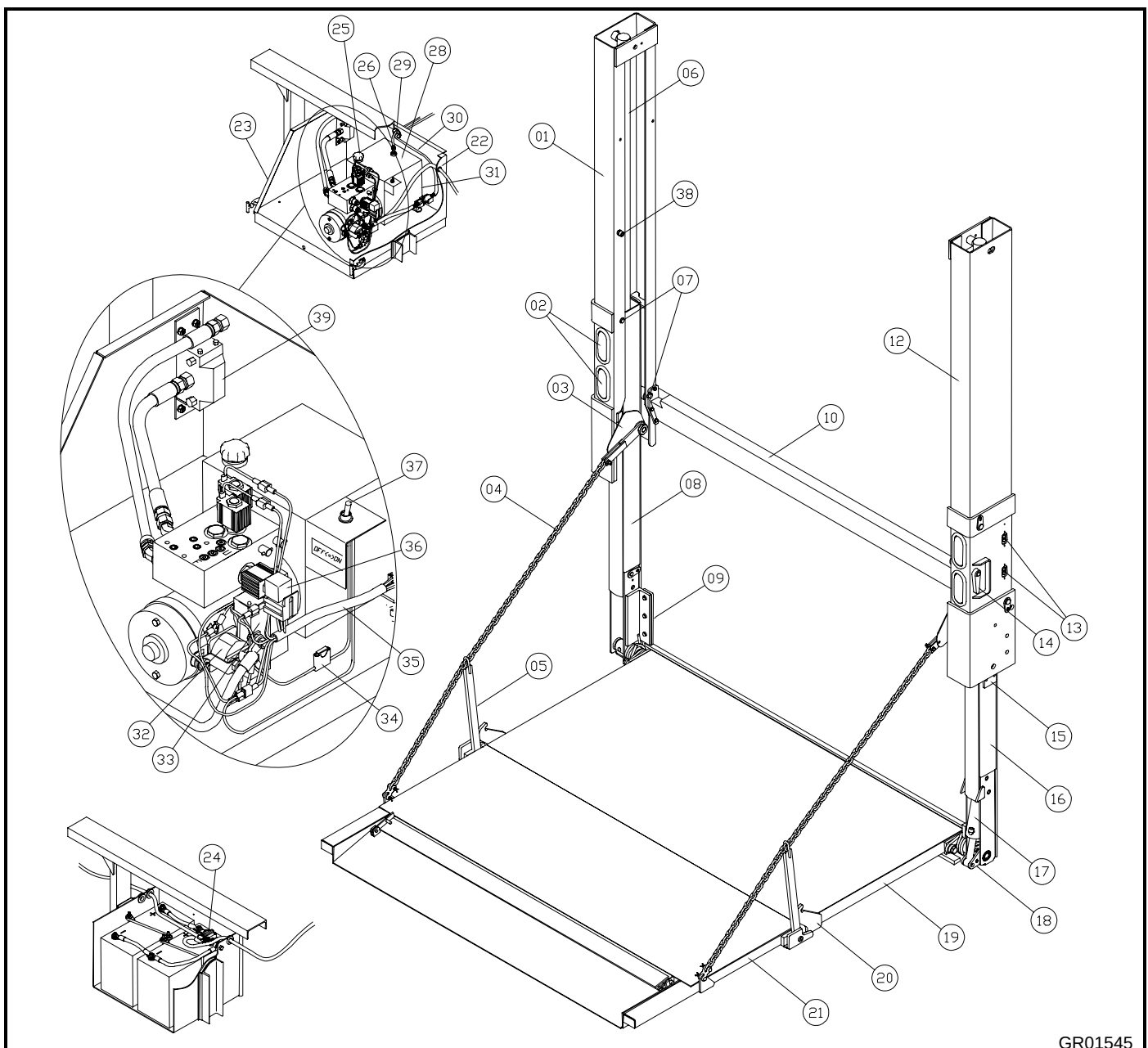
EXPLANATION OF SPECIFICATION TAG

MODEL NO.	MODEL NAME	DESCRIPTION	CAPACITY
313	WDL-35 RM	WDL-35 RM Series (96" Wide)	3500 lb.
314	WDL-45 RM	WDL-45 RM Series (96" Wide)	4500 lb.
315	WDL-55 RM	WDL-55 RM Series (96" Wide)	5500 lb.
316	WDL-66 RM	WDL-66 RM Series (96" Wide)	6600 lb.
323	WDL-35 RM	WDL-35 RM Series (102" Wide)	3500 lb.
324	WDL-45 RM	WDL-45 RM Series (102" Wide)	4500 lb.
325	WDL-55 RM	WDL-55 RM Series (102" Wide)	5500 lb.
326	WDL-66 RM	WDL-66 RM Series (102" Wide)	6600 lb.



WDL US Liftgate Terminology

- | | | |
|------------------------|--------------------------------------|-------------------------------------|
| 1. Driver Side Upright | 14. Latch | 28. Hydraulic Reservoir |
| 2. Lights | 15. Runner Wear Pad | 29. Grommated Hole for Lines |
| 3. Linkage Guard | 16. Curb Side Runner | 30. Liftgate Wiring Harness |
| 4. Support Chain | 17. Closer Cylinder | 31. Pump or Hydraulic Unit |
| 5. Chain Linkage Bar | 18. Outer Hub | 32. Pump Starter Solenoid |
| 6. Lift Cylinder | 19. Main Deck | 33. Thermalpak® with Voltage Guard™ |
| 7. Rollers | 20. Bottom Stop | 34. 5 Amp Fuse |
| 8. Driver Side Runner | 21. Deck Extension | 35. Motor Wiring Harness |
| 9. Equalizer Beam | 22. Grommated Hole for Battery Cable | 36. Relay |
| 10. Sill Extension | 23. Hydraulic Enclosure | 37. ON – OFF Toggle Switch |
| 12. Curb Side Upright | 24. 150 Amp Circuit Breaker | 38. Up-stop bolt |
| 13. Control Switches | 25. Filler / Breather Cap | 39. Flow divider valve |
| | 26. Return Line | |



GR01545

WDL US Liftgate Terminology

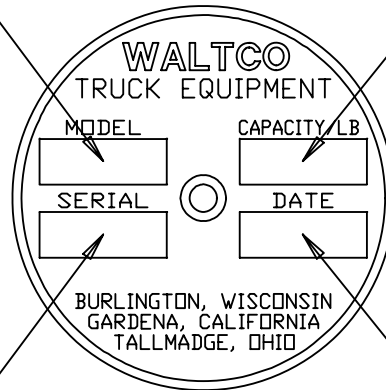
EXPLANATION OF SPECIFICATION TAG

MODEL NO.	MODEL NAME	DESCRIPTION	CAPACITY
313 U	WDL-35 US	WDL-35 US Series (96" Wide)	3500 lb.
314 U	WDL-45 US	WDL-45 US Series (96" Wide)	4500 lb.
315 U	WDL-55 US	WDL-55 US Series (96" Wide)	5500 lb.
316 U	WDL-66 US	WDL-66 US Series (96" Wide)	6600 lb.
323 U	WDL-35 US	WDL-35 US Series (102" Wide)	3500 lb.
324 U	WDL-45 US	WDL-45 US Series (102" Wide)	4500 lb.
325 U	WDL-55 US	WDL-55 US Series (102" Wide)	5500 lb.
326 U	WDL-66 US	WDL-66 US Series (102" Wide)	6600 lb.

MODEL NUMBER

RATED CAPACITY

Based on an evenly distributed load on the platform flat surface



SERIAL NUMBER

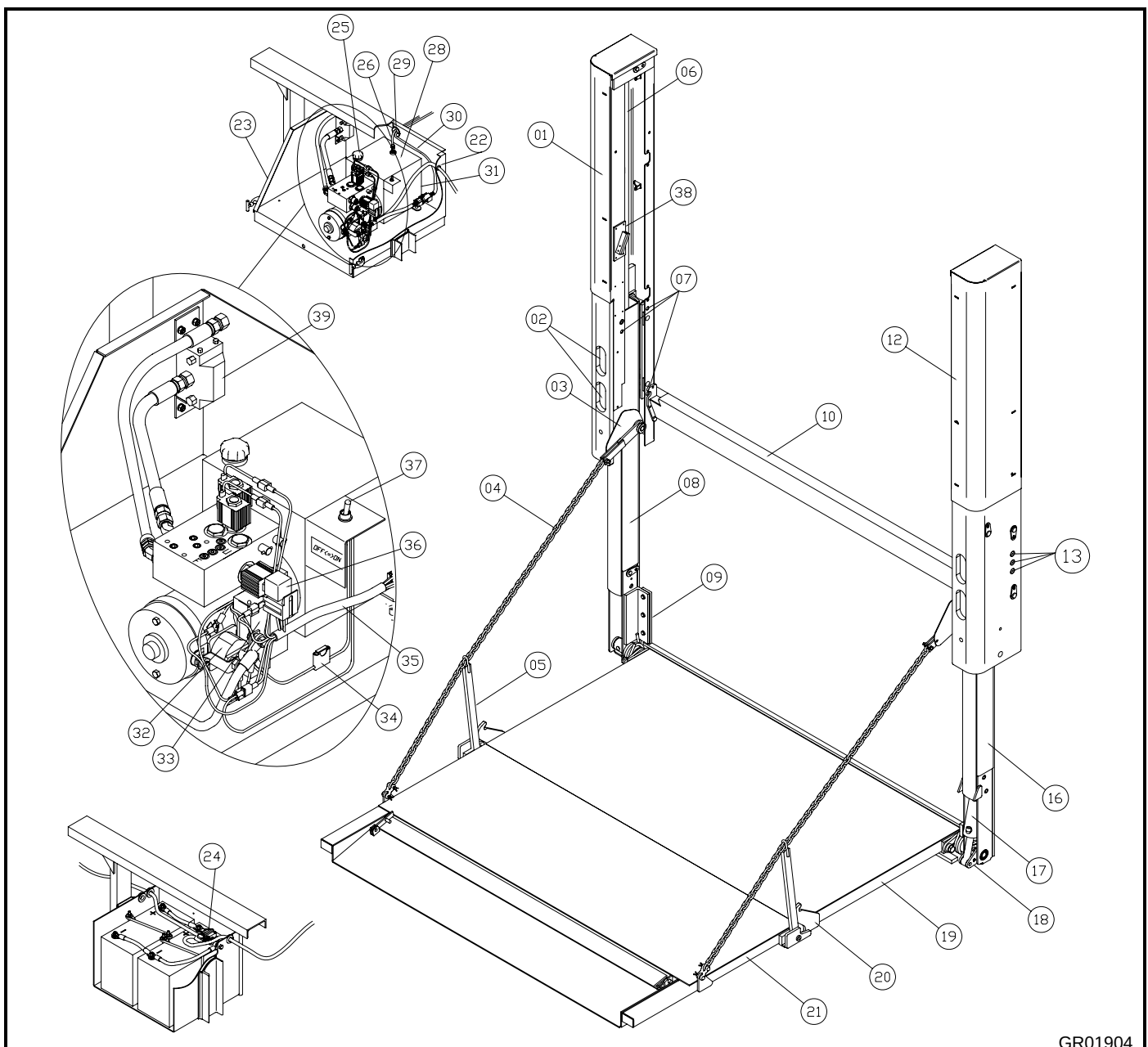
of Liftgate. To be used when ordering parts or when contacting Waltco for service or warranty.

DATE OF MANUFACTURE
MONTH/YEAR

GR00053

WDL U1 Liftgate Terminology

- | | | |
|------------------------|--------------------------------------|-------------------------------------|
| 1. Driver Side Upright | 16. Curb Side Runner | 28. Hydraulic Reservoir |
| 2. Lights | 17. Closer Cylinder | 29. Grommated Hole for Lines |
| 3. Linkage Guard | 18. Outer Hub | 30. Liftgate Wiring Harness |
| 4. Support Chain | 19. Main Deck | 31. Pump or Hydraulic Unit |
| 5. Chain Linkage Bar | 20. Bottom Stop | 32. Pump Starter Solenoid |
| 6. Lift Cylinder | 21. Deck Extension | 33. Thermalpak® with Voltage Guard™ |
| 7. Rollers | 22. Grommated Hole for Battery Cable | 34. 5 Amp Fuse |
| 8. Driver Side Runner | 23. Hydraulic Enclosure | 35. Motor Wiring Harness |
| 9. Equalizer Beam | 24. 150 Amp Circuit Breaker | 36. Relay |
| 10. Sill Extension | 25. Filler / Breather Cap | 37. ON – OFF Toggle Switch |
| 12. Curb Side Upright | 26. Return Line | 38. Wedge Up-Stop |
| 13. Control Switches | | 39. Flow divider valve |



GR01904

WDL U1 Liftgate Terminology

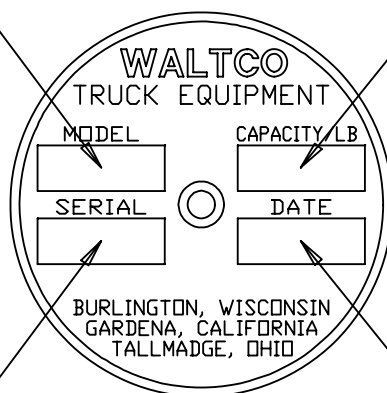
EXPLANATION OF SPECIFICATION TAG

MODEL NO.	MODEL NAME	DESCRIPTION	CAPACITY
315 U1	WDL-55 U1	WDL-55 U1 Series (96" Wide)	5500 lb.
316 U1	WDL-66 U1	WDL-66 U1 Series (96" Wide)	6600 lb.
325 U1	WDL-55 U1	WDL-55 U1 Series (102" Wide)	5500 lb.
326 U1	WDL-66 U1	WDL-66 U1 Series (102" Wide)	6600 lb.

MODEL NUMBER

RATED CAPACITY

Based on an evenly distributed load on the platform flat surface



SERIAL NUMBER

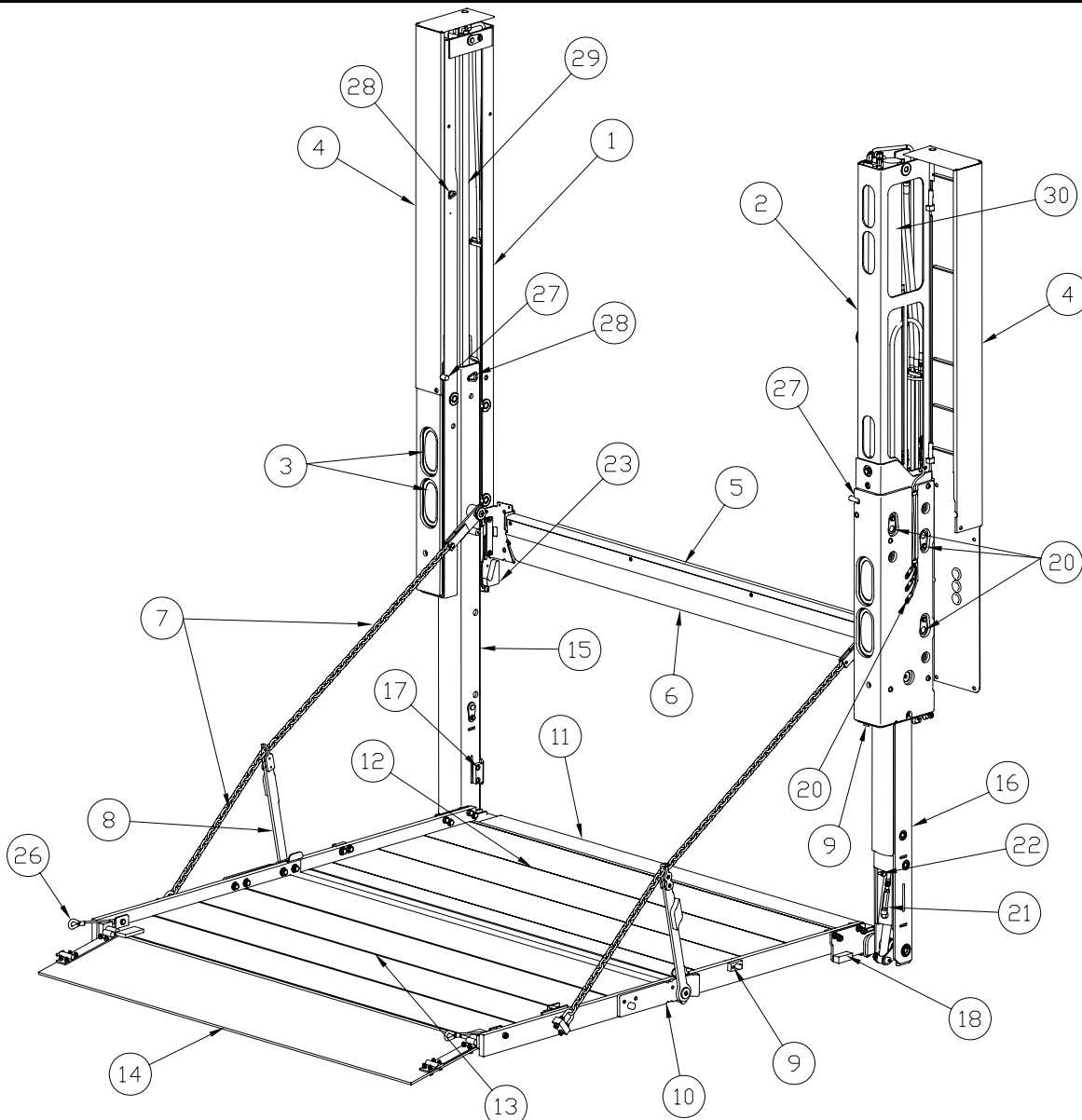
of Liftgate. To be used when ordering parts or when contacting Waltco for service or warranty.

DATE OF
MANUFACTURE
MONTH/YEAR

GR00053

WDL XT Liftgate Terminology

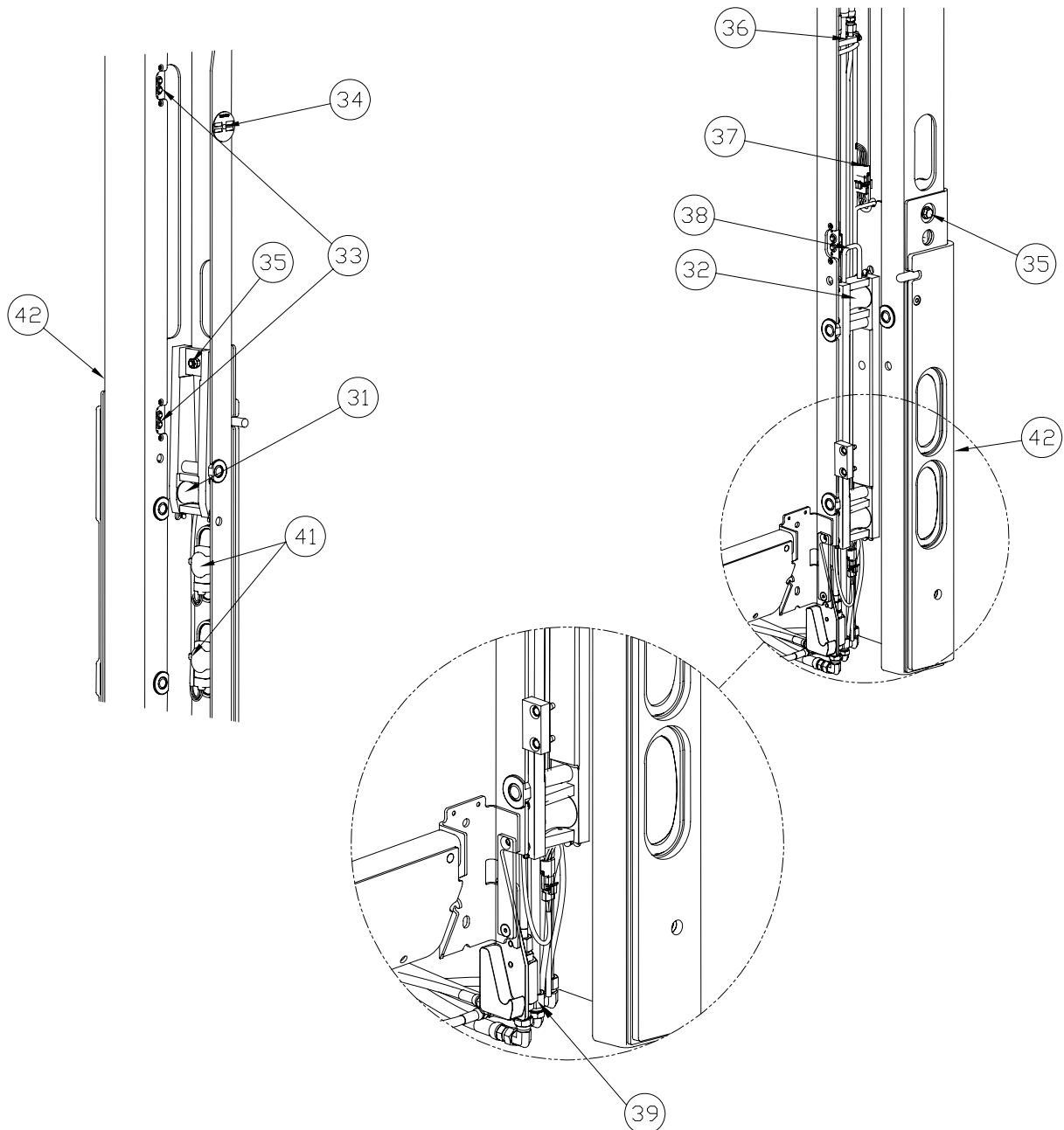
- | | | |
|----------------------------------|------------------------------|---------------------------------------|
| 1. Street Side Upright | 12. Pivot Tube | 22. Closing Cylinder |
| 2. Curb Side Upright | 13. Main Deck | 23. Closing Cylinder Air Assist Valve |
| 3. Lights | 14. Deck Extension | 24. Bottom Stop Catch |
| 4. Upright Covers | 15. Folding Ramp | 25. |
| 5. Sill Extension | 16. Street Side Runner | 26. Ramp retention Cable |
| 6. Toe Guard Plate | 17. Curb Side Runner | 27. Pin |
| 7. Support Chain | 18. Platform Fold Stop Block | 28. OK to Fold/Unfold Indicators |
| 8. Chain Linkage Bar | 19. Platform Fold Stop | 29. Street Side Lift Cylinder |
| 9. Lock Valve Override Slide Bar | 20. Roller Cartridge Pins | 30. Curb Side Lift Cylinder |
| 10. Bottom Stop Pin | 21. Control Switches | |
| 11. Linkage Anchor | | |



GR02507

WDL XT Liftgate Terminology

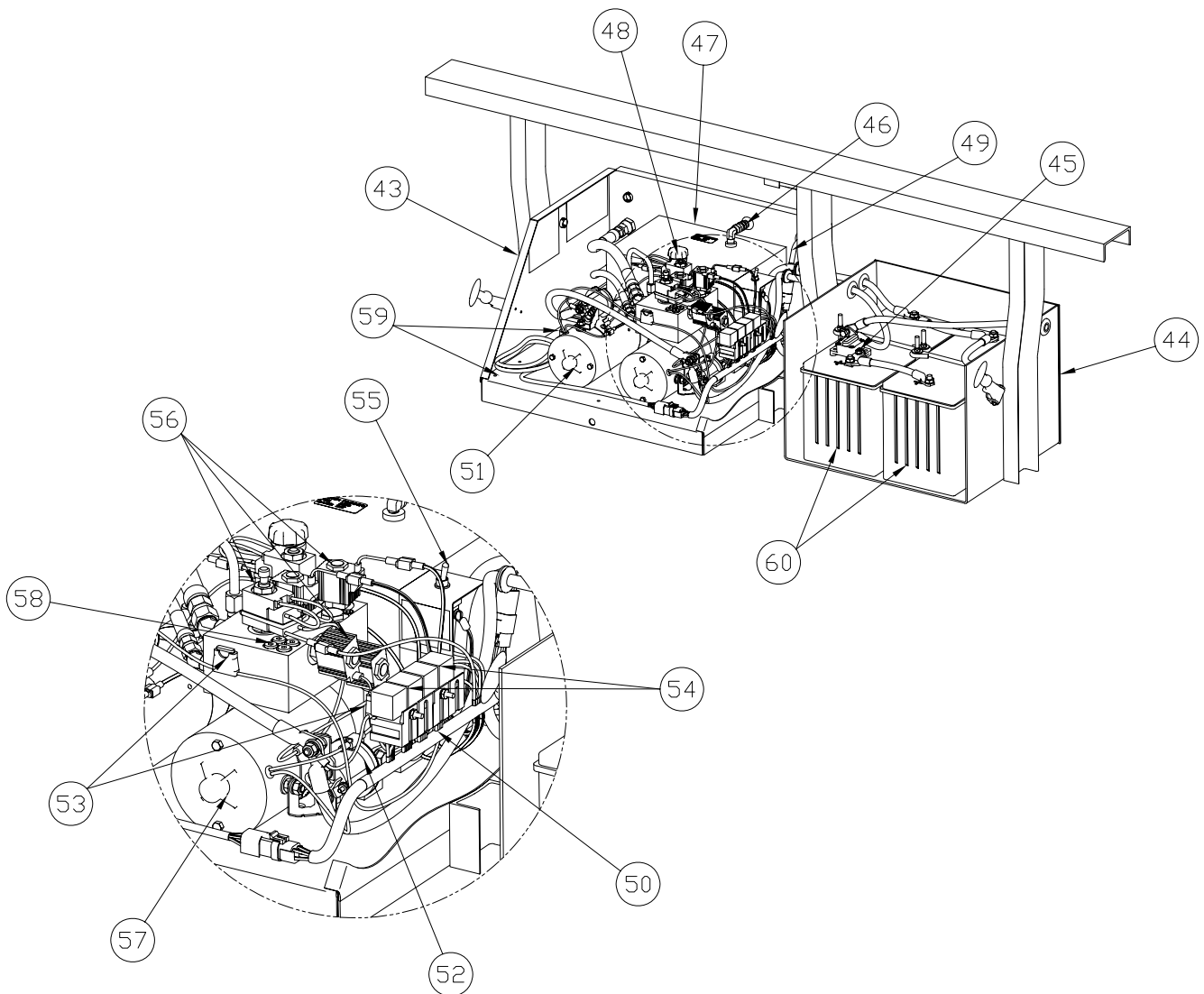
- | | |
|---|-----------------------------------|
| 31. Adjustable Roller Cartridge Assy | 37. Switch Wiring Harness |
| 32. Fixed Roller Cartridge Assy | 38. Fixed Roller Cartridge Handle |
| 33. Inside Column Control Switches | 39. Magnetic Filter |
| 34. Specification Tag | 40. |
| 35. Adjustment Bolt and Locknut for Adjustable Roller Cartridge | 41. Lights |
| 36. Upper Line Clamp | 42. Curb Side Upright |



GR02508

WDL XT Liftgate Terminology

- | | |
|-----------------------------|--|
| 43. Hydraulic Enclosure | 53. 10 Amp Fuse |
| 44. Battery Box (Optional) | 54. Relays |
| 45. 150 Amp Circuit Breaker | 55. Liftgate Shut-off / Selector Switch |
| 46. Return Line | 56. Control Solenoid Valves |
| 47. Hydraulic Reservoir | 57. Pump Motor |
| 48. Filler / Breather Cap | 58. Platform Open / Close Speed Control Orifices |
| 49. Liftgate Wiring Harness | 59. Auxiliary Control Switch for Dual Motor Pumps (Optional) |
| 50. Motor Wiring Harness | 60. Batteries |
| 51. Pump or Hydraulic Unit | |
| 52. Pump Starter Solenoid | |



GR02509

WDL XT Liftgate Terminology

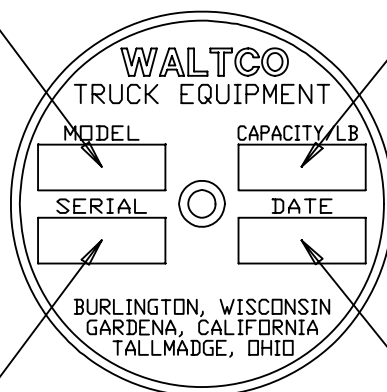
EXPLANATION OF SPECIFICATION TAG

MODEL NO.	MODEL NAME	DESCRIPTION	CAPACITY
319-1	WDL-35 XT	WDL-35 XT Series (96" Wide)	3500 lb.
319-1	WDL-45 XT	WDL-45 XT Series (96" Wide)	4500 lb.
319-1	WDL-55 XT	WDL-55 XT Series (96" Wide)	5500 lb.
319-1	WDL-66 XT	WDL-66 XT Series (96" Wide)	6600 lb.
319-2	WDL-35 XT	WDL-35 XT Series (102" Wide)	3500 lb.
319-2	WDL-45 XT	WDL-45 XT Series (102" Wide)	4500 lb.
319-2	WDL-55 XT	WDL-55 XT Series (102" Wide)	5500 lb.
319-2	WDL-66 XT	WDL-66 XT Series (102" Wide)	6600 lb.

MODEL NUMBER

RATED CAPACITY

Based on an evenly distributed load on the platform flat surface



SERIAL NUMBER

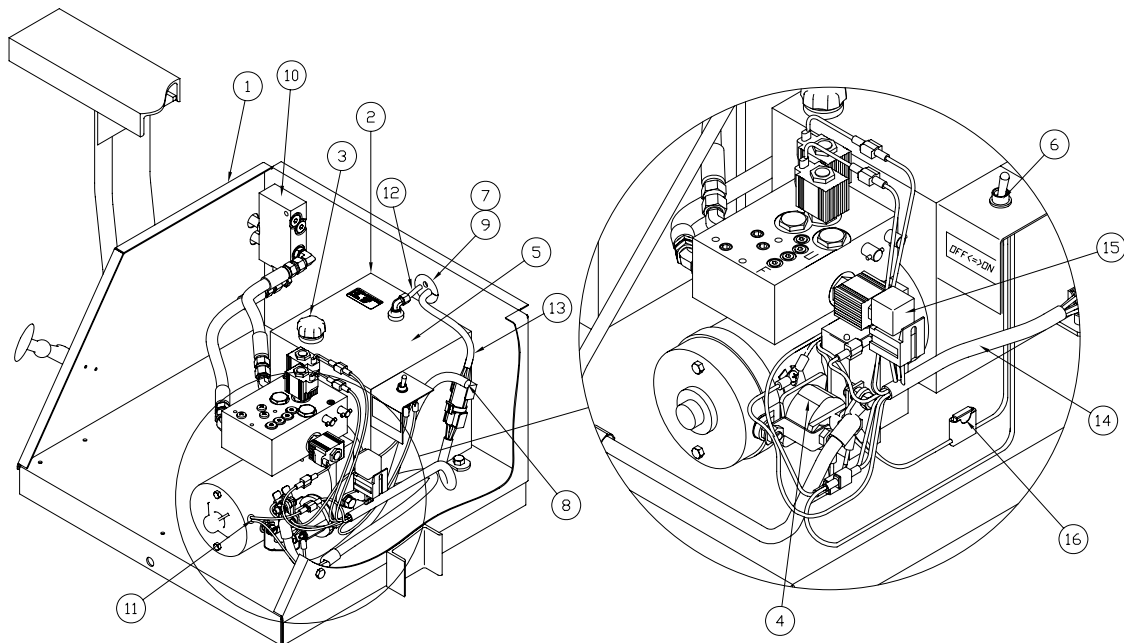
of Liftgate. To be used when ordering parts or when contacting Waltco for service or warranty.

DATE OF
MANUFACTURE
MONTH/YEAR

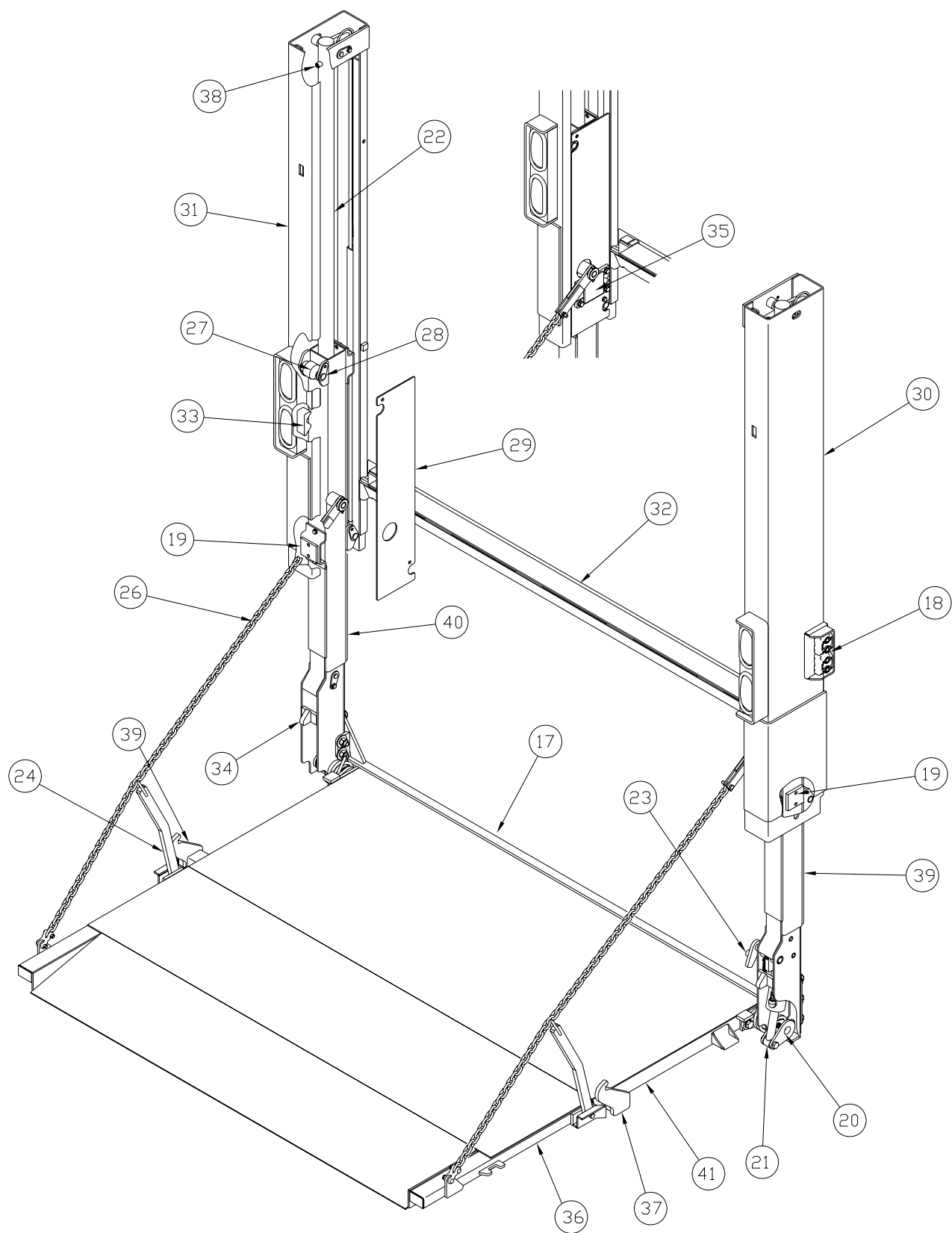
GR00053

WDL Value Line LIFTGATE TERMINOLOGY

1. Hydraulic Enclosure
2. Pump or Hydraulic Unit
3. Filler/Breather Cap
4. Pump Starter Solenoid
5. Hydraulic Reservoir
6. ON – OFF toggle switch
7. Grommeted Hole for Liftgate Wiring Harness
8. Grommeted Hole for Battery Cable
9. Grommeted Hole for Return Line
10. Flow Divider Valve
11. Motor Thermistor Wires
12. Return Line
13. Liftgate Wiring Harness
14. Motor Wiring Harness
15. Relay
16. 10 Amp Fuse
17. Equalizer Beam Assembly
18. Control Switches
19. Runner Wear Pad
20. Outer Hub Assembly
21. Closer Cylinder
22. Lift Cylinder
23. Transit Latch Assembly
24. Chain Linkage Bar Assembly
25. Chain Linkage Cover
26. Support Chain
27. Roller Assembly
28. Roller Pin Assembly
29. Runner Guard Plate
30. Curb Side Upright
31. Street Side Upright
32. Crossbeam
33. Upstop
34. Upstop Bar
35. Store Below Bed Lock
36. Deck Extension Assembly
37. Platform Bottom Stop Hook
38. Cylinder Bleeder Port
39. Curb Side Runner Assembly
40. Street Side Runner Assembly
41. Deck Assembly

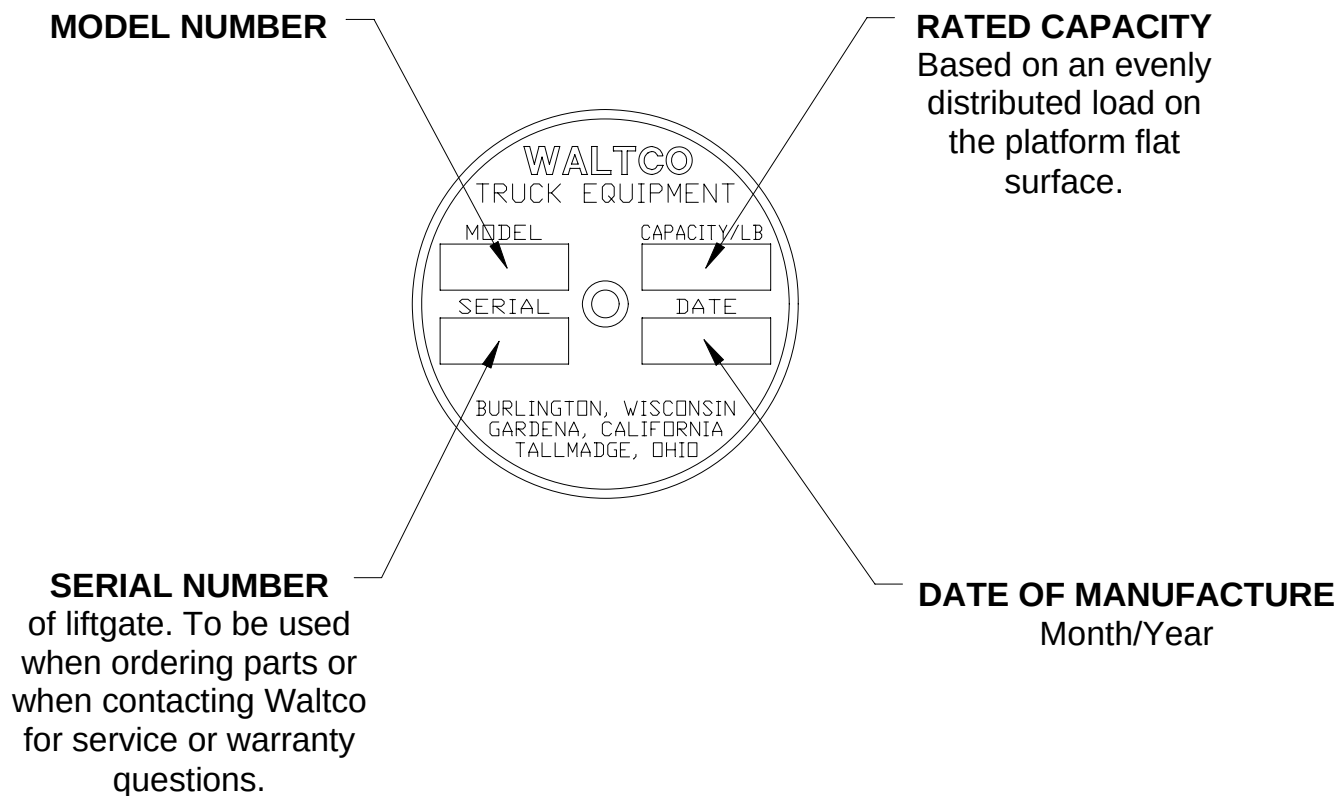


WDL Value Line LIFTGATE TERMINOLOGY



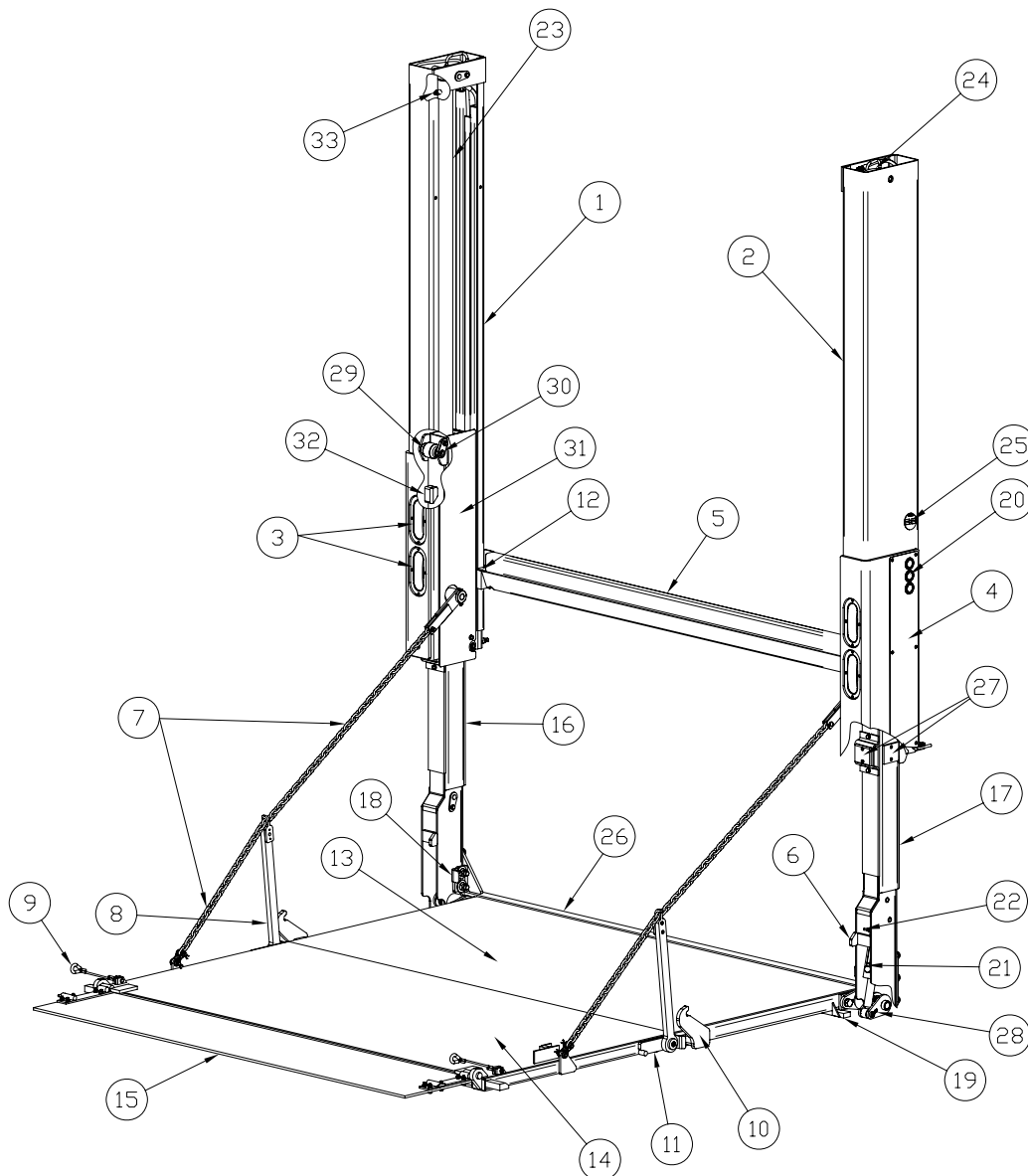
EXPLANATION OF SPECIFICATION TAG

MODEL NO.	MODEL NAME	DESCRIPTION	CAPACITY
320-11	WDL-35	WDL-35 Series (96" Wide)	3500 lb.
320-21	WDL-45	WDL-45 Series (96" Wide)	4500 lb.
320-31	WDL-55	WDL-55 Series (96" Wide)	5500 lb.
320-41	WDL-66	WDL-66 Series (96" Wide)	6600 lb.
320-12	WDL-35	WDL-35 Series (102" Wide)	3500 lb.
320-22	WDL-45	WDL-45 Series (102" Wide)	4500 lb.
320-32	WDL-55	WDL-55 Series (102" Wide)	5500 lb.
320-42	WDL-66	WDL-66 Series (102" Wide)	6600 lb.



WDL (2009) Liftgate Terminology

- | | | |
|-------------------------|---------------------------------------|-------------------------------|
| 1. Street Side Upright | 12. Bottom Stop Catch | 23. Street Side Lift Cylinder |
| 2. Curb Side Upright | 13. Main Deck | 24. Curb Side Lift Cylinder |
| 3. Lights | 14. Deck Extension | 25. Specification Tag |
| 4. Switch Cover | 15. Folding Ramp | 26. Equalizer Beam Assembly |
| 5. Sill Extension | 16. Street Side Runner | 27. Runner Wear Pad |
| 6. Upstop Wedge Block | 17. Curb Side Runner | 28. Outer Hub Assembly |
| 7. Support Chain | 18. Platform Fold Stop Block | 29. Roller Assembly |
| 8. Chain Linkage Bar | 19. Platform Fold Stop | 30. Roller Pin |
| 9. Ramp Retention Cable | 20. Control Switches | 31. Runner Guard Plate |
| 10. Bottom Stop Hook | 21. Closing Cylinder | 32. Upstop Block |
| 11. Linkage Anchor | 22. Closing Cylinder Air Assist Valve | 33. Cylinder Bleeder Port |

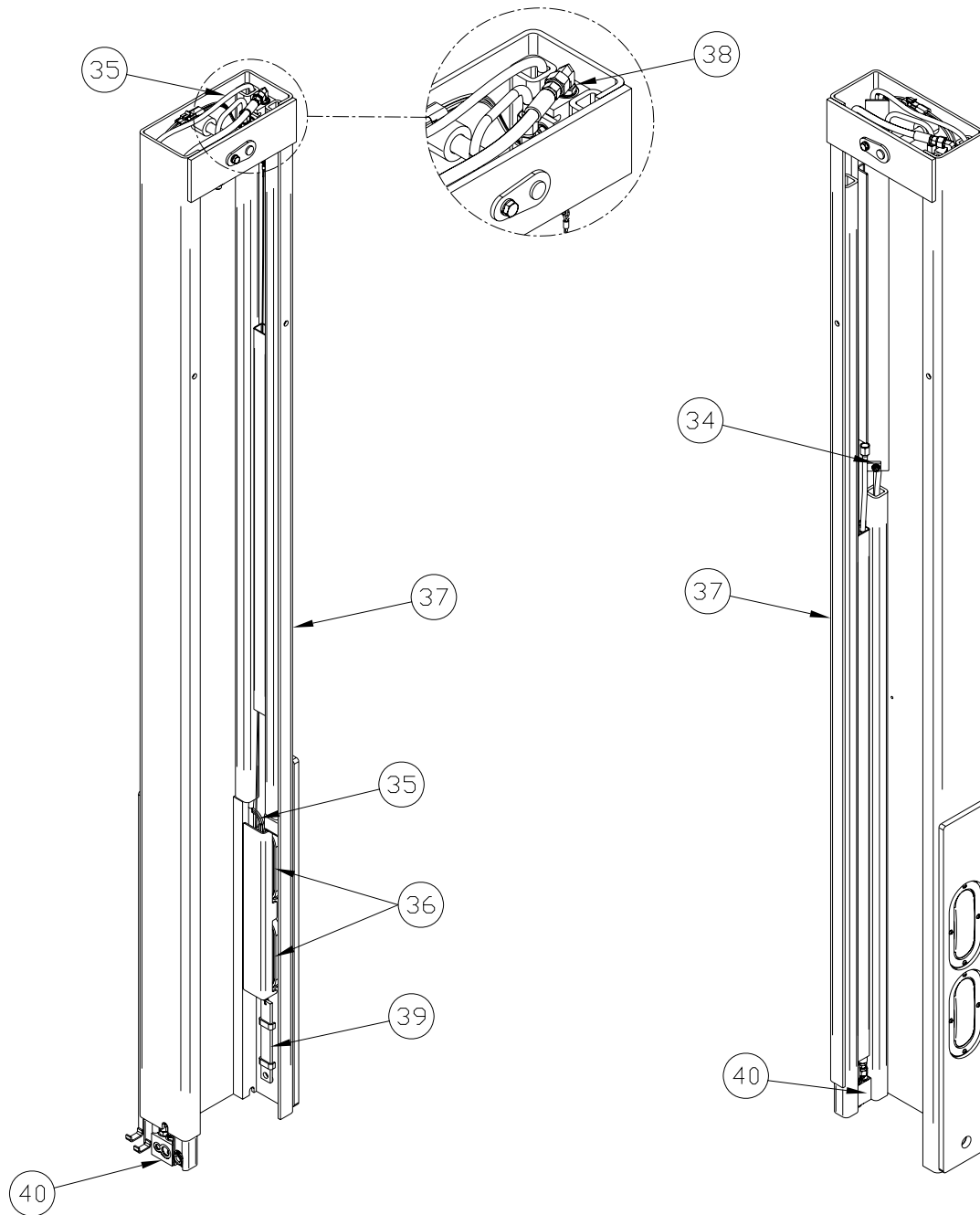


GR02359

WDL (2009) Liftgate Terminology

- 34. Hybrid Line Clamp Flag
- 35. Light Wiring Harness
- 36. Lights
- 37. Curb Side Upright

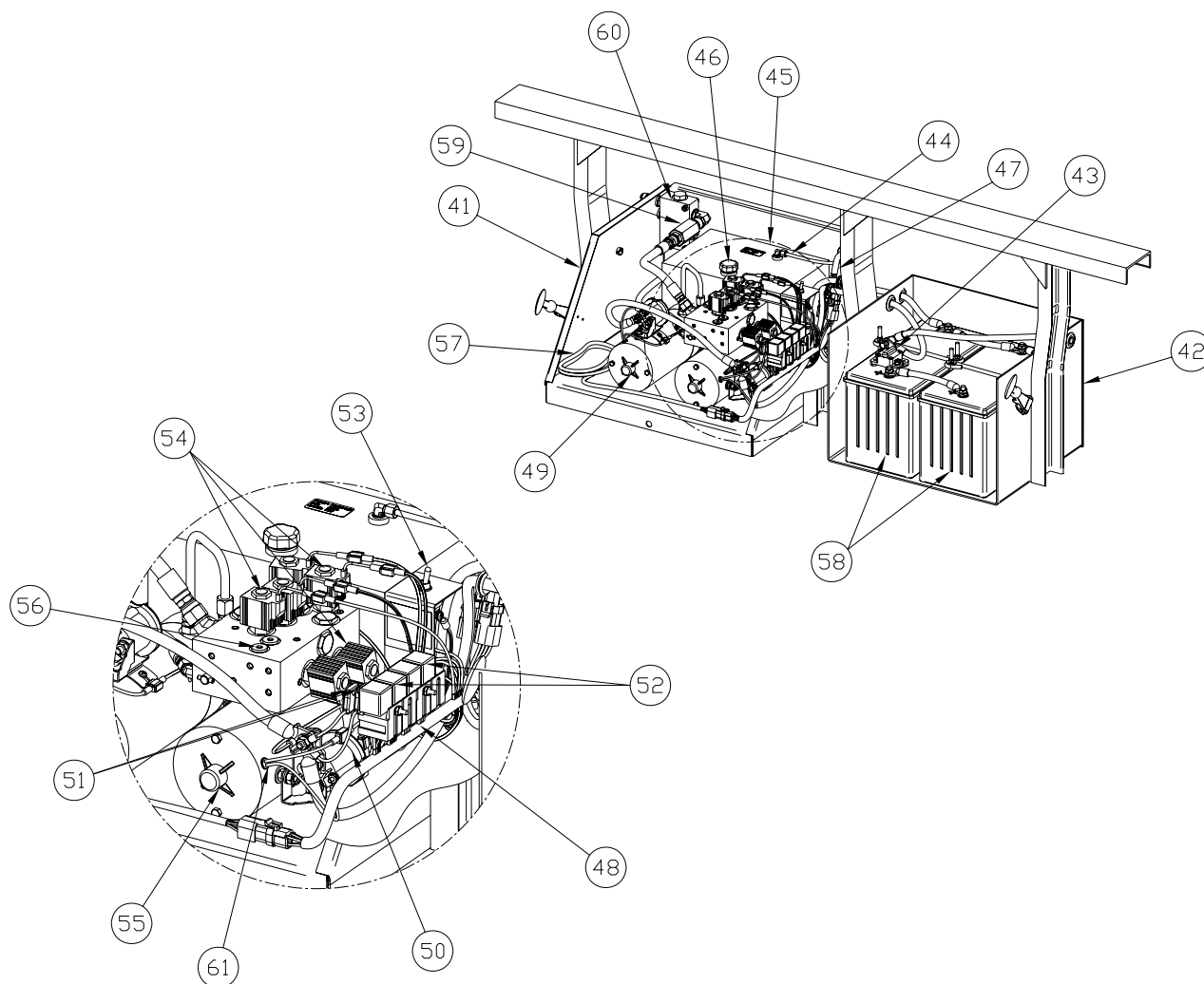
- 38. Hydraulic Lock Valve with Manual Override
- 39. Manual Override Slide Plate
- 40. Hydraulic Manifold Block



GR02360

WDL (2009) Liftgate Terminology

- | | |
|-----------------------------|--|
| 41. Hydraulic Enclosure | 52. Relays |
| 42. Battery Box (Optional) | 53. Liftgate Shut-off / Selector Switch |
| 43. 150 Amp Circuit Breaker | 54. Control Solenoid Valves |
| 44. Return Line | 55. Pump Motor |
| 45. Hydraulic Reservoir | 56. Platform Open / Close Speed Control Orifices |
| 46. Filler / Breather Cap | 57. Auxiliary Control Switch for Dual Motor Pumps (Optional) |
| 47. Liftgate Wiring Harness | 58. Batteries |
| 48. Motor Wiring Harness | 59. Filter |
| 49. Pump or Hydraulic Unit | 60. Flow Divider |
| 50. Pump Starter Solenoid | 61. Motor Thermistor Wires |
| 51. 10 Amp Fuse | |



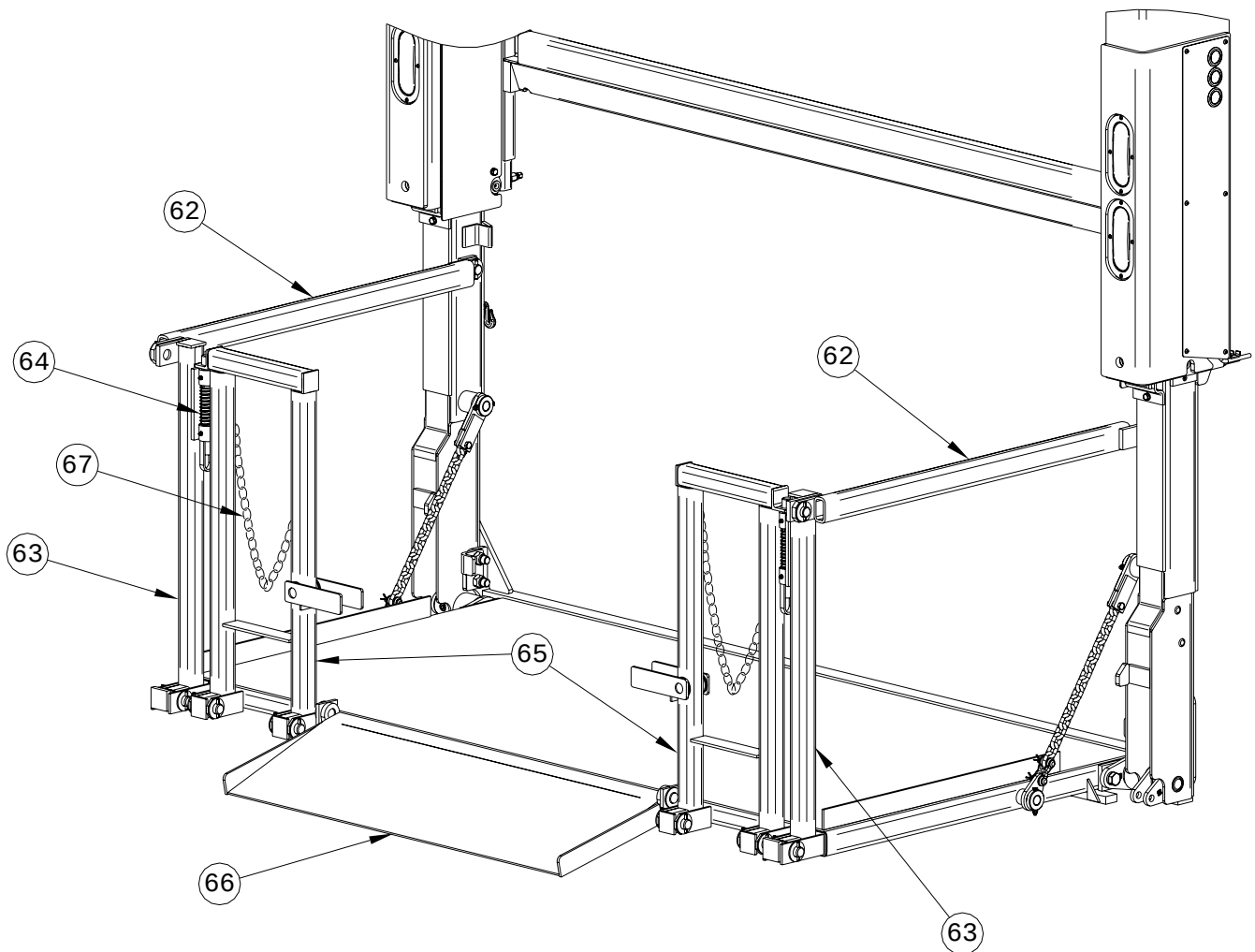
GR02361

WDL (2009) Liftgate Terminology

- 62. Side Rail Assembly
- 63. Outer Guard Rail Assembly
- 64. Guard Rail Latch Assembly

- 65. Inner Guard Rail Assembly
- 66. Ramp Assembly
- 67. Gas Bottle Retention Chain

WDLBG



GR02366

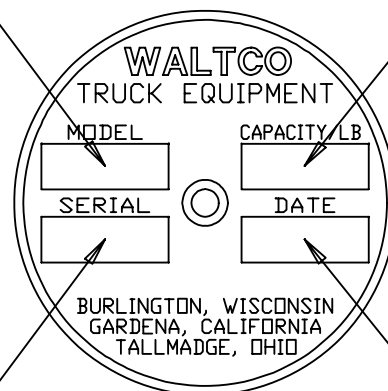
WDL (2009) Liftgate Terminology

EXPLANATION OF SPECIFICATION TAG			
MODEL NO.	MODEL NAME	DESCRIPTION	CAPACITY
401	WDLBG-35	WDLBG-35 Series (96" Wide)	3500 lb.
402	WDLBG-45	WDLBG-45 Series (96" Wide)	4500 lb.
403	WDL-35	WDL-35 Series (96" Wide)	3500 lb.
404	WDL-45	WDL-45 Series (96" Wide)	4500 lb.
405	WDL-55	WDL-55 Series (96" Wide)	5500 lb.
406	WDL-66	WDL-66 Series (96" Wide)	6600 lb.
407	WDLBG-35	WDLBG-35 Series (102" Wide)	3500 lb.
408	WDLBG-45	WDLBG-45 Series (102" Wide)	4500 lb.
409	WDL-35	WDL-35 Series (102" Wide)	3500 lb.
410	WDL-45	WDL-45 Series (102" Wide)	4500 lb.
411	WDL-55	WDL-55 Series (102" Wide)	5500 lb.
412	WDL-66	WDL-66 Series (102" Wide)	6600 lb.

MODEL NUMBER

RATED CAPACITY

Based on an evenly distributed load on the platform flat surface



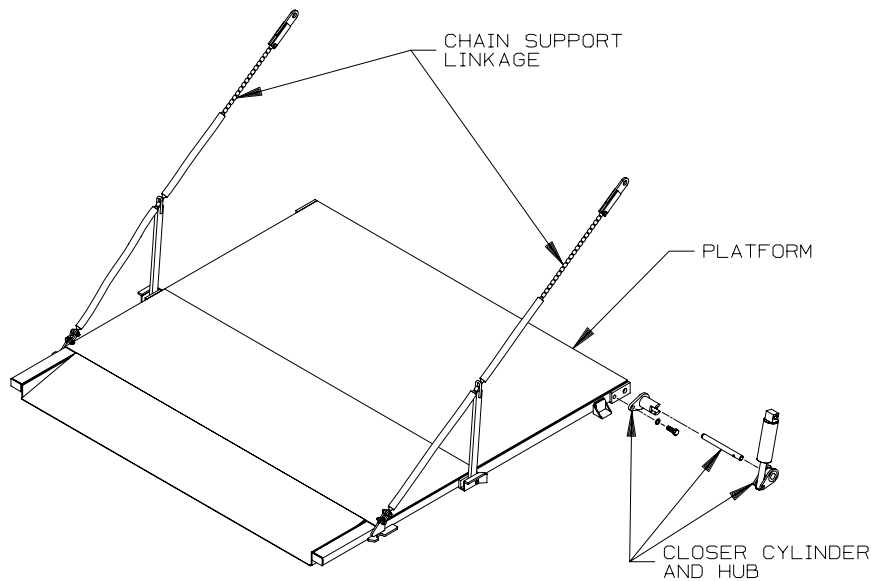
SERIAL NUMBER

of Liftgate. To be used when ordering parts or when contacting Waltco for service or warranty.

DATE OF
MANUFACTURE
MONTH/YEAR

GR00053

WDL & WDL RM PLATFORM and LINKAGE (Built thru 10-05)



Common Features

- Capacity decal: 3500, 4500, 5500, and 6600 pounds
- Steel Platform Sizes: 42", 60", 72" and 86" deep
80" and 86" wide
- Aluminum Platform Sizes: 72" and 86" deep
(Available after 9-04) 80" and 86" wide
- Ramp: 15" fixed, 16" folding aluminum, 12" folding steel, 10" Split Folding Steel (on Aluminum platforms)
- Chain linkage support (Two piece platforms)
- Bar Linkage support (One piece platforms)
- Cylinder closing with closure hub

Steel Platform - 15" ramp

PM-295

Built thru 10-98

PM-456, PM-482

Built from 10-98 thru 1-02

PM-456A

Built from 1-02 thru 10-05

Aluminum Platform - 15" ramp

PM-651

Built from 9-04 thru 10-05

Steel Platform - Butt End

PM-296

Built thru 10-98

PM-457, PM-483

Built from 10-98 thru 1-02

PM-457A

Built from 1-02 thru 10-05

Aluminum Platform - Butt End

PM-652

Built from 9-04 thru 10-05

Steel Platform - 1 piece

PM-297

Built thru 10-98

PM-458

Built from 10-98 thru 1-02

PM-458A

Built from 1-02 thru 7-03

PM-458B

Built from 7-03 thru 10-05

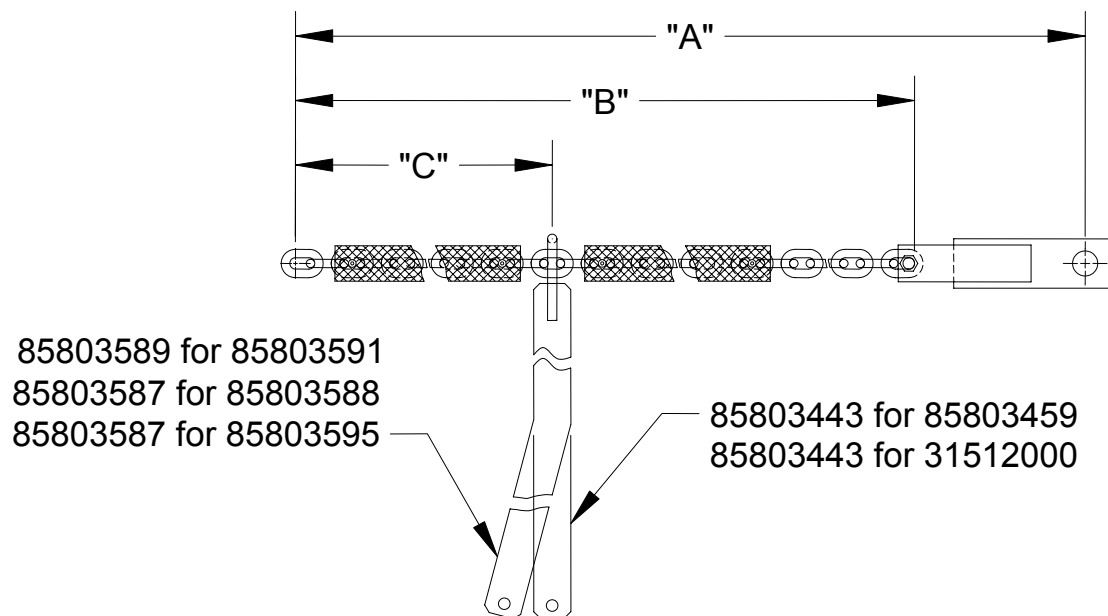
80101083 Rev. 0 7/10

- ♦ Closure hub kit must be purchased when ordering hubs or closure cylinder on gates built before 4/1/95. Part # 80000654

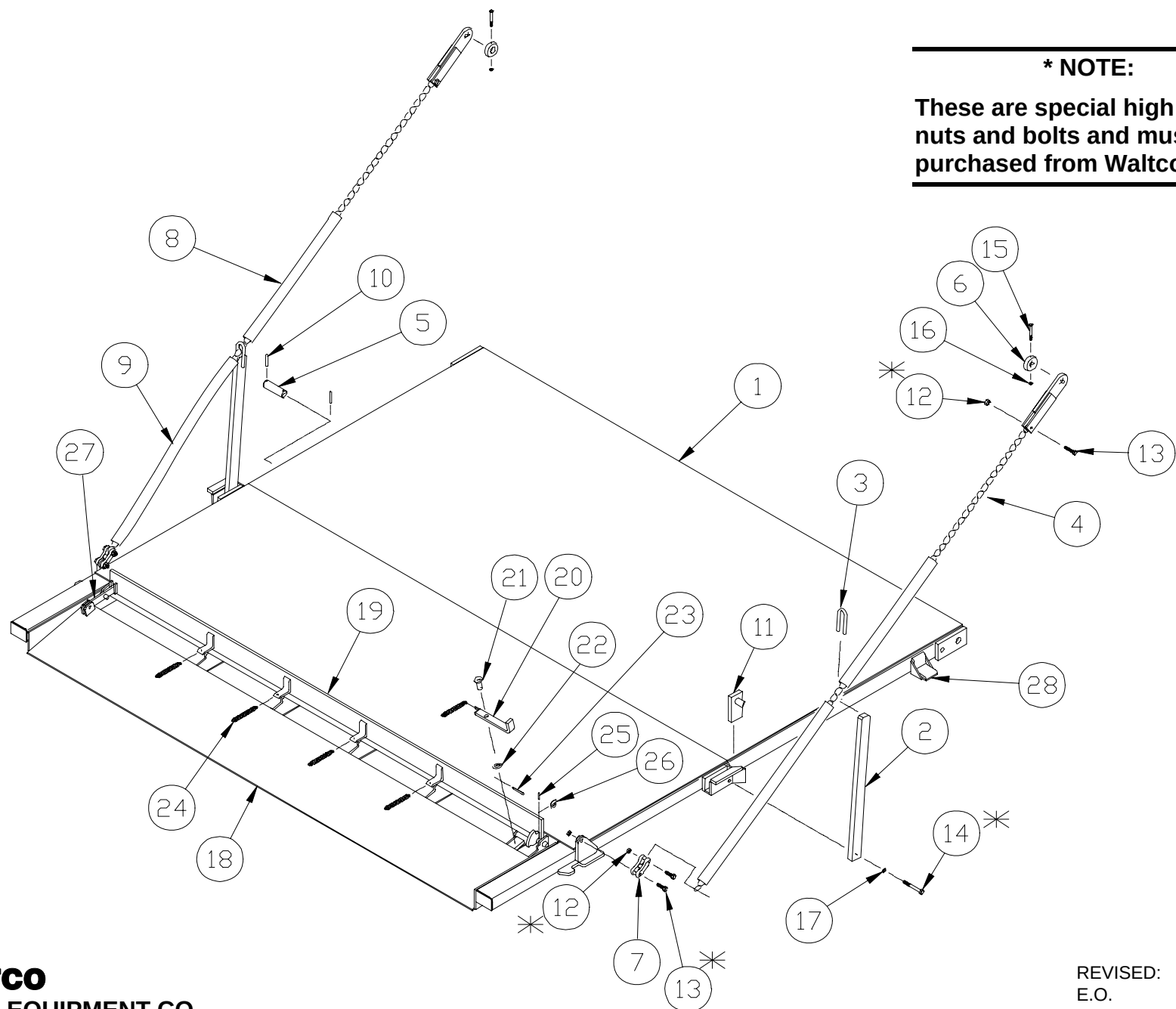
[Click here for list of liftgate serial numbers, organized by approximate ship dates.](#)

WDL Chain Linkage Assembly

Description	Linkage Group Part No.	Chain Linkage Complete Part No.	Chain Linkage Assy Part No.	Overall Linkage Assy Length "A"	Linkage Chain Part No.	Linkage Chain Length "B"	Link Bar Location (Inches) "C"	Link Bar Location (Chain links) "C"
Steel Platforms								
60" Butt End (New Style)	85803597	85803591	85803592	71"	85803590	57-9/16"	20-3/4"	20-1/2 Links
60" Butt End (Old Style)	85803599	85803588	85803592	71"	85803590	57-9/16"	22-3/4"	22-1/2 Links
60" + 15" & 72" Butt End	85803598	85803595	85803596	79-1/16"	85803597	71-3/4"	26-3/4"	26-1/2 Links
72" + 15" & 86" Butt End	85803565	85803459	85803596	79-1/16"	85803466	71-3/4"	26-3/4"	26-1/2 Links
Aluminum Platforms								
72" + 15" & 86" Butt End	31519100	31512000	31511800	77-3/8"	85803466	71-3/4"	25-1/2"	25-1/2 Links



PLATFORM & LINKAGE
(Built thru 10-98)



*** NOTE:**

These are special high grade
nuts and bolts and must be
purchased from Waltco.

WALTCO
TRUCK EQUIPMENT CO.
WDL SERIES

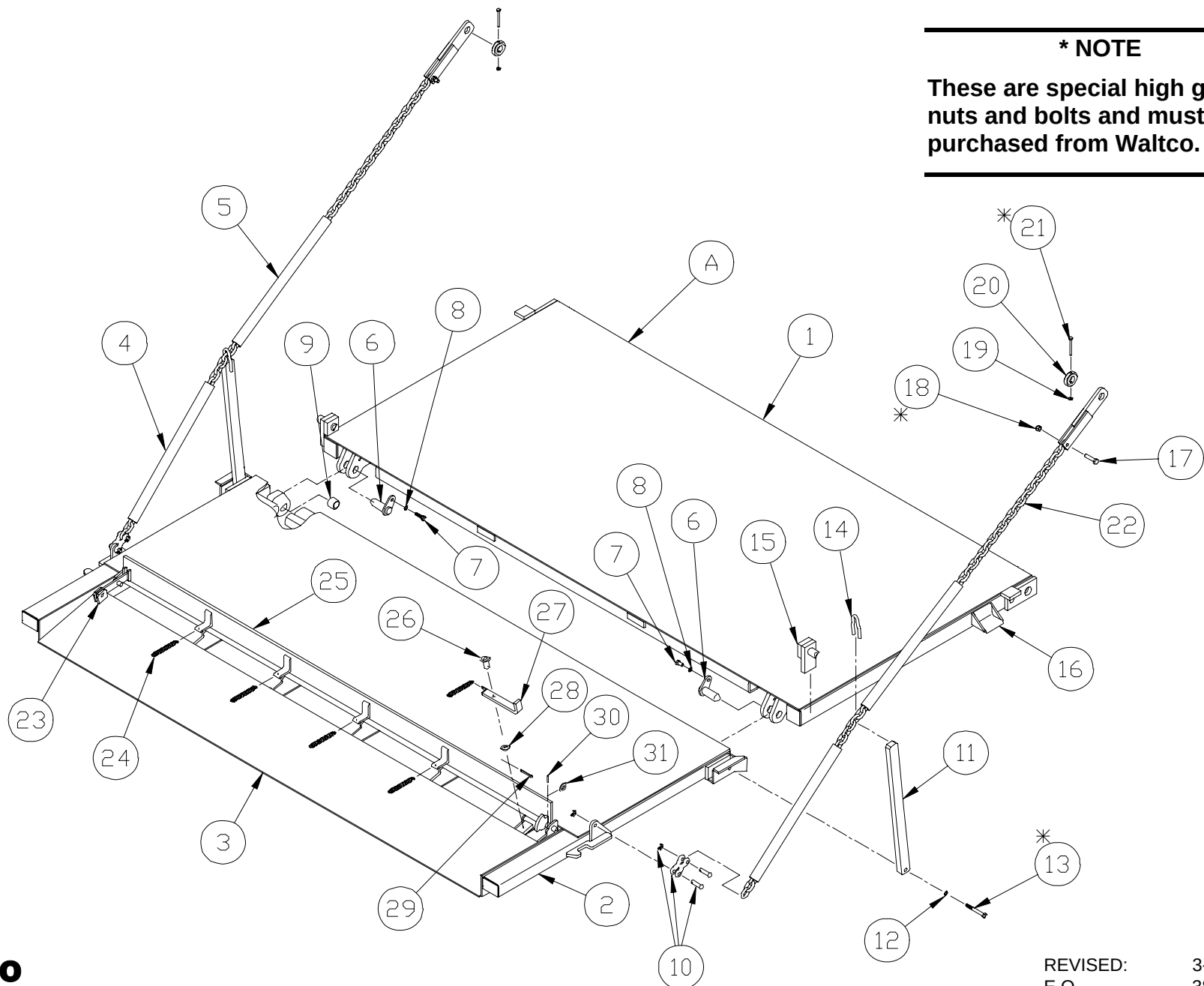
REVISED: 12-18-98
E.O. 3760
REV. 03

PM-295

ITEM	PART NUMBER	QTY	DESCRIPTION
1	85803630	1	60" X 80" + 15" Ramp (Break Even)
	85803634	1	60" X 80" + 15" Ramp (Break Even) w/ Cart Stop
	85803633	1	60" X 80" + 15" Ramp (Break Even) w/ Bottom Stops
	85803636	1	60" X 80" + 15" Ramp (Break Even) w/ Cart Stop & Bottom Stops
	85803153	1	72" X 80" + 15" Ramp (Break Even)
	85803154	1	72" X 80" + 15" Ramp (Break Even) w/ Cart Stop
	85803650	1	72" X 80" + 15" Ramp (Break Even) w/ Bottom Stops
	85803646	1	72" X 80" + 15" Ramp (Break Even) w/ Cart Stop & Bottom Stops
	85803637	1	60" X 86" + 15" Ramp (Break Even)
	85803641	1	60" X 86" + 15" Ramp (Break Even) w/ Cart Stops
	85803640	1	60" X 86" + 15" Ramp (Break Even) w/ Bottom Stops
	85803643	1	60" X 86" + 15" Ramp (Break Even) w/ Cart Stop & Bottom Stops
	85803100	1	72" X 86" + 15" Ramp (Break Even)
	85803432	1	72" X 86" + 15" Ramp (Break Even) w/ Cart Stop
	85803651	1	72" X 86" + 15" Ramp (Break Even) w/ Bottom Stops
	85803647	1	72" X 86" + 15" Ramp (Break Even) w/ Cart Stop & Bottom Stops
2	85803443	2	Connecting Link Bar (72" + 15" Ramp Only)
	85803587	2	Connecting Link Bar (60" + 15" Ramp Only)
3	85803444	2	Connecting Link
4	85803596	2	Chain Linkage Assembly (72" + 15" Ramp & 60" + 15" Ramp Only)
5	85803105	2	Extension Hinge Pin
6	85803550	2	Linkage Retainer Collar
7	85803456	2	Double Clevis Link
8	85803542	2	Upper Abrasion Sleeve w/ Pop Rivets
9	85803544	2	Lower Abrasion Sleeve w/ Pop Rivets

ITEM	PART NUMBER	QTY	DESCRIPTION
10	75089541	4	1/4" x 1-7/8" Coil Pin
11	85803561	2	Platform Bottom Stop Pin Assembly (Bottom Stop Platforms Only)
*12	85803464	6	7/16"-20 Lock Nut
*13	85803463	4	7/16"-20 x 1-3/4" Hex Bolt (Grade 8)
*14	85803462	2	7/16"-20 x 1-1/2" Hex Bolt (Grade 8)
15	75086215	2	1/4"-20 x 2-1/2" Hex Bolt
16	75085175	2	1/4"-20 Lock Nut
17	75088082	2	7/16" Lock Washer
18	85803191	1	80" Cart Stop Ramp Assembly Complete (Items 18 Thru 27)
	85803418	1	86" Cart Stop Ramp Assembly Complete (Items 18 Thru 26)
19	85803192	1	80" Cart Stop Assembly(Cart Stop Platforms Only)
	85803419	1	86" Cart Stop Assembly (Cart Stop Platforms Only)
20	35442002	1	Cart Stop Lever Assembly (Cart Stop Platforms Only)
21	35440502	1	Cart Stop Pin Assembly (Cart Stop Platforms Only)
22	75088056	1	1/2" Plain Washer
23	75084052	1	5/32" x 1" Cotter Pin
24	75089752	5	Extension Spring
25	75089547	1	3/16" x 1" Coiled Pin
26	75088064	1	5/8" Plain Washer
27	35442501	1	Cart Stop Brace Assembly
28	85803799	1	Platform Stop Angle Assembly

PLATFORM & LINKAGE (96" Wide Liftgates)
 (Built 10-98 thru 1-02)



* NOTE

These are special high grade nuts and bolts and must be purchased from Waltco.

WALTCO
 TRUCK EQUIPMENT CO.
 WDL RM SERIES (96" Wide)

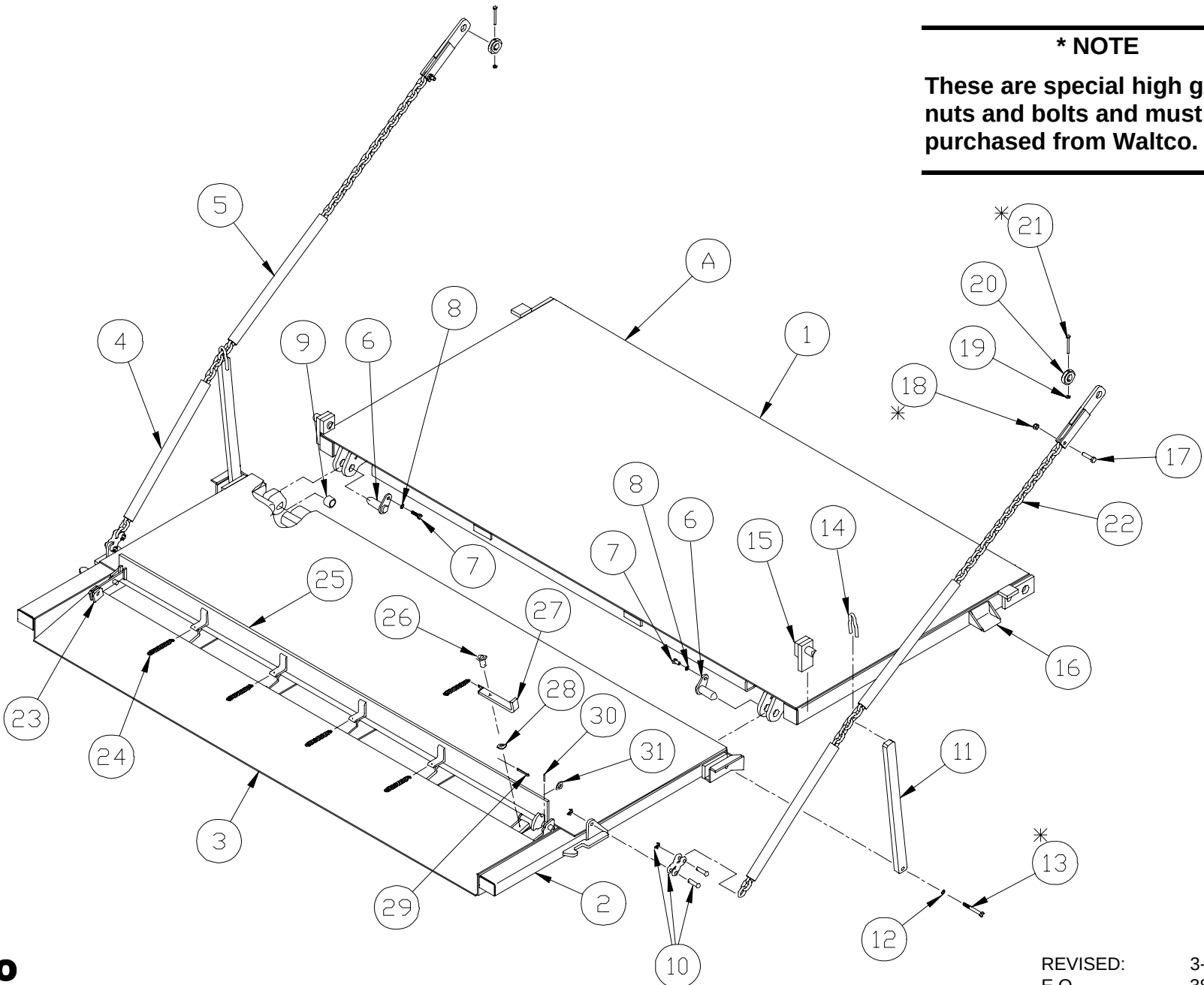
REVISED: 3-1-99
 E.O. 3831A
 REV. 03

PM-456

ITEM	PART NUMBER	QTY	DESCRIPTION
A	31410005	1	Platform Assy Complete, 60" X 80" + 15" Ramp (Break Even)
	31410007	1	Platform Assy Complete, 60" X 80" + 15" Ramp (Break Even) w/ Cart Stop
	31410006	1	Platform Assy Complete, 60" X 80" + 15" Ramp (Break Even) w/ Bottom Stops
	31410008	1	Platform Assy Complete, 60" X 80" + 15" Ramp (Break Even) w/ Cart Stop & Bottom Stops
	31410009	1	Platform Assy Complete, 72" X 80" + 15" Ramp (Break Even)
	31410011	1	Platform Assy Complete, 72" X 80" + 15" Ramp (Break Even) w/ Cart Stop
	31410010	1	Platform Assy Complete, 72" X 80" + 15" Ramp (Break Even) w/ Bottom Stops
	31410012	1	Platform Assy Complete, 72" X 80" + 15" Ramp (Break Even) w/ Cart Stop & Bottom Stops
1	31411005	1	Deck Assy, 60" x 80" + 15"
	31411006	1	Deck Assy, 60" x 80" + 15" w/ Bottom Stops
	31411007	1	Deck Assy, 42" x 80" (72" + 15" & 86" B.E. Platforms)
	31411008	1	Deck Assy, 42" x 80" (72" + 15" & 86" B.E. Platforms) w/ Bottom Stops
2	31418003	1	Deck Ext Assy, 60" x 80" + 15"
	31418004	1	Deck Ext Assy, 60" x 80" + 15" w/ Cart Stop
	31418005	1	Deck Ext Assy, 72" x 80" + 15"
	31418006	1	Deck Ext Assy, 72" x 80" + 15" w/ Cart Stop
3	85803191	1	80"Cart Stop Ramp Assembly Complete (Items 18 Thru 27)
4	85803544	2	Lower Abrasion Sleeve w/ Pop Rivets
5	85803542	2	Upper Abrasion Sleeve w/ Pop Rivets
6	37417501	2	Extension Hinge Pin
7	75086055	2	3/8"-16 x 3/4" Lg. Gr. 5 Hex Bolt
8	75088081	2	3/8" Lock Washer
9	85803391	2	1-1/4" O.D. x 1" I.D. x 1" Lg. Bearing
10	85803456	2	Double Clevis Link (w/ Clevis Pins and Cotter Pins)

ITEM	PART NUMBER	QTY	DESCRIPTION
11	85803443	2	Connecting Link Bar (72" + 15" Ramp Only)
	85803587	2	Connecting Link Bar (60" + 15" Ramp Only)
12	75088082	2	7/16" Lock Washer
13	85803462	2	7/16"-20 x 1-1/2" Hex Bolt (Grade 8)
14	85803444	2	Connecting Link
15	85803561	2	Platform Bottom Stop Pin Assembly (Bottom Stop Platforms Only)
16	31417501	1	Platform Stop Angle Assy
*17	85803463	2	7/16"-20 x 1-3/4" Hex Bolt (Grade 8)
*18	85803464	2	7/16"-20 Lock Nut
19	75085161	1	1/4"-20 Lock Nut
20	85803550	2	Linkage Retainer Collar
*21	75086215	2	1/4"-20 x 2-1/2" Hex Bolt
22	85803596	2	Chain Linkage Assembly (72" + 15" Ramp & 60" + 15" Ramp Only)
23	35442501	1	Cart Stop Brace Assembly
24	75089752	5	Extension Spring
25	85803192	1	80" Cart Stop Assembly (Cart Stop Platforms Only)
26	35440502	1	Cart Stop Pin Assembly (Cart Stop Platforms Only)
27	35442002	1	Cart Stop Lever Assembly (Cart Stop Platforms Only)
28	75088056	1	1/2" Plain Washer
29	75084052	1	5/32" x 1" Cotter Pin
30	75089547	1	3/16" x 1" Coiled Pin
31	75088064	1	5/8" Plain Washer

PLATFORM & LINKAGE (102” Wide Liftgates)
 (Built 10-98 thru 1-02)



WALTCO
TRUCK EQUIPMENT CO.
WDL RM SERIES (102” Wide)

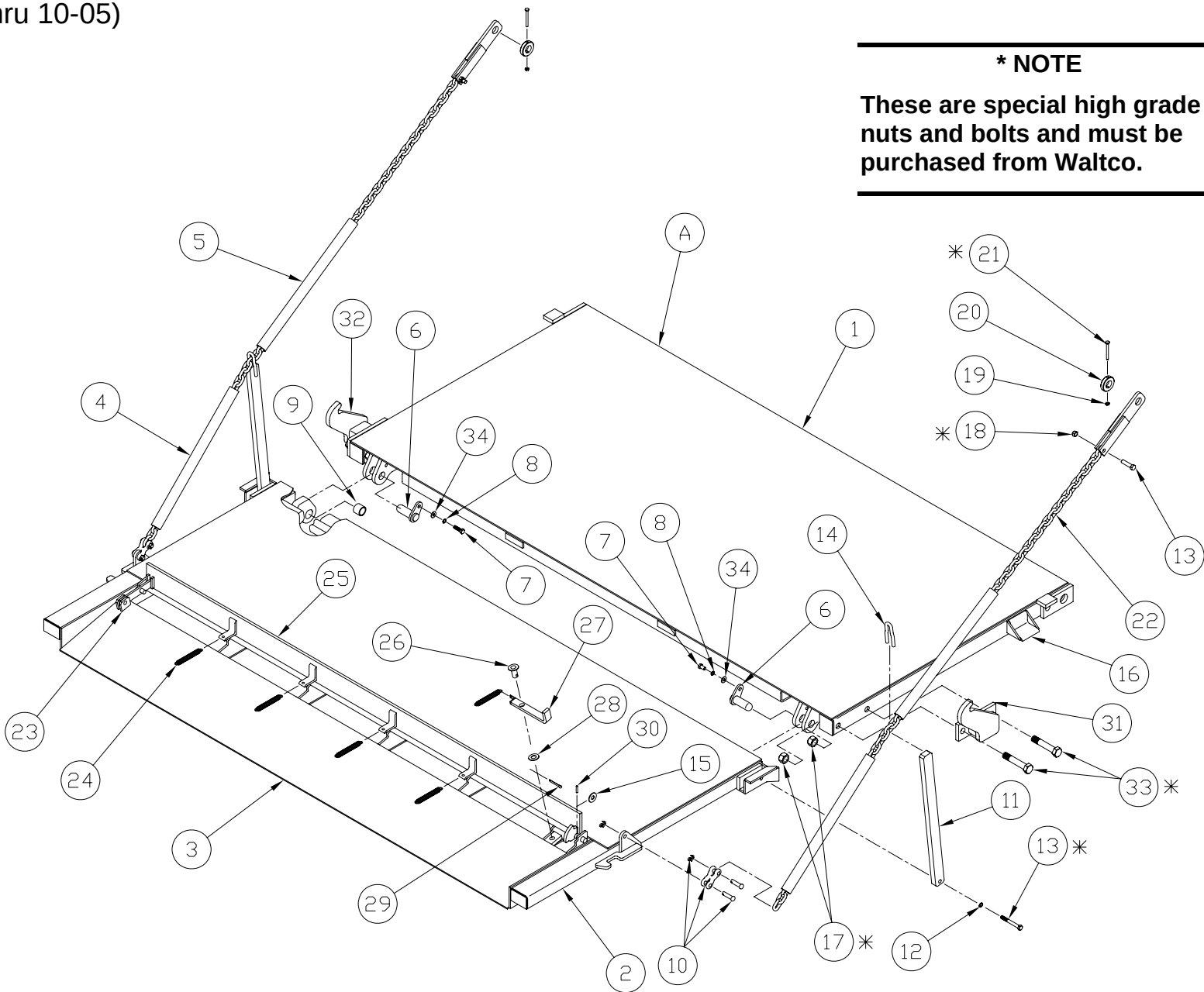
REVISED: 3-1-99
 E.O. 3831A
 REV. 03

PM-482

ITEM	PART NUMBER	QTY	DESCRIPTION
A	32410005	1	Platform Assy Complete, 60" X 86" + 15" Ramp (Break Even)
	32410007	1	Platform Assy Complete, 60" X 86" + 15" Ramp (Break Even) w/ Cart Stop
	32410006	1	Platform Assy Complete, 60" X 86" + 15" Ramp (Break Even) w/ Bottom Stops
	32410008	1	Platform Assy Complete, 60" X 86" + 15" Ramp (Break Even) w/ Cart Stop & Bottom Stops
	32410009	1	Platform Assy Complete, 72" X 86" + 15" Ramp (Break Even)
	32410011	1	Platform Assy Complete, 72" X 86" + 15" Ramp (Break Even) w/ Cart Stop
	32410010	1	Platform Assy Complete, 72" X 86" + 15" Ramp (Break Even) w/ Bottom Stops
	32410012	1	Platform Assy Complete, 72" X 86" + 15" Ramp (Break Even) w/ Cart Stop & Bottom Stops
1	32411005	1	Deck Assy, 60" x 86" + 15"
	32411006	1	Deck Assy, 60" x 86" + 15" w/ Bottom Stops
	32411007	1	Deck Assy, 42" x 86" (72" + 15" & 86" B.E. Platforms)
	32411008	1	Deck Assy, 42" x 86" (72" + 15" & 86" B.E. Platforms) w/ Bottom Stops
2	32418003	1	Deck Ext Assy, 60" x 86" + 15"
	32418004	1	Deck Ext Assy, 60" x 86" + 15" w/ Cart Stop
	32418005	1	Deck Ext Assy, 72" x 86" + 15"
	32418006	1	Deck Ext Assy, 72" x 86" + 15" w/ Cart Stop
3	85803418	1	86"Cart Stop Ramp Assembly Complete (Items 23 Thru 31)
4	85803544	2	Lower Abrasion Sleeve w/ Pop Rivets
5	85803542	2	Upper Abrasion Sleeve w/ Pop Rivets
6	37417501	2	Extension Hinge Pin
7	75086055	2	3/8"-16 x 3/4" Lg. Gr. 5 Hex Bolt
8	75088081	2	3/8" Lock Washer
9	85803391	2	1-1/4" O.D. x 1" I.D. x 1" Lg. Bearing
10	85803456	2	Double Clevis Link (w/ Clevis Pins and Cotter Pins)

ITEM	PART NUMBER	QTY	DESCRIPTION
11	85803443	2	Connecting Link Bar (72" + 15" Ramp Only)
	85803587	2	Connecting Link Bar (60" + 15" Ramp Only)
12	75088082	2	7/16" Lock Washer
13	85803462	2	7/16"-20 x 1-1/2" Hex Bolt (Grade 8)
14	85803444	2	Connecting Link
15	85803561	2	Platform Bottom Stop Pin Assembly (Bottom Stop Platforms Only)
16	31417501	1	Platform Stop Angle Ass'y
*17	85803463	2	7/16"-20 x 1-3/4" Hex Bolt (Grade 8)
*18	85803464	2	7/16"-20 Lock Nut
19	75085161	1	1/4"-20 Lock Nut
20	85803550	2	Linkage Retainer Collar
*21	75086215	2	1/4"-20 x 2-1/2" Hex Bolt
22	85803596	2	Chain Linkage Assembly (72" + 15" Ramp & 60" + 15" Ramp Only)
23	35442501	1	Cart Stop Brace Assembly
24	75089752	5	Extension Spring
25	85803419	1	86" Cart Stop Assembly (Cart Stop Platforms Only)
26	35440502	1	Cart Stop Pin Assembly (Cart Stop Platforms Only)
27	35442002	1	Cart Stop Lever Assembly (Cart Stop Platforms Only)
28	75088056	1	1/2" Plain Washer
29	75084052	1	5/32" x 1" Cotter Pin
30	75089547	1	3/16" x 1" Coiled Pin
31	75088064	1	5/8" Plain Washer

PLATFORM & LINKAGE
 (Built 1-02 thru 10-05)



*** NOTE**

These are special high grade nuts and bolts and must be purchased from Waltco.

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WDL RM SERIES

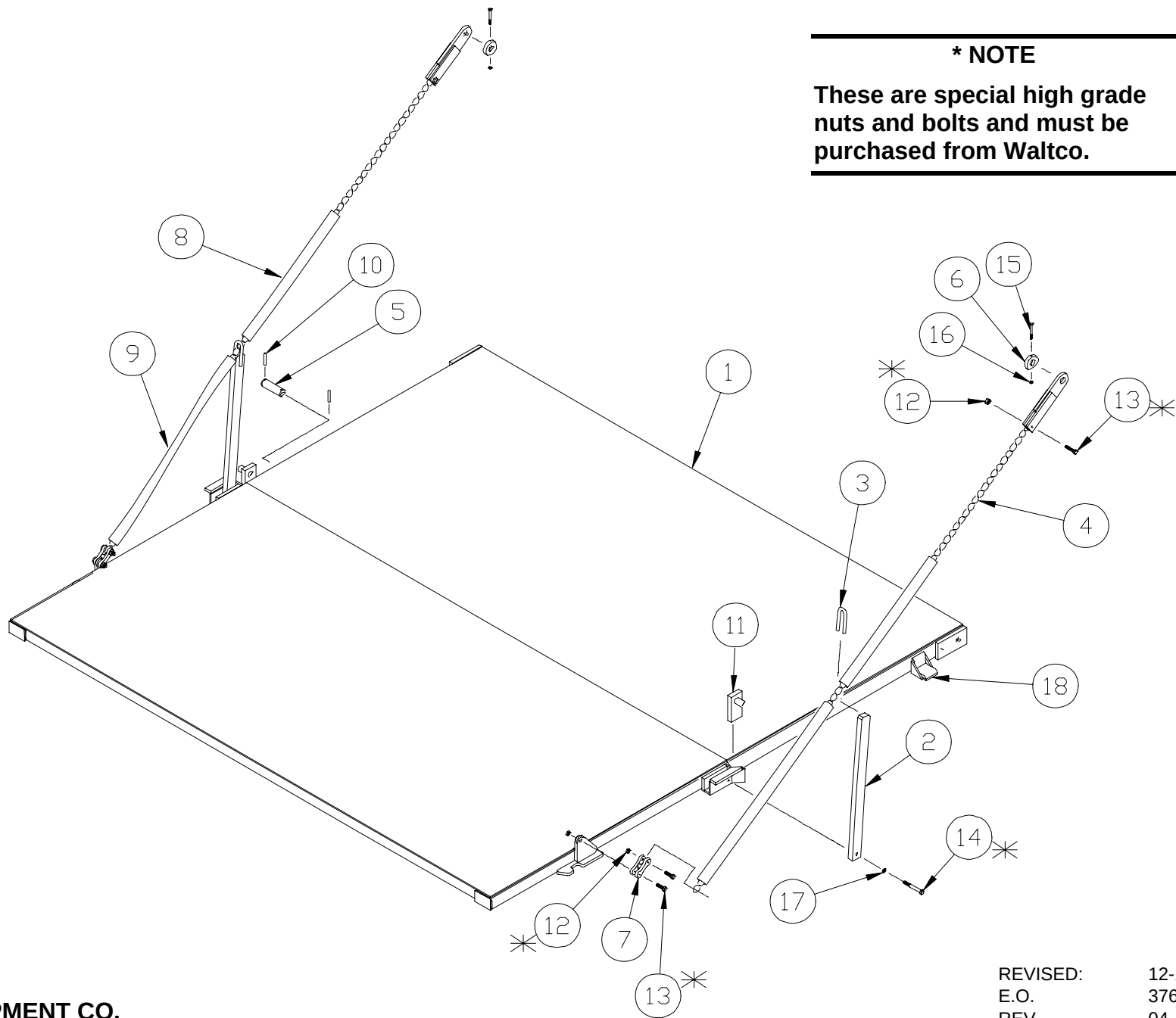
REVISED: 5-1-09
 E.O. 6219
 REV. 04

PM-456A

ITEM	PART NUMBER	QTY	DESCRIPTION
A	31410005	1	Platform Assy Comp, 60"x80"+15" Ramp
	31410007	1	Platform Assy Comp, 60"x80"+15" Ramp w/ Cart Stop
	31410009	1	Platform Assy Comp, 72"x80"+15" Ramp
	31410011	1	Platform Assy Comp, 72"x80"+15" Ramp w/ Cart Stop
	32410005	1	Platform Assy Comp, 60"x86"+15" Ramp
	32410007	1	Platform Assy Comp, 60"x86"+15" Ramp w/ Cart Stop
	32410009	1	Platform Assy Comp, 72"x86"+15" Ramp
	32410011	1	Platform Assy Comp, 72"x86"+15" Ramp w/ Cart Stop
1	31411005	1	Deck Assy, 60"x80"+15"
	31411007	1	Deck Assy, 42"x80" (72"+15" & 86" B.E. Platforms)
	32411005	1	Deck Assy, 60"x86"+15"
	32411007	1	Deck Assy, 42"x86" (72"+15" & 86" B.E. Platforms)
2	31418003	1	Deck Ext Assy, 60"x80"+15"
	31418004	1	Deck Ext Assy, 60"x80"+15" w/ Cart Stop
	31418005	1	Deck Ext Assy, 72"x80"+15"
	31418006	1	Deck Ext Assy, 72"x80"+15" w/ Cart Stop
	32418003	1	Deck Ext Assy, 60"x86"+15"
	32418004	1	Deck Ext Assy, 60"x86"+15" w/ Cart Stop
	32418005	1	Deck Ext Assy, 72"x86"+15"
	32418006	1	Deck Ext Assy, 72"x86"+15" w/ Cart Stop
3	85803191	1	80" Cart Stop Ramp Assembly Complete (Items 18 Thru 27)
	85803418	1	86" Cart Stop Ramp Assembly Complete (Items 18 Thru 27)
4	85803544	2	Lower Abrasion Sleeve w/ Pop Rivets
5	85803542	2	Upper Abrasion Sleeve w/ Pop Rivets
6	37417501	2	Extension Hinge Pin
7	75086055	2	3/8"-16 x 3/4" Lg. Gr. 5 Hex Bolt
8	75088081	2	3/8" Lock Washer
9	85803391	2	1-1/4" O.D. x 1" I.D. x 1" Lg. Bearing
10	85803456	2	Double Clevis Link (w/ Clevis Pins and Cotter Pins)
11	85803443	2	Connecting Link Bar (72"+15" Ramp Only)

ITEM	PART NUMBER	QTY	DESCRIPTION
	85803587	2	Connecting Link Bar (60"+15" Ramp Only)
12	75088082	2	7/16" Lock Washer
13	85803462	4	7/16"-20 x 1-1/2" Hex Bolt (Grade 8)
14	85803444	2	Connecting Link
15	75088064	1	5/8" Plain Washer
16	31417501	1	Platform Stop Angle Assy
*17	75085198	4	3/4"-16 Locknut (Grade 5)
*18	85803464	2	7/16"-20 Lock Nut
19	75085161	1	1/4"-20 Lock Nut
20	85803550	2	Linkage Retainer Collar
*21	75086215	2	1/4"-20 x 2-1/2" Hex Bolt
22	85803596	2	Chain Linkage Assembly (72"+15" Ramp & 60"+15" Ramp Only)
23	35442501	1	Cart Stop Brace Assembly
24	75089752	5	Extension Spring
25	85803192	1	80" Cart Stop Assembly (Cart Stop Platforms Only)
	85803419	1	86" Cart Stop Assembly (Cart Stop Platforms Only)
26	35440502	1	Cart Stop Pin Assembly (Cart Stop Platforms Only)
27	35442002	1	Cart Stop Lever Assembly (Cart Stop Platforms Only)
28	75088056	1	1/2" Plain Washer
29	75084052	1	5/32" x 1" Cotter Pin
30	75089547	1	3/16" x 1" Coiled Pin
31	31452001	1	Bottom Stop Hook Assy, Curb Side
32	31452051	1	Bottom Stop Hook Assy, Street Side
*33	75086179	4	3/4"-16 x 4" Lg. Hex Bolt (Grade 5)
34	75088053	2	3/8" Flat Washer

PLATFORM & LINKAGE (BUTT END)
(Built thru 10-98)

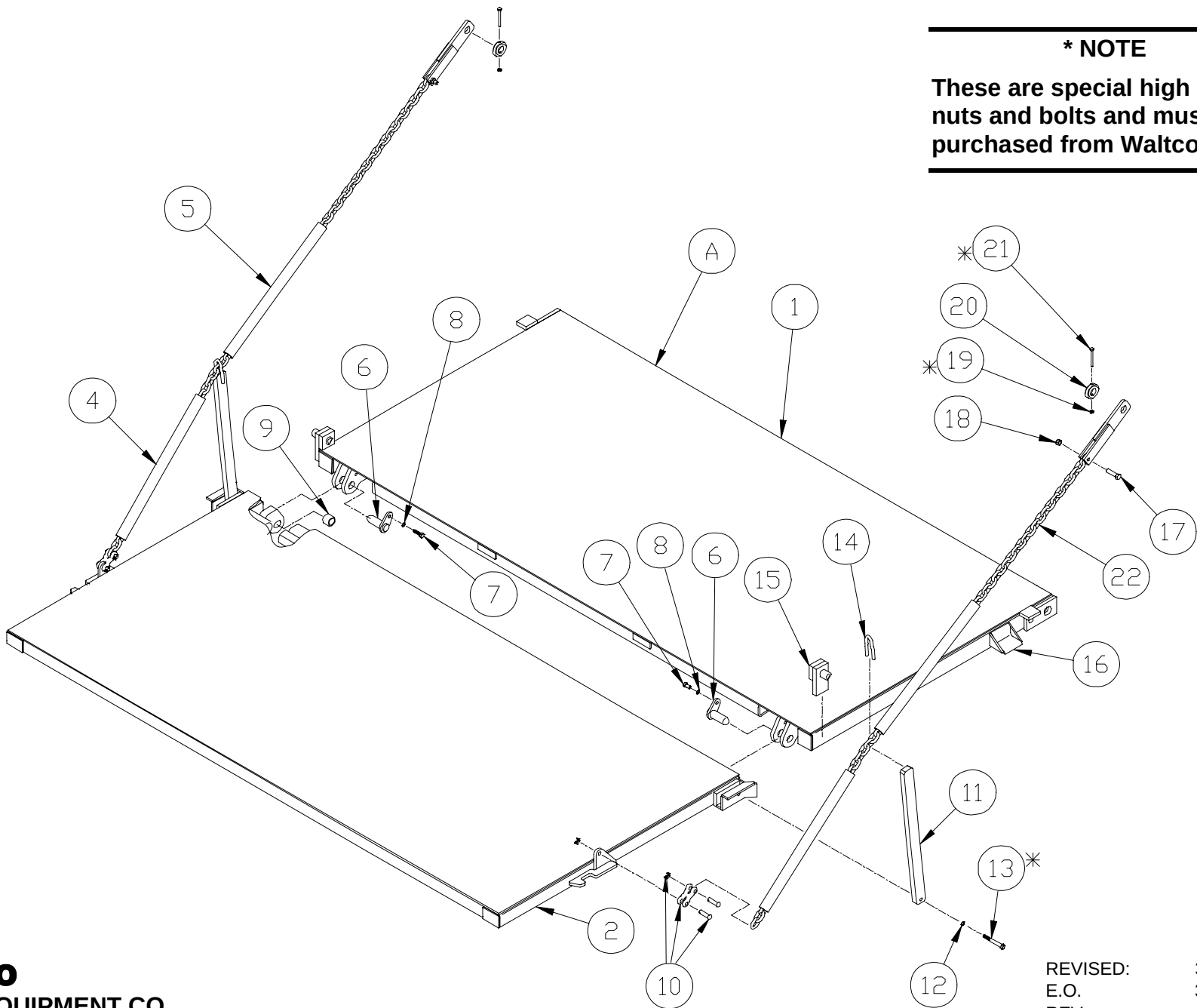


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TRUCK EQUIPMENT CO.
WDL SERIES

PM-296

ITEM	PART NUMBER	QTY	DESCRIPTION
1	85803772	1	60" x 80" (Break Even)
	85803628	1	60" x 80" (Break Even) w/ Bottom Stops
	85803701	1	72" x 80" (Break Even)
	85803644	1	72" x 80" (Break Even) w/ Bottom Stops
	85803157	1	86" x 80" (Break Even)
	85803648	1	86" x 80" (Break Even) w/ Bottom Stops
	85803625	1	60" x 86" (Break Even)
	85803629	1	60" x 86" (Break Even) w/ Bottom Stops
	85803704	1	72"x 86" (Break Even)
	85803645	1	72" x 86" (Break Even) w/ Bottom Stops
	85803498	1	86" x 86" (Break Even)
	85803649	1	86" x 86" (Break Even) w/ Bottom Stops
2	85803443	2	Connecting Link Bar (86" Butt End Only)
	85803587	2	Connecting Link Bar (72" Butt End Only)
	85803589	2	Connecting Link Bar (60" Butt End Only)
3	85803444	2	Connecting Link
4	85803596	2	Chain Linkage Assembly (86" Butt End & 72" Butt End)
	85803592	2	Chain Linkage Assembly (60" Butt End Only)
5	85803105	2	Extension Hinge Pin
6	85803550	2	Linkage Retainer Collar
7	85803456	2	Double Clevis Link
8	85803542	2	Upper Abrasion Sleeve w/ Pop Rivets
9	85803544	2	Lower Abrasion Sleeve w/ Pop Rivets
10	75089541	4	1/4" x 1-7/8" Coil Pin
11	85803561	2	Platform Bottom Stop Pin Assembly (Bottom Stop Platforms Only)
*12	85803464	6	7/16"-20 Lock Nut
*13	85803463	4	7/16"-20 x 1-3/4" Hex Bolt (Grade 8)
*14	85803462	2	7/16"-20 x 1-1/2" Hex Bolt (Grade 8)
15	75086215	2	1/4"-20 x 2-1/2" Hex Bolt
16	75085175	2	1/4"-20 Lock Nut
17	75088082	2	7/16" Lock Washer
18	85803799	2	Platform Stop Angle Assembly

PLATFORM & LINKAGE (BUTT END) (96” Wide Liftgates)
 (Built 10-98 thru 1-02)



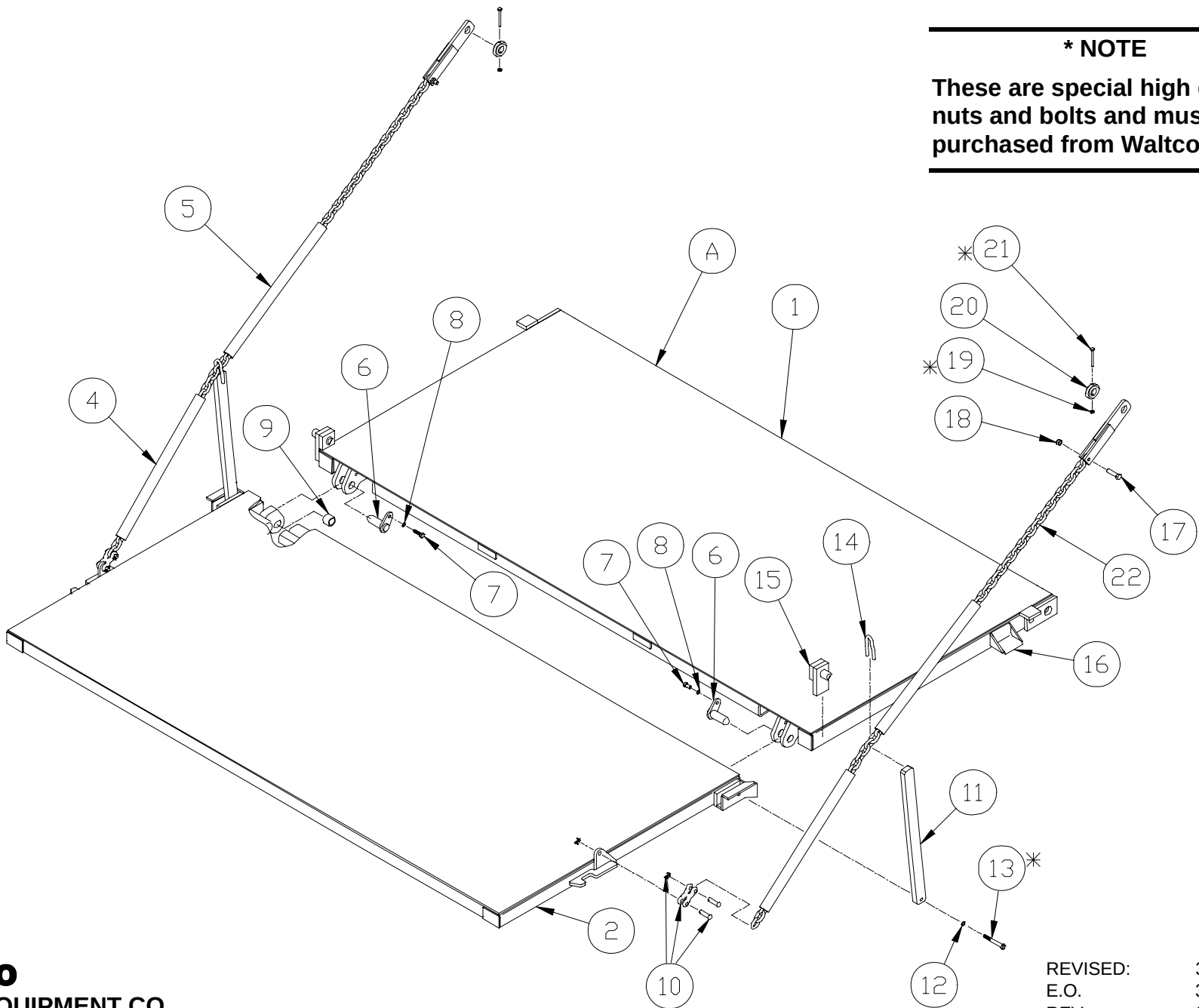
WALTCO
TRUCK EQUIPMENT CO.
WDL RM SERIES (96” Wide)

PM-457

ITEM	PART NUMBER	QTY	DESCRIPTION
A	31410001	1	Platform Assy Complete, 60" x 80" B.E.
	31410002	1	Platform Assy Complete, 60" x 80" B.E. w/ Bottom Stops
	31410003	1	Platform Assy Complete, 72" x 80" B.E.
	31410004	1	Platform Assy Complete, 72" x 80" B.E. w/ Bottom Stops
	31410013	1	Platform Assy Complete, 86" x 80" B.E.
	31410014	1	Platform Assy Complete, 86" x 80" B.E. w/ Bottom Stops
1	31411001	1	Deck Assy, 60" x 80" B.E.
	31411002	1	Deck Assy, 60" x 80" B.E. w/ Bottom Stops
	31411003	1	Deck Assy, 72" x 80" B.E.
	31411004	1	Deck Assy, 72" x 80" B.E. w/ Bottom Stops
	31411007	1	Deck Assy, 86" x 80" B.E.
	31411008	1	Deck Assy, 86" x 80" B.E. w/ Bottom Stops
2	31418001	1	Deck Ext Assy, 60" x 80" B.E.
	31418002	1	Deck Ext Assy, 72" x 80" B.E.
	31418007	1	Deck Ext Assy, 86" x 80" B.E.
4	85803544	2	Lower Abrasion Sleeve w/ Pop Rivets
5	85803542	2	Upper Abrasion Sleeve w/ Pop Rivets
6	37417501	2	Extension Hinge Pin
7	75086055	2	3/8"-16 x 3/4" Lg. Gr. 5 Hex Bolt
8	75088081	2	3/8" Lock Washer
9	85803391	2	1-1/4" O.D. x 1" I.D. x 1" Lg. Bearing
10	85803456	2	Double Clevis Link (w/ Clevis Pins and Cotter Pins)
11	85803587	2	Connecting Link Bar (60" B.E. & 72" B.E. Only)
	85803443	2	Connecting Link Bar (86" B.E. Only)
12	75088082	2	7/16" Lock Washer
13	85803462	2	7/16"-20 x 1-1/2" Hex Bolt (Grade 8)
14	85803444	2	Connecting Link
15	85803561	2	Platform Bottom Stop Pin Assembly (Bottom Stop Platforms Only)
16	31417501	1	Platform Stop Angle Assembly
*17	85803463	2	7/16"-20 x 1-3/4" Hex Bolt (Grade 8)

ITEM	PART NUMBER	QTY	DESCRIPTION
*18	85803464	2	7/16"-20 Lock Nut
19	75085161	1	1/4"-20 Lock Nut
20	85803550	2	Linkage Retainer Collar
*21	75086215	2	1/4"-20 x 2-1/2" Hex Bolt
22	85803592	2	Chain Linkage Assembly (60" B.E. Only)
	85803596	2	Chain Linkage Assy (72" B.E. & 86" B.E. Only)

PLATFORM & LINKAGE (BUTT END) (102” Wide Liftgates)
 (Built 10-98 thru 1-02)



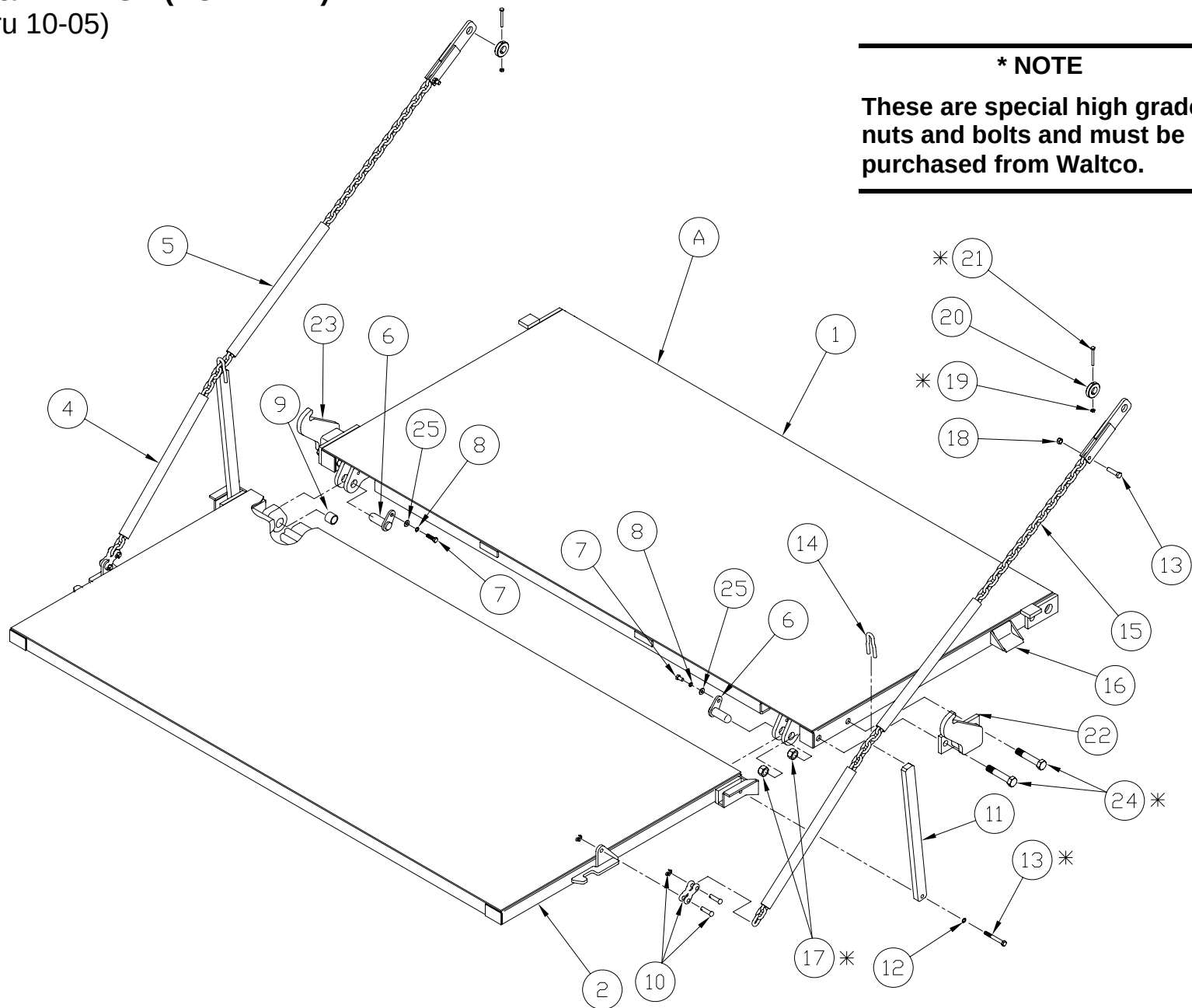
WALTCO
TRUCK EQUIPMENT CO.
WDL RM SERIES (102” Wide)

PM-483

ITEM	PART NUMBER	QTY	DESCRIPTION
A	32410001	1	Platform Assy Complete 60" x 86" B.E.
	32410002	1	Platform Assy Complete 60" x 86" B.E. w/ Bottom Stops
	32410003	1	Platform Assy Complete 72" x 86" B.E.
	32410004	1	Platform Assy Complete 72" x 86" B.E. w/ Bottom Stops
	32410013	1	Platform Assy Complete 86" x 86" B.E.
	32410014	1	Platform Assy Complete 86" x 86" B.E. w/ Bottom Stops
1	32411001	1	Deck Assy 60" x 86" B.E.
	32411002	1	Deck Assy 60" x 86" B.E. w/ Bottom Stops
	32411003	1	Deck Assy 72" x 86" B.E.
	32411004	1	Deck Assy 72" x 86" B.E. w/ Bottom Stops
	32411007	1	Deck Assy 86" x 86" B.E.
	32411008	1	Deck Assy 86" x 86" B.E. w/ Bottom Stops
2	32418001	1	Deck Ext Assy 60" x 86" B.E.
	32418002	1	Deck Ext Assy 72" x 86" B.E.
	32418007	1	Deck Ext Assy 86" x 86" B.E.
3	85803418	1	86"Cart Stop Ramp Assembly Complete (Items 23 Thru 31)
4	85803544	2	Lower Abrasion Sleeve w/ Pop Rivets
5	85803542	2	Upper Abrasion Sleeve w/ Pop Rivets
6	37417501	2	Extension Hinge Pin
7	75086055	2	3/8"-16 x 3/4" Lg. Gr. 5 Hex Bolt
8	75088081	2	3/8" Lock Washer
9	85803391	2	1-1/4" O.D. x 1" I.D. x 1" Lg. Bearing
10	85803456	2	Double Clevis Link (w/ Clevis Pins and Cotter Pins)
11	85803587	2	Connecting Link Bar (60" B.E. & 72" B.E. Only)
	85803443	2	Connecting Link Bar (86" B.E. Only)
12	75088082	2	7/16" Lock Washer
13	85803462	2	7/16"-20 x 1-1/2" Hex Bolt (Grade 8)
14	85803444	2	Connecting Link
15	85803561	2	Platform Bottom Stop Pin Assembly (Bottom Stop Platforms Only)
16	31417501	1	Platform Stop Angle Ass'y
*17	85803463	2	7/16"-20 x 1-3/4" Hex Bolt (Grade 8)
*18	85803464	2	7/16"-20 Lock Nut

ITEM	PART NUMBER	QTY	DESCRIPTION
19	75085161	1	1/4"-20 Lock Nut
20	85803550	2	Linkage Retainer Collar
*21	75086215	2	1/4"-20 x 2-1/2" Hex Bolt
22	85803592	2	Chain Linkage Assembly (60" B.E. Only)
	85803596	2	Chain Linkage Assy (72" B.E. & 86" B.E. Only)

PLATFORM & LINKAGE (BUTT END)
 (Built 1-02 thru 10-05)



WALTCO LIFT CORP.
 WDL RM SERIES

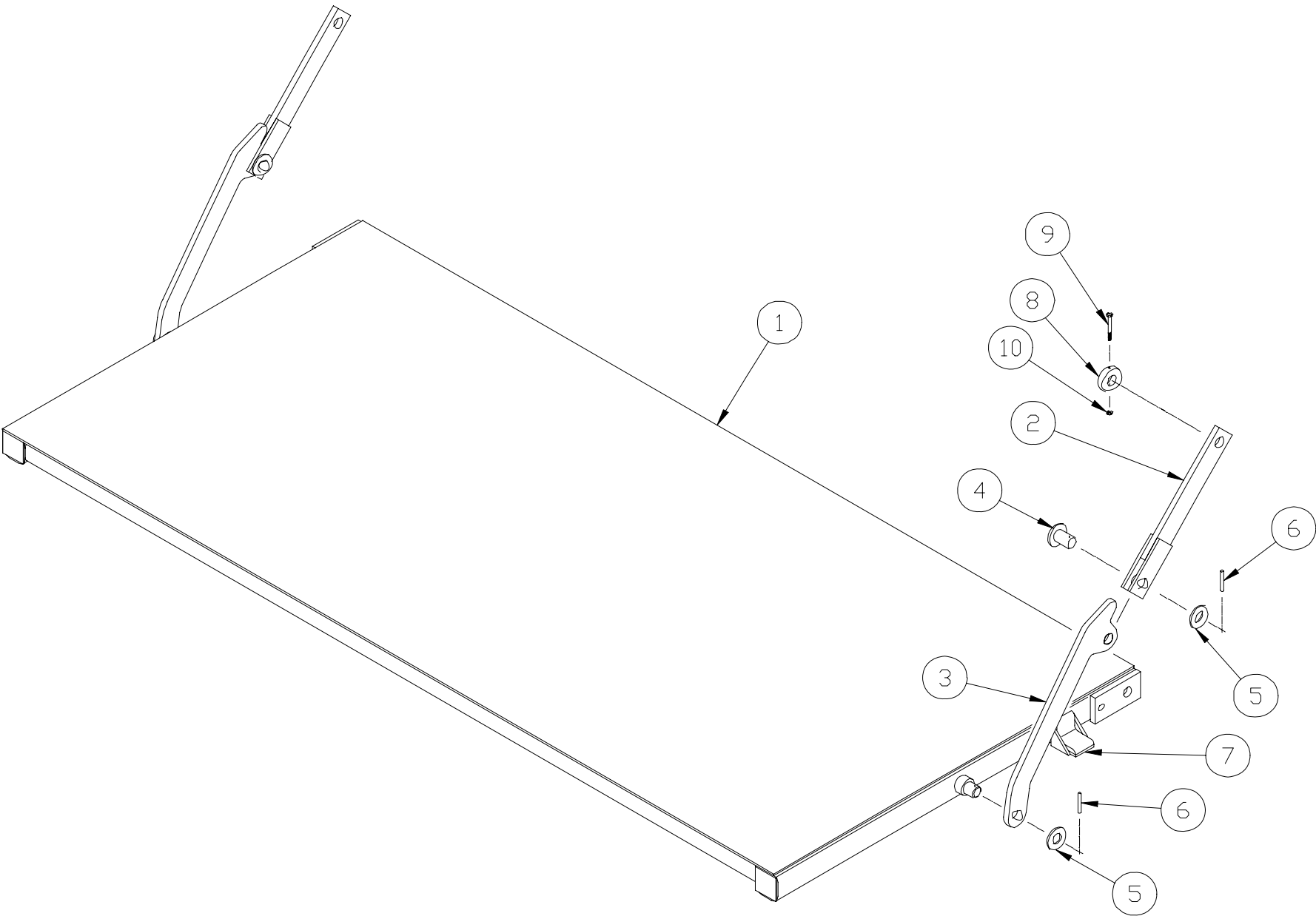
REVISED: 5-1-09
 E.O. 6219
 REV. 03

PM-457A

ITEM	PART NUMBER	QTY	DESCRIPTION
A	31410001	1	Platform Assy Complete, 60" x 80" B.E.
	31410003	1	Platform Assy Complete, 72" x 80" B.E.
	31410013	1	Platform Assy Complete, 86" x 80" B.E.
	32410001	1	Platform Assy Complete, 60" x 86" B.E.
	32410003	1	Platform Assy Complete, 72" x 86" B.E.
	32410013	1	Platform Assy Complete, 86" x 86" B.E.
1	31411001	1	Deck Assy, 60" x 80" B.E.
	31411005	1	Deck Assy, 72" x 80" B.E.
	31411007	1	Deck Assy, 86" x 80" B.E.
	32411001	1	Deck Assy, 60" x 86" B.E.
	32411005	1	Deck Assy, 72" x 86" B.E.
	32411007	1	Deck Assy, 86" x 86" B.E.
2	31418001	1	Deck Ext Assy, 60" x 80" B.E.
	31418002	1	Deck Ext Assy, 72" x 80" B.E.
	31418007	1	Deck Ext Assy, 86" x 80" B.E.
	32418001	1	Deck Ext Assy, 60" x 86" B.E.
	32418002	1	Deck Ext Assy, 72" x 86" B.E.
	32418007	1	Deck Ext Assy, 86" x 86" B.E.
4	85803544	2	Lower Abrasion Sleeve w/ Pop Rivets
5	85803542	2	Upper Abrasion Sleeve w/ Pop Rivets
6	37417501	2	Extension Hinge Pin
7	75086055	2	3/8"-16 x 3/4" Lg. Gr. 5 Hex Bolt
8	75088081	2	3/8" Lock Washer
9	85803391	2	1-1/4" O.D. x 1" I.D. x 1" Lg. Bearing
10	85803456	2	Double Clevis Link (w/ Clevis Pins and Cotter Pins)
11	85803587	2	Connecting Link Bar (60" B.E. & 72" B.E. Only)
	85803443	2	Connecting Link Bar (86" B.E. Only)
12	75088082	2	7/16" Lock Washer
13	85803462	4	7/16"-20 x 1-1/2" Hex Bolt (Grade 8)
14	85803444	2	Connecting Link
15	85803592	2	Chain Linkage Assembly (60" B.E. Only)
	85803596	2	Chain Linkage Assy (72" B.E. & 86" B.E. Only)
16	31417501	1	Platform Stop Angle Assembly
*17	75085198	4	3/4"-16 Locknut (Grade 5)
*18	85803464	2	7/16"-20 Lock Nut
19	75085161	1	1/4"-20 Lock Nut

ITEM	PART NUMBER	QTY	DESCRIPTION
20	85803550	2	Linkage Retainer Collar
*21	75086215	2	1/4"-20 x 2-1/2" Hex Bolt
22	31452001	1	Bottom Stop Hook Assy, Curb Side
23	31452051	1	Bottom Stop Hook Assy, Street Side
*24	75086179	4	3/4"-16 x 4" Lg. Hex Bolt (Grade 5)
25	75088053	2	3/8" Flat Washer

PLATFORM & LINKAGE (One Piece)
(Built thru 10-98)



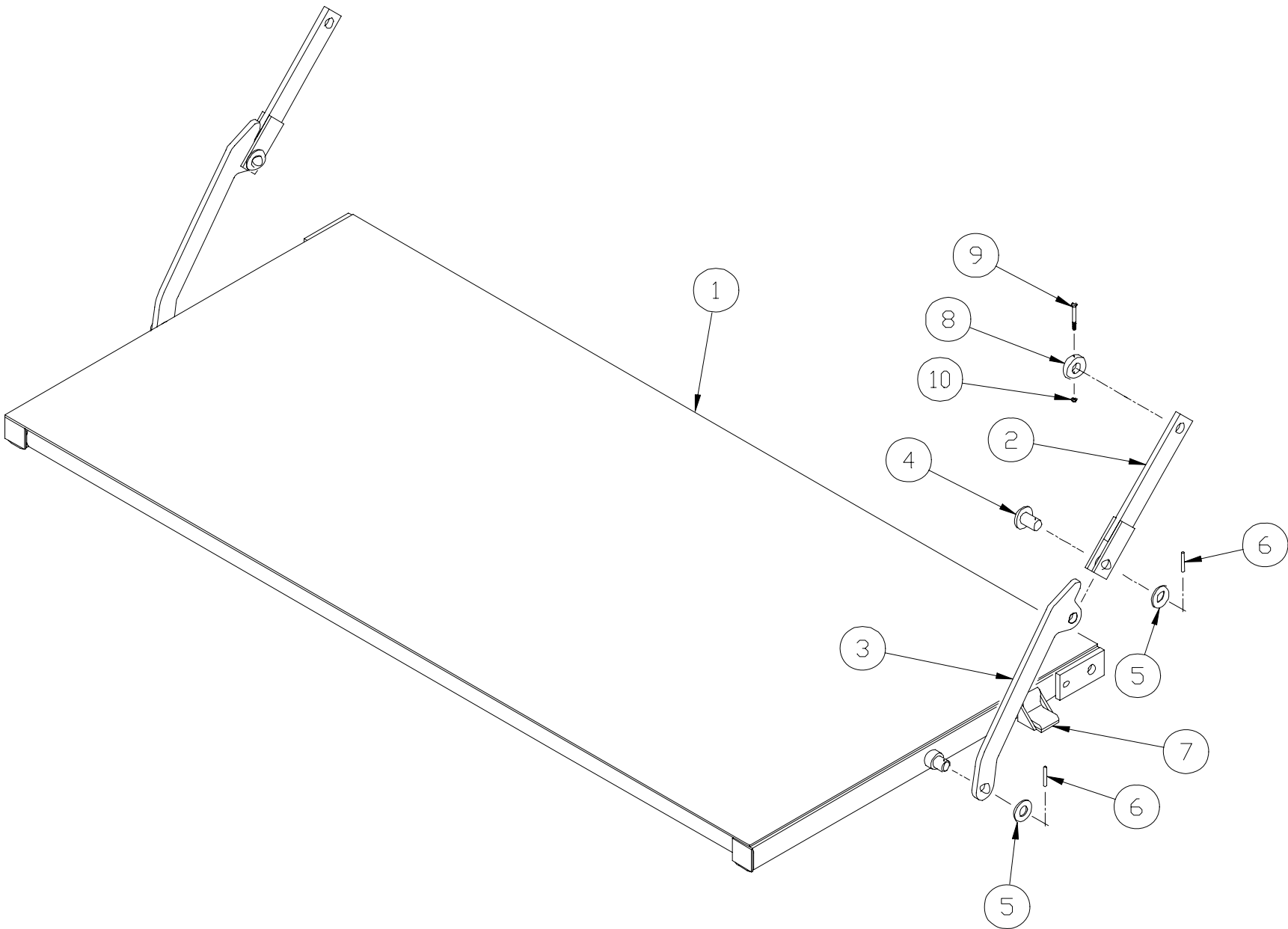
WALTCO
TRUCK EQUIPMENT CO.
WDL SERIES

REVISED: 12-18-98
E.O. 3760
REV. 04

PM-297

ITEM	PART NUMBER	QTY	DESCRIPTION
1	85803400	1	42" x 80" Butt End Platform
	85803721	1	42" x 86" Butt End Platform
2	85803407	2	Upper Link Assembly
3	85803408	2	Lower Link
4	85803406	2	Pin Assembly
5	75088061	4	1" Plain Washer
6	75089541	4	1/4" x 1-7/8" Coiled Pin
7	85803799	1	Platform Stop
8	85803550	2	Linkage Retainer Collar
9	75086215	2	1/4"-20 x 2-1/2" Hex Bolt
10	75085175	2	1/4"-20 Lock Nut

PLATFORM & LINKAGE (ONE PIECE)
(Built 10-98 thru 1-02)



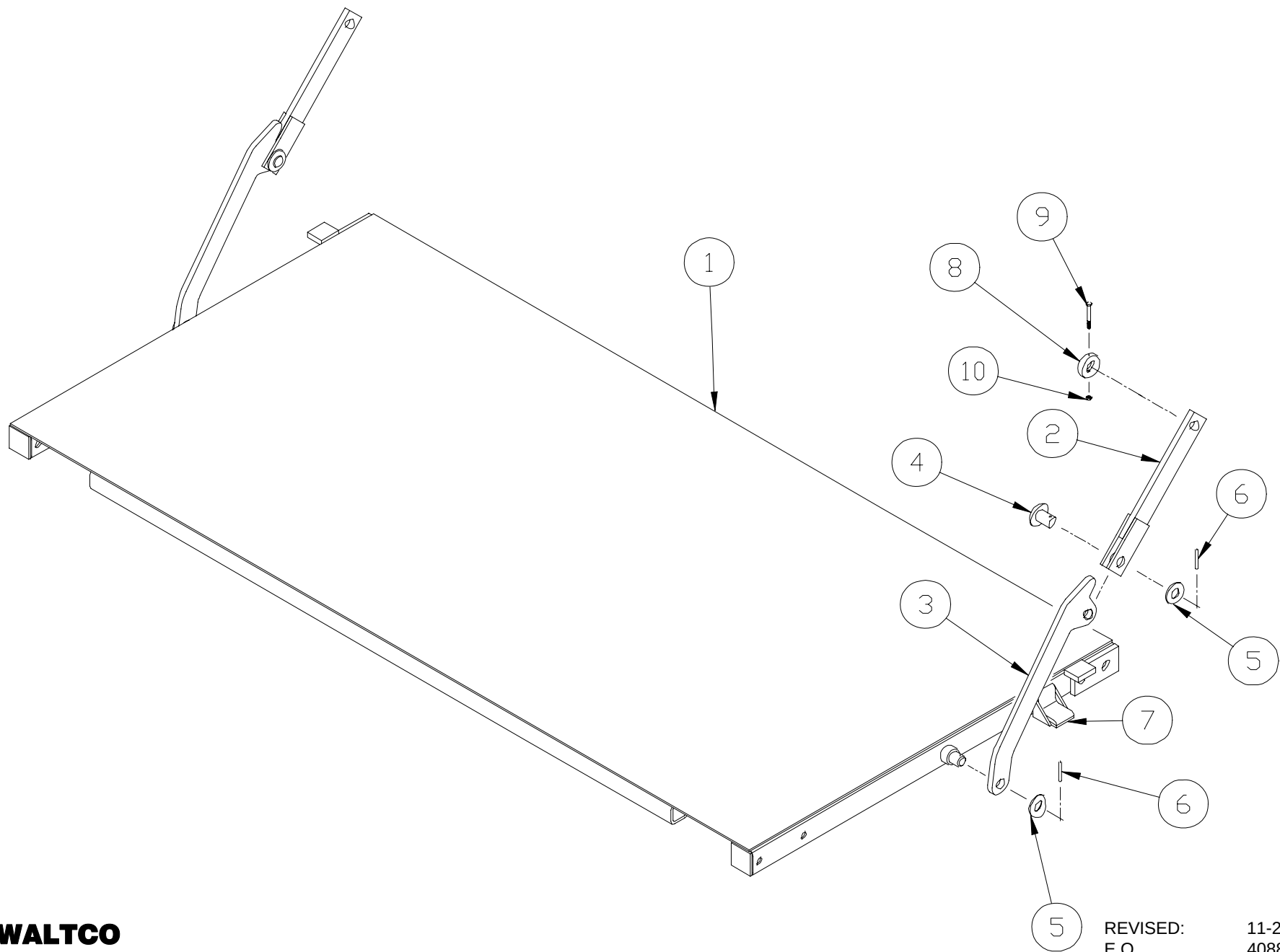
WALTCO
TRUCK EQUIPMENT CO.
WDL RM SERIES

REVISED: 3-1-99
E.O. 3831A
REV. 03

PM-458

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31411009	1	42" x 80" Butt End Platform
	31411010	1	42" x 80" Butt End Platform w/ Bottom Stops
	32411009	1	42" x 86" Butt End Platform
	32411010	1	42" x 86" Butt End Platform w/ Bottom Stops
2	85803407	2	Upper Link Assembly
3	85803408	2	Lower Link
4	85803406	2	Pin Assembly
5	75088061	4	1" Plain Washer
6	75089541	4	1/4" x 1-7/8" Coiled Pin
7	85803799	1	Platform Stop
8	85803550	2	Linkage Retainer Collar
9	75086215	2	1/4"-20 x 2-1/2" Hex Bolt
10	75085161	2	1/4"-20 Lock Nut

PLATFORM & LINKAGE (ONE PIECE)
(Built 1-02 thru 7-03)



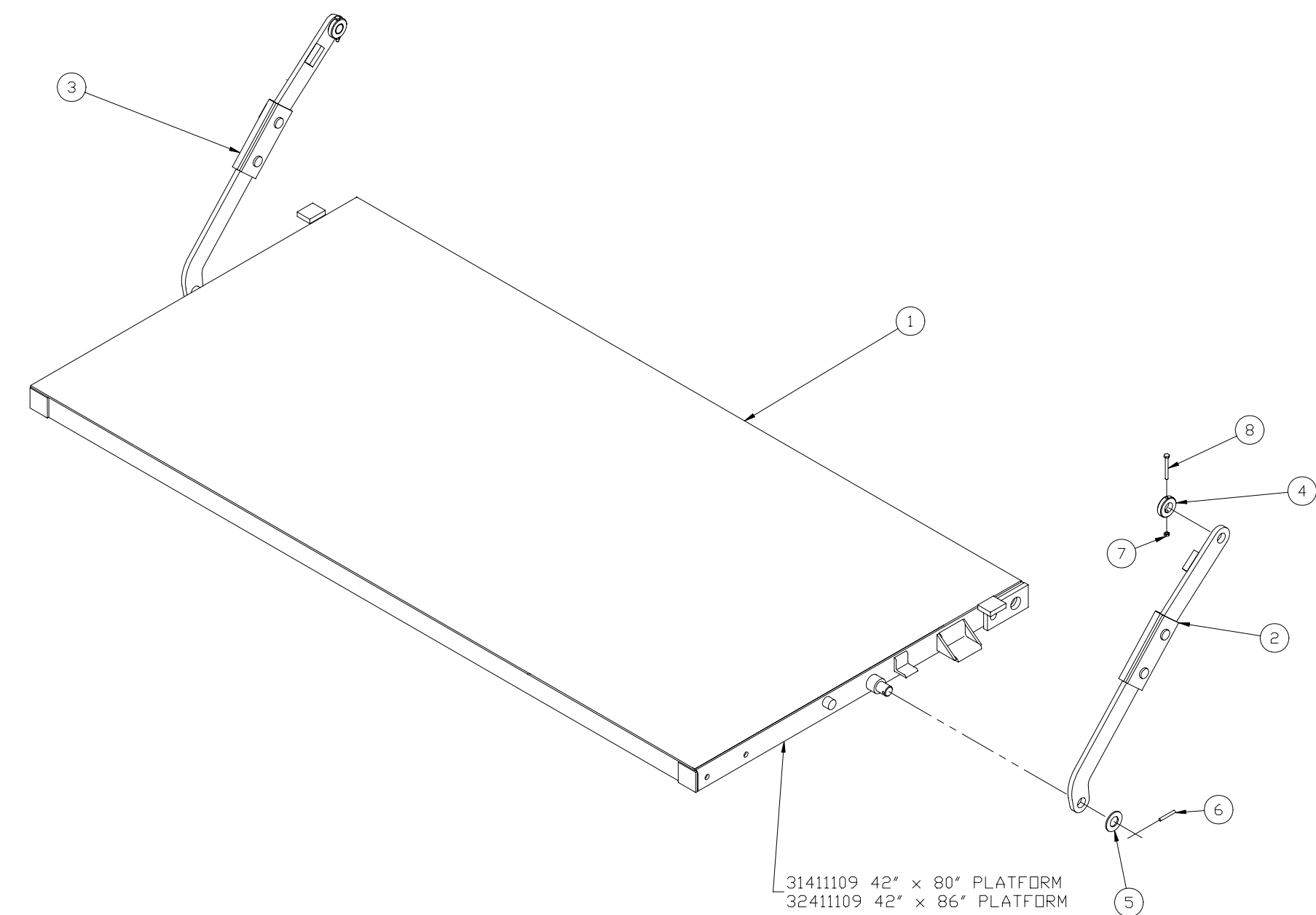
WALTCO
TRUCK EQUIPMENT CO.
WDL RM SERIES

REVISED: 11-2-2001
E.O. 4088
REV. 01

PM-458A

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31411009	1	42" x 80" Butt End Platform
	32411009	1	42" x 86" Butt End Platform
2	85803407	2	Upper Link Assembly
3	85803408	2	Lower Link
4	85803406	2	Pin Assembly
5	75088061	4	1" Plain Washer
6	75089541	4	1/4" x 1-7/8" Coiled Pin
7	85803799	1	Platform Stop
8	85803550	2	Linkage Retainer Collar
9	75086215	2	1/4"-20 x 2-1/2" Hex Bolt
10	75085161	2	1/4"-20 Lock Nut

PLATFORM & LINKAGE (ONE PIECE)
(Built 7-03 thru 10-05)



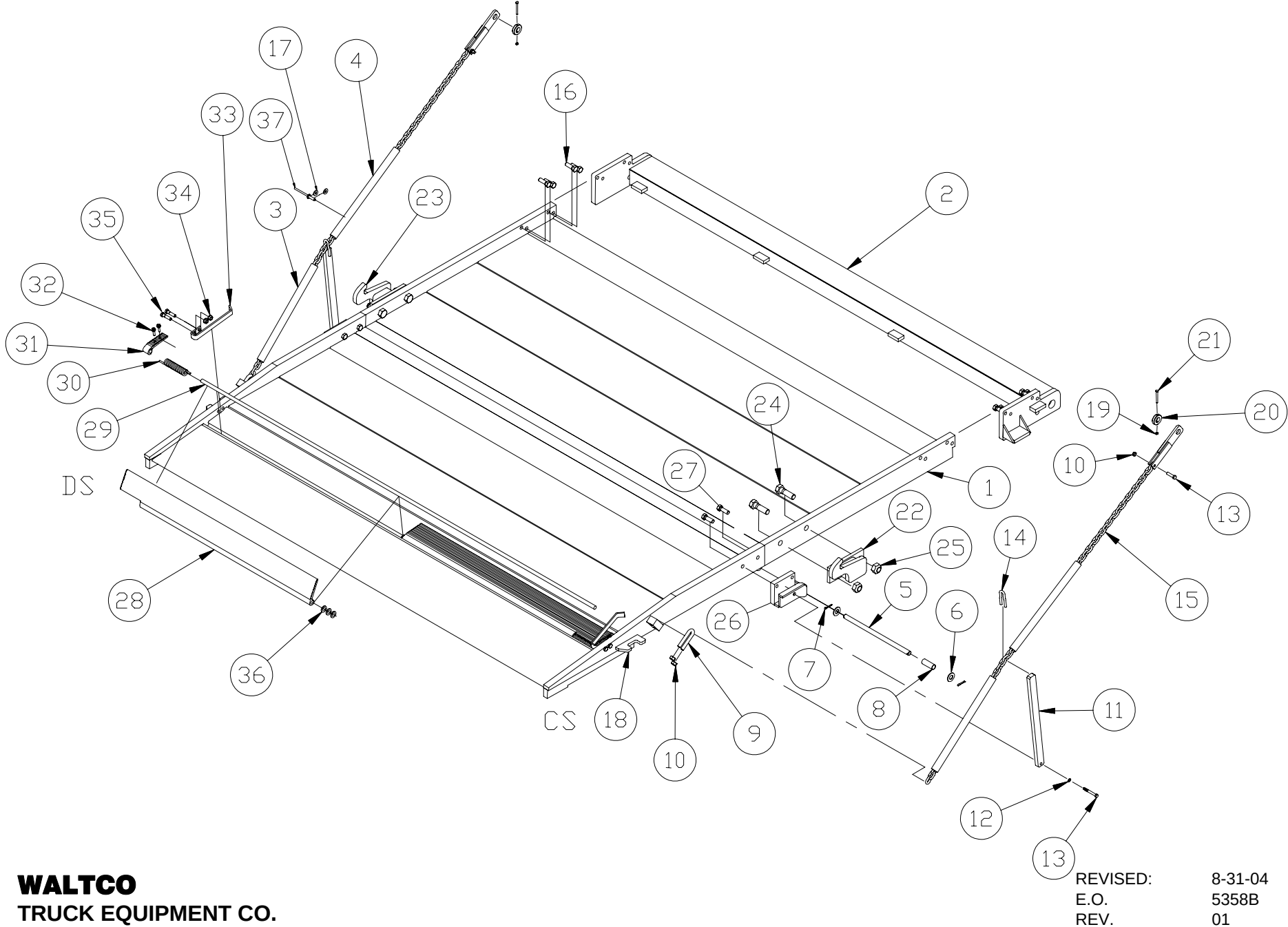
WALTCO
TRUCK EQUIPMENT CO.
WDL RM SERIES

REVISED: 7-16-03
E.O. 5088
REV. 01

PM-458B

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31411109	1	42" x 80" Butt End Platform
	32411109	1	42" x 86" Butt End Platform
2	31255001	1	C.S. Link Assembly
3	31255051	1	D.S. Link Assembly
4	85803550	2	Linkage Retainer Collar
5	75088061	2	1" Plain Washer
6	75089541	2	1/4" x 1-7/8" Coiled Pin
7	75085161	2	1/4"-20 Lock Nut
8	75086215	2	1/4"-20 x 2-1/2" Hex Bolt

ALUMINUM PLATFORM & LINKAGE – 15” RAMP
(Built 9-04 thru 10-05)



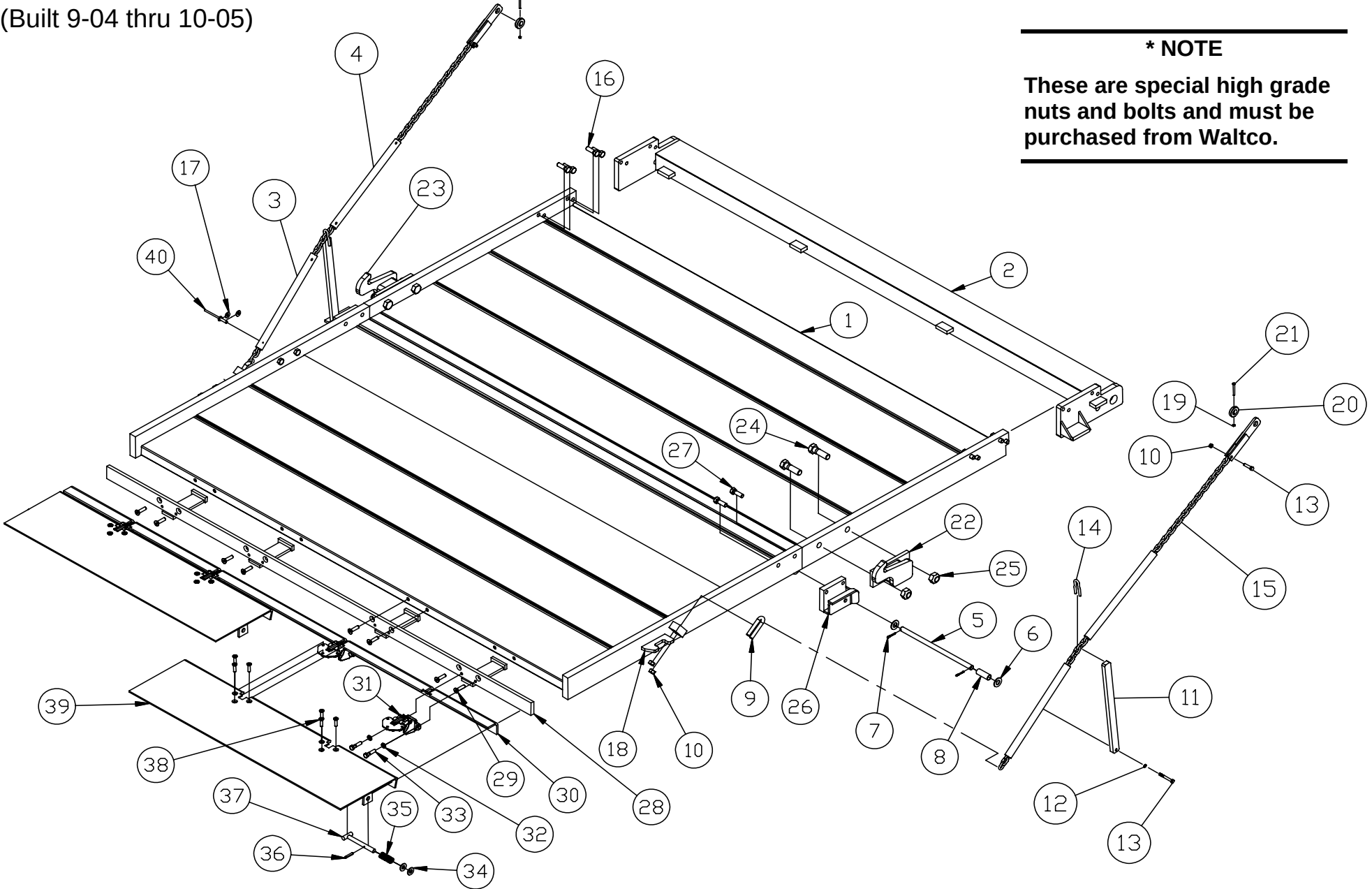
WALTCO
TRUCK EQUIPMENT CO.
WDL RM SERIES

PM-651

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31510009	1	Platform Assy Complete, 72" X 80" + 15" Ramp
	32510009	1	Platform Assy Complete, 72" X 86" + 15" Ramp
	31510011	1	Platform Assy Complete, 72" X 80" + 15" Ramp w/ Cart Stops
	32510011	1	Platform Assy Complete, 72" X 86" + 15" Ramp w/ Cart Stops
2	31512600	1	Pivot Assembly, 80" Platform
	32512600	1	Pivot Assembly, 86" Platform
3	85803542	2	Abrasion Sleeve
4	85803544	2	Abrasion Sleeve
5	31517500	2	Extension Hinge Pin
6	75088258	4	Washer, 5/8", Stainless Steel
7	75084052	4	Cotter Pin, 5/32" x 1"
8	10010174	12	Fiber Bushing, 5/8" ID x 3/4" OD x 2" lg
*9	31519600	2	U-bolt, 7/16"-20
10	85803464	6	Lock Nut, 7/16"-20
11	85803443	2	Connecting Link
12	75088082	2	7/16" Lock Washer
*13	85803462	4	7/16"-20 x 1-1/2" Hex Bolt (Grade 8)
14	85803444	2	Connecting Link
15	31512000	2	Chain Linkage Assembly
*16	75086231	8	1/2" -20 x 2" hex Bolt, Grade 8
17	85803478	16	Washer, 5/16 OD x 1/8" ID x 1/32" Thk.
18	31516100	2	Extension Latch
19	75085161	1	1/4"-20 Lock Nut
20	85803550	2	Linkage Retainer Collar
*21	75086215	2	1/4"-20 x 2-1/2" Hex Bolt
22	31552000	1	Bottom Stop Hook Assy, Curb Side
23	31552050	1	Bottom Stop Hook Assy, Street Side
*24	75086182	4	3/4"-16 x 2-1/2" lg. Hex Bolt (Grade 5)
*25	75085198	4	3/4"-16 Locknut (Grade 5)
26	31513200	1	Linkage Pivot Assy, CS
	31513250	1	Linkage Pivot Assy, DS
*27	75086189	4	1/2-20 x 1-1/2" Hex Bolt, Grade 5
28	22515403	1	Cart Stop, CS, 80" Platform
	32518500	1	Cart Stop, CS, 86" Platform
	22515453	1	Cart Stop, DS, 80" Platform

ITEM	PART NUMBER	QTY	DESCRIPTION
	32518550	1	Cart Stop, DS, 86" Platform
29	22513803	1	Cart Stop Pivot, 80" Platform
	32518700	1	Cart Stop Pivot, 86" Platform
30	22515300	1	Torsion Spring, CS
	22515200	1	Torsion Spring, DS
31	22515500	2	Cart Stop Retainer
32	75086924	4	1/4-20 x1" Hex Screw, self-tapping.
33	22515100	2	Spring Bar
34	75085005	4	3/8-16 Serrated hex Nut
35	75087478	4	3/6-16 x 1-1/2" Hex Bolt
36	75088131	3	Washer, 7/8 OD x 1/2" ID x .078 thk
37	85803477	8	Rivet, 1/8" Dia x 1/4" lg, Aluminum

ALUMINUM PLATFORM & LINKAGE - BUTT END
(Built 9-04 thru 10-05)



*** NOTE**
These are special high grade
nuts and bolts and must be
purchased from Waltco.

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TRUCK EQUIPMENT CO.
WDL RM SERIES

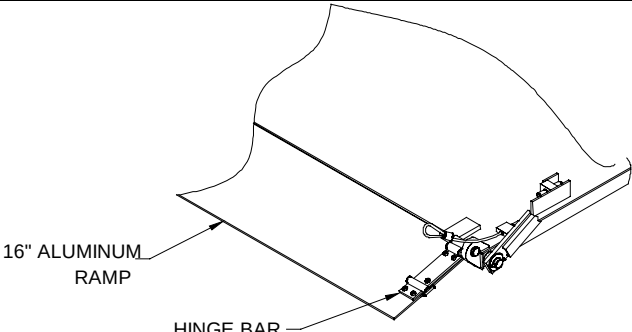
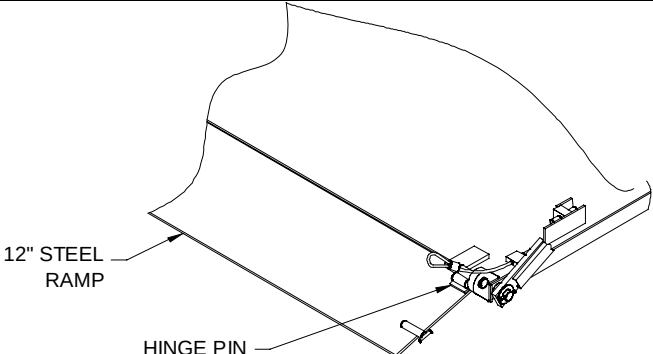
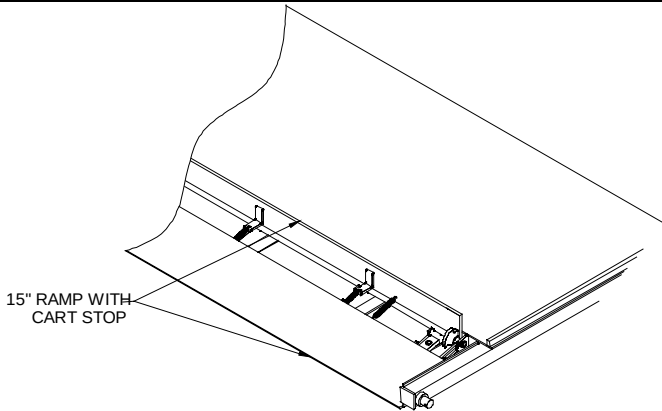
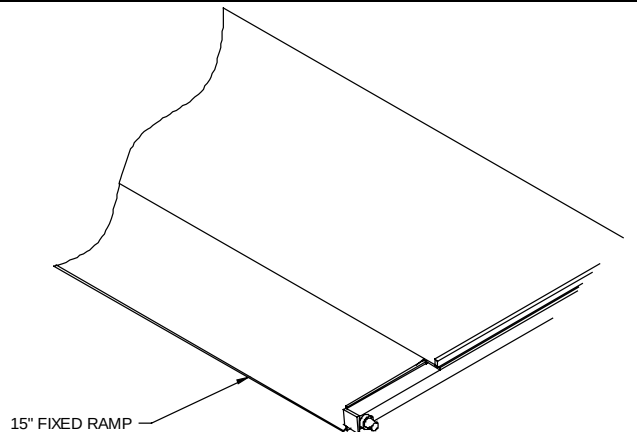
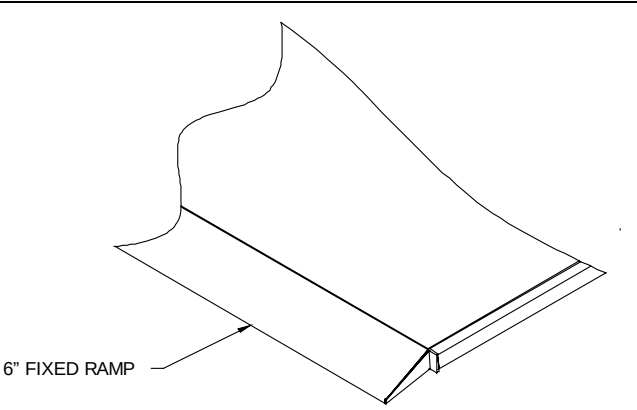
REVISED: 8-30-04
E.O. 5358B
REV. 01

PM-652

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31510013	1	Platform Assy Complete, 86" X 80" Butt End, Aluminum
	32510013	1	Platform Assy Complete, 86" X 86" Butt End, Aluminum
2	31512600	1	Pivot Assembly, 80" Platform
	32512600	1	Pivot Assembly, 86" Platform
3	85803542	2	Abrasion Sleeve
4	85803544	2	Abrasion Sleeve
5	31517500	2	Extension Hinge Pin
6	75088258	4	Washer, 5/8", Stainless Steel
7	75084052	4	Cotter Pin, 5/32" x 1"
8	10010174	12	Fiber Bushing, 5/8" ID x 3/4" OD x 2" lg
*9	31519600	2	U-bolt, 7/16"-20
10	85803464	6	Lock Nut, 7/16"-20
11	85803443	2	Connecting Link
12	75088082	2	7/16" Lock Washer
*13	85803462	4	7/16"-20 x 1-1/2" Hex Bolt (Grade 8)
14	85803444	2	Connecting Link
15	31512000	2	Chain Linkage Assembly
*16	75086231	8	1/2" -20 x 2" hex Bolt, Grade 8
17	85803478	16	Washer, 5/16 OD x 1/8" ID x 1/32" Thk.
18	31516100	2	Extension Latch
19	75085161	1	1/4"-20 Lock Nut
20	85803550	2	Linkage Retainer Collar
*21	75086215	2	1/4"-20 x 2-1/2" Hex Bolt
22	31552000	1	Bottom Stop Hook Assy, Curb Side
23	31552050	1	Bottom Stop Hook Assy, Street Side
*24	75086182	4	3/4"-16 x 2-1/2" lg. Hex Bolt (Grade 5)
*25	75085198	4	3/4"-16 Locknut (Grade 5)
26	31513200	1	Linkage Pivot Assy, CS
	31513250	1	Linkage Pivot Assy, DS
*27	75086189	4	1/2"-20 x 1-1/2" Hex Bolt, Grade 5
28	31516000	1	Mounting Bar Assy, 80" Platform
	32516000	1	Mounting Bar Assy, 86" Platform
*29	75086052	8	Flat Head Socket Screw, 3/8-16 x 1-1/2", Gr 6
30	31515100	1	Ramp Mount Angle, 80" Platform
	32515100	1	Ramp Mount Angle, 86" Platform
31	Z50636	4	Locking Hinge

ITEM	PART NUMBER	QTY	DESCRIPTION
32	75088081	8	3/8" Lock Washer
*33	75086070	8	3/8"-24 x 1-1/2" Hex Bolt, Gr 8
34	75088067	4	1/2" Washer
35	20215400	2	Compression Spring
36	75089553	2	1/4" Dia x 1-1/4" Coil Pin
37	85803485	2	Latch Pin
*38	75086273	12	Flat Head Socket Screw, M8 x 1.25 x 30 mm, Gr 10.9
39	31515600	2	10" Steel Ramp, for 80" Platforms
	32515600	2	10" Steel Ramp, for 86" Platforms
40	85803477	8	Rivet, 1/8" Dia x 1/4" lg, Aluminum

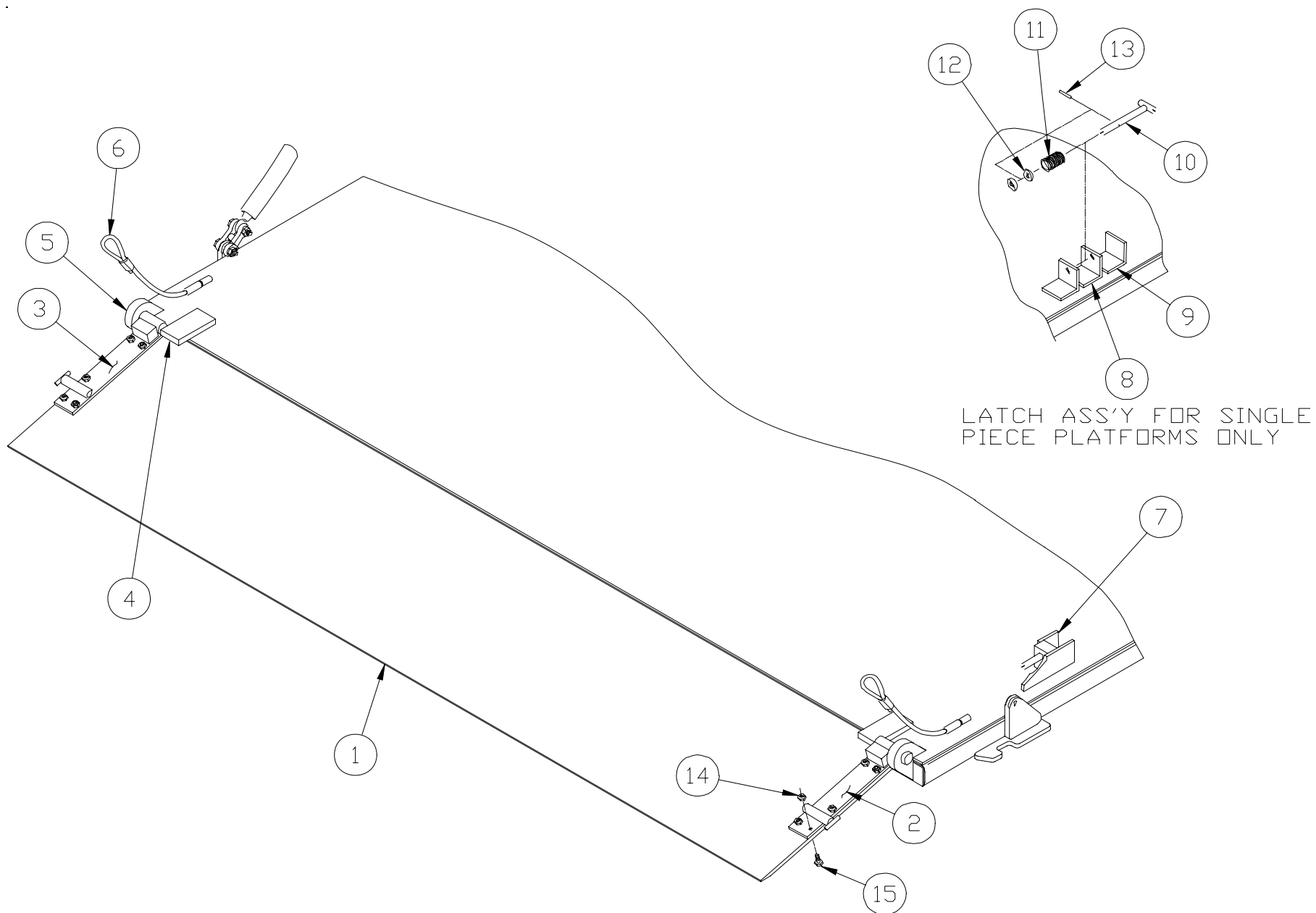
WDL-SERIES RAMPS

 16" ALUMINUM RAMP HINGE BAR	 12" STEEL RAMP HINGE PIN
PM-298 (prior to 11-01) PM-298A (after 11-01)	PM-298 (prior to 11-01) PM-298A (after 11-01)
 15" RAMP WITH CART STOP	 15" FIXED RAMP
PM-295 (all widths) thru 10/98 PM-456 (80") 10/98 thru 1/02 PM-482 (86") 10/98 thru 1/02 PM-456A (all widths) after 1/02	PM-295 (all widths) thru 10/98 PM-456 (80") 10/98 thru 1/02 PM-482 (86") 10/98 thru 1/02 PM-456A (all widths) after 1/02
	 6" FIXED RAMP
	PM-297 thru 10/98 PM-458 10/98 thru 1/02 PM-458A 1/02 thru 7/03 PM-458B after 7/03

80101037 Rev. 02 12/03

[Click here for list of liftgate serial numbers, organized by approximate ship dates.](#)

16” ALUMINUM & 12” STEEL FOLDING RAMPS
(Built thru 11-01)



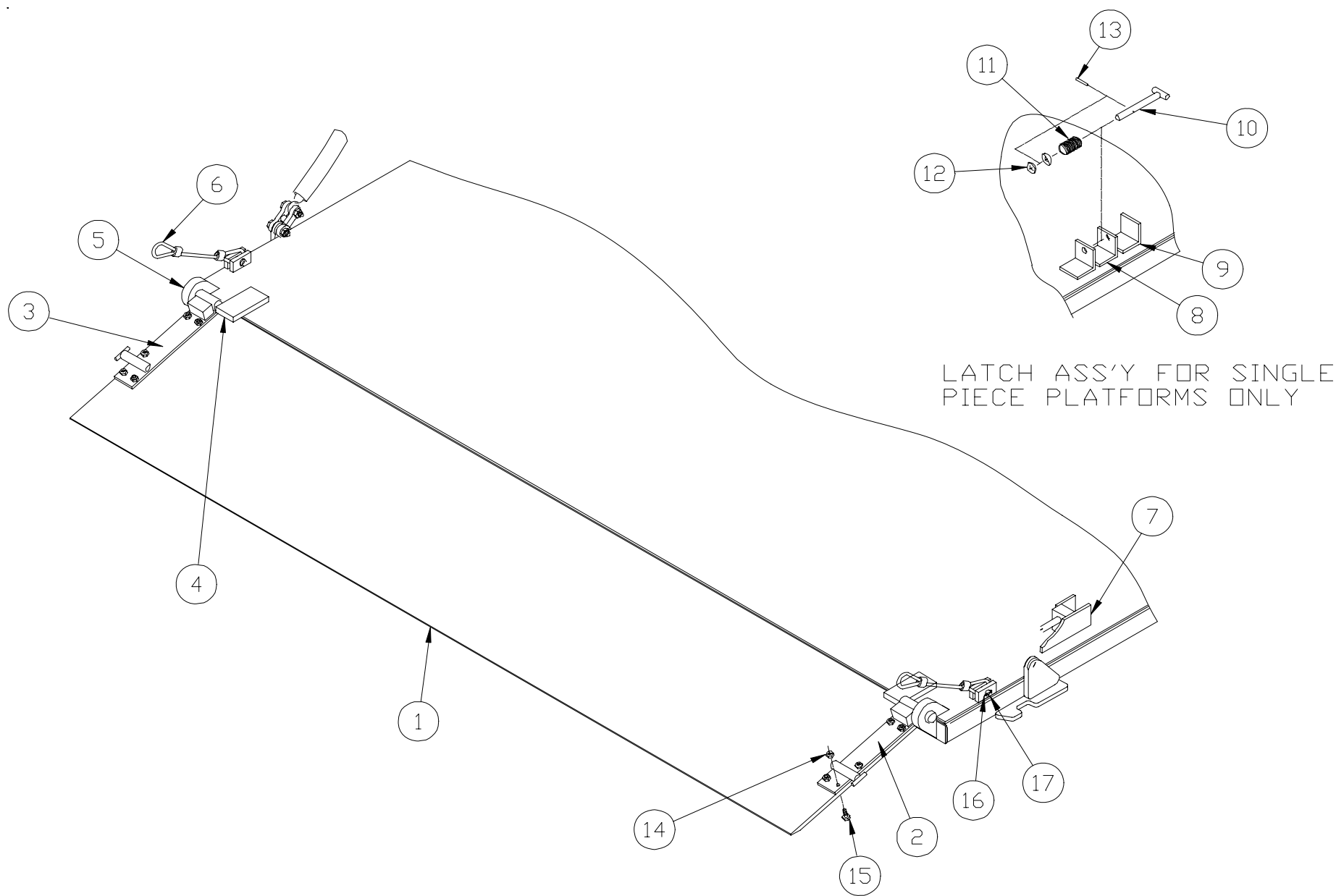
WALTCO
TRUCK EQUIPMENT CO.
WDL RM SERIES

REVISED: 12-11-98
E.O. 3736
REV. 04

PM-298

ITEM	PART NUMBER	QTY	DESCRIPTION
1	85803187	1	16" Aluminum Ramp (80" Platfom)
	85803151	1	16" Aluminum Ramp (86" Platform)
	31416501	1	12" Steel Folding Ramp (80" Platform)
	32416501	1	12" Steel Folding Ramp (86" Platform)
2	37415501	1	Curb Side Hinge Plate Assembly (Aluminum Ramp Only)
3	37415551	1	Street Side Hinge Plate Assembly(Aluminum Ramp Only)
4	37415401	2	Ramp Brace Bar
5	37414801	2	Ramp Hinge Clevis
6	37419501	2	Retention Cable Assembly
7	37414501	1	Ramp Latch Assembly (2 Pc. Platform Only)
8	85803484	2	Ramp latch Angle (1 Pc. Platform Only)
9	85803488	1	Pin Guard Angle (1 Pc. Platform Only)
10	85803485	1	Ramp Latch Pin Assembly (1 Pc. Platform Only)
11	20215400	1	Ramp Latch Pin Spring (1 Pc. Platform Only)
12	75088056	2	1/2" Plain Washer (1 Pc. Platform Only)
13	75089553	1	1/4" x 1-1/4" Coiled Pin (1 Pc. Platform Only)
14	75085193	10	3/8"-16 Hex Lock Nut (Aluminum Ramp Only)
15	75086057	10	3/8"-16 x 1-1/4" Hex Head Bolt (Aluminum Ramp Only)

16” ALUMINUM & 12” STEEL FOLDING RAMPS
(Built 11-01 thru 10-05 and 3-08 thru 2-09)



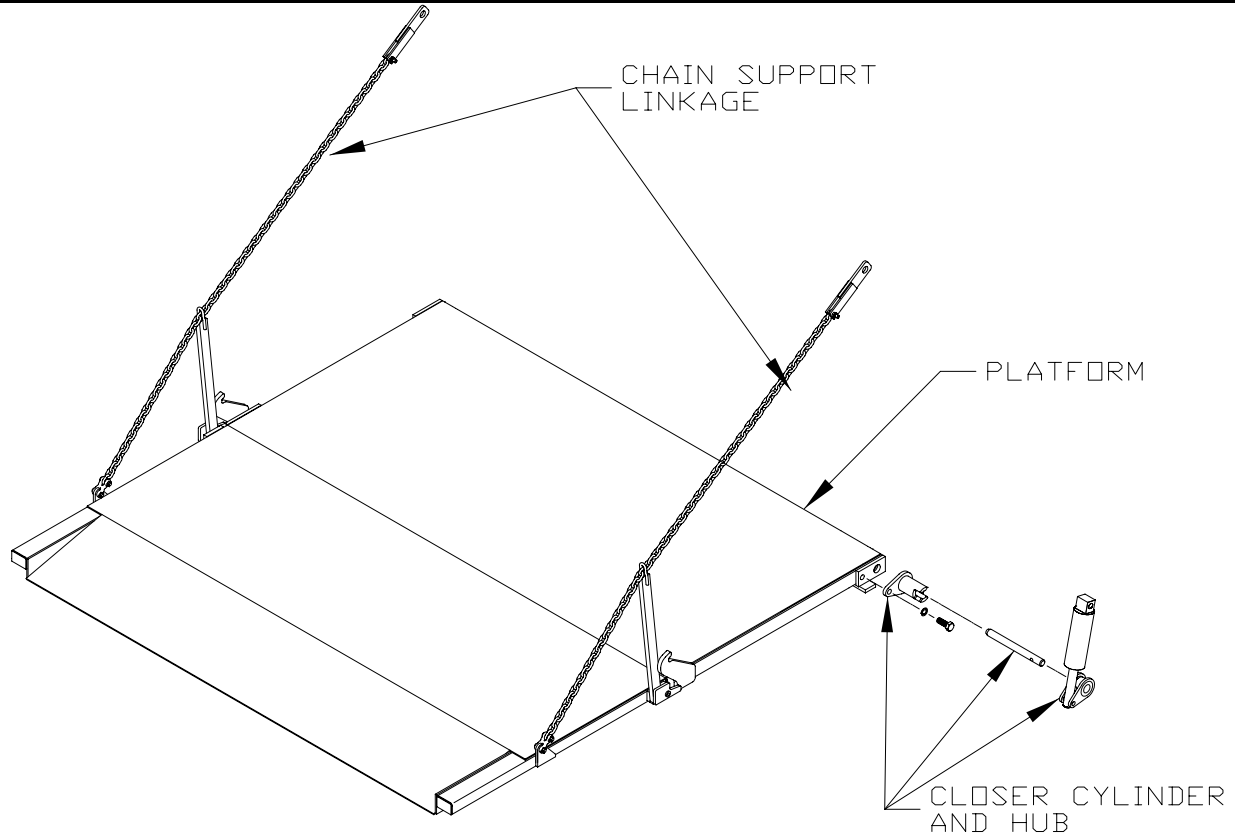
WALTCO
TRUCK EQUIPMENT CO.
WDL RM SERIES

REVISED: 11-2-2001
E.O. 4088
REV. 01

PM-298A

ITEM	PART NUMBER	QTY	DESCRIPTION
1	85803187	1	16" Aluminum Ramp (80" Platfom)
	85803151	1	16" Aluminum Ramp (86" Platform)
	31416501	1	12" Steel Folding Ramp (80" Platform)
	32416501	1	12" Steel Folding Ramp (86" Platform)
2	37415501	1	Curb Side Hinge Plate Assembly (Aluminum Ramp Only)
3	37415551	1	Street Side Hinge Plate Assembly(Aluminum Ramp Only)
4	37415401	2	Ramp Brace Bar
5	37414801	2	Ramp Hinge Clevis
6	37419502	2	Retention Cable Assembly
7	37414501	1	Ramp Latch Assembly (2 Pc. Platform Only)
8	85803484	2	Ramp latch Angle (1 Pc. Platform Only)
9	85803488	1	Pin Guard Angle (1 Pc. Platform Only)
10	85803485	1	Ramp Latch Pin Assembly (1 Pc. Platform Only)
11	20215400	1	Ramp Latch Pin Spring (1 Pc. Platform Only)
12	75088056	2	1/2" Plain Washer (1 Pc. Platform Only)
13	75089553	1	1/4" x 1-1/4" Coiled Pin (1 Pc. Platform Only)
14	75085193	10	3/8"-16 Hex Lock Nut (Aluminum Ramp Only)
15	75086057	10	3/8"-16 x 1-1/4" Hex Head Bolt (Aluminum Ramp Only)
16	75084053	2	3/32" x 1" lg. Cotter Pin
17	27310303	2	1/2" Dia. Clevis Pin

WDL US PLATFORM and LINKAGE (Built 10-05 thru 6-08)



Common Features

- Capacity decal: 3500, 4500, 5500, and 6600 pounds
- Steel Platform Sizes: 42", 60", 72" and 86" deep
80" and 86" wide
- Aluminum Platform Sizes: 72" and 86" deep
80" and 86" wide
- Ramp: 15" fixed, 16" folding aluminum
- Chain linkage support (Two piece platforms)
- Bar Linkage support (One piece platforms)
- Cylinder closing with closure hub

Steel Platform – All ramps

PM-692

Built from 10-05 thru 8-06

PM-692A

Built from 8-06 thru 6-08

Aluminum Platform – All Ramps

PM-693

Built from 10-05 thru 8-06

PM-693A

Built from 8-06 thru 11-06

PM-693B

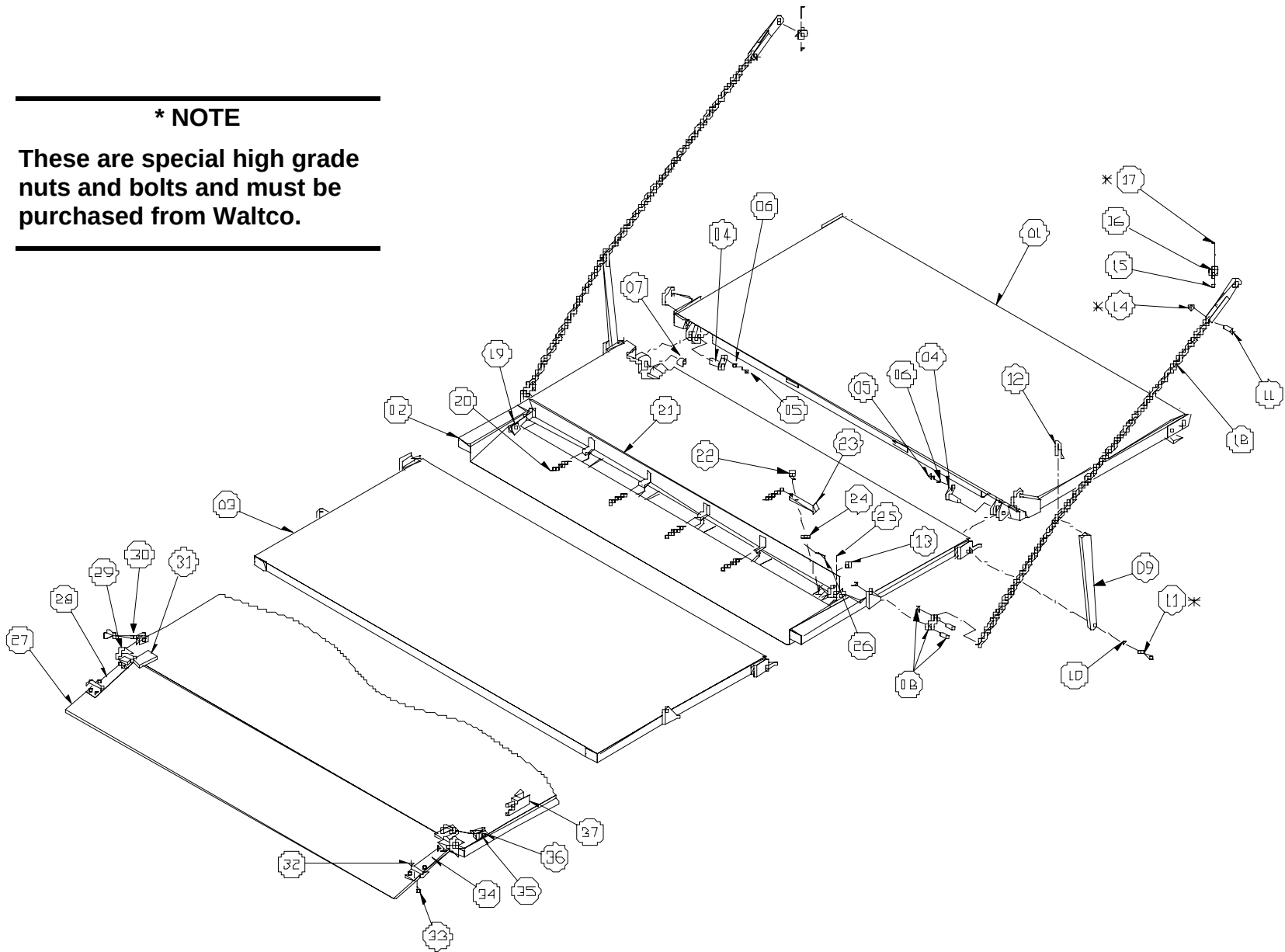
Built from 11-06 thru 6-08

Rev. 01 7/10

[Click here for list of liftgate serial numbers, organized by approximate ship dates.](#)

PLATFORM ASSEMBLY
 (Built 10-05 thru 8-06)

*** NOTE**
 These are special high grade
 nuts and bolts and must be
 purchased from Waltco.



WALTCO LIFT CORP.
 WDL US

REVISED: 10-7-05
 E.O. 5563F
 REV. 01

PM-692

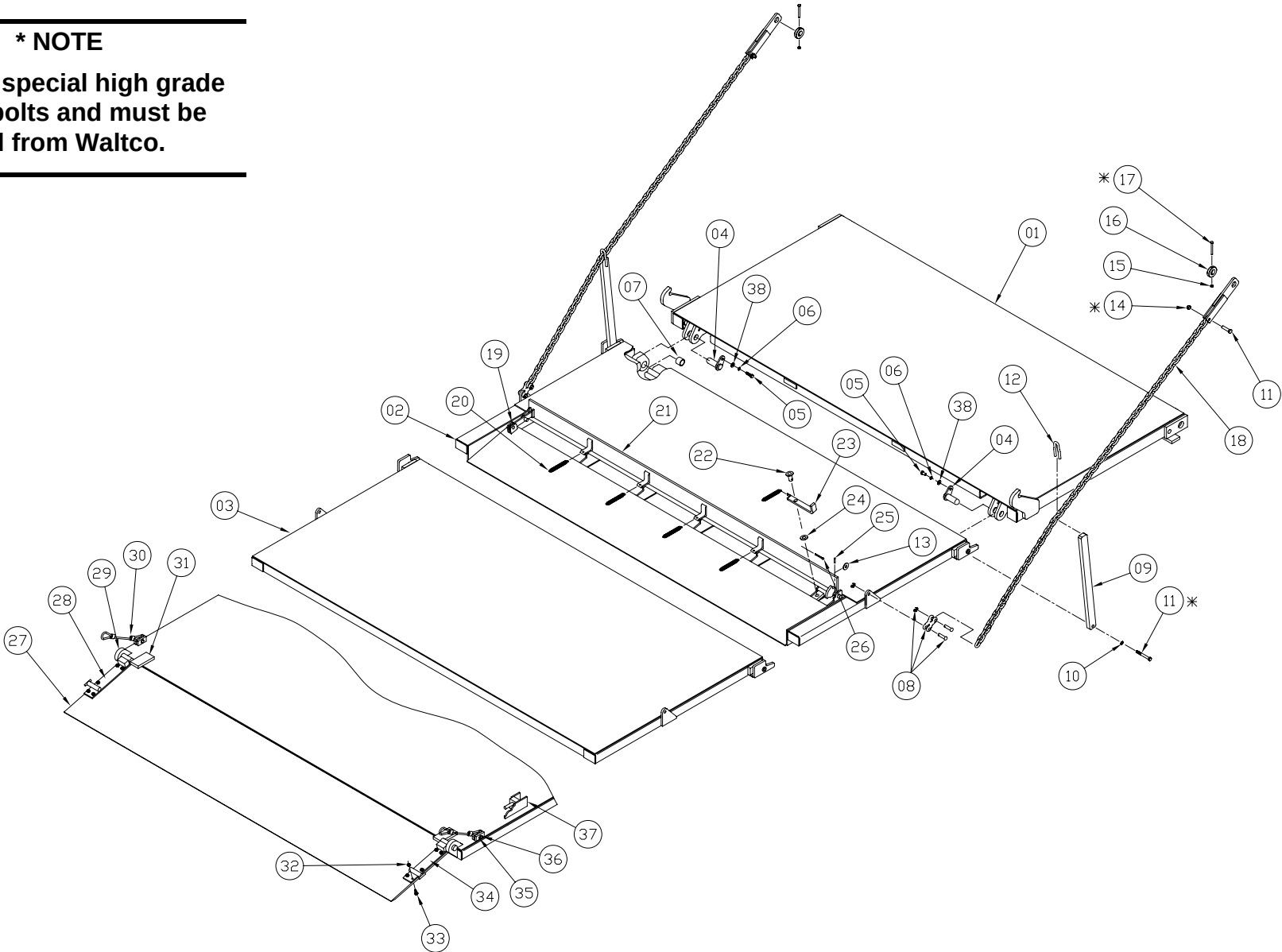
ITEM	PART NUMBER	QTY	DESCRIPTION
1	31711000	1	Deck, 96" OAW, 72"+15"&86" B.E. Platform
	31711005		Deck, 96" OAW, 60"+15"&72" B.E. Platform
	31711010		Deck, 96" OAW, 60" B.E. Platform
	31711050		Deck, 102" OAW 72"+15"&86" B.E. Platform
	31711055		Deck, 102" OAW 60"+15"&72" B.E. Platform
	31711060		Deck, 102" OAW 60" B.E. Platform
2	31713000	1	Extension, 96" OAW 72" + 15" Platform
	31713005		Extension, 96" OAW 72" + 15" Cart Stop Platform
	31713020		Extension, 96" OAW 60" + 15" Platform
	31713025		Extension, 96" OAW 60" + 15" Cart Stop Platform
	31713050		Extension, 102" OAW 72" + 15" Platform
	31713055		Extension, 102" OAW 72" + 15" Cart Stop Platform
	31713070		Extension, 102" OAW 60" + 15" Platform
	31713075		Extension, 102" OAW 60" + 15" Cart Stop Platform
3	31713010	1	Extension, 96" OAW 86" B.E. Platform
	31713030		Extension, 96" OAW 72" B.E. Platform
	31713040		Extension, 96" OAW 60" B.E. Platform
	31713060		Extension, 102" OAW 86" B.E. Platform
	31713080		Extension, 102" OAW 72" B.E. Platform
	31713090		Extension, 102" OAW 60" B.E. Platform
4	23370800	2	Extension Hinge Pin
5	75086055	2	3/8"-16 x 3/4" Lg. Gr. 5 Hex Bolt
6	75088081	2	3/8" Lock Washer
7	85803391	2	1-1/4" O.D. x 1" I.D. x 1" Lg. Bearing
8	85803456	2	Double Clevis Link Assembly
9	31713440	2	Linkage Bar (72"+15" & 86" B.E. Platforms)
	31713442		Linkage Bar (60"+15" & 72" B.E. Platforms)
	31713444		Linkage Bar (60" B.E. Platforms)
10	75088082	2	7/16" Lock Washer
11	85803462	4	7/16"-20 x 1-1/2" Hex Bolt (Grade 8)
12	85803444	2	Connecting Link
13	75088064	1	5/8" Plain Washer
*14	85803464	2	7/16"-20 Lock Nut

ITEM	PART NUMBER	QTY	DESCRIPTION
15	75085161	1	1/4"-20 Lock Nut
16	85803550	2	Linkage Retainer Collar
*17	75086215	2	1/4"-20 x 2-1/2" Hex Bolt
18	85803596	2	Chain Linkage Assembly (72"&60"+15")
	85803592		Chain Linkage Assembly (60" B.E.)
19	35442501	1	Cart Stop Brace Assembly
20	75089752	5	Extension Spring
21	85803192	1	80" Cart Stop (Cart Stop Platforms Only)
	85803419	1	86" Cart Stop (Cart Stop Platforms Only)
22	35440502	1	Pin Assembly (Cart Stop Platforms Only)
23	35442002	1	Lever Assembly (Cart Stop Platform Only)
24	75088056	1	1/2" Plain Washer
25	75084052	1	5/32" x 1" Cotter Pin
26	75089547	1	3/16" x 1" Coiled Pin
27	85803187	1	16" Aluminum Ramp (96" O.A.W.)
	85803151		16" Aluminum Ramp (102" O.A.W.)
	31416501		12" Steel Ramp (96" O.A.W.)
	32416501		12" Steel Ramp (102" O.A.W.)
28	37415551	1	Hinge Plate, Driver Side (Aluminum Only)
29	37414801	2	Ramp Hinge Clevis
30	37419502	2	Retention Cable Assembly
31	37415401	2	Ramp Brace Bar
32	75085193	10	3/8"-16 Hex Lock Nut (Aluminum Only)
33	75086057	10	3/8"-16 x 1-1/4" Bolt (Aluminum Only)
34	37415501	1	Hinge Plate, Curb Side (Aluminum Only)
35	75084053	2	3/32" x 1" Lg. Cotter Pin
36	27310303	2	½" Dia. Clevis Pin
37	37414501	1	Ramp Latch Assembly

PLATFORM ASSEMBLY
 (Built 8-06 thru 6-08)

* NOTE

These are special high grade nuts and bolts and must be purchased from Waltco.



WALTCO LIFT CORP.
 WDL US

REVISED: 5-1-09
 E.O. 6219
 REV. 03

PM-692A

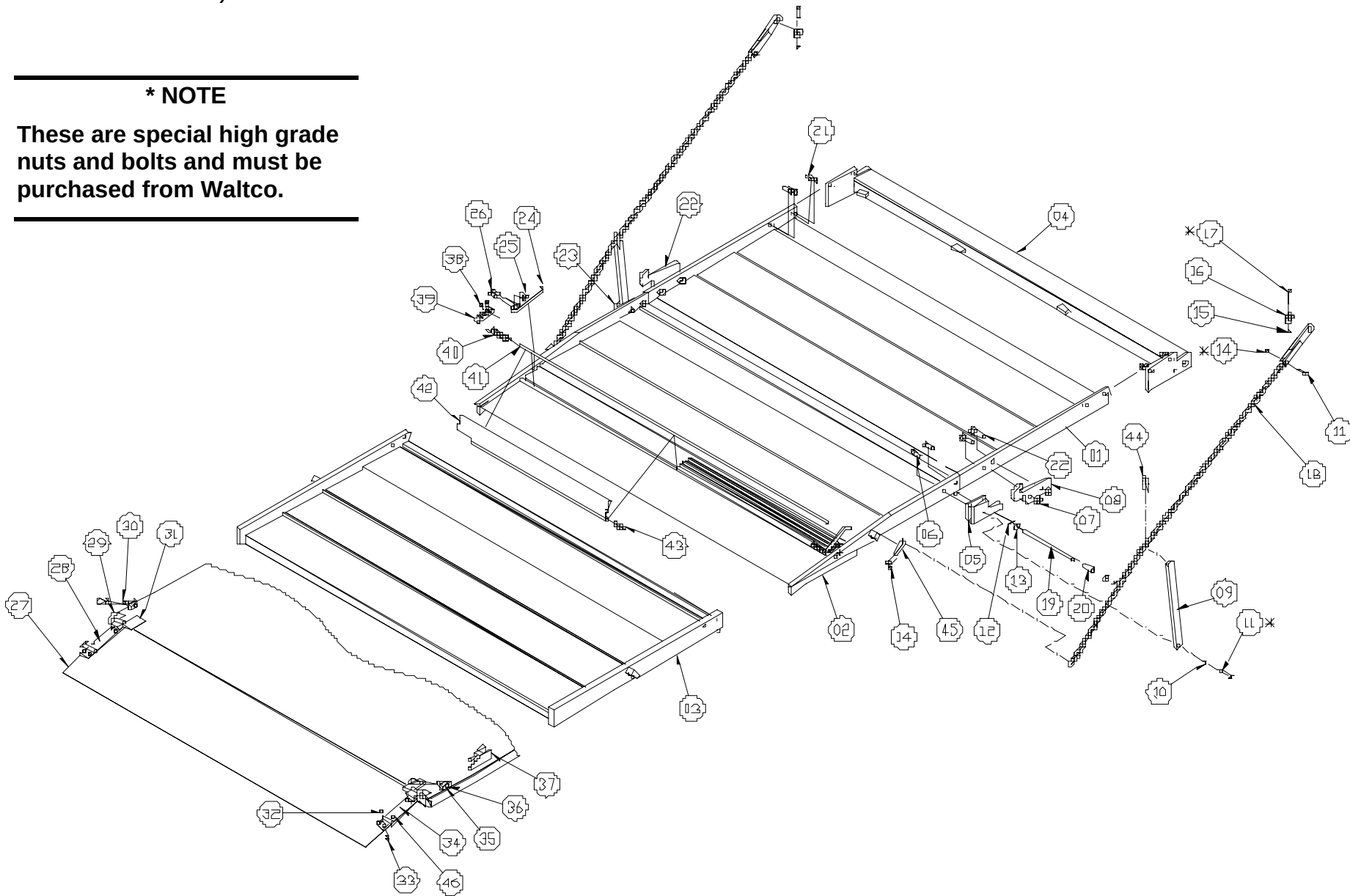
ITEM	PART NUMBER	QTY	DESCRIPTION
1	31711000	1	Deck, 96" OAW, 72"+15"&86" B.E. Platform
	31711005		Deck, 96" OAW, 60"+15"&72" B.E. Platform
	31711010		Deck, 96" OAW, 60" B.E. Platform
	31711050		Deck, 102" OAW 72"+15"&86" B.E. Platform
	31711055		Deck, 102" OAW 60"+15"&72" B.E. Platform
	31711060		Deck, 102" OAW 60" B.E. Platform
2	31713000	1	Extension, 96" OAW 72" + 15" Platform
	31713005		Extension, 96" OAW 72" + 15" Cart Stop Platform
	31713020		Extension, 96" OAW 60" + 15" Platform
	31713025		Extension, 96" OAW 60" + 15" Cart Stop Platform
	31713050		Extension, 102" OAW 72" + 15" Platform
	31713055		Extension, 102" OAW 72" + 15" Cart Stop Platform
	31713070		Extension, 102" OAW 60" + 15" Platform
	31713075		Extension, 102" OAW 60" + 15" Cart Stop Platform
3	31713010	1	Extension, 96" OAW 86" B.E. Platform
	31713030		Extension, 96" OAW 72" B.E. Platform
	31713040		Extension, 96" OAW 60" B.E. Platform
	31713060		Extension, 102" OAW 86" B.E. Platform
	31713080		Extension, 102" OAW 72" B.E. Platform
	31713090		Extension, 102" OAW 60" B.E. Platform
4	23370800	2	Extension Hinge Pin
5	75086055	2	3/8"-16 x 3/4" Lg. Gr. 5 Hex Bolt
6	75088081	2	3/8" Lock Washer
7	85803391	2	1-1/4" O.D. x 1" I.D. x 1" Lg. Bearing
8	85803456	2	Double Clevis Link Assembly
9	31713440	2	Linkage Bar (72"+15" & 86" B.E. Platforms)
	31713442		Linkage Bar (60"+15" & 72" B.E. Platforms)
	31713444		Linkage Bar (60" B.E. Platforms)
10	75088082	2	7/16" Lock Washer
11	85803462	4	7/16"-20 x 1-1/2" Hex Bolt (Grade 8)
12	85803444	2	Connecting Link
13	75088064	1	5/8" Plain Washer
*14	85803464	2	7/16"-20 Lock Nut

ITEM	PART NUMBER	QTY	DESCRIPTION
15	75085161	1	1/4"-20 Lock Nut
16	85803550	2	Linkage Retainer Collar
*17	75086215	2	1/4"-20 x 2-1/2" Hex Bolt
18	31713597	2	Chain Linkage Assy. (86" B.E, 72" B.E & 60"+15" & 72"+15")
	31713593		Chain Linkage Assembly (60" B.E.)
19	35442501	1	Cart Stop Brace Assembly
20	75089752	5	Extension Spring
21	85803192	1	80" Cart Stop (Cart Stop Platforms Only)
	85803419	1	86" Cart Stop (Cart Stop Platforms Only)
22	35440502	1	Pin Assembly (Cart Stop Platforms Only)
23	35442002	1	Lever Assembly (Cart Stop Platform Only)
24	75088056	1	1/2" Plain Washer
25	75084052	1	5/32" x 1" Cotter Pin
26	75089547	1	3/16" x 1" Coiled Pin
27	85803187	1	16" Aluminum Ramp (96" O.A.W.)
	85803151		16" Aluminum Ramp (102" O.A.W.)
	31416501		12" Steel Ramp (96" O.A.W.)
	32416501		12" Steel Ramp (102" O.A.W.)
28	37415551	1	Hinge Plate, Driver Side (Aluminum Only)
29	37414801	2	Ramp Hinge Clevis
30	37419502	2	Retention Cable Assembly
31	37415401	2	Ramp Brace Bar
32	75085193	10	3/8"-16 Hex Lock Nut (Aluminum Only)
33	75086057	10	3/8"-16 x 1-1/4" Bolt (Aluminum Only)
34	37415501	1	Hinge Plate, Curb Side (Aluminum Only)
35	75084053	2	3/32" x 1" Lg. Cotter Pin
36	27310303	2	½" Dia. Clevis Pin
37	37414501	1	Ramp Latch Assembly
38	75088053	2	3/8" Flat Washer

ALUMINUM PLATFORM ASSEMBLY
(Built 10-05 thru 8-06)

* NOTE

These are special high grade
nuts and bolts and must be
purchased from Waltco.



WALTCO LIFT CORP.
WDL US

REVISED: 10-7-05-1-09
E.O. 5563F
REV. 01

PM-693

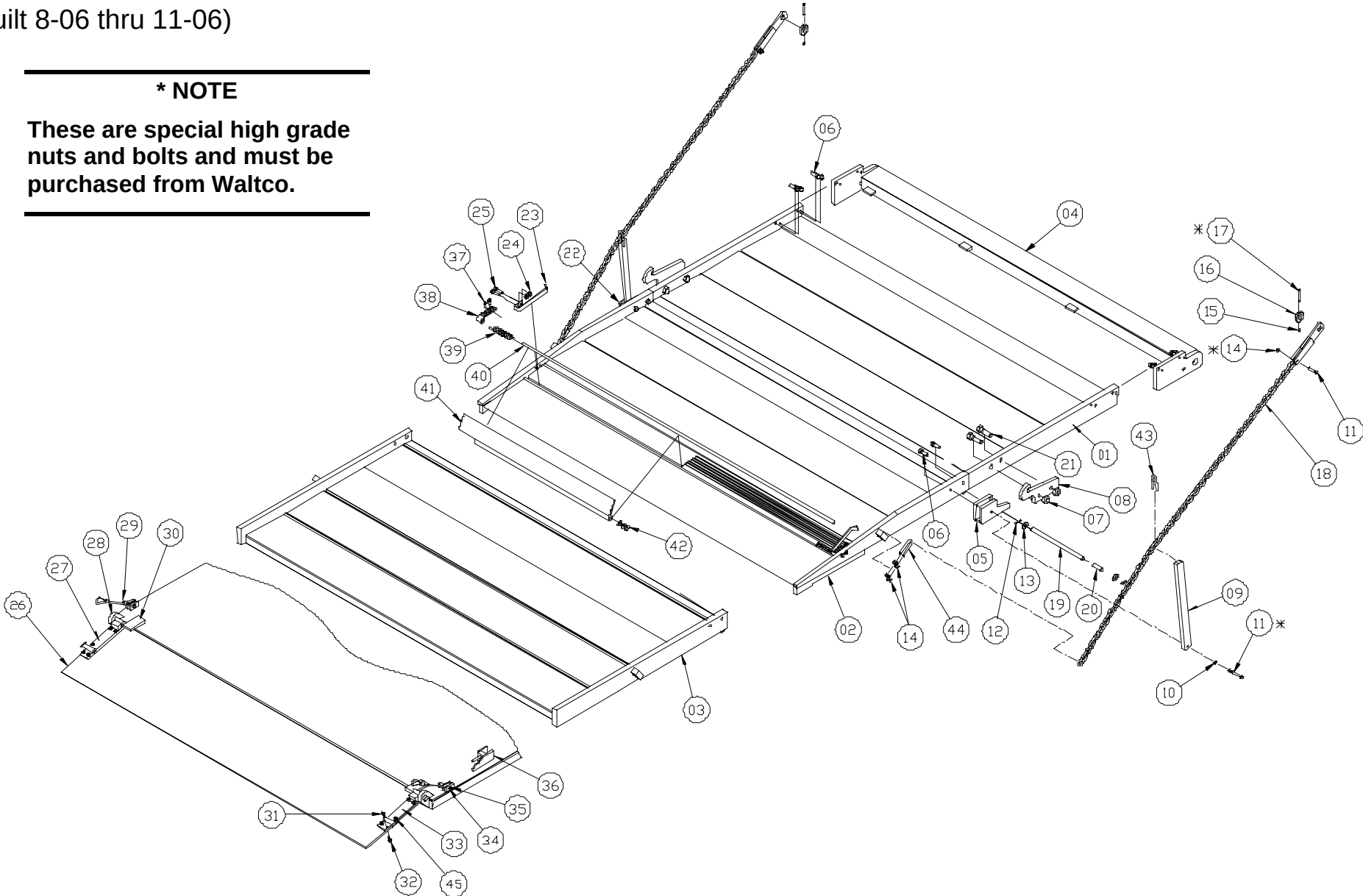
ITEM	PART NUMBER	QTY	DESCRIPTION
1	31711100	1	Deck, 96" OAW, 72"+15"&86" B.E. Platform
	31711105		Deck, 96" OAW, 60"+15"&72" B.E. Platform
	31711110		Deck, 96" OAW, 60" B.E. Platform
	31711150		Deck, 102" OAW 72"+15"&86" B.E. Platform
	31711155		Deck, 102" OAW 60"+15"&72" B.E. Platform
	31711160		Deck, 102" OAW 60" B.E. Platform
2	31713100	1	Extension, 96" OAW 72" + 15" Platform
	31713105		Extension, 96" OAW 72" + 15" C/S Platform
	31713120		Extension, 96" OAW 60" + 15" Platform
	31713125		Extension, 96" OAW 60" + 15" C/S Platform
	31713150		Extension, 102" OAW 72" +15" Platform
	31713155		Extension, 102" OAW 72" +15" C/S Platform
	31713170		Extension, 102" OAW 60" +15" Platform
	31713175		Extension, 102" OAW 60" +15" C/S Platform
3	31713110	1	Extension, 96" OAW 86" B.E. Platform
	31713130		Extension, 96" OAW 72" B.E. Platform
	31713140		Extension, 96" OAW 60" B.E. Platform
	31713160		Extension, 102" OAW 86" B.E. Platform
	31713180		Extension, 102" OAW 72" B.E. Platform
	31713190		Extension, 102" OAW 60" B.E. Platform
4	31712000	1	Pivot Tube Assy, 96" OAW
	31712050		Pivot Tube Assy, 102" OAW
5	31713211	1	Linkage Pivot Assembly, Curb Side
*6	75086189	4	½"-20 x 1-1/2" Hex Bolt (Grade 5)
*7	75085198	4	¾"-16 Locknut (Grade 5)
8	31711171	2	Bottom Stop Hook
9	31713440	2	Linkage Bar (72"+15" & 86" B.E. Platforms)
	31713442		Linkage Bar (60"+15" & 72" B.E. Platforms)
	31713444		Linkage Bar (60" B.E. Platforms)
10	75088082	2	7/16" Lock Washer
11	85803462	4	7/16"-20 x 1-1/2" Hex Bolt (Grade 8)
12	75084052	4	Cotter Pin, 5/32" x 1"
13	75088258	4	Washer, 5/8", Stainless Steel

ITEM	PART NUMBER	QTY	DESCRIPTION
*14	85803464	6	7/16"-20 Lock Nut
15	75085161	1	1/4"-20 Lock Nut
16	85803550	2	Linkage Retainer Collar
*17	75086215	2	1/4"-20 x 2-1/2" Hex Bolt
18	85803596	2	Chain Linkage Assembly (72"&60"+15")
	85803592		Chain Linkage Assembly (60" B.E.)
19	31517500	2	Extension Hinge Pin
20	10010174	12	Fiber Bushing, 5/8" I.D. x ¾" O.D. x 2" Lg.
*21	75086231	8	½"-20 x 2" Hex Bolt (Grade 8)
*22	75086182	4	¾"-16 x 2-1/2" Lg. Hex Bolt (Grade 5)
23	31713261	1	Linkage Pivot Assembly, Driver Side
24	22515100	2	Spring Bar
25	75085005	4	3/8"-16 Serrated Hex Nut
26	75087478	4	3/8"-16 x 1-1/2" Hex Bolt
27	31715550	1	16" Aluminum Ramp (96" O.A.W.)
	31714100		16" Aluminum Ramp (102" O.A.W.)
28	31715550	1	Hinge Plate, Driver Side
29	31714800	2	Ramp Hinge Clevis
30	37419502	2	Retention Cable Assembly
31	31715400	1	Ramp Brace Bar
32	75085193	14	3/8"-16 Hex Lock Nut
33	75086058	8	3/8"-16 x 1-1/2" Bolt
34	31715500	1	Hinge Plate, Curb Side
35	75086110	2	½"-13 x 2-1/2" Lg. Hex Bolt (Grade 5)
36	75085279	2	½"-13 Lock Nut
37	31714500	1	Latch Assembly
38	75086924	4	¼"-20 x 1" Hex Self Tapping Screw
39	22515500	2	Cart Stop Retainer
40	22515300	1	Torsion Spring, Curb Side
	22515200		Torsion Spring, Driver Side
41	22513803	1	Cart Stop Pivot, 96" OAW
	32518700		Cart Stop Pivot, 102" OAW
42	22515403	1	Cart Stop, Curb Side, 96" OAW
	32518500		Cart Stop, Curb Side, 102" OAW
	22515453		Cart Stop, Driver Side, 96" OAW
	32518550		Cart Stop, Driver Side, 102" OAW
43	75088131	3	Washer, 7/8" O.D. x ½" I.D. x 0.078" Thick
44	85803444	2	Connecting Link
*45	31519600	2	U-Bolt, 7/16"-20

ALUMINUM PLATFORM ASSEMBLY
(Built 8-06 thru 11-06)

* NOTE

These are special high grade
nuts and bolts and must be
purchased from Waltco.



WALTCO LIFT CORP.
WDL US

REVISED: 7-25-06
E.O. 5797
REV. 03

PM-693A

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31711100	1	Deck, 96" OAW, 72"+15"&86" B.E. Platform
	31711105		Deck, 96" OAW, 60"+15"&72" B.E. Platform
	31711110		Deck, 96" OAW, 60" B.E. Platform
	31711150		Deck, 102" OAW 72"+15"&86" B.E. Platform
	31711155		Deck, 102" OAW 60"+15"&72" B.E. Platform
	31711160		Deck, 102" OAW 60" B.E. Platform
2	31713100	1	Extension, 96" OAW 72" + 15" Platform
	31713105		Extension, 96" OAW 72" + 15" C/S Platform
	31713120		Extension, 96" OAW 60" + 15" Platform
	31713125		Extension, 96" OAW 60" + 15" C/S Platform
	31713150		Extension, 102" OAW 72" +15" Platform
	31713155		Extension, 102" OAW 72" +15" C/S Platform
	31713170		Extension, 102" OAW 60" +15" Platform
	31713175		Extension, 102" OAW 60" +15" C/S Platform
3	31713110	1	Extension, 96" OAW 86" B.E. Platform
	31713130		Extension, 96" OAW 72" B.E. Platform
	31713140		Extension, 96" OAW 60" B.E. Platform
	31713160		Extension, 102" OAW 86" B.E. Platform
	31713180		Extension, 102" OAW 72" B.E. Platform
	31713190		Extension, 102" OAW 60" B.E. Platform
4	31712000	1	Pivot Tube Assy, 96" OAW
	31712050		Pivot Tube Assy, 102" OAW
5	31713211	1	Linkage Pivot Assembly, Curb Side
*6	75086237	12	½"-20 x 1-3/4" Hex Bolt (Grade 8)
*7	75085199	4	¾"-10 Locknut (Grade 5)
8	31711171	2	Bottom Stop Hook
9	31713440	2	Linkage Bar (72"+15" & 86" B.E. Platforms)
	31713442		Linkage Bar (60"+15" & 72" B.E. Platforms)
	31713444		Linkage Bar (60" B.E. Platforms)
10	75088082	2	7/16" Lock Washer
11	85803462	4	7/16"-20 x 1-1/2" Hex Bolt (Grade 8)
12	75084052	6	Cotter Pin, 5/32" x 1"
13	75088258	9	Washer, 5/8", Stainless Steel

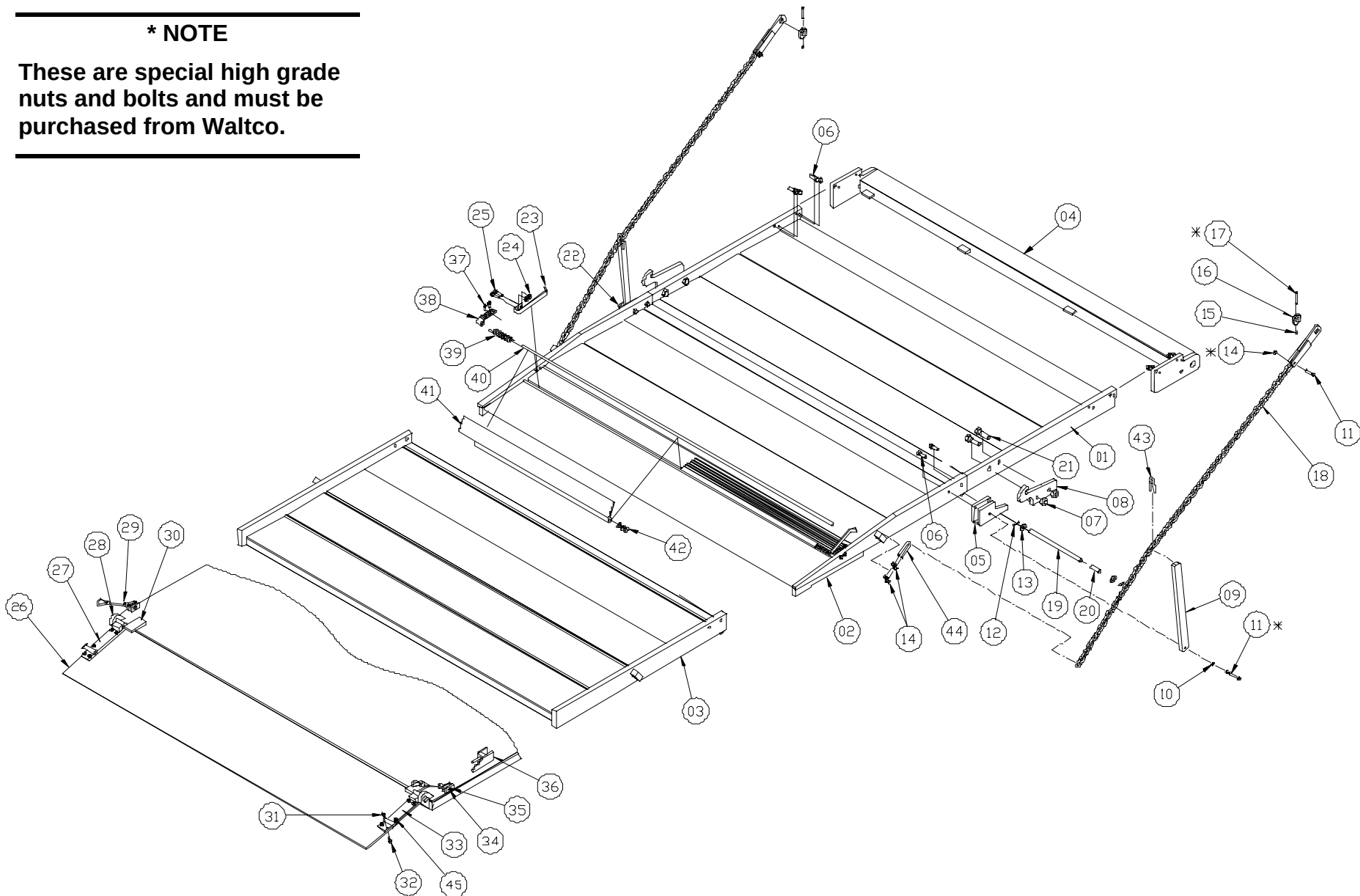
ITEM	PART NUMBER	QTY	DESCRIPTION
*14	85803464	10	7/16"-20 Lock Nut
15	75085161	1	1/4"-20 Lock Nut
16	85803550	2	Linkage Retainer Collar
*17	75086215	2	1/4"-20 x 2-1/2" Hex Bolt
18	31713597	2	Chain Linkage Assy. (72" B.E.& 60"+15")
	31713593		Chain Linkage Assy. (60" B.E.)
	31713599		Chain Linkage Assy. (86" B.E., & 72"+15")
19	31517500	3	Extension Hinge Pin
20	10010174	18	Fiber Bushing, 5/8" I.D. x ¾" O.D. x 2" Lg.
*21	75086182	4	¾"-10 x 2-1/2" Lg. Hex Bolt (Grade 5)
22	31713261	1	Linkage Pivot Assembly, Driver Side
23	22515100	2	Spring Bar
24	75085005	4	3/8"-16 Serrated Hex Nut
25	75087478	4	3/8"-16 x 1-1/2" Hex Bolt
26	31715550	1	16" Aluminum Ramp (96" O.A.W.)
	31714100		16" Aluminum Ramp (102" O.A.W.)
27	31715550	1	Hinge Plate, Driver Side
28	31714800	2	Ramp Hinge Clevis
29	37419502	2	Retention Cable Assembly
30	31715400	1	Ramp Brace Bar
31	75085193	14	3/8"-16 Hex Lock Nut
32	75086058	8	3/8"-16 x 1-1/2" Bolt
33	31715500	1	Hinge Plate, Curb Side
34	75086110	2	½"-13 x 2-1/2" Lg. Hex Bolt (Grade 5)
35	75085279	2	½"-13 Lock Nut
36	31714500	1	Latch Assembly
37	75086924	4	¼"-20 x 1" Hex Self Tapping Screw
38	22515500	2	Cart Stop Retainer
39	22515300	1	Torsion Spring, Curb Side
	22515200		Torsion Spring, Driver Side
40	22513803	1	Cart Stop Pivot, 96" OAW
	32518700		Cart Stop Pivot, 102" OAW
41	22515403	1	Cart Stop, Curb Side, 96" OAW
	32518500		Cart Stop, Curb Side, 102" OAW
	22515453		Cart Stop, Driver Side, 96" OAW
	32518550		Cart Stop, Driver Side, 102" OAW
42	75088131	3	Washer, 7/8" O.D. x ½" I.D. x 0.078" Thick
43	85803444	2	Connecting link
*44	31719600	2	U-Bolt, 7/16"-20

ALUMINUM PLATFORM ASSEMBLY

(Built 11-06 thru 6-08)

* NOTE

These are special high grade
nuts and bolts and must be
purchased from Waltco.



WALTCO LIFT CORP.
WDL US

REVISED: 11-11-06
E.O. 5841
REV. 01

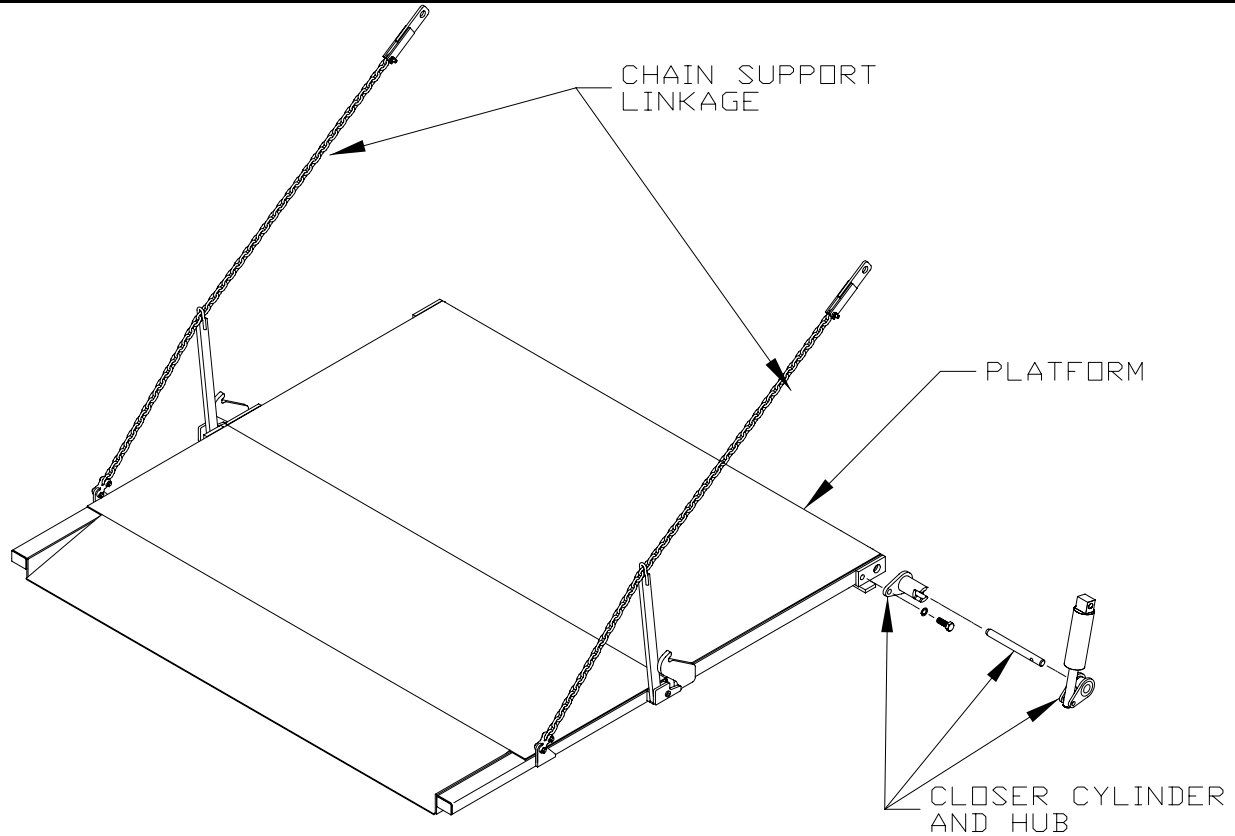
PM-693B

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31711100	1	Deck, 96" OAW, 72"+15"&86" B.E. Platform
	31711105		Deck, 96" OAW, 60"+15"&72" B.E. Platform
	31711110		Deck, 96" OAW, 60" B.E. Platform
	31711150		Deck, 102" OAW 72"+15"&86" B.E. Platform
	31711155		Deck, 102" OAW 60"+15"&72" B.E. Platform
	31711160		Deck, 102" OAW 60" B.E. Platform
2	31713100	1	Extension, 96" OAW 72" + 15" Platform
	31713105		Extension, 96" OAW 72" + 15" C/S Platform
	31713120		Extension, 96" OAW 60" + 15" Platform
	31713125		Extension, 96" OAW 60" + 15" C/S Platform
	31713150		Extension, 102" OAW 72" +15" Platform
	31713155		Extension, 102" OAW 72" +15" C/S Platform
	31713170		Extension, 102" OAW 60" +15" Platform
	31713175		Extension, 102" OAW 60" +15" C/S Platform
3	31713110	1	Extension, 96" OAW 86" B.E. Platform
	31713130		Extension, 96" OAW 72" B.E. Platform
	31713140		Extension, 96" OAW 60" B.E. Platform
	31713160		Extension, 102" OAW 86" B.E. Platform
	31713180		Extension, 102" OAW 72" B.E. Platform
	31713190		Extension, 102" OAW 60" B.E. Platform
4	31712000	1	Pivot Tube Assy, 96" OAW
	31712050		Pivot Tube Assy, 102" OAW
5	31713211	1	Linkage Pivot Assembly, Curb Side
*6	75086237	12	½"-20 x 1-3/4" Hex Bolt (Grade 8)
*7	75085199	4	¾"-10 Locknut (Grade 5)
8	31711171	2	Bottom Stop Hook
9	31713440	2	Linkage Bar (72"+15" & 86" B.E. Platforms)
	31713442		Linkage Bar (60"+15" & 72" B.E. Platforms)
	31713444		Linkage Bar (60" B.E. Platforms)
10	75088082	2	7/16" Lock Washer
11	85803462	4	7/16"-20 x 1-1/2" Hex Bolt (Grade 8)
12	75084052	6	Cotter Pin, 5/32" x 1"
13	75088258	9	Washer, 5/8", Stainless Steel

ITEM	PART NUMBER	QTY	DESCRIPTION
*14	85803464	10	7/16"-20 Lock Nut
15	75085161	1	1/4"-20 Lock Nut
16	85803550	2	Linkage Retainer Collar
*17	75086215	2	1/4"-20 x 2-1/2" Hex Bolt
18	31713597	2	Chain Linkage Assy. (72" B.E.& 60"+15")
	31713593		Chain Linkage Assy. (60" B.E.)
	31713599		Chain Linkage Assy. (86" B.E., & 72"+15")
19	31517500	3	Extension Hinge Pin
20	10010174	18	Fiber Bushing, 5/8" I.D. x ¾" O.D. x 2" Lg.
*21	75086182	4	¾"-10 x 2-1/2" Lg. Hex Bolt (Grade 5)
22	31713261	1	Linkage Pivot Assembly, Driver Side
23	22515100	2	Spring Bar
24	75085005	4	3/8"-16 Serrated Hex Nut
25	75087478	4	3/8"-16 x 1-1/2" Hex Bolt
26	31715550	1	16" Aluminum Ramp (96" O.A.W.)
	31714100		16" Aluminum Ramp (102" O.A.W.)
27	3170001-2	1	Hinge Plate, Driver Side
28	31714800	2	Ramp Hinge Clevis
29	37419502	2	Retention Cable Assembly
30	31715400	1	Ramp Brace Bar
31	75085193	12	3/8"-16 Hex Lock Nut
32	75086057	12	3/8"-16 x 1-1/4" Lg. Hex Bolt
33	3170001-1	1	Hinge Plate, Curb Side
34	75086110	2	½"-13 x 2-1/2" Lg. Hex Bolt (Grade 5)
35	75085279	2	½"-13 Lock Nut
36	31714500	1	Latch Assembly
37	75086924	4	¼"-20 x 1" Hex Self Tapping Screw
38	22515500	2	Cart Stop Retainer
39	22515300	1	Torsion Spring, Curb Side
	22515200		Torsion Spring, Driver Side
40	22513803	1	Cart Stop Pivot, 96" OAW
	32518700		Cart Stop Pivot, 102" OAW
41	22515403	1	Cart Stop, Curb Side, 96" OAW
	32518500		Cart Stop, Curb Side, 102" OAW
	22515453		Cart Stop, Driver Side, 96" OAW
	32518550		Cart Stop, Driver Side, 102" OAW
42	75088131	3	Washer, 7/8" O.D. x ½" I.D. x 0.078" Thick
43	85803444	2	Connecting link
*44	31719600	2	U-Bolt, 7/16"-20

WDL U1 PLATFORM and LINKAGE

(Built 2-07 thru 10-07)



Common Features

- Capacity decal: 5500, and 6600 pounds
- Steel Platform Sizes: 42", 60", 72" and 86" deep
80" and 86" wide
- Aluminum Platform Sizes: 72" and 86" deep
80" and 86" wide
- Ramp: 15" fixed, 16" folding aluminum
- Chain linkage support (Two piece platforms)
- Bar Linkage support (One piece platforms)
- Cylinder closing with closure hub

Steel Platform – All ramps

PM-709

Built from 2-07 thru 10-07

Aluminum Platform – All Ramps

PM-710

Built from 2-07 thru 10-07

Rev. 01 7/10

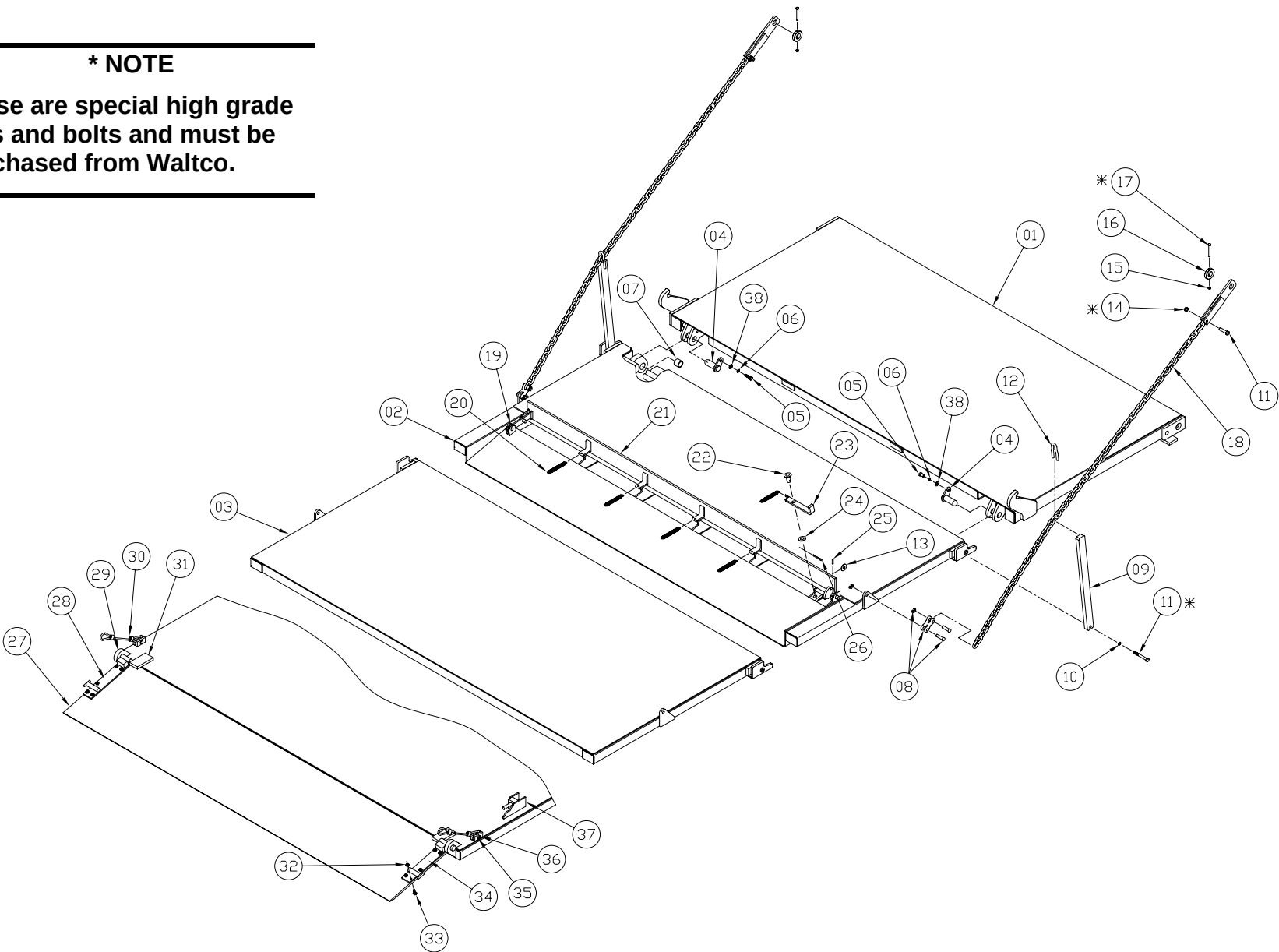
[Click here for list of liftgate serial numbers, organized by approximate ship dates.](#)

PLATFORM ASSEMBLY

(Built 2-07 thru 10-07)

* NOTE

These are special high grade nuts and bolts and must be purchased from Waltco.



WALTCO LIFT CORP.
WDL U1

REVISED: 5-1-09
E.O. 6219
REV. 02

PM-709

ITEM	PART NUMBER	QTY	DESCRIPTION
1	3180106	1	Deck, 96" OAW, 72"+15"&86" B.E. Platform
	3180107		Deck, 96" OAW, 60"+15"&72" B.E. Platform
	3180108		Deck, 96" OAW, 60" B.E. Platform
	3180109		Deck, 102" OAW 72"+15"&86" B.E. Platform
	3180110		Deck, 102" OAW 60"+15"&72" B.E. Platform
	3180111		Deck, 102" OAW 60" B.E. Platform
2	3180148-1	1	Extension, 96" OAW 72" + 15" Platform
	3180147-1		Extension, 96" OAW 72" + 15" Cart Stop Platform
	3180148-2		Extension, 96" OAW 60" + 15" Platform
	3180147-2		Extension, 96" OAW 60" + 15" Cart Stop Platform
	3180148-3		Extension, 102" OAW 72" + 15" Platform
	3180147-3		Extension, 102" OAW 72" + 15" Cart Stop Platform
	3180148-4		Extension, 102" OAW 60" + 15" Platform
	3180147-4		Extension, 102" OAW 60" + 15" Cart Stop Platform
3	3180146-1	1	Extension, 96" OAW 86" B.E. Platform
	3180146-2		Extension, 96" OAW 72" B.E. Platform
	3180146-3		Extension, 96" OAW 60" B.E. Platform
	3180146-4		Extension, 102" OAW 86" B.E. Platform
	3180146-5		Extension, 102" OAW 72" B.E. Platform
	3180146-6		Extension, 102" OAW 60" B.E. Platform
4	23370800	2	Extension Hinge Pin
5	75086055	2	3/8"-16 x 3/4" Lg. Gr. 5 Hex Bolt
6	75088081	2	3/8" Lock Washer
7	85803391	2	1-1/4" O.D. x 1" I.D. x 1" Lg. Bearing
8	85803456	2	Double Clevis Link Assembly
9	31713440	2	Linkage Bar (72"+15" & 86" B.E. Platforms)
	31713442		Linkage Bar (60"+15" & 72" B.E. Platforms)
	31713444		Linkage Bar (60" B.E. Platforms)
10	75088082	2	7/16" Lock Washer
11	85803462	4	7/16"-20 x 1-1/2" Hex Bolt (Grade 8)
12	85803444	2	Connecting Link
13	75088064	1	5/8" Plain Washer
*14	85803464	2	7/16"-20 Lock Nut

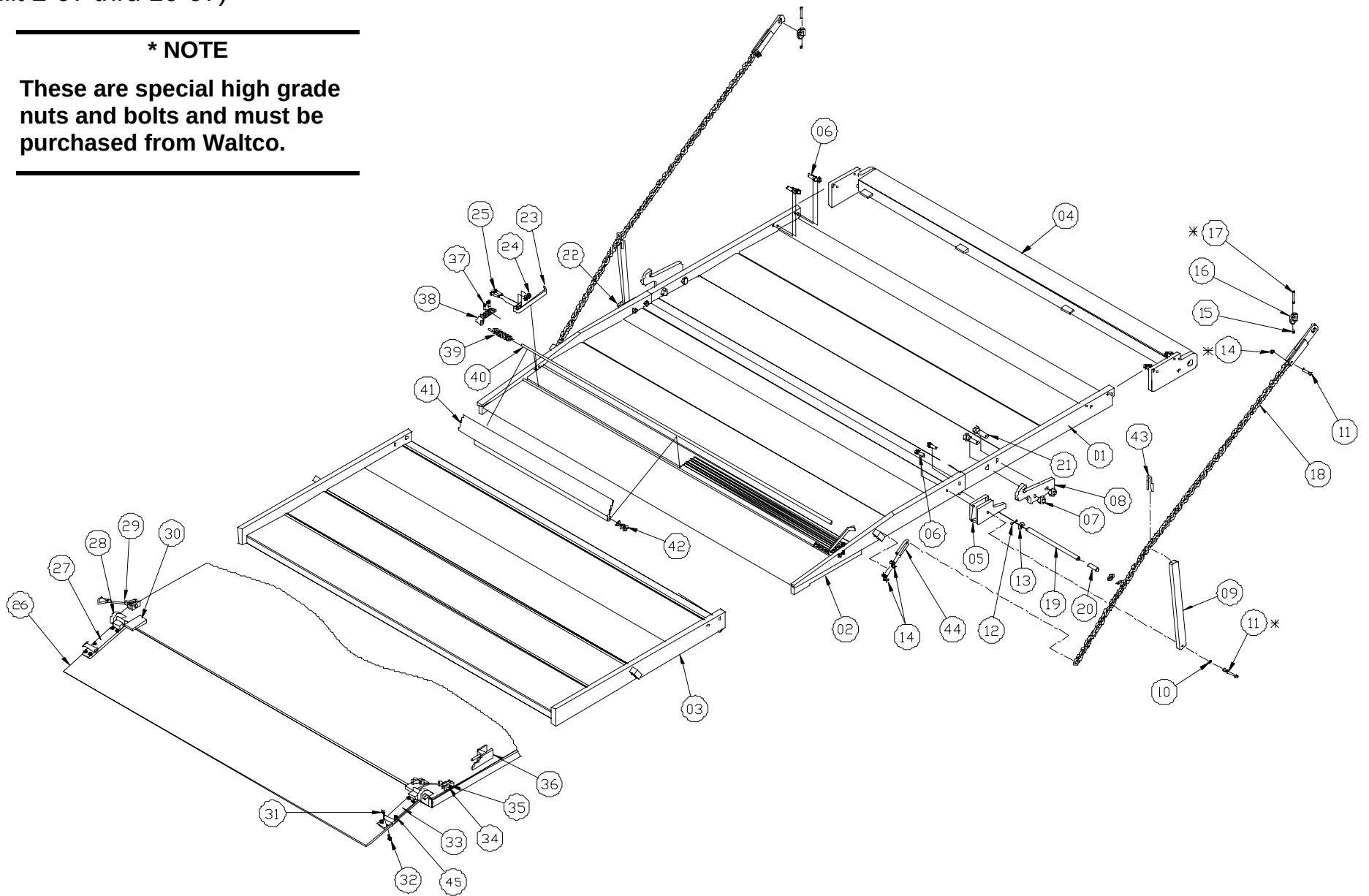
ITEM	PART NUMBER	QTY	DESCRIPTION
15	75085161	1	1/4"-20 Lock Nut
16	85803550	2	Linkage Retainer Collar
*17	75086215	2	1/4"-20 x 2-1/2" Hex Bolt
18	31713597	2	Chain Linkage Assy. (86" B.E, 72" B.E & 60"+15" & 72"+15")
	31713593		Chain Linkage Assembly (60" B.E.)
19	35442501	1	Cart Stop Brace Assembly
20	75089752	5	Extension Spring
21	85803192	1	80" Cart Stop (Cart Stop Platforms Only)
	85803419	1	86" Cart Stop (Cart Stop Platforms Only)
22	35440502	1	Pin Assembly (Cart Stop Platforms Only)
23	35442002	1	Lever Assembly (Cart Stop Platform Only)
24	75088056	1	1/2" Plain Washer
25	75084052	1	5/32" x 1" Cotter Pin
26	75089547	1	3/16" x 1" Coiled Pin
27	85803187	1	16" Aluminum Ramp (96" O.A.W.)
	85803151		16" Aluminum Ramp (102" O.A.W.)
	31416501		12" Steel Ramp (96" O.A.W.)
	32416501		12" Steel Ramp (102" O.A.W.)
28	37415551	1	Hinge Plate, Driver Side (Aluminum Only)
29	37414801	2	Ramp Hinge Clevis
30	37419502	2	Retention Cable Assembly
31	37415401	2	Ramp Brace Bar
32	75085193	10	3/8"-16 Hex Lock Nut (Aluminum Only)
33	75086057	10	3/8"-16 x 1-1/4" Bolt (Aluminum Only)
34	37415501	1	Hinge Plate, Curb Side (Aluminum Only)
35	75084053	2	3/32" x 1" Lg. Cotter Pin
36	27310303	2	½" Dia. Clevis Pin
37	37414501	1	Ramp Latch Assembly
38	75088053	2	3/8" Flat Washer

ALUMINUM PLATFORM ASSEMBLY

(Built 2-07 thru 10-07)

*** NOTE**

These are special high grade nuts and bolts and must be purchased from Waltco.



WALTCO LIFT CORP.
WDL U1

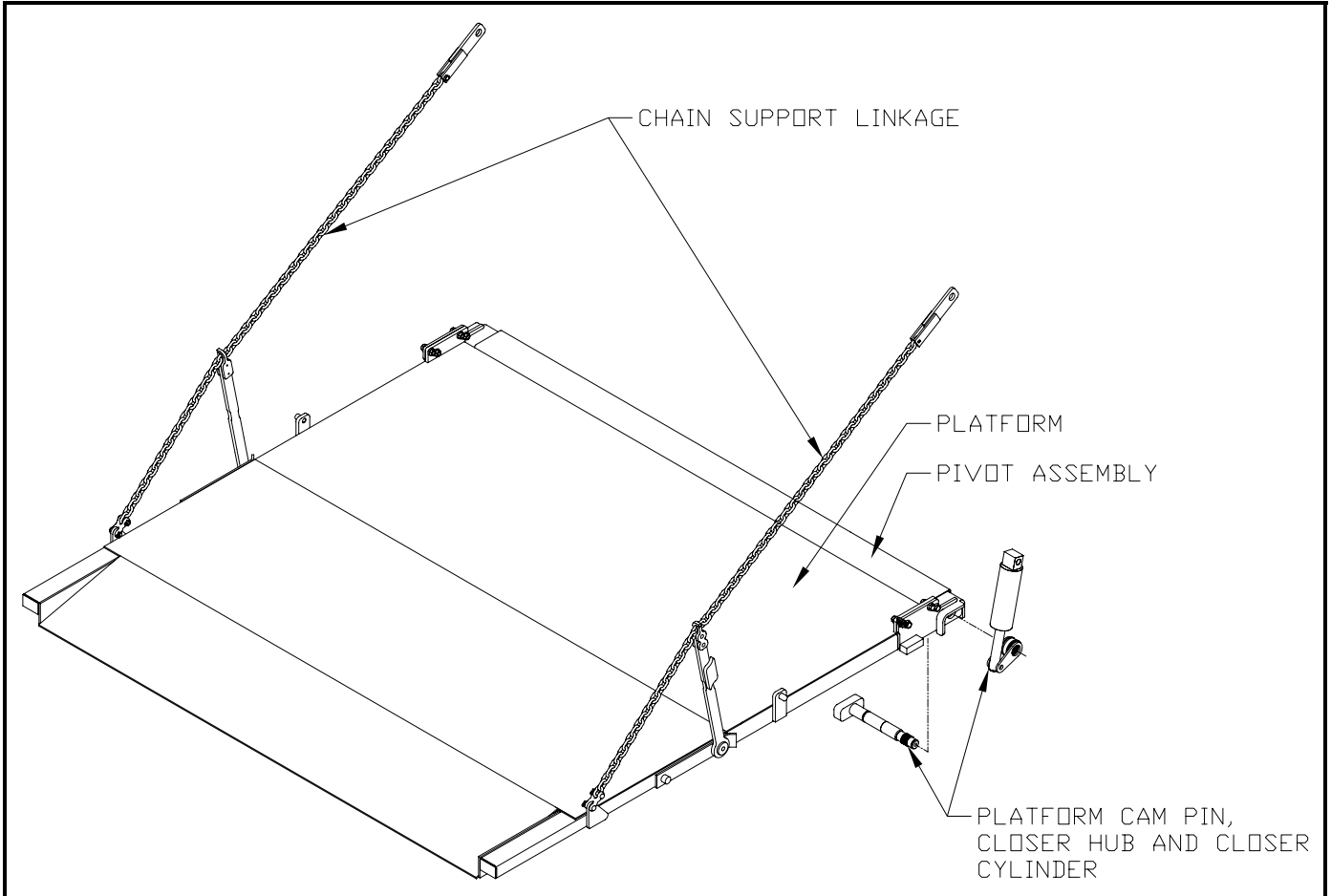
REVISED: 12-28-06
E.O. 5832B
REV. 01

PM-710

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31711100	1	Deck, 96" OAW, 72"+15"&86" B.E. Platform
	31711105		Deck, 96" OAW, 60"+15"&72" B.E. Platform
	31711110		Deck, 96" OAW, 60" B.E. Platform
	31711150		Deck, 102" OAW 72"+15"&86" B.E. Platform
	31711155		Deck, 102" OAW 60"+15"&72" B.E. Platform
	31711160		Deck, 102" OAW 60" B.E. Platform
2	31713100	1	Extension, 96" OAW 72" + 15"
	31713105		Extension, 96" OAW 72" + 15" C/S
	31713120		Extension, 96" OAW 60" + 15"
	31713125		Extension, 96" OAW 60" + 15" C/S
	31713150		Extension, 102" OAW 72" +15"
	31713155		Extension, 102" OAW 72" +15" C/S
	31713170		Extension, 102" OAW 60" +15"
	31713175		Extension, 102" OAW 60" +15" C/S
3	31713110	1	Extension, 96" OAW 86" B.E. Platform
	31713130		Extension, 96" OAW 72" B.E. Platform
	31713140		Extension, 96" OAW 60" B.E. Platform
	31713160		Extension, 102" OAW 86" B.E. Platform
	31713180		Extension, 102" OAW 72" B.E. Platform
	31713190		Extension, 102" OAW 60" B.E. Platform
4	3180124	1	Pivot Tube Assy, 96" OAW
	3180125		Pivot Tube Assy, 102" OAW
5	3180132-1	1	Linkage Pivot Assembly, Curb Side
*6	75086237	12	½"-20 x 1-3/4" Hex Bolt (Grade 8)
*7	75085199	4	¾"-10 Locknut (Grade 5)
8	31711171	2	Bottom Stop Hook
9	31713440	2	Linkage Bar (72"+15" & 86" B.E. Platforms)
	31713442		Linkage Bar (60"+15" & 72" B.E. Platforms)
	31713444		Linkage Bar (60" B.E. Platforms)
10	75088082	2	7/16" Lock Washer
11	85803462	4	7/16"-20 x 1-1/2" Hex Bolt (Grade 8)
12	75084052	6	Cotter Pin, 5/32" x 1"
13	75088258	9	Washer, 5/8", Stainless Steel
*14	85803464	10	7/16"-20 Lock Nut
15	75085161	1	1/4"-20 Lock Nut
16	85803550	2	Linkage Retainer Collar

ITEM	PART NUMBER	QTY	DESCRIPTION
*17	75086215	2	1/4"-20 x 2-1/2" Hex Bolt
18	31713597	2	Chain Linkage Assy. (72" B.E. & 60"+15")
	31713593		Chain Linkage Assy. (60" B.E.)
	31713599		Chain Linkage Assy. (86" B.E., & 72"+15")
19	31517500	3	Extension Hinge Pin
20	10010174	18	Fiber Bushing, 5/8" I.D. x 3/4" O.D. x 2" Lg.
*21	75086182	4	3/4"-10 x 2-1/2" Lg. Hex Bolt (Grade 5)
22	3180132-2	1	Linkage Pivot Assembly, Driver Side
23	22515100	2	Spring Bar
24	75085005	4	3/8"-16 Serrated Hex Nut
25	75087478	4	3/8"-16 x 1-1/2" Hex Bolt
26	31715550	1	16" Aluminum Ramp (96" O.A.W.)
	31714100		16" Aluminum Ramp (102" O.A.W.)
27	3170001-2	1	Hinge Plate, Driver Side
28	31714800	2	Ramp Hinge Clevis
29	37419502	2	Retention Cable Assembly
30	31715400	1	Ramp Brace Bar
31	75085193	12	3/8"-16 Hex Lock Nut
32	75086057	12	3/8"-16 x 1-1/4" Lg. Hex Bolt
33	3170001-1	1	Hinge Plate, Curb Side
34	75086110	2	1/2"-13 x 2-1/2" Lg. Hex Bolt (Grade 5)
35	75085279	2	1/2"-13 Lock Nut
36	31714500	1	Latch Assembly
37	75086924	4	1/4"-20 x 1" Hex Self Tapping Screw
38	22515500	2	Cart Stop Retainer
39	22515300	1	Torsion Spring, Curb Side
	22515200		Torsion Spring, Driver Side
40	22513803	1	Cart Stop Pivot, 96" OAW
	32518700		Cart Stop Pivot, 102" OAW
41	22515403	1	Cart Stop, Curb Side, 96" OAW
	32518500		Cart Stop, Curb Side, 102" OAW
	22515453		Cart Stop, Driver Side, 96" OAW
	32518550		Cart Stop, Driver Side, 102" OAW
42	75088131	3	Washer, 7/8" O.D. x 1/2" I.D. x 0.078" Thick
43	85803444	2	Connecting link
*44	31719600	2	U-Bolt, 7/16"-20
45	75086057	6	3/8"-16 x 1-1/4" Bolt

WDL & WDL RM PLATFORM and LINKAGE (Built from 10-07 thru 4-09)



Common Features

- Capacity decal: 3500, 4500, 5500, and 6600 pounds
- Steel Platform Sizes: 60", 72" and 86" deep
80" and 86" wide
- Aluminum Platform Sizes: 72" and 86" deep
80" and 86" wide
- Ramp: 15" fixed, 16" folding aluminum
- Chain linkage support
- Cylinder closing with closure hub and platform cam pin

Steel Platform - 15" ramp

PM-716

Built from 10-07 thru 4-09

Aluminum Platform - 15" ramp

PM-718

Built from 10-07 thru 4-09

Steel Platform - Butt End

PM-717

Built from 10-07 thru 4-09

Aluminum Platform - Butt End

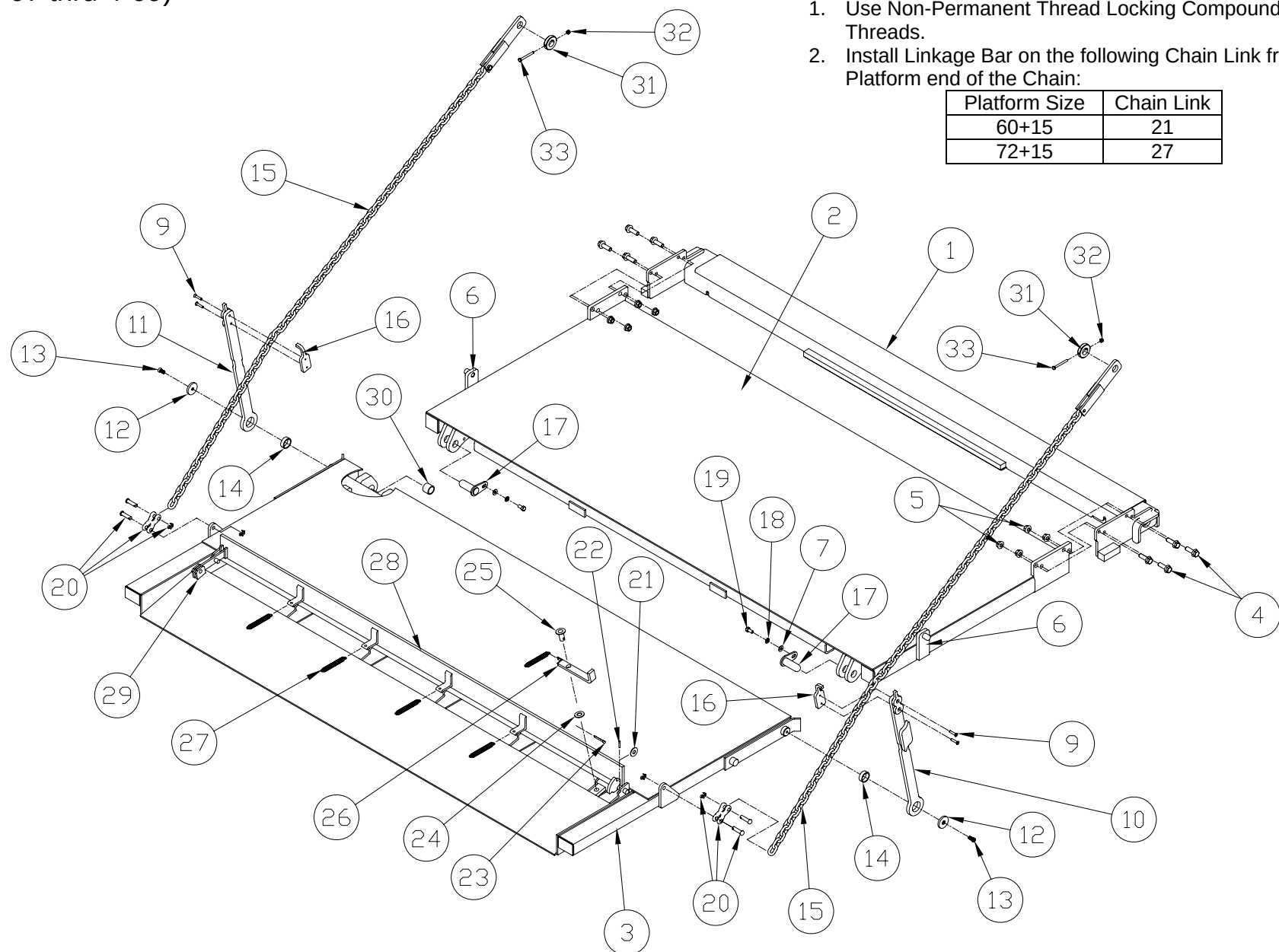
PM-719

Built from 10-07 thru 4-09

Rev. 01 7/10

[Click here for list of liftgate serial numbers, organized by approximate ship dates.](#)

PLATFORM & LINKAGE - STEEL with FIXED RAMP
 (Built 10-07 thru 4-09)



- Assembly Notes:
1. Use Non-Permanent Thread Locking Compound on Threads.
 2. Install Linkage Bar on the following Chain Link from the Platform end of the Chain:

Platform Size	Chain Link
60+15	21
72+15	27

WALTCO LIFT CORP.
 WDL XT

REVISED: 5-1-09
 E.O. 6219
 REV. 04

PM-716

ITEM	PART NUMBER	QTY	DESCRIPTION
1	3190085-1	1	Pivot Tube, 96 OAW
	3190085-2		Pivot Tube, 102 OAW
2	3190031-1	1	Deck, 96 OAW, 72+15, 86 BE
	3190031-2		Deck, 96 OAW, 60+15, 72 BE
	3190031-3		Deck, 96 OAW, 60 BE
	3190031-4		Deck, 102 OAW, 72+15, 86 BE
	3190031-5		Deck, 102 OAW, 60+15, 72 BE
	3190031-6		Deck, 102 OAW, 60 BE
3	3190037-7	1	Extension, 96 OAW, 72x80+15 Cart Stop
	3190037-8		Extension, 96 OAW, 60x80+15, Cart Stop
	3190037-9		Extension 102 OAW 72x86+15, Cart Stop
	3190037-10		Extension 102 OAW 60x86+15, Cart Stop
	3190037-11		Extension, 96 OAW, 72x80+15
	3190037-12		Extension, 96 OAW, 60x80+15
	3190037-13		Extension, 102 OAW, 72x86+15
	3190037-14		Extension, 102 OAW, 60x86+15
4	7500002-3	8	1/2"-20 x 1-1/2" Long Flanged Bolt
5	7500001-2	8	1/2"-20 Flanged Hex Nut
6	3190102	2	Downstop Pin Weldment
7	75088053	2	3/8" Flat Washer
8			
9	7500007-3	4	1/4"-20 x 3/4" Long Flathead Screw
10	3190166-1	1	Curb Side Linkage Bar, (60+15 & 72 BE)
	3190166-3		Curb Side Linkage Bar, (72+15 & 86 BE)
	3190166-5		Curb Side Linkage Bar, (60 BE)
11	3190166-2	1	Driver Side Linkage Bar, (60+15 & 72 BE)
	3190166-4		Driver Side Linkage Bar, (72+15 & 86 BE)
	3190166-6		Driver Side Linkage Bar, (60 BE)
12	3190046	2	Linkage Bar Retaining Washer
13	7500005-1	2	3/8"-16 x 3/4" Long Hex Socket Cap Screw Low Head
14	10010180	2	1-1/4" ID x 1-1/2" OD x 1/2" Long Polygon Bearing
15	3190165-4	2	Chain Linkage Assembly (60 BE)
	3190165-6		Chain Linkage Assembly (60+15, 72+15, 72BE, 86 BE)
16	3190125-1	2	Inner Chain Anchor

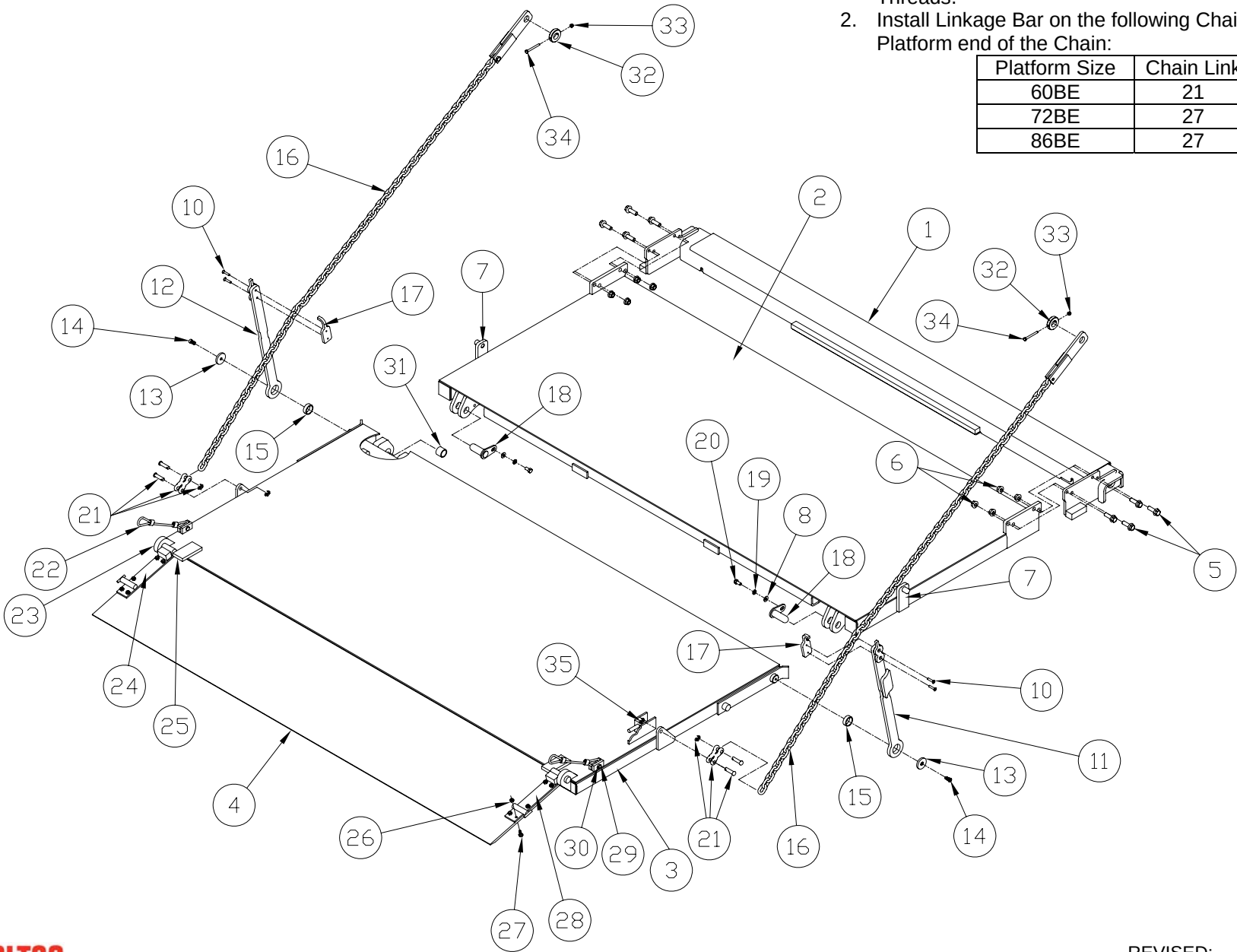
ITEM	PART NUMBER	QTY	DESCRIPTION
17	23370800	2	Extension Hinge Pin
18	75088081	2	3/8" Lock Washer
19	75086055	2	3/8"-16 x 3/4" Long Hex Bolt
20	85803456	2	Double Clevis Link Assembly
21	75088057	1	5/8" Washer (Cart Stop Platforms Only)
22	75089547	1	3/16" x 1" Coiled Pin (Cart Stop Platforms Only)
23	75084052	1	5/32" x 1" Cotter Pin (Cart Stop Platforms Only)
24	75088067	1	1/2" Washer (Cart Stop Platforms Only)
25	35440502	1	Pin Assembly (Cart Stop Platforms Only)
26	35442002	1	Lever Assembly (Cart Stop Platforms Only)
27	75089752	5	Spring (Cart Stop Platforms Only)
28	85803192	1	80" Cart Stop (Cart Stop Platforms Only)
	85803419		86" Cart Stop (Cart Stop Platforms Only)
29	35442501	1	Cart Stop Brace Assembly (Cart Stop Platforms Only)
30	85803391	2	1-1/4" O.D. X 1" I.D. X 1" Long Bearing
31	85803550-1	2	Linkage Retainer Collar
32	75085161	2	1/4"-20 Lock Nut
33	75086215	2	1/4"-20 x 2-1/2" Hex Bolt

PLATFORM & LINKAGE – STEEL with FOLDING RAMP
 (Built 10-07 thru 4-09)

- Assembly Notes:

 - Use Non-Permanent Thread Locking Compound on Threads.
 - Install Linkage Bar on the following Chain Link from the Platform end of the Chain:

Platform Size	Chain Link
60BE	21
72BE	27
86BE	27



WALTCO LIFT CORP.
 WDL XT

REVISED: 5-1-09
 E.O. 6219
 REV. 01

PM-717

ITEM	PART NUMBER	QTY	DESCRIPTION
1	3190085-1	1	Pivot Tube, 96 OAW
	3190085-2		Pivot Tube, 102 OAW
2	3190031-1	1	Deck, 96 OAW, 72+15, 86 BE
	3190031-2		Deck, 96 OAW, 60+15, 72 BE
	3190031-3		Deck, 96 OAW, 60 BE
	3190031-4		Deck, 102 OAW, 72+15, 86 BE
	3190031-5		Deck, 102 OAW, 60+15, 72 BE
	3190031-6		Deck, 102 OAW, 60 BE
3	3190037-1	1	Extension 96 OAW, 86 BE
	3190037-2		Extension 96 OAW, 72 BE
	3190037-3		Extension 96 OAW, 60 BE
	3190037-4		Extension 102 OAW, 86 BE
	3190037-5		Extension 102 OAW, 72 BE
	3190037-6		Extension 102 OAW, 60 BE
	3190037-15		Extension 96 OAW, 86x80+12 Steel Ramp
	3190037-16		Extension 96 OAW, 72x80+12 Steel Ramp
	3190037-17		Extension 96 OAW, 60x80+12 Steel Ramp
	3190037-18		Extension 102 OAW, 86x86+12 Steel Ramp
	3190037-19		Extension 102 OAW, 72x86+12 Steel Ramp
	3190037-20		Extension 102 OAW, 60x86+12 Steel Ramp
	3190037-21		Extension 96 OAW, 86x80+16 Alum. Ramp
	3190037-22		Extension 96 OAW, 72x80+16 Alum. Ramp
	3190037-23		Extension 96 OAW, 60x80+16 Alum. Ramp
	3190037-24		Extension 102 OAW, 86x86+16 Alum. Ramp
	3190037-25		Extension 102 OAW, 72x86+16 Alum. Ramp
	3190037-26		Extension 102 OAW, 60x86+16 Alum. Ramp
4	85803187	1	16" Aluminum Ramp (96" OAW)
	85803151		16" Aluminum Ramp (102" OAW)
	3190173-1		12" Steel Ramp (96" OAW)
	3190173-2		12" Steel Ramp (102" OAW)
5	7500002-3	8	1/2"-20 x 1-1/2" Long Flanged Bolt
6	7500001-2	8	1/2"-20 Flanged Hex Nut
7	3190102	2	Downstop Pin Weldment
8	75088053	2	3/8" Flat Washer
9			
10	7500007-3	4	1/4"-20 x 3/4" Long Hex Socket Screw
11	3190166-1	1	Curb Side Linkage Bar, (60+15 & 72 BE)
	3190166-3		Curb Side Linkage Bar, (72+15 & 86 BE)
	3190166-5		Curb Side Linkage Bar, (60 BE)
12	3190166-2	1	Driver Side Linkage Bar, (60+15 & 72 BE)

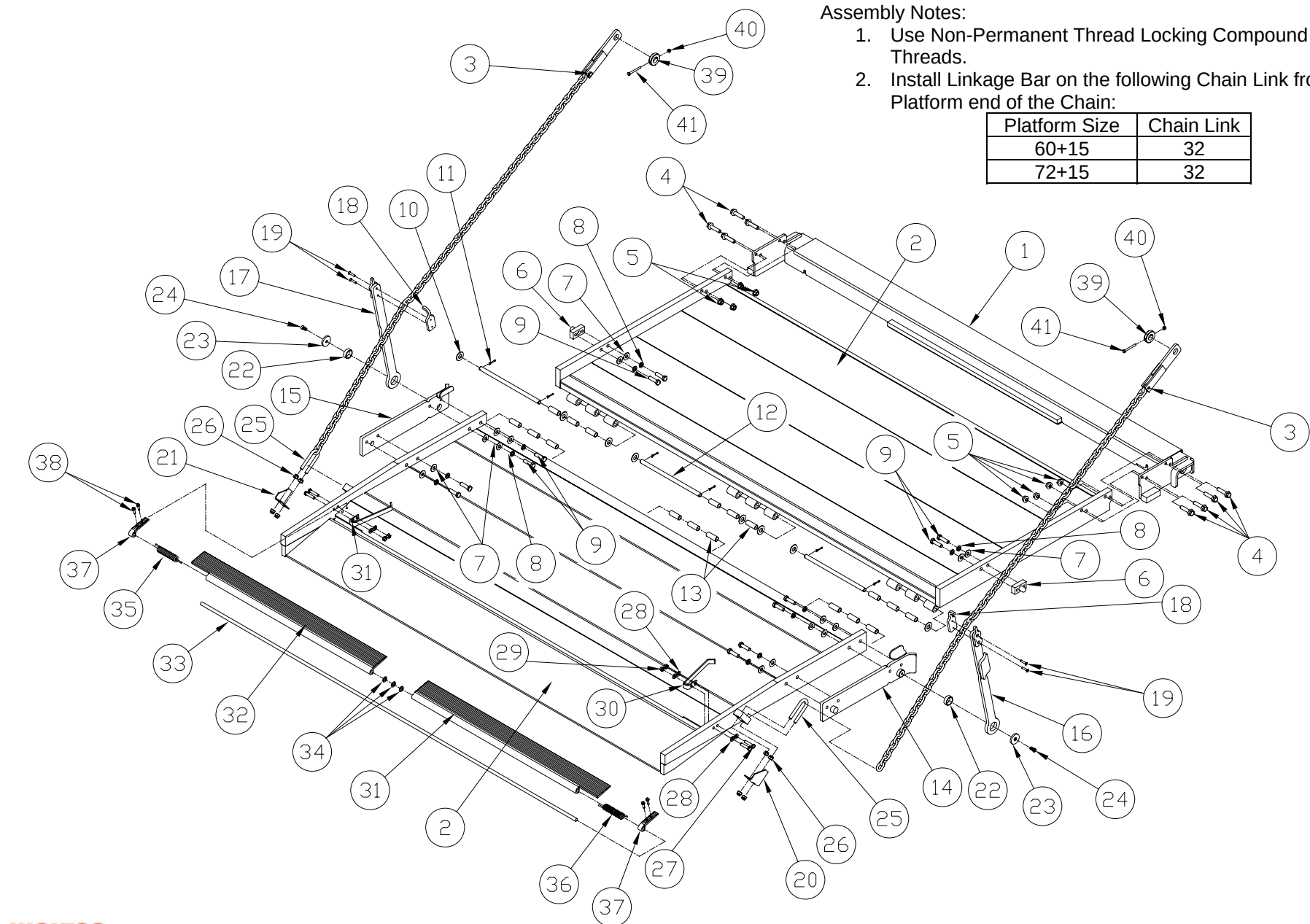
ITEM	PART NUMBER	QTY	DESCRIPTION
	3190166-4		Driver Side Linkage Bar, (72+15 & 86 BE)
	3190166-6		Driver Side Linkage Bar, (60 BE)
13	3190046	2	Linkage Bar Retaining Washer
14	7500005-1	2	3/8"-16 x 3/4" Long Hex Socket Cap Screw Low Head
15	10010180	2	1-1/4" ID x 1-1/2" OD x 1/2" Long Polygon Bearing
16	3190165-4	2	Chain Linkage Assembly (60 BE)
	3190165-6		Chain Linkage Assembly (60+15, 72+15, 72BE, 86 BE)
17	3190125-1	2	Inner Chain Anchor
18	23370800	2	Extension Hinge Pin
19	75088081	2	3/8" Lock Washer
20	75086055	2	3/8"-16 x 3/4" Long Hex Bolt
21	85803456	2	Double Clevis Link Assembly
22	37419502	2	Retention Cable Assembly
23	37414801	2	Ramp Hinge Clevis
24	37415551	1	Hinge Plate, Driver Side (Aluminum Ramp Only)
25	37415401	2	Ramp Brace Bar
26	75085193	10	3/8"-16 Hex Lock Nut (Aluminum Ramp Only)
27	75086057	10	3/8"-16 x 1-1/4" Long Bolt (Aluminum Ramp Only)
28	37415501	1	Curb Side Hinge Plate (Aluminum Ramp Only)
29	27310303	2	1/2" Dia. Clevis Pin
30	75084053	2	3/32" x 1" Long Cotter Pin
31	85803391	2	1-1/4" O.D. X 1" I.D. X 1" Long Bearing
32	85803550-1	2	Linkage Retainer Collar
33	75085161	2	1/4"-20 Lock Nut
34	75086215	2	1/4"-20 x 2-1/2" Hex Bolt
35	37414501	1	Ramp Latch Assembly

PLATFORM AND LINKAGE – ALUMINUM with FIXED RAMP
 (Built 10-07 thru 4-09)

- Assembly Notes:

 - Use Non-Permanent Thread Locking Compound on Threads.
 - Install Linkage Bar on the following Chain Link from the Platform end of the Chain:

Platform Size	Chain Link
60+15	32
72+15	32



WALTCO LIFT CORP.
 WDL XT

REVISED: 2-7-09
 E.O. 5885GG
 REV. 04

PM-718

ITEM	PART NUMBER	QTY	DESCRIPTION
1	3190085-1	1	Pivot Tube, 96 OAW
	3190085-2		Pivot Tube, 102 OAW
2	3190040-7	1	Platform, 60X77-1/2+15
	3190040-9		Platform, 72X77-1/2+15
	3190040-17		Platform, 60X83-1/2+15
	3190040-19		Platform, 72X83-1/2+15
	3190040-8		Platform, 60X77-1/2+15, Cart Stop
	3190040-10		Platform, 72X77-1/2+15, Cart Stop
	3190040-18		Platform, 60X83-1/2+15, Cart Stop
	3190040-20		Platform, 72X83-1/2+15, Cart Stop
	3190165-1		Chain Linkage Assembly, 60 BE
	3190165-2		Chain Linkage Assembly, 60+15 & 72 BE
3	3190165-3	2	Chain Linkage Assembly, 72+15 & 86 BE
4	7500002-2	8	1/2-20 x 2" Long Flanged Bolt
5	7500001-2	8	1/2-20 Flanged Hex Nut
6	3190231	2	Down Stop Pin
7	75088256	16	1/2" Washer
8	75088083	12	1/2" Lock Washer
9	75086237	12	1/2-20 x 1-3/4" Long Hex Bolt
10	75088262	9	1-3/16 O.D. x 5/8" I.D. Washer
11	75084052	6	Cotter Pin
12	31517500	3	Deck Hinge Pin
13	10010174	18	9/16" ID x 3/4" OD x 2" Long Polygon Bearing
14	3190041-1	1	Link Anchor, Curb Side, 72+15
	3190041-3		Link Anchor, Curb Side, 60+15
15	3190041-6	1	Link Anchor, Driver Side, 72+15
	3190041-8		Link Anchor, Driver Side, 60+15
16	3190166-1	1	Link Bar, Curb Side, 60+15 & 72 BE
	3190166-3		Link Bar, Curb Side, 72+15 & 86 BE
	3190166-5	1	Link Bar, Curb Side, 60 BE
17	3190166-2	1	Link Bar, Driver Side,60+15 & 72 BE
	3190166-4		Link Bar, Driver Side,72+15 & 86 BE
	3190166-6		Link Bar, Driver Side, 60 BE
18	3190125-1	2	Inner Chain Anchor
19	7500007-3	4	1/4-20 x 1-1/4" Long Flathead Screw
20	3190286-1	1	Chain Bracket, Curb side
21	3190286-2	1	Chain Bracket, Driver side
22	10010180	2	1-1/4" ID x 1-1/2" OD x 1/2" Long Polygon

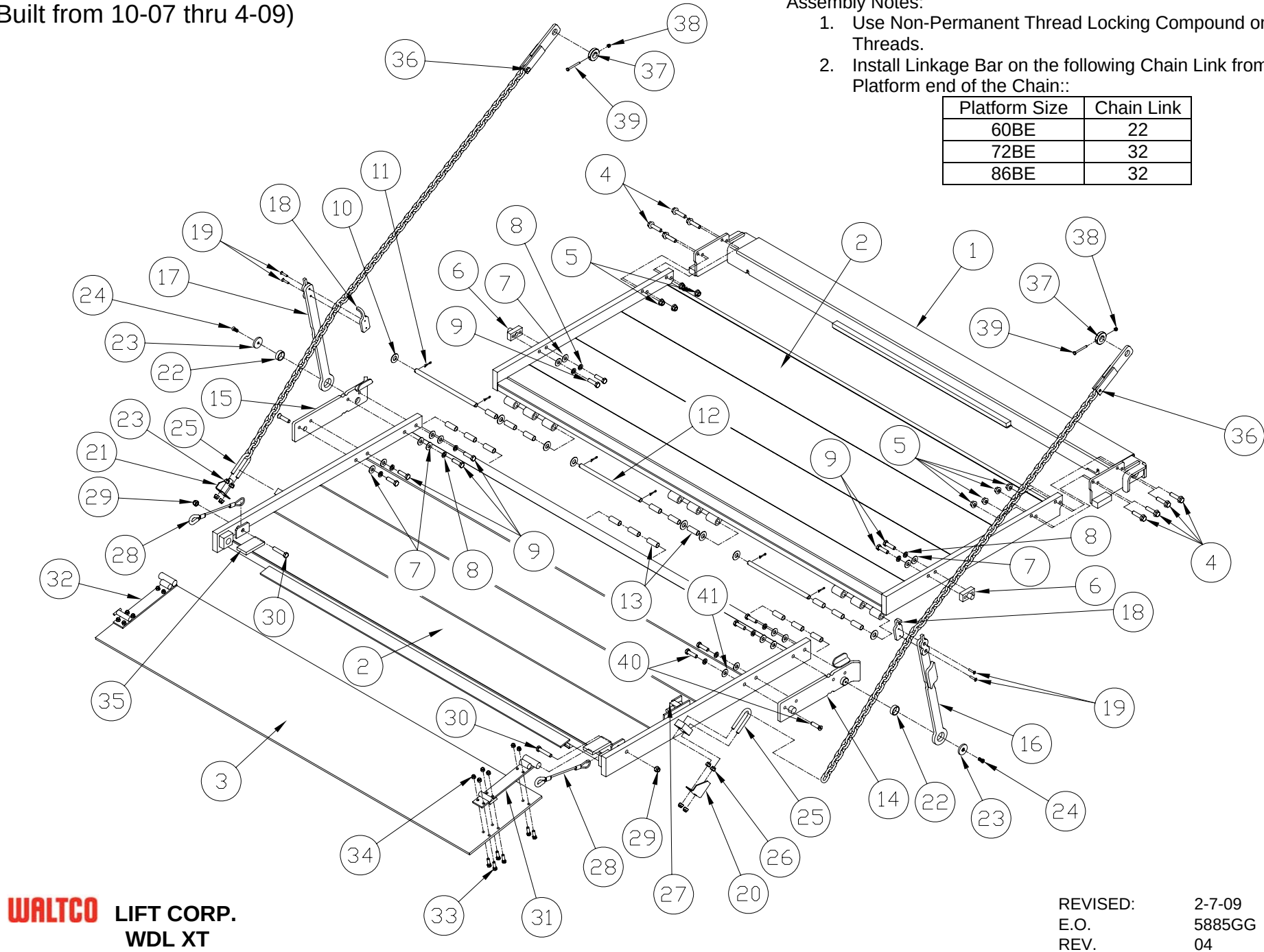
ITEM	PART NUMBER	QTY	DESCRIPTION
			Bearing
23	3190046	2	Linkage Bar Retaining Washer
24	7500005-1	2	3/8-16 x 3/4" Long Screw
25	31719600	2	7/16"-20 U-Bolt
26	85803464	8	7/16-20 Nut
27	75086222	4	3/8-16 x 1-3/4" Long Hex Bolt
28	75088255	8	3/8" Washer
29	75085005	4	3/8-16 Hex Nut
30	22515100	2	Spring Bar
31	22515403	1	Curb Side Cart Stop, 96 OAW
	32518500		Curb Side Cart Stop, 102 OAW
32	22515453	1	Driver Side Cart Stop, 96 OAW
	32518550		Driver Side Cart Stop, 102 OAW
33	22513803	1	Rod, Cart Stop Hinge, 96 OAW
	32518700		Rod, Cart Stop Hinge, 102 OAW
34	75088131	3	.875 O.D. Washer
35	22515200	1	Torsion Spring, Driver Side
36	22515300	1	Torsion Spring, Curb Side
37	22515500	2	Cart Stop Retainer
38	75086924	4	1/4-20 X 1 Hex Bolt
39	85803550-1	2	Linkage Retainer Collar
40	75085161	2	1/4-20 Nylon Lock Nut
41	75086215	2	1/4-20 X 2-1/2 Hex Bolt

PLATFORM AND LINKAGE – ALUMINUM with FOLDING RAMP
 (Built from 10-07 thru 4-09)

- Assembly Notes:

 1. Use Non-Permanent Thread Locking Compound on Threads.
 2. Install Linkage Bar on the following Chain Link from the Platform end of the Chain::

Platform Size	Chain Link
60BE	22
72BE	32
86BE	32



WALTCO LIFT CORP.
 WDL XT

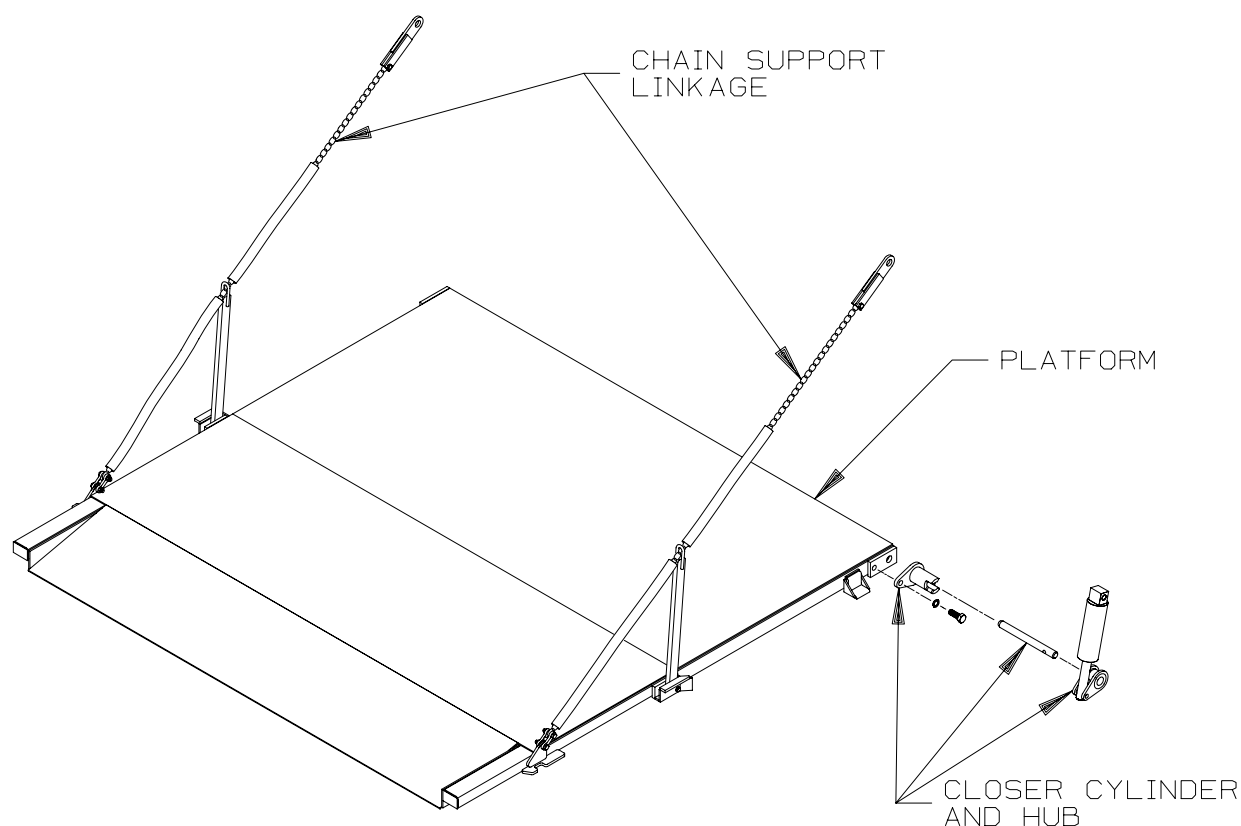
REVISED: 2-7-09
 E.O. 5885GG
 REV. 04

PM-719

ITEM	PART NUMBER	QTY	DESCRIPTION
1	3190085-1	1	Pivot Tube, 96 OAW
	3190085-2		Pivot Tube, 102 OAW
2	3190040-1	1	Platform, 60X77-1/2 BE
	3190040-3		Platform, 72X77-1/2 BE
	3190040-5		Platform, 86X77-1/2 BE
	3190040-11		Platform, 60X83-1/2 BE
	3190040-13		Platform, 72X83-1/2 BE
	3190040-15		Platform, 86X83-1/2 BE
	3190040-2		Platform, 60X77-1/2+16, Retention Ramp
	3190040-4		Platform, 72X77-1/2+16, Retention Ramp
	3190040-6		Platform, 86X77-1/2+16, Retention Ramp
	3190040-12		Platform, 60X83-1/2+16, Retention Ramp
	3190040-14		Platform, 72X83-1/2+16, Retention Ramp
	3190040-16		Platform, 86X83-1/2+16, Retention Ramp
3	31714150	1	Ramp Plate, 96 OAW
	31714100		Ramp Plate, 102 OAW
4	7500002-2	8	1/2-20 x 2" Long Flanged Bolt
5	7500001-2	8	1/2-20 Flanged Hex Nut
6	3190231	2	Down Stop Pin
7	75088256	14	1/2" Washer
8	75088083	12	1/2" Lock Washer
9	75086237	10	1/2-20 x 1-3/4" Long Hex Bolt
10	75088262	9	1-3/16 O.D. x 5/8" I.D. Washer
11	75084052	6	Cotter Pin
12	31517500	3	Deck Hinge Pin
13	10010174	18	9/16" ID x 3/4" OD x 2" Long Polygon Bearing
14	3190041-2	1	Link Anchor, Curb Side, 86 BE
	3190041-4		Link Anchor, Curb Side, 60 BE
	3190041-5		Link Anchor, Curb Side, 72 BE
15	3190041-7	1	Link Anchor, Driver Side, 86 BE
	3190041-9		Link Anchor, Driver Side, 60 BE
	3190041-10		Link Anchor, Driver Side, 72 BE
16	3190166-1	1	Link Bar, Curb Side, 60+15 & 72 BE
	3190166-3		Link Bar, Curb Side, 72+15 & 86 BE
	3190166-5		Link Bar, Curb Side, 60 BE
17	3190166-2	1	Link Bar, Driver Side,60+15 & 72 BE
	3190166-4		Link Bar, Driver Side,72+15 & 86 BE
	3190166-6		Link Bar, Driver Side, 60 BE

ITEM	PART NUMBER	QTY	DESCRIPTION
18	3190125-1	2	Inner Chain Anchor
19	7500007-3	4	1/4-20 x 1-1/4" Long Flathead Screw
20	3190286-1	1	Chain Bracket, Curb side
21	3190286-2	1	Chain Bracket, Driver side
22	10010180	2	1-1/4" ID x 1-1/2" OD x 1/2" Long Polygon Bearing
23	3190046	2	Linkage Bar Retaining Washer
24	7500005-1	2	3/8-16 x 3/4" Long Screw
25	31719600	2	7/16"-20 U-Bolt
26	85803464	8	7/16-20 Nut
27	31714500	1	Ramp Latch Assembly
28	37419502	2	Cable Assembly
29	75085279	2	1/2-13 Lock Nut
30	75086110	2	1/2-13 X 2-1/2 Hex Bolt
	75086295		1/2-13 X 3-1/2 Hex Bolt
31	3170001-1	1	Curb Side Ramp Hinge Assembly
32	3170001-2	1	Driver Side Ramp Hinge Assembly
33	75086057	12	3/8-16 x 1-1/4" Long Hex Screw
34	75085193	12	3/8-16 Hex Lock Nut
35	31715400	2	½" X 2" X 4" Bar
36	3190165-1	2	Chain Linkage Assembly, 60 BE
	3190165-2		Chain Linkage Assembly, 60+15 & 72 BE
	3190165-3		Chain Linkage Assembly, 72+15 & 86 BE
37	85803550-1	2	Linkage Retainer Collar
38	75085161	2	1/4-20 Nylon Lock Nut
39	75086215	2	1/4-20 X 2-1/2 Hex Bolt
40	7500007-5	2	1/2-20 X 2 Flathead Screw (60BE Only)
	75086237		1/2-20 x 1-3/4" Long Hex Bolt
41	75085181	2	1/2-20 Lock Nut (60BE Only)
	75088256		1/2" Washer

WDL Value Line PLATFORM and LINKAGE (Built 3-08 thru 2-09)



Common Features

- Capacity decal: 3500, 4500, 5500, and 6600 pounds
- Steel Platform Sizes: 42", 60", 72" and 86" deep
80" and 86" wide
- Ramp: 15" fixed, 16" folding aluminum, 12" folding steel
- Chain linkage support (Two piece platforms)
- Bar Linkage support (One piece platforms)
- Cylinder closing with closure hub

Steel Platform - 15" ramp

PM-745

Built from 3-08 thru 2-09

Steel Platform - Butt End

PM-746

Built from 3-08 thru 2-09

Steel Platform - 1 piece

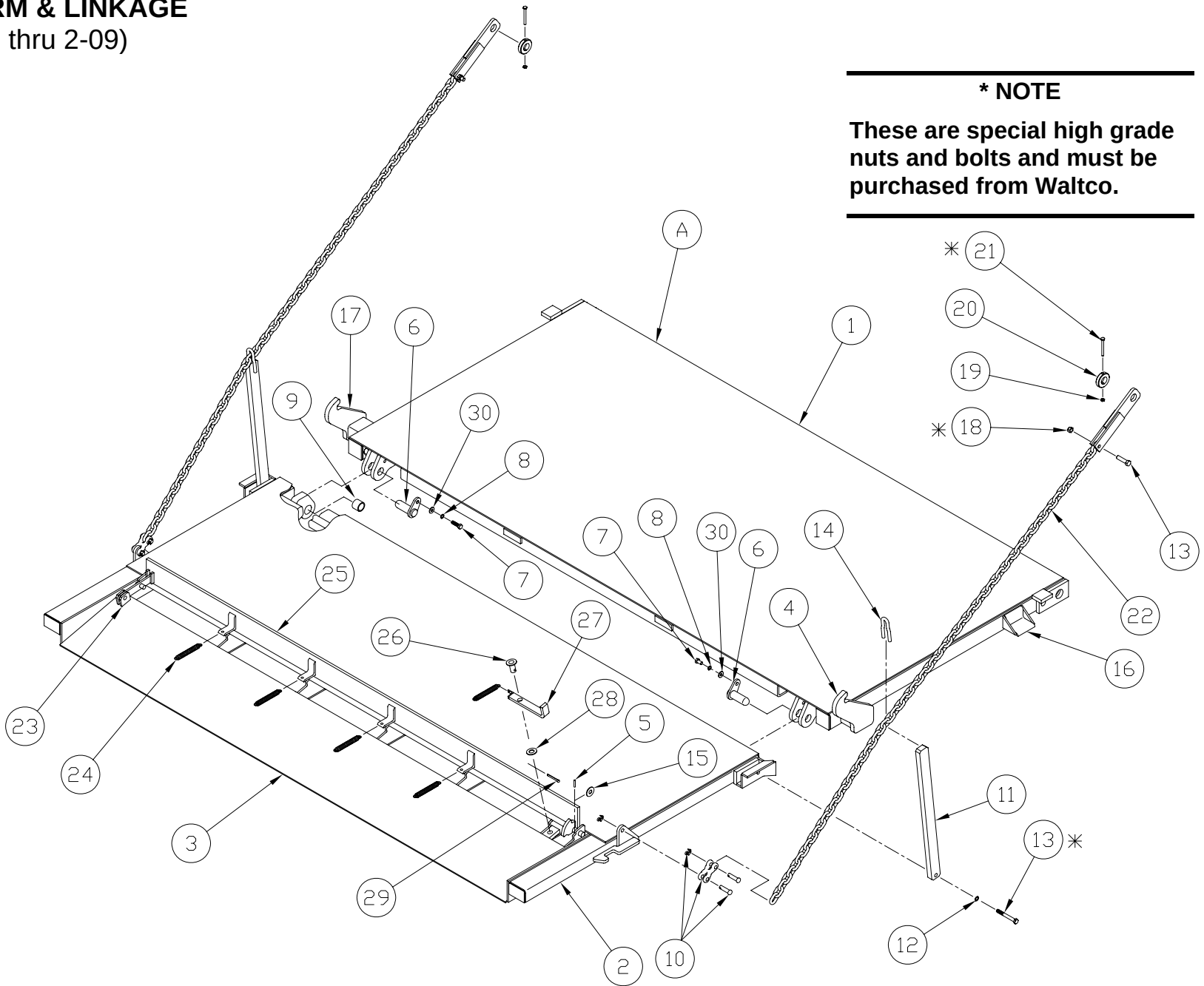
PM-747

Built from 3-08 thru 2-09

Rev. 01 7/10

[Click here for list of liftgate serial numbers, organized by approximate ship dates.](#)

PLATFORM & LINKAGE
 (Built 3-08 thru 2-09)



WALTCO LIFT CORP.
 WDL Value Line

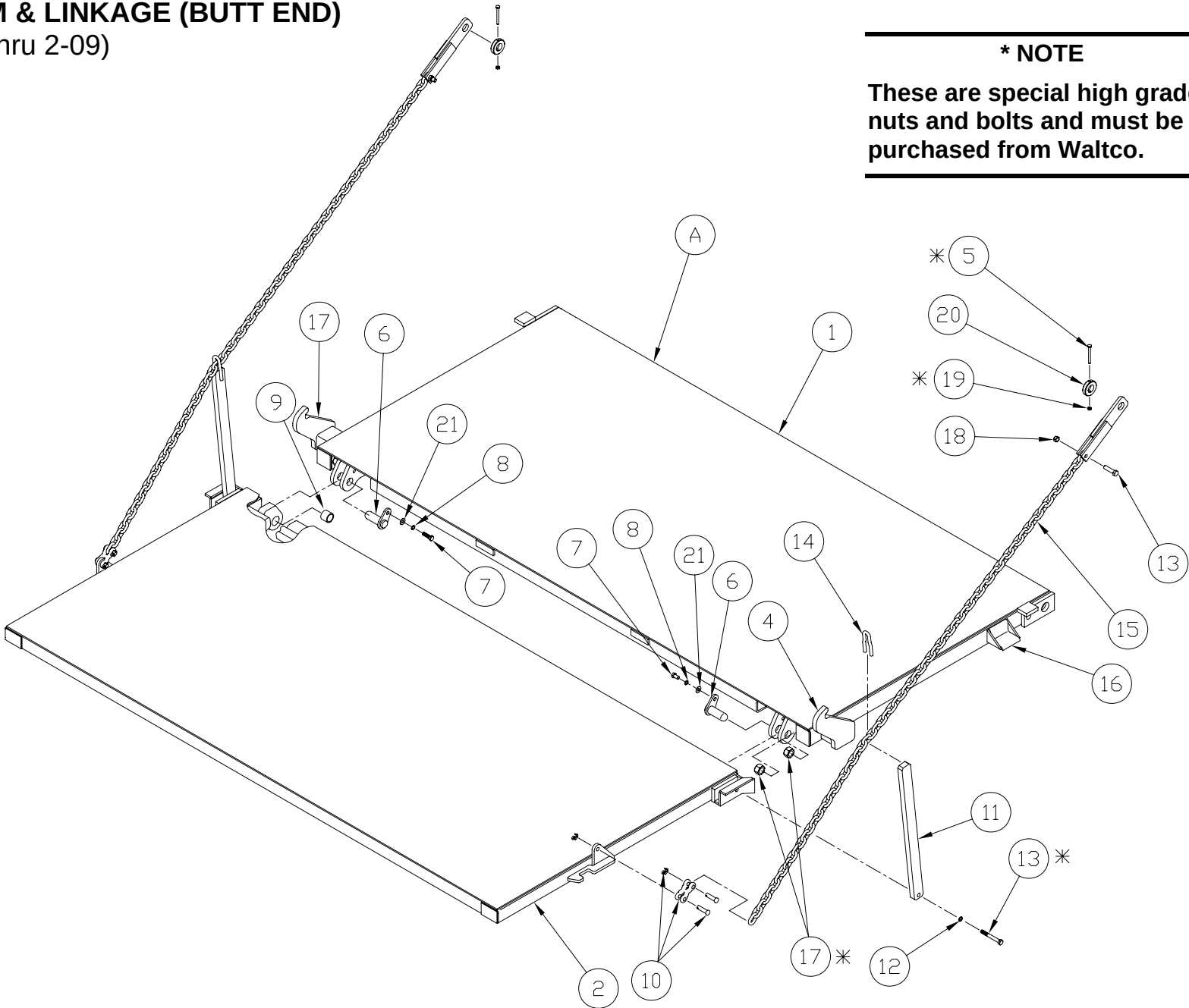
REVISED: 5-1-09
 E.O. 6219
 REV. 03

PM-745

ITEM	PART NUMBER	QTY	DESCRIPTION
A	31410005	1	Platform Assy Comp, 60"x80"+15" Ramp
	31410007	1	Platform Assy Comp, 60"x80"+15" Ramp w/ Cart Stop
	31410009	1	Platform Assy Comp, 72"x80"+15" Ramp
	31410011	1	Platform Assy Comp, 72"x80"+15" Ramp w/ Cart Stop
	32410005	1	Platform Assy Comp, 60"x86"+15" Ramp
	32410007	1	Platform Assy Comp, 60"x86"+15" Ramp w/ Cart Stop
	32410009	1	Platform Assy Comp, 72"x86"+15" Ramp
	32410011	1	Platform Assy Comp, 72"x86"+15" Ramp w/ Cart Stop
1	31411005	1	Deck Assy, 60"x80"+15"
	31411007	1	Deck Assy, 42"x80" (72"+15" & 86" B.E. Platforms)
	32411005	1	Deck Assy, 60"x86"+15"
	32411007	1	Deck Assy, 42"x86" (72"+15" & 86" B.E. Platforms)
2	31418003	1	Deck Ext Assy, 60"x80"+15"
	31418004	1	Deck Ext Assy, 60"x80"+15" w/ Cart Stop
	31418005	1	Deck Ext Assy, 72"x80"+15"
	31418006	1	Deck Ext Assy, 72"x80"+15" w/ Cart Stop
	32418003	1	Deck Ext Assy, 60"x86"+15"
	32418004	1	Deck Ext Assy, 60"x86"+15" w/ Cart Stop
	32418005	1	Deck Ext Assy, 72"x86"+15"
	32418006	1	Deck Ext Assy, 72"x86"+15" w/ Cart Stop
3	85803191	1	80" Cart Stop Ramp Assembly Complete (Items 18 Thru 27)
	85803418	1	86" Cart Stop Ramp Assembly Complete (Items 18 Thru 27)
4	31452002	1	Bottom Stop Hook Assy, Curb Side
5	75089547	1	3/16" x 1" Coiled Pin
6	37417501	2	Extension Hinge Pin
7	75086055	2	3/8"-16 x 3/4" Lg. Gr. 5 Hex Bolt
8	75088081	2	3/8" Lock Washer
9	85803391	2	1-1/4" O.D. x 1" I.D. x 1" Lg. Bearing
10	85803456	2	Double Clevis Link (w/ Clevis Pins and Cotter Pins)
11	85803443	2	Connecting Link Bar (72"+15" Ramp Only)

ITEM	PART NUMBER	QTY	DESCRIPTION
	85803587	2	Connecting Link Bar (60"+15" Ramp Only)
12	75088082	2	7/16" Lock Washer
13	85803462	4	7/16"-20 x 1-1/2" Hex Bolt (Grade 8)
14	85803444	2	Connecting Link
15	75088064	1	5/8" Plain Washer
16	31417501	1	Platform Stop Angle Assy
17	31452052	1	Bottom Stop Hook Assy, Street Side
*18	85803464	2	7/16"-20 Lock Nut
19	75085161	1	1/4"-20 Lock Nut
20	85803550	2	Linkage Retainer Collar
*21	75086215	2	1/4"-20 x 2-1/2" Hex Bolt
22	85803596	2	Chain Linkage Assembly (72"+15" Ramp & 60"+15" Ramp Only)
23	35442501	1	Cart Stop Brace Assembly
24	75089752	5	Extension Spring
25	85803192	1	80" Cart Stop Assembly (Cart Stop Platforms Only)
	85803419	1	86" Cart Stop Assembly (Cart Stop Platforms Only)
26	35440502	1	Cart Stop Pin Assembly (Cart Stop Platforms Only)
27	35442002	1	Cart Stop Lever Assembly (Cart Stop Platforms Only)
28	75088056	1	1/2" Plain Washer
29	75084052	1	5/32" x 1" Cotter Pin
30	75088053	2	3/8" Flat Washer

PLATFORM & LINKAGE (BUTT END)
 (Built 3-08 thru 2-09)



* NOTE

These are special high grade nuts and bolts and must be purchased from Waltco.

WALTCO LIFT CORP.
 WDL Value Line

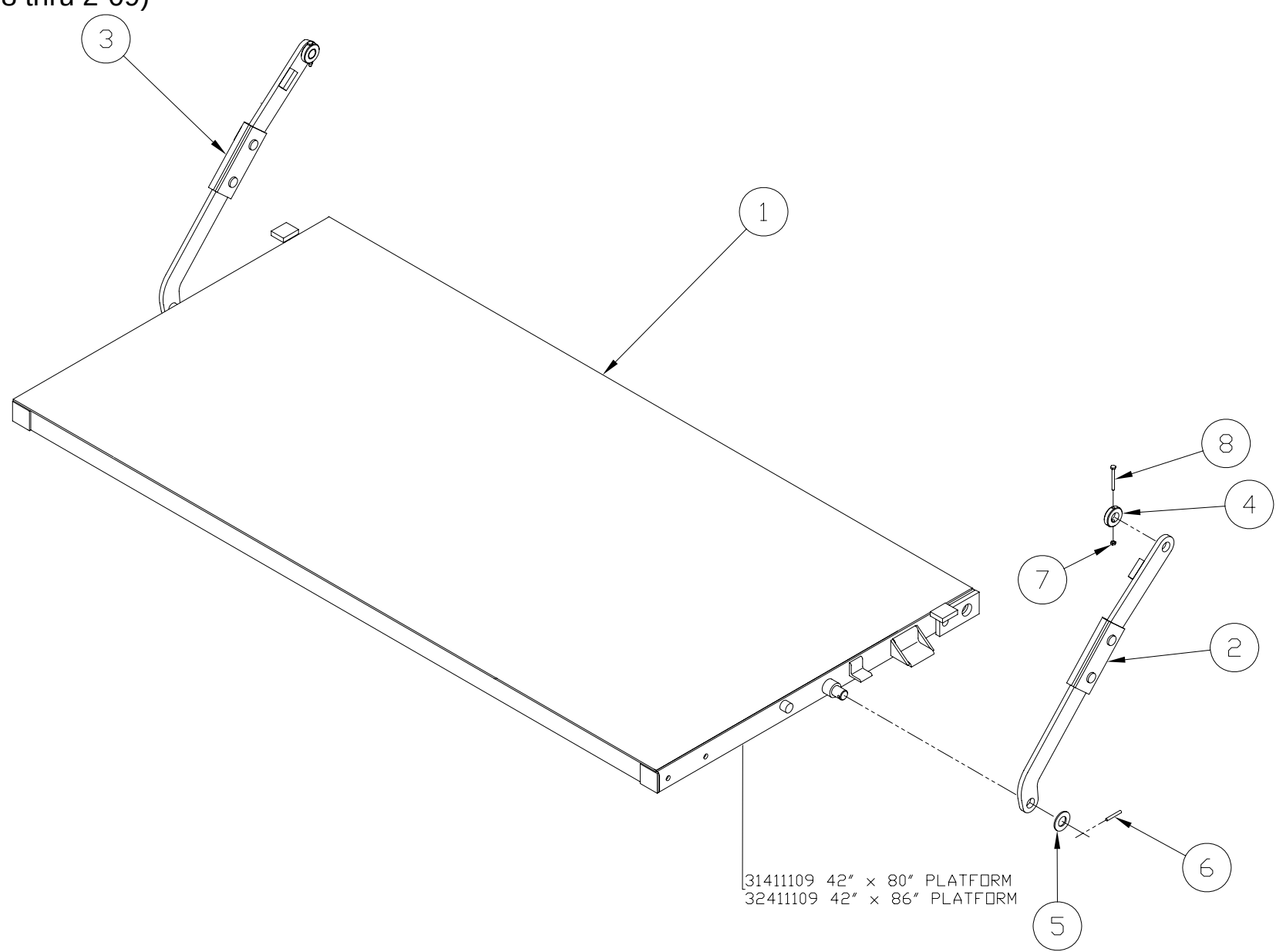
REVISED: 5-1-09
 E.O. 6219
 REV. 03

PM-746

ITEM	PART NUMBER	QTY	DESCRIPTION
A	31410001	1	Platform Assy Complete, 60" x 80" B.E.
	31410003	1	Platform Assy Complete, 72" x 80" B.E.
	31410013	1	Platform Assy Complete, 86" x 80" B.E.
	32410001	1	Platform Assy Complete, 60" x 86" B.E.
	32410003	1	Platform Assy Complete, 72" x 86" B.E.
	32410013	1	Platform Assy Complete, 86" x 86" B.E.
1	31411001	1	Deck Assy, 60" x 80" B.E.
	31411005	1	Deck Assy, 72" x 80" B.E.
	31411007	1	Deck Assy, 86" x 80" B.E.
	32411001	1	Deck Assy, 60" x 86" B.E.
	32411005	1	Deck Assy, 72" x 86" B.E.
	32411007	1	Deck Assy, 86" x 86" B.E.
2	31418001	1	Deck Ext Assy, 60" x 80" B.E.
	31418002	1	Deck Ext Assy, 72" x 80" B.E.
	31418007	1	Deck Ext Assy, 86" x 80" B.E.
	32418001	1	Deck Ext Assy, 60" x 86" B.E.
	32418002	1	Deck Ext Assy, 72" x 86" B.E.
	32418007	1	Deck Ext Assy, 86" x 86" B.E.
4	31452002	1	Bottom Stop Hook Assy, Curb Side
*5	75086215	2	1/4"-20 x 2-1/2" Hex Bolt
6	37417501	2	Extension Hinge Pin
7	75086055	2	3/8"-16 x 3/4" Lg. Gr. 5 Hex Bolt
8	75088081	2	3/8" Lock Washer
9	85803391	2	1-1/4" O.D. x 1" I.D. x 1" Lg. Bearing
10	85803456	2	Double Clevis Link (w/ Clevis Pins and Cotter Pins)
11	85803587	2	Connecting Link Bar (60" B.E. & 72" B.E. Only)
	85803443	2	Connecting Link Bar (86" B.E. Only)
12	75088082	2	7/16" Lock Washer
13	85803462	4	7/16"-20 x 1-1/2" Hex Bolt (Grade 8)
14	85803444	2	Connecting Link
15	85803592	2	Chain Linkage Assembly (60" B.E. Only)
	85803596	2	Chain Linkage Assy (72" B.E. & 86" B.E. Only)
16	31417501	1	Platform Stop Angle Assembly
17	31452052	1	Bottom Stop Hook Assy, Street Side
*18	85803464	2	7/16"-20 Lock Nut
19	75085161	1	1/4"-20 Lock Nut

ITEM	PART NUMBER	QTY	DESCRIPTION
20	85803550	2	Linkage Retainer Collar
21	75088053	2	3/8" Flat Washer

PLATFORM & LINKAGE (ONE PIECE)
 (Built 3-08 thru 2-09)



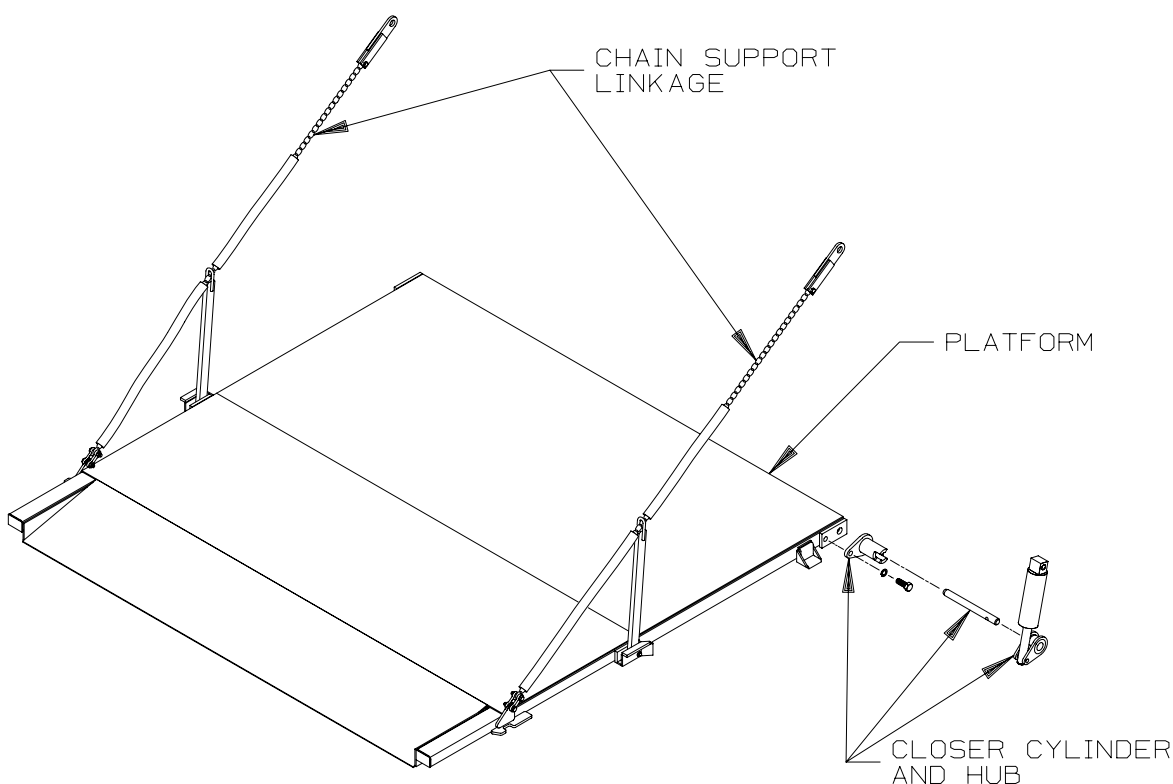
WALTCO LIFT CORP.
 WDL Value Line

REVISED: 4-4-08
 E.O. 6011B
 REV. 01

PM-747

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31411109	1	42" x 80" Butt End Platform
	32411109	1	42" x 86" Butt End Platform
2	31255001	1	C.S. Link Assembly
3	31255051	1	D.S. Link Assembly
4	85803550	2	Linkage Retainer Collar
5	75088061	2	1" Plain Washer
6	75089541	2	1/4" x 1-7/8" Coiled Pin
7	75085175	2	1/4-20 Lock Nut
8	75086215	2	1/4"-20 x 2-1/2" Hex Bolt

WDL (2009) PLATFORM and LINKAGE (Built 1-09 thru 4-09)



Common Features

- Capacity decal: 3500, 4500, 5500, and 6600 pounds
- Steel Platform Sizes: 42", 60", 72" and 86" deep
80" and 86" wide
- Aluminum Platform Sizes: 72" and 86" deep
80" and 86" wide
- Ramp: 15" fixed, 16" folding aluminum
- Chain linkage support
- Cylinder closing with closure hub

Steel Platform - 15" ramp

PM-765
Built 1-09 thru 4-09

Steel Platform – Butt End

PM-766
Built 1-09 thru 4-09

Aluminum Folding Ramp

PM-768
Built 1-09 thru 4-09

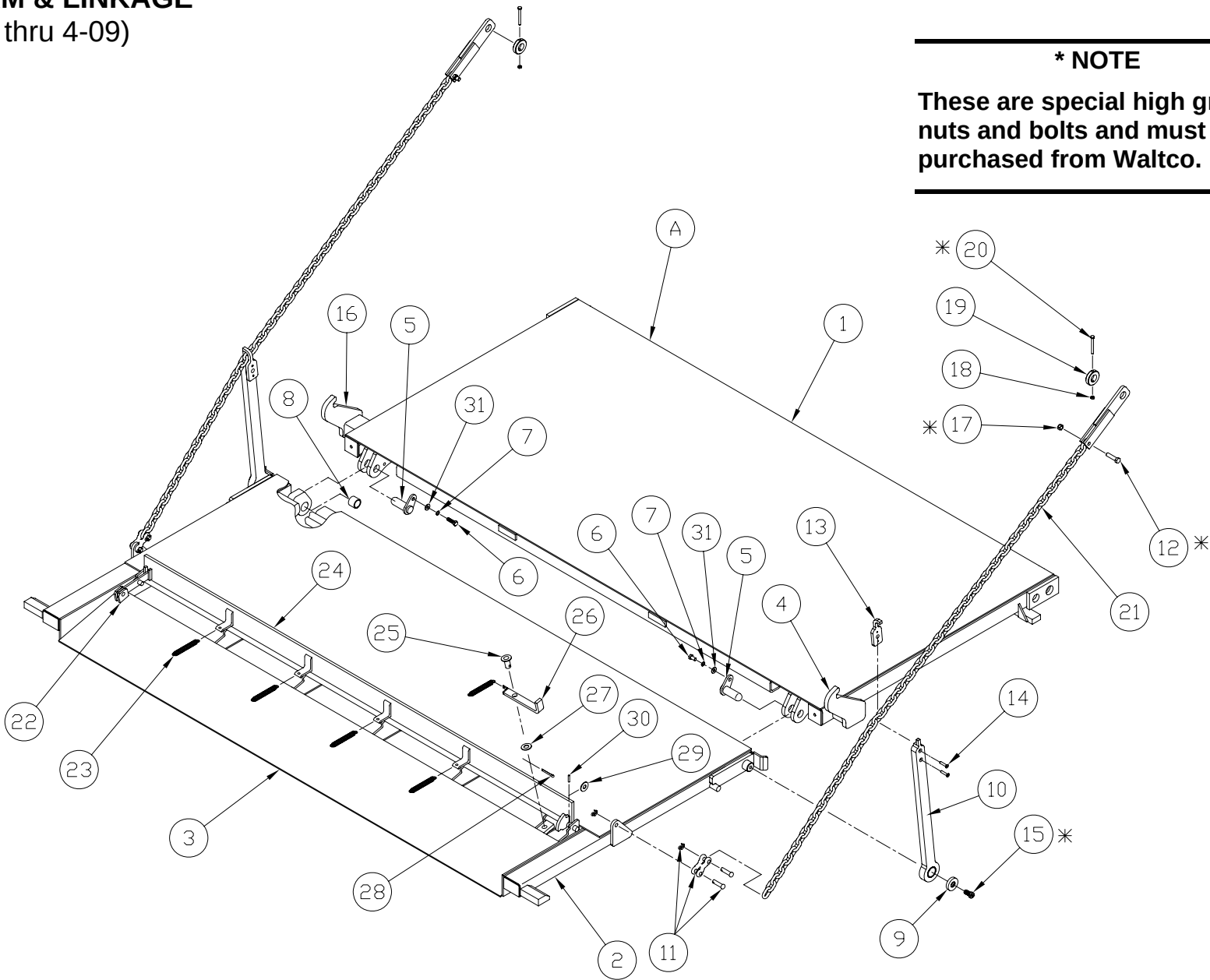
Steel Platform - 1 piece

PM-767
Built 1-09 thru 4-09

Rev. 01 7/10

[Click here for list of liftgate serial numbers, organized by approximate ship dates.](#)

PLATFORM & LINKAGE
 (Built 1-09 thru 4-09)



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 nuts and bolts and must be
 purchased from Waltco.

WALTCO LIFT CORP.
 WDL (2009)

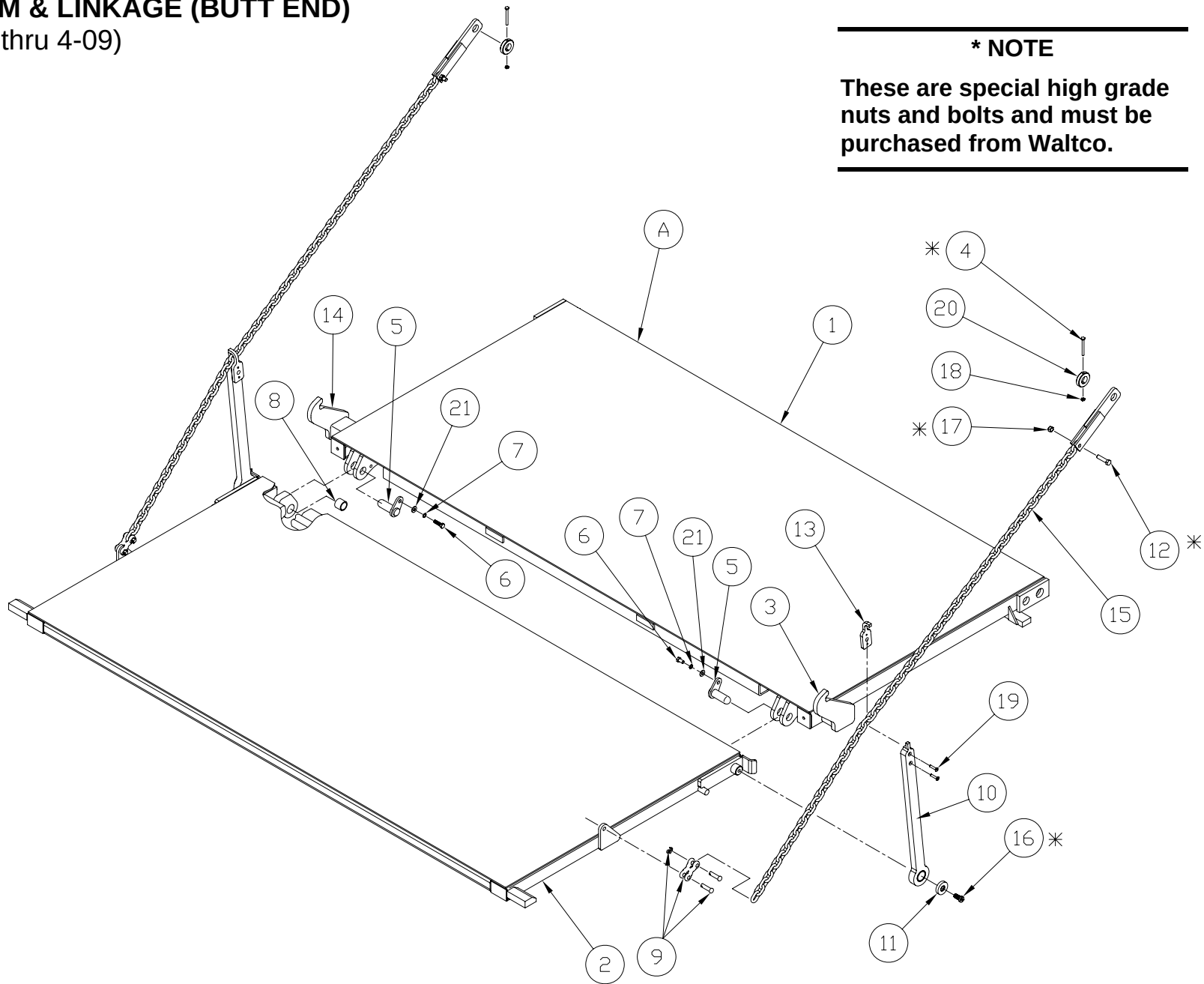
REVISED: 8-1-09
 E.O. 6251
 REV. 03

PM-765

ITEM	PART NUMBER	QTY	DESCRIPTION
A	40410061-1	1	Platform Assy Comp, 60"x80"+15" Ramp
	40410062-1	1	Platform Assy Comp, 60"x80"+15" Ramp w/ Cart Stop
	40410071-1	1	Platform Assy Comp, 72"x80"+15" Ramp
	40410072-1	1	Platform Assy Comp, 72"x80"+15" Ramp w/ Cart Stop
	40410061-2	1	Platform Assy Comp, 60"x86"+15" Ramp
	40410062-2	1	Platform Assy Comp, 60"x86"+15" Ramp w/ Cart Stop
	40410071-2	1	Platform Assy Comp, 72"x86"+15" Ramp
	40410072-2	1	Platform Assy Comp, 72"x86"+15" Ramp w/ Cart Stop
1	40411070-1	1	Deck Assy, 60"x80"+15"
	40411080-1	1	Deck Assy, 42"x80" (72"+15" & 86" B.E. Platforms)
	40411070-2	1	Deck Assy, 60"x86"+15"
	40411080-2	1	Deck Assy, 42"x86" (72"+15" & 86" B.E. Platforms)
2	40413061-1	1	Deck Ext Assy, 60"x80"+15"
	40413062-1	1	Deck Ext Assy, 60"x80"+15" w/ Cart Stop
	40413071-1	1	Deck Ext Assy, 72"x80"+15"
	40413072-1	1	Deck Ext Assy, 72"x80"+15" w/ Cart Stop
	40413061-2	1	Deck Ext Assy, 60"x86"+15"
	40413062-2	1	Deck Ext Assy, 60"x86"+15" w/ Cart Stop
	40413071-2	1	Deck Ext Assy, 72"x86"+15"
	40413072-2	1	Deck Ext Assy, 72"x86"+15" w/ Cart Stop
3	85803191	1	80" Cart Stop Ramp Assembly Complete (Items 22 Thru 30)
	85803418	1	86" Cart Stop Ramp Assembly Complete (Items 22 Thru 30)
4	31452002	1	Bottom Stop Hook Assy, Curb Side
5	37417501	2	Extension Hinge Pin
6	75086055	2	3/8"-16 x 3/4" Lg. Gr. 5 Hex Bolt
7	75088081	2	3/8" Lock Washer
8	85803391	2	1-1/4" O.D. x 1" I.D. x 1" Lg. Bearing
9	40455200	2	Linkage Washer
10	40455070	1	Connecting Link Bar, CS (60"+15" Ramp Only)
	40455075	1	Connecting Link Bar, DS (60"+15" Ramp Only)

ITEM	PART NUMBER	QTY	DESCRIPTION
	40455080	2	Connecting Link Bar (72"+15" Ramp Only)
11	85803456	2	Double Clevis Link (w/ Clevis Pins and Cotter Pins)
*12	85803462	2	7/16"-20 x 1-1/2" Hex Bolt (Grade 8)
13	3190125	2	Connecting Link
14	7500007-3	4	Hex Socket Flat Countersunk Cap Screw, 1/4"-20 x 1-1/4"
*15	7500005-2	2	Low Head Hex Socket Cap Screw, 1/2"-13 x 1"
16	31452052	1	Bottom Stop Hook Assy, Street Side
*17	85803464	2	7/16"-20 Lock Nut
18	75085175	2	1/4"-20 Lock Nut
19	85803550-1	2	Linkage Retainer Collar
*20	75086215	2	1/4"-20 x 2-1/2" Hex Bolt
21	85803596	2	Chain Linkage Assembly (72"+15" Ramp & 60"+15" Ramp Only)
22	35442501	1	Cart Stop Brace Assembly
23	75089752	5	Extension Spring
24	85803192	1	80" Cart Stop Assembly (Cart Stop Platforms Only)
	85803419	1	86" Cart Stop Assembly (Cart Stop Platforms Only)
25	35440502	1	Cart Stop Pin Assembly (Cart Stop Platforms Only)
26	35442002	1	Cart Stop Lever Assembly (Cart Stop Platforms Only)
27	75088067	1	1/2" Plain Washer
28	75084052	1	5/32" x 1" Cotter Pin
29	75088057	1	5/8" Plain Washer
30	75089547	1	3/16" x 1" Coiled Pin
31	75088053	2	3/8" Flat Washer

PLATFORM & LINKAGE (BUTT END)
(Built 1-09 thru 4-09)



*** NOTE**

These are special high grade
nuts and bolts and must be
purchased from Waltco.

WALTCO LIFT CORP.
WDL (2009)

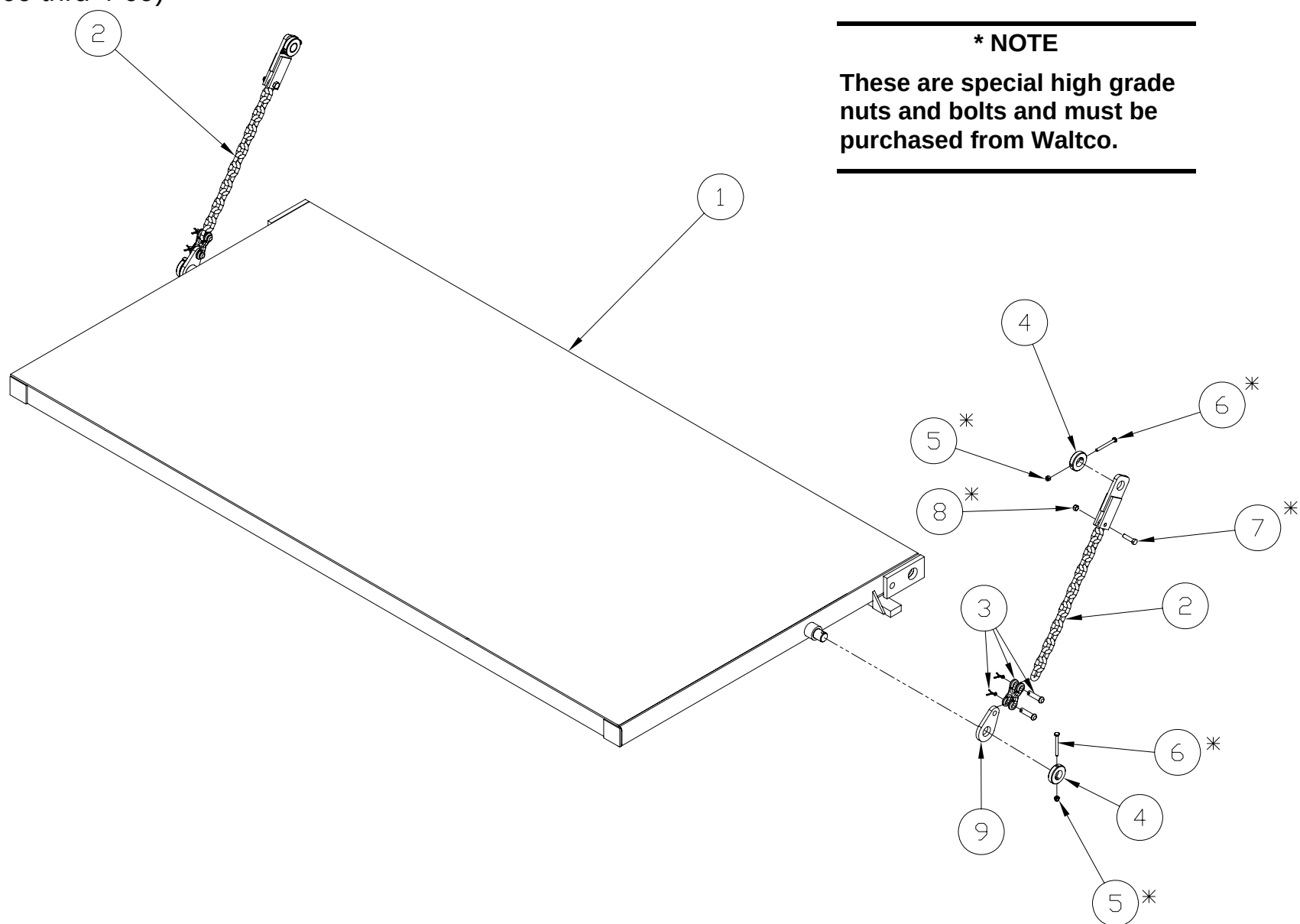
REVISED: 8-1-09
E.O. 6251
REV. 03

PM-766

ITEM	PART NUMBER	QTY	DESCRIPTION
A	40410060-1	1	Platform Assy Complete, 60" x 80" B.E.
	40410070-1	1	Platform Assy Complete, 72" x 80" B.E.
	40410080-1	1	Platform Assy Complete, 86" x 80" B.E.
	40410060-2	1	Platform Assy Complete, 60" x 86" B.E.
	40410070-2	1	Platform Assy Complete, 72" x 86" B.E.
	40410080-2	1	Platform Assy Complete, 86" x 86" B.E.
1	40411060-1	1	Deck Assy, 60" x 80" B.E.
	40411070-1	1	Deck Assy, 72" x 80" B.E.
	40411080-1	1	Deck Assy, 86" x 80" B.E.
	40411060-2	1	Deck Assy, 60" x 86" B.E.
	40411070-2	1	Deck Assy, 72" x 86" B.E.
	40411080-2	1	Deck Assy, 86" x 86" B.E.
2	40413060-1	1	Deck Ext Assy, 60" x 80" B.E.
	40413070-1	1	Deck Ext Assy, 72" x 80" B.E.
	40413080-1	1	Deck Ext Assy, 86" x 80" B.E.
	40413060-2	1	Deck Ext Assy, 60" x 86" B.E.
	40413070-2	1	Deck Ext Assy, 72" x 86" B.E.
	40413080-2	1	Deck Ext Assy, 86" x 86" B.E.
3	31452002	1	Bottom Stop Hook Assy, Curb Side
*4	75086215	2	1/4"-20 x 2-1/2" Hex Bolt
5	37417501	2	Extension Hinge Pin
6	75086055	2	3/8"-16 x 3/4" Lg. Gr. 5 Hex Bolt
7	75088081	2	3/8" Lock Washer
8	85803391	2	1-1/4" O.D. x 1" I.D. x 1" Lg. Bearing
9	85803456	2	Double Clevis Link (w/ Clevis Pins and Cotter Pins)
10	40455060	1	Connecting Link Bar, CS (60" B.E. Only)
	40455065	1	Connecting Link Bar, DS (60" B.E. Only)
	40455070	1	Connecting Link Bar, CS (72" B.E. Only)
	40455075	1	Connecting Link Bar, DS (72" B.E. Only)
	40455080	2	Connecting Link Bar (86" B.E. Only)
11	40455200	2	Linkage Washer
*12	85803462	2	7/16"-20 x 1-1/2" Hex Bolt (Grade 8)
13	3190125	2	Connecting Link
14	31452052	1	Bottom Stop Hook Assy, Street Side
15	85803592	2	Chain Linkage Assembly (60" B.E. Only)
	85803596	2	Chain Linkage Assy (72" B.E. & 86" B.E. Only)

ITEM	PART NUMBER	QTY	DESCRIPTION
*16	7500005-2	2	Low Head hex Socket Cap Screw, 1/2"-13 x 1"
*17	85803464	2	7/16"-20 Lock Nut
18	75085175	2	1/4"-20 Lock Nut
19	7500007-3	4	Hex Socket Flat Countersink Cap Screw, 1/4"-20 x 1"
20	85803550-1	2	Linkage Retainer Collar
21	75088053	2	3/8" Flat Washer

PLATFORM & LINKAGE (ONE PIECE)
(Built 1-09 thru 4-09)



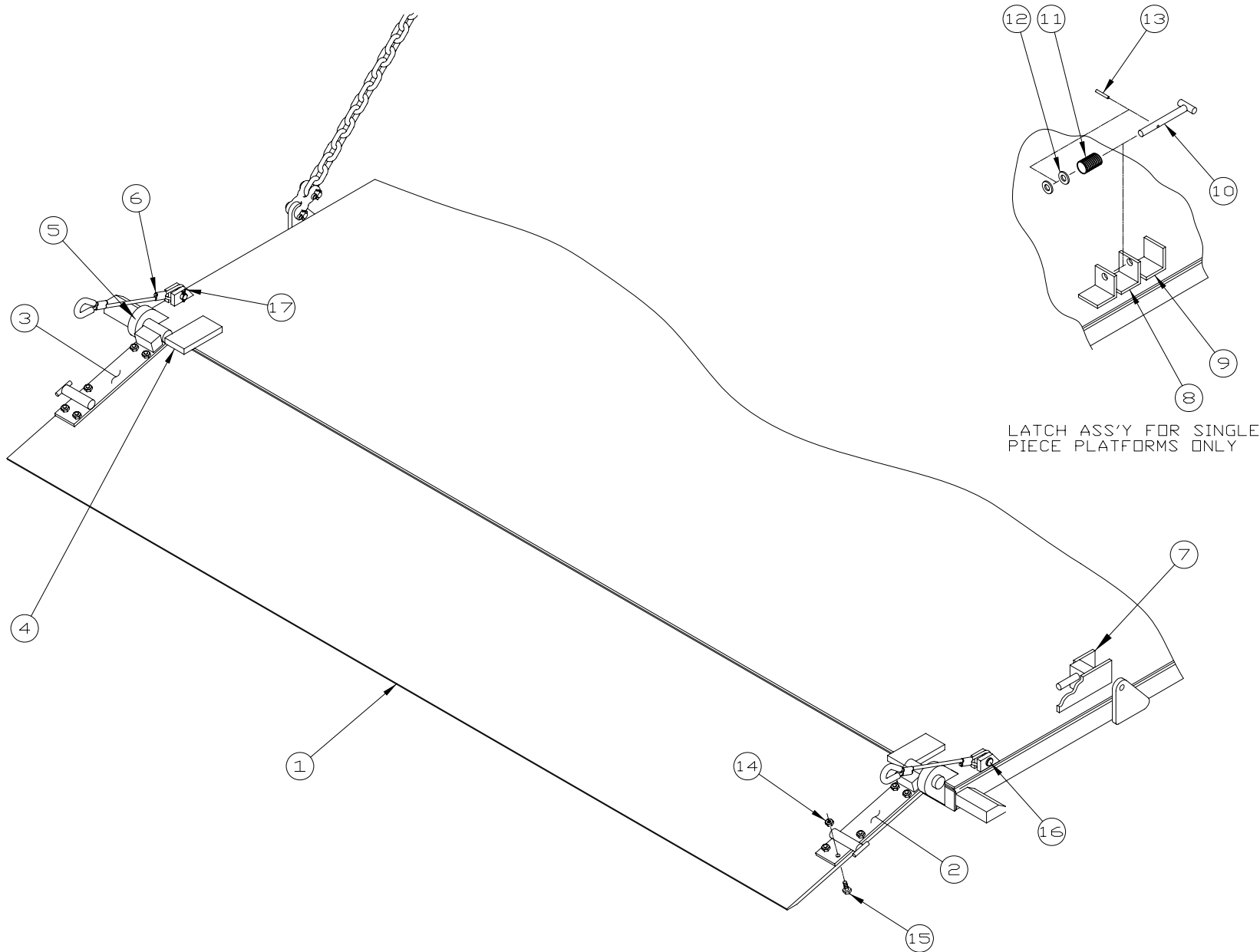
WALTCO LIFT CORP.
WDL (2009)

REVISED: 1-30-09
E.O. 6095E
REV. 01

PM-767

ITEM	PART NUMBER	QTY	DESCRIPTION
1	40411040-1	1	42" x 80" Butt End Platform
	40411040-2	1	42" x 86" Butt End Platform
2	40155000	2	Link Assembly
3	85803456	2	Double Clevis Link (w/ Clevis Pins and Cotter Pins)
4	85803550-1	4	Linkage Retainer Collar
5	75085175	4	1/4-20 Lock Nut
6	75086215	4	1/4"-20 x 2-1/2" Hex Bolt
7	85803462	2	7/16"-20 x 1-1/2" Hex Bolt (Grade 8)
8	85803464	2	7/16"-20 Lock Nut
9	40154800	2	Linkage Base Plate

16” ALUMINUM FOLDING RAMPS
(Built 1-09 thru 4-09)



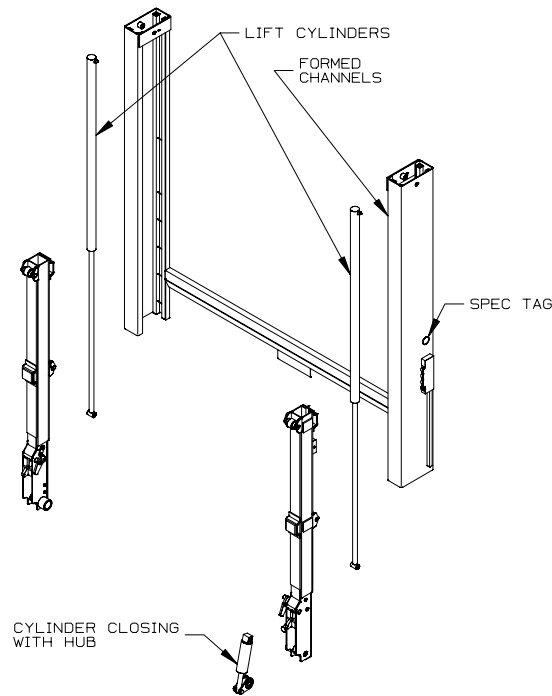
WALTCO LIFT CORP.
WDL (2009)

REVISED: 1-30-09
E.O. 6095E
REV. 01

PM-768

ITEM	PART NUMBER	QTY	DESCRIPTION
1	85803187	1	16" Aluminum Ramp (80" Platform)
	85803151	1	16" Aluminum Ramp (86" Platform)
2	37415501	1	Curb Side Hinge Plate Assembly (Aluminum Ramp Only)
3	37415551	1	Street Side Hinge Plate Assembly(Aluminum Ramp Only)
4	37415401	2	Ramp Brace Bar
5	37414801	2	Ramp Hinge Clevis
6	37419501	2	Retention Cable Assembly
7	37414501	1	Ramp Latch Assembly (2 Pc. Platform Only)
8	85803484	2	Ramp latch Angle (1 Pc. Platform Only)
9	85803488	1	Pin Guard Angle (1 Pc. Platform Only)
10	85803485	1	Ramp Latch Pin Assembly (1 Pc. Platform Only)
11	20215400	1	Ramp Latch Pin Spring (1 Pc. Platform Only)
12	75088056	2	1/2" Plain Washer (1 Pc. Platform Only)
13	75089553	1	1/4" x 1-1/4" Coiled Pin (1 Pc. Platform Only)
14	75085193	10	3/8"-16 Hex Lock Nut (Aluminum Ramp Only)
15	75086057	10	3/8"-16 x 1-1/4" Hex Head Bolt (Aluminum Ramp Only)
16	75084053	2	3/32" x 1" Cotter Pin
17	27310303	2	½" Dia. Clevis Pin

WDL & WDL RM MAIN FRAME and RUNNER ASSEMBLY (Built thru 10-05)



Common Features

- Capacity: 3500, 4500, 5500, and 6600 pounds
- Cylinder closing with closure hub ♦
- Dual lifting cylinders mounted vertically
- Formed channels for cylinders and runners
- Spec tag on rail
- Options available: Bottom Stops, Store Below Bed
- Manual Transit Latch
- Threshold Extension (crossbeam with flip-up plate) option (see following page for more information).

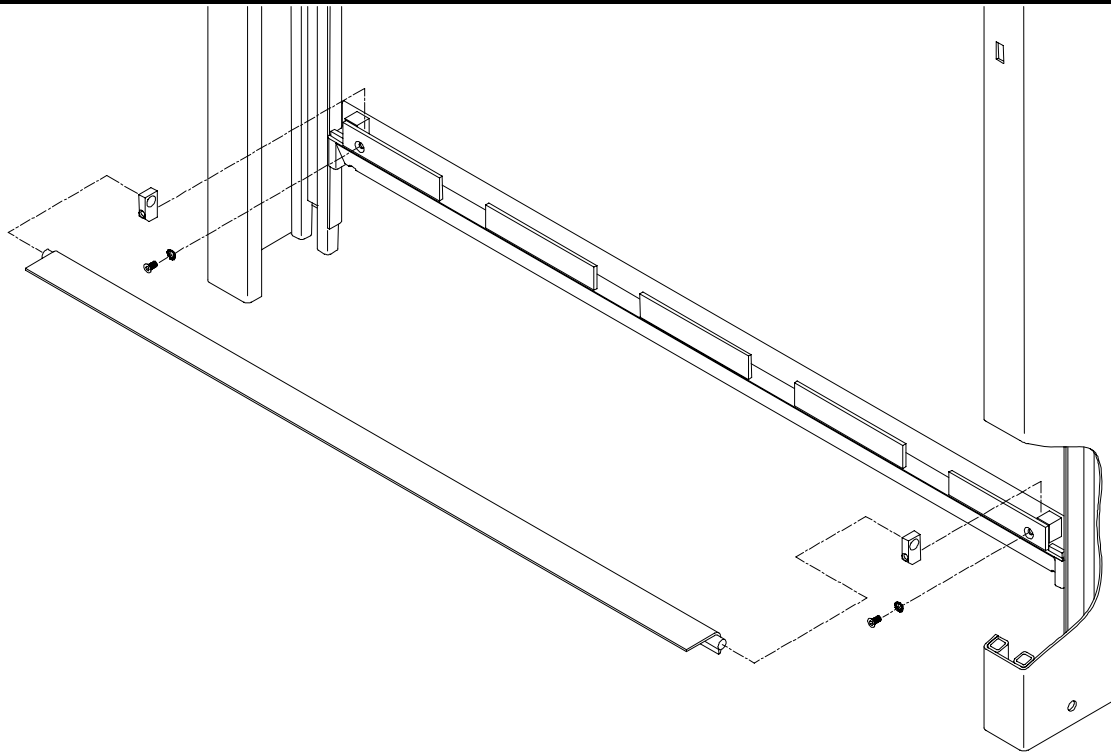
Standard (96" and 102")	Bottom Stops (96" and 102")	Store Below (96" and 102")
PM-294 Built thru 10/98 PM-475 Built from 10/98 thru 1/02 PM-475A Built from 1/02 thru 7/03 PM-475B Built from 7/03	Contact Waltco for liftgates built prior to 9/94 PM-385 Built from 9/94 thru 10/98 PM-476 Built from 10/98 thru 1/02 PM-475A Built from 1/02 thru 7/03 PM-475B Built from 7/03	PM-386 Built thru 10/98 PM-477 Built from 10/98 thru 1/02 PM-477A Built from 1/02

- ♦ Closure hub kit must be purchased when ordering hubs or closure cylinder on gates built before 4/1/95. Part # 80000654. Refer to [Tech Tip TT970015](#) for more information.

80101084 Rev. 05 8/10

[Click here for list of liftgate serial numbers, organized by approximate ship dates.](#)

WDL & WDL RM THRESHOLD EXTENSION (Built thru 10-05)



Standard (96" and 102")

Contact Engineering for Liftgates built prior to 6/95

PM-363

Built from 6/95 thru 1/02

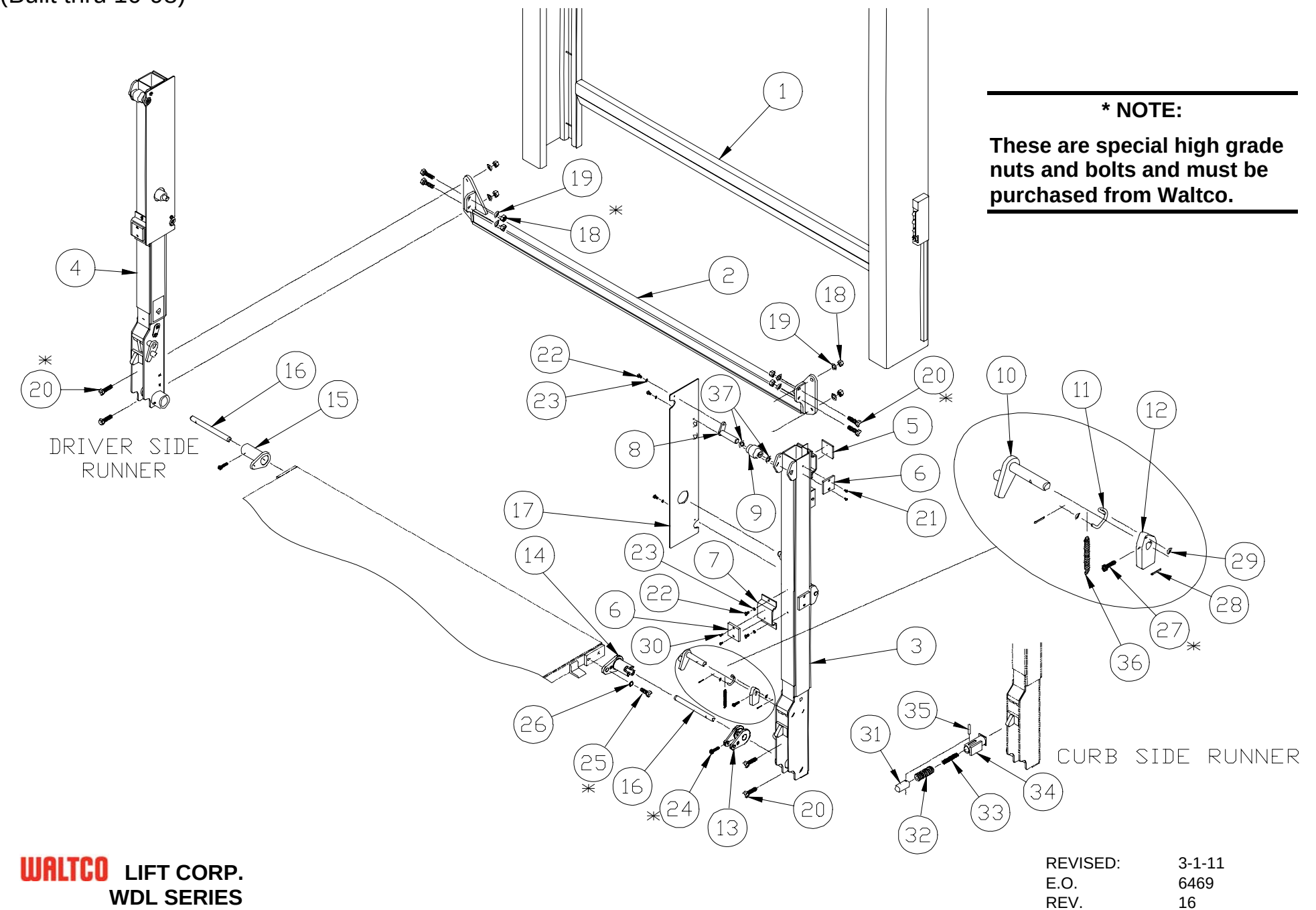
PM-363A

Built from 1/02

[Click here for list of liftgate serial numbers, organized by approximate ship dates.](#)

80101084 Rev. 05 8/10

MAIN FRAME AND RUNNER ASSEMBLY
(Built thru 10-98)



WALTCO LIFT CORP.
WDL SERIES

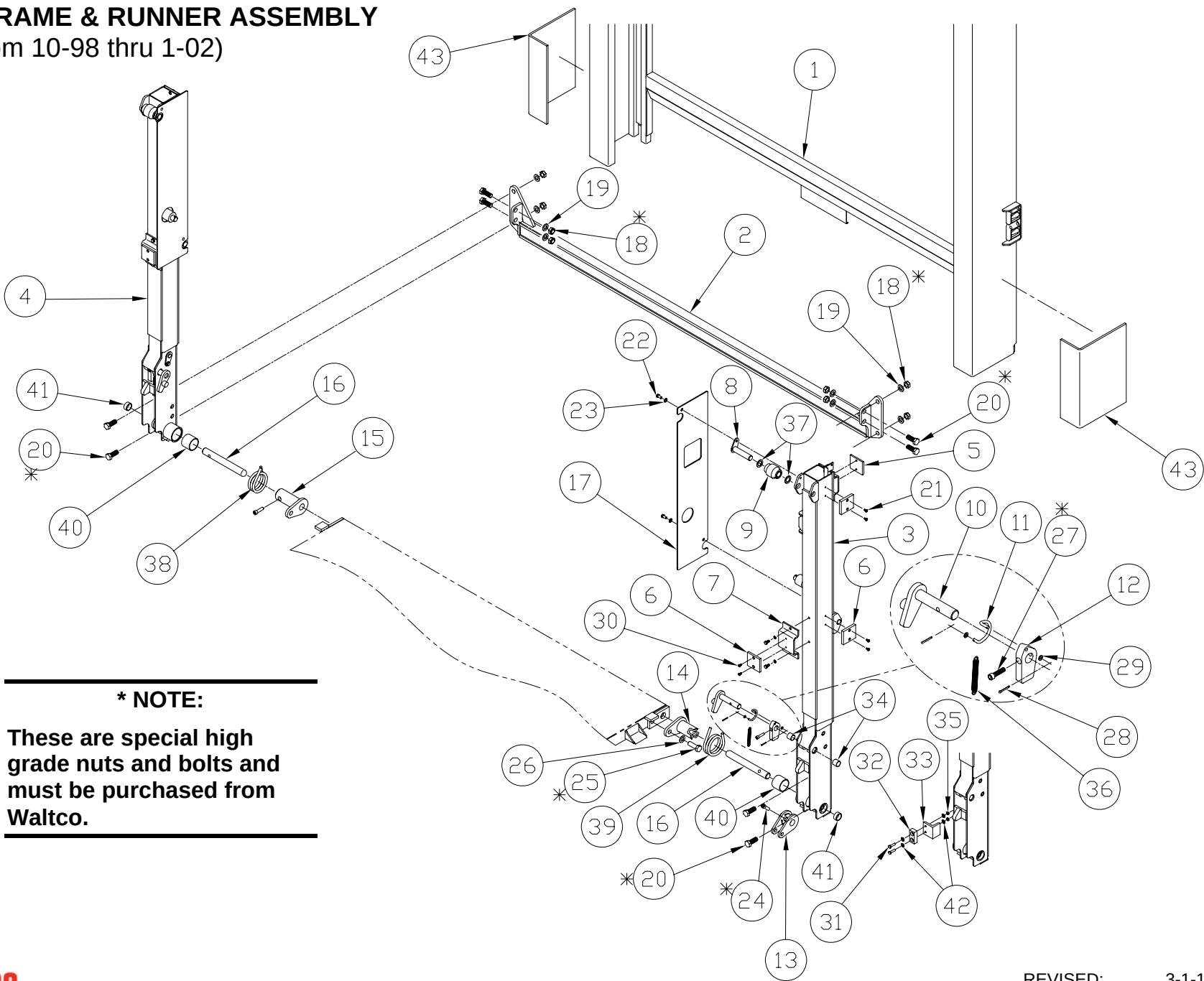
PM-294

ITEM	PART NUMBER	QTY	DESCRIPTION
1	85803200	1	102" Main Frame Assembly
	85803217	1	96" Main Frame Assembly
	85803844	1	102" Main Frame Assy w/Threshold Ext.
	85803843	1	96" Main Frame Assy w/Threshold Ext.
2	32365001	1	102" Equalizer Beam
	31365001	1	96" Equalizer Beam
	32465001	1	102" Equalizer Beam for Threshold Ext.
	31465001	1	96" Equalizer Beam for Threshold Ext.
3	85803779	1	Curb Side Runner Assy (2 Pc. Break Even Platform)
	85803794	1	Curb Side Runner Assy (1 Pc. Platform Only)
4	85803780	1	Driver Side Runner Assembly (2 Pc. Break Even Platform)
	85803796	1	Driver Side Runner Assy (1 Pc. Platform Only)
5	85803328	2	Upper Runner Wear Pad
6	85803340	6	Side Runner Wear Pad
7	85803339	4	Wear Pad Mounting Channel
8	40439000 ^B	4	Roller Pin Assembly
9	40439500 ^B	4	Roller Assembly
10	85803245	1	Curb Side Transit Latch Assembly (2 Pc. Platform)
	85803244	1	Driver Side Transit Latch Assembly (2 Pc. Platform)
	85803250	1	Curb Side Transit Latch Assembly (1 Pc. Platform)
	85803251	1	Driver Side Transit Latch Assembly (1 Pc. Platform)
11	85803238	1	Curb Side Transit Latch Link
	85803233	1	Driver Side Transit Latch Link
12	85803235	2	Transit Latch Arm
13	31451001	1	Curb Side Outer Hub Assembly
14	31451101	1	Curb Side Inner Closer Hub Assembly
15	31451301	1	Driver Side Hub Assembly
16	85803129 ^A	2	Deck Pivot Pin Assembly w/ Grease Fitting

ITEM	PART NUMBER	QTY	DESCRIPTION
17	85803442	1	Curb Side Roller Guard Plate 2 Pc. Platform
	85803453	1	Driver Side Roller Guard Plate 2 Pc. Platform
	85803480	1	Curb Side Roller Guard Plate 1 Pc. Platform
	85803481	1	Driver Side Roller Guard Plate 1 Pc. Platform
*18	75085198	8	3/4"-16 Locknut (Grade 5)
19	75088058	8	3/4" Plain Washer
*20	75086193	8	3/4"-16 X 2" Hex Head Bolt (Grade 5)
21	85803726	8	1/4"-20 X 3/8" Round Head Screw
22	75086055 ^B	13	3/8"-16 X 3/4" Hex Head Screw
23	75088081 ^B	13	3/8" Lock Washer
*24	85803465 ^A	2	1/2"-13 X 1-3/4" Socket Head Screw (Grade 8)
*25	75086232	2	3/4"-10 X 1-1/4" Hex Head Bolt (Grade 8)
26	75088087	2	3/4" Lock Washer
*27	85803237	2	3/8"-16 X 1-1/2" Socket Head Cap Screw (Grade 5)
28	75084053	4	3/32" X 1" Cotter Pin
29	75088051	4	1/4" Plain Washer
30	75086854	8	1/4"-20 X 5/8" Self Tapping Rd. Head Screw
31	85803521	1	Pusher Pin
32	85803522	1	Outer Pusher Spring
33	85803539	1	Inner Pusher Spring (1 Pc. Platforms Only)
34	85803520	1	Pusher Pin Housing
35	75089544	1	3/8" X 2-1/4" Coiled Pin
36	37438902	2	Extension Spring
37	75088264 ^B	8	Washer Bronze

^A Included in Deck Pin Replacement Kit 80000913
^B Included in Single Roller Kit 80000896 and Four Roller Kit (Complete
liftgate) 80000897

MAIN FRAME & RUNNER ASSEMBLY
(Built from 10-98 thru 1-02)



*** NOTE:**
These are special high grade nuts and bolts and must be purchased from Waltco.

WALTCO LIFT CORP.
WDL RM SERIES

REVISED: 3-1-11
E.O. 6469
REV. 12

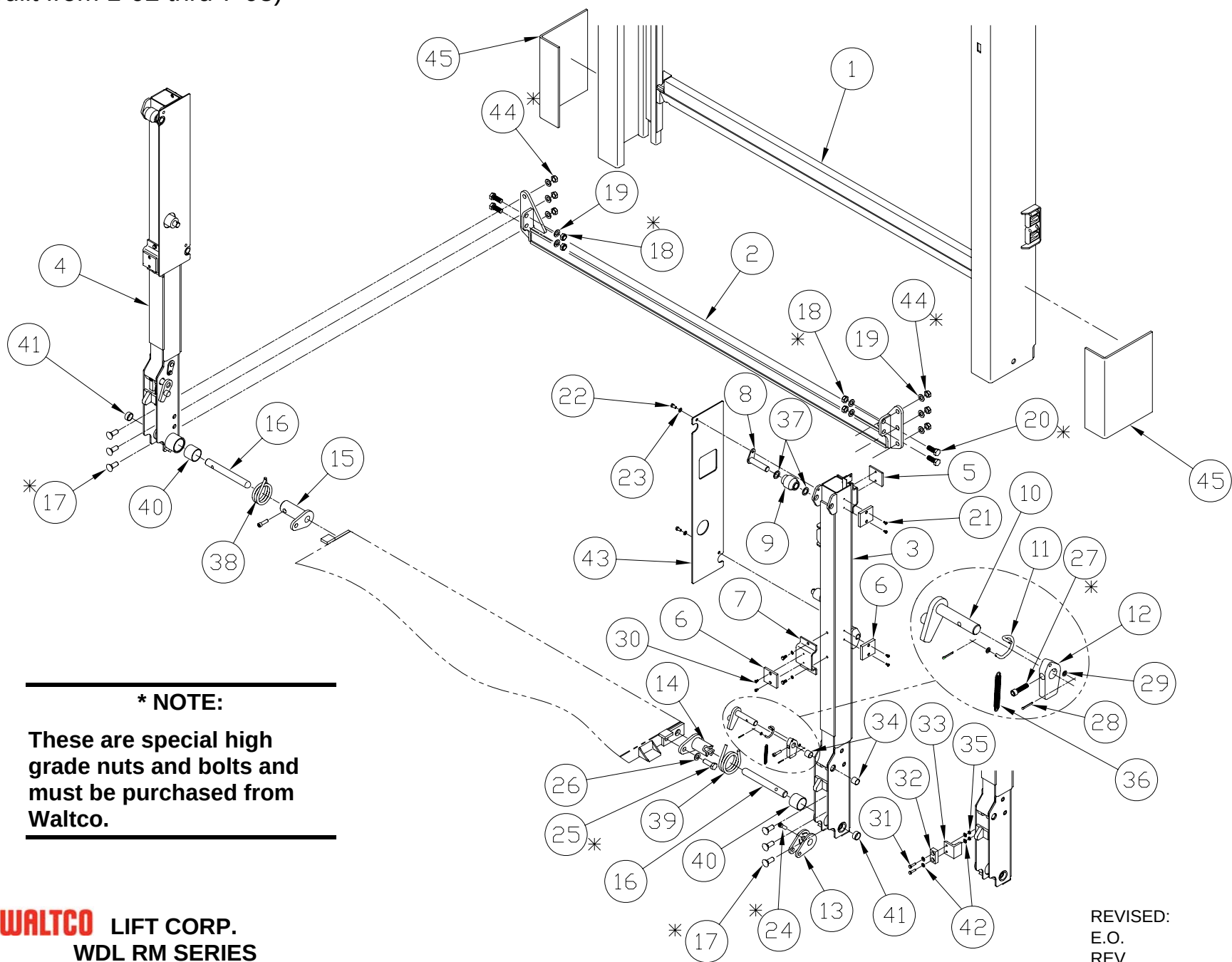
PM-475

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31320001	1	96" Main Frame Assembly
	32320001	1	102" Main Frame Assembly
	31420001	1	96" Main Frame Assy w/ Threshold Ext.
	32420001	1	102" Main Frame Assy w/ Threshold Ext.
2	32365001	1	102" Equalizer Beam
	31365001	1	96" Equalizer Beam
	32465001	1	102" Equalizer Beam for Threshold Ext.
	31465001	1	96" Equalizer Beam for Threshold Ext.
3	31430001	1	Curb Side Runner Assy (2 Pc. Break Even Platform)
	31330001	1	Curb Side Runner Assy (1 Pc. Platform Only)
4	31430051	1	Driver Side Runner Assembly (2 Pc. Break Even Platform)
	31330051	1	Driver Side Runner Assy (1 Pc. Platform Only)
5	85803328	2	Upper Runner Wear Pad
6	85803340	6	Side Runner Wear Pad
7	85803339	4	Wear Pad Mounting Channel
8	40439000 ^D	4	Roller Pin Assembly
9	40439500 ^D	4	Roller Assembly
10	31433501	1	Curb Side Transit Latch Assembly (2 Pc. Platform)
	31433551	1	Driver Side Transit Latch Assembly (2 Pc. Platform)
	31333501	1	Curb Side Transit Latch Assembly (1 Pc. Platform)
	31333551	1	Driver Side Transit Latch Assembly (1 Pc. Platform)
11	85803238	1	Curb Side Transit Latch Link
	85803233	1	Driver Side Transit Latch Link
12	85803235	2	Transit Latch Arm
13	31451001 ^C	1	Curb Side Outer Hub Assembly
14	31451102 ^C	1	Curb Side Inner Closer Hub Assembly
15	31451301 ^C	1	Driver Side Hub Assembly
16	31411201 ^{AC}	2	Deck Pivot Pin

^A Included in deck Pin Replacement Kit 80000914.
^B Included in Bearing Replacement Kit 80000945.
^C Included in Hub replacement Kit 80000955.
^D Included in Single Roller Kit 80000896 and Four Roller Kit (Complete liftgate) 80000897
^E Included in Rail Stiffener Kit 80000841

ITEM	PART NUMBER	QTY	DESCRIPTION
17	31437501	1	Curb Side Roller Guard Plate 2 Pc. Platform
	85803453	1	Driver Side Roller Guard Plate 2 Pc. Platform
	31337501	1	Curb Side Roller Guard Plate 1 Pc. Platform
	85803481	1	Driver Side Roller Guard Plate 1 Pc. Platform
*18	75085198	8	3/4"-16 Locknut (Grade 5)
19	75088058	8	Flat Washer- 3/4" I.D. x 2" O.D.
*20	75086193	8	3/4"-16 x 2" Hex Head Bolt (Grade 5)
21	75086862	8	1/4"-20 x 1/2" Self Tapping Screw
22	75086055 ^{BD}	12	3/8"-16 x 3/4" Hex Head Screw
23	75088081 ^{BD}	12	3/8" Lock Washer
*24	85803465 ^{ABC}	2	1/2"-13 x 1-3/4" Socket Head Screw (Grade 8)
*25	75086232	2	3/4"-10 x 1-1/4" Hex Head Bolt (Grade 8)
26	75088087 ^C	2	3/4" Lock Washer
*27	85803237 ^B	2	3/8"-16 x 1-1/2" Socket Head Cap Screw (Grade 5)
28	75084053 ^B	4	3/32" x 1" Cotter Pin
29	75088051 ^B	2	Flat Washer- 1/4" I.D. x 5/8" O.D.
30	75086854	8	1/4"-20 x 5/8" Self Tapping Rd. Head Screw
31	75086007	2	1/4"-20 x 1-1/4" Hex Bolt (Grade 2)
32	31436801	1	Rubber Pad Deck Stop
33	31434601	1	Angle Deck Stop
34	10010167 ^B	4	1-1/8" O.D. x 1" I.D. x 1" lg. Bearing
35	75085161	2	1/4"-20 Nylon Locknut
36	37438902	2	Extension Spring
37	75088264 ^D	8	Washer Bronze
38	31437151	1	Torsion Spring Platform Opening Street Side
39	31437101	1	Torsion Spring Platform Opening Curb Side
40	10010165 ^{ABC}	2	2-1/2" O.D. x 2-1/4" I.D. x 2" Lg. Bearing
41	10010166 ^{ABC}	2	1-1/2" O.D. x 1-1/4" I.D. x 5/8" Lg. Bearing
42	75088060	4	Flat Washer- 1/4" I.D. x 3/4" O.D.
43	31696000 ^E	2	Rail Stiffener (Optional)

MAIN FRAME & RUNNER ASSEMBLY
(Built from 1-02 thru 7-03)



WALTCO LIFT CORP.
WDL RM SERIES

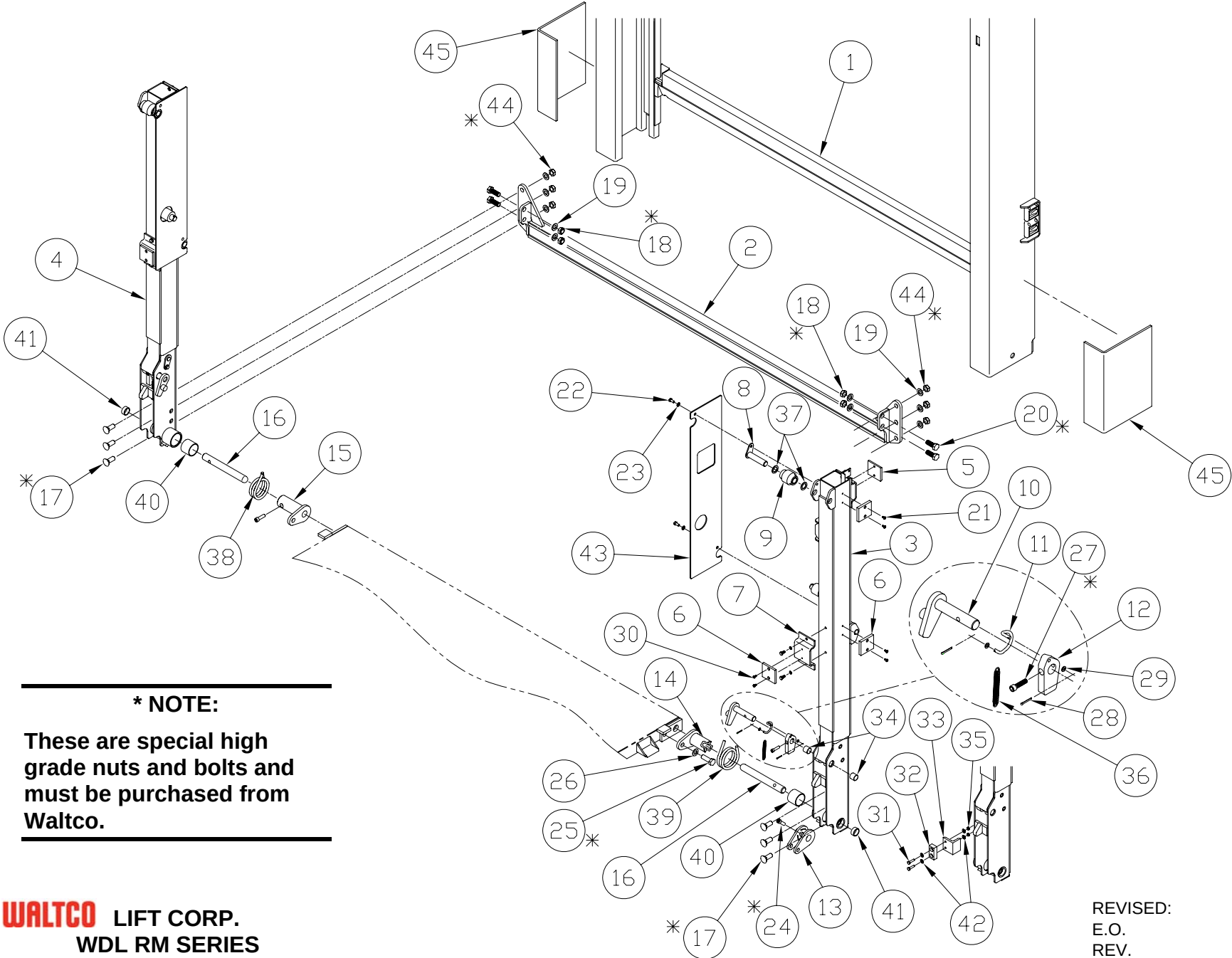
REVISED: 3-1-11
E.O. 6469
REV. 05
PM-475A

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31320001	1	96" Main Frame Assembly
	32320001	1	102" Main Frame Assembly
	31420001	1	96" Main Frame Assy w/ Threshold Ext.
	32420001	1	102" Main Frame Assy w/ Threshold Ext.
2	31365001	1	96" Equalizer Beam
	32365001	1	102" Equalizer Beam
	31465001	1	96" Equalizer Beam for Threshold Ext.
	32465001	1	102" Equalizer Beam for Threshold Ext.
3	31430001	1	Curb Side Runner Assy (2 Pc. Break Even Platform)
	31330001	1	Curb Side Runner Assy (1 Pc. Platform Only)
4	31430051	1	Driver Side Runner Assembly (2 Pc. Break Even Platform)
	31330051	1	Driver Side Runner Assy (1 Pc. Platform Only)
5	85803328	2	Upper Runner Wear Pad
6	85803340	6	Side Runner Wear Pad
7	85803339	4	Wear Pad Mounting Channel
8	40439000 ^D	4	Roller Pin Assembly
9	40439500 ^D	4	Roller Assembly
10	31433501	1	Curb Side Transit Latch Assembly (2 Pc. Platform)
	31433551	1	Driver Side Transit Latch Assembly (2 Pc. Platform)
	31333501	1	Curb Side Transit Latch Assembly (1 Pc. Platform)
	31333551	1	Driver Side Transit Latch Assembly (1 Pc. Platform)
11	85803238	1	Curb Side Transit Latch Link
	85803233	1	Driver Side Transit Latch Link
12	85803235	2	Transit Latch Arm
13	31451001 ^C	1	Curb Side Outer Hub Assembly
14	31451102 ^C	1	Curb Side Inner Closer Hub Assembly
15	31451301 ^C	1	Driver Side Hub Assembly
16	31411201 ^{AC}	2	Deck Pivot Pin
*17	75087500	6	3/4"-10 x 2" Ig. Carriage Bolt, Grade 5
*18	75085198	4	3/4"-16 Locknut (Grade 5)
19	75088058	10	Flat Washer- 3/4" I.D. x 2" O.D.
*20	75086193	4	3/4"-16 x 2" Hex Head Bolt (Grade 5)
21	75086862	8	1/4"-20 x 1/2" Self Tapping Screw
22	75086055 ^{BD}	12	3/8"-16 x 3/4" Hex Head Screw
23	75088081 ^{BD}	12	3/8" Lock Washer

ITEM	PART NUMBER	QTY	DESCRIPTION
*24	85803465 ^{ABC}	2	1/2"-13 x 1-3/4" Socket Head Screw (Grade 8)
*25	75086232	2	3/4"-10 x 1-1/4" Hex Head Bolt (Grade 8)
26	75088087 ^C	2	3/4" Lock Washer
*27	85803237 ^B	2	3/8"-16 x 1-1/2" Socket Head Cap Screw (Grade 5)
28	75084053 ^B	4	3/32" x 1" Cotter Pin
29	75088051 ^B	2	Flat Washer- 1/4" I.D. x 5/8" O.D.
30	75086854	8	1/4"-20 x 5/8" Self Tapping Rd. Head Screw
31	75086007	2	1/4"-20 x 1-1/4" Hex Bolt (Grade 2)
32	31436801	1	Rubber Pad Deck Stop
33	31434601	1	Angle Deck Stop
34	10010167 ^B	4	1-1/8" O.D. x 1" I.D. x 1" Ig. Bearing
35	75085161	2	1/4"-20 Nylon Locknut
36	37438902	2	Extension Spring
37	75088264 ^D	8	Washer Bronze
38	31437151	1	Torsion Spring Platform Opening Street Side
39	31437101	1	Torsion Spring Platform Opening Curb Side
40	10010165 ^{ABC}	2	2-1/2" O.D. x 2-1/4" I.D. x 2" Lg. Bearing
41	10010166 ^{ABC}	2	1-1/2" O.D. x 1-1/4" I.D. x 5/8" Lg. Bearing
42	75088060	4	Flat Washer- 1/4" I.D. x 3/4" O.D.
43	31437501	1	Curb Side Roller Guard Plate 2 Pc. Platform
	85803453	1	Driver Side Roller Guard Plate 2 Pc. Platform
	31337501	1	Curb Side Roller Guard Plate 1 Pc. Platform
	85803481	1	Driver Side Roller Guard Plate 1 Pc. Platform
*44	75085199	6	3/4"-10 Locknut (Grade 5)
45	31696000 ^E	2	Rail Stiffener (Optional)

^A Included in deck Pin Replacement Kit 80000914.
^B Included in Bearing Replacement Kit 80000945.
^C Included in Hub replacement Kit 80000955.
^D Included in Single Roller Kit 80000896 and Four Roller Kit (Complete liftgate) 80000897
^E Included in Rail Stiffener Kit (80000841)

MAIN FRAME & RUNNER ASSEMBLY
(Built from 7-03 thru 10-05)



* NOTE:

These are special high grade nuts and bolts and must be purchased from Waltco.

WALTCO LIFT CORP.
WDL RM SERIES

REVISED: 3-1-11
E.O. 6469
REV. 07

PM-475B

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31320002	1	96" Main Frame Assembly
	32320002	1	102" Main Frame Assembly
	31420002	1	96" Main Frame Assy w/ Threshold Ext.
	32420002	1	102" Main Frame Assy w/ Threshold Ext.
2	31365001	1	96" Equalizer Beam
	32365001	1	102" Equalizer Beam
	31465001	1	96" Equalizer Beam for Threshold Ext.
	32465001	1	102" Equalizer Beam for Threshold Ext.
3	31430001	1	Curb Side Runner Assy (2 Pc. Break Even Platform)
	31330101	1	Curb Side Runner Assy (1 Pc. Platform Only)
4	31430051	1	Driver Side Runner Assembly (2 Pc. Break Even Platform)
	31330151	1	Driver Side Runner Assy (1 Pc. Platform Only)
5	85803328	2	Upper Runner Wear Pad
6	85803340	6	Side Runner Wear Pad
7	85803339	4	Wear Pad Mounting Channel
8	40439000 ^D	4	Roller Pin Assembly
9	40439500 ^D	4	Roller Assembly (includes Bearings)
10	31433501	1	Curb Side Transit Latch Assembly (2 Pc. Platform)
	31433551	1	Driver Side Transit Latch Assembly (2 Pc. Platform)
	31333501	1	Curb Side Transit Latch Assembly (1 Pc. Platform)
	31333551	1	Driver Side Transit Latch Assembly (1 Pc. Platform)
11	85803238	1	Curb Side Transit Latch Link
	85803233	1	Driver Side Transit Latch Link
12	85803235	2	Transit Latch Arm
13	31451001 ^C	1	Curb Side Outer Hub Assembly
14	31451102 ^C	1	Curb Side Inner Closer Hub Assembly
15	31451301 ^C	1	Driver Side Hub Assembly
	31411201 ^{AC}	2	Deck Pivot Pin
*17	75087500	6	3/4"-10 x 2" Ig. Carriage Bolt, Grade 5
*18	75085198	4	3/4"-16 Locknut (Grade 5)
19	75088058	10	Flat Washer- 3/4" I.D. x 2" O.D.
*20	75086193	4	3/4"-16 x 2" Hex Head Bolt (Grade 5)
21	75086862	8	1/4"-20 x 3/8" Self Tapping Screw
22	75086055 ^{BD}	12	3/8"-16 x 3/4" Hex Head Screw
23	75088081 ^{BD}	12	3/8" Lock Washer

ITEM	PART NUMBER	QTY	DESCRIPTION
*24	85803465 ^{ABC}	2	1/2"-13 x 1-3/4" Socket Head Screw (Grade 8)
*25	75086232	2	3/4"-10 x 1-1/4" Hex Head Bolt (Grade 8)
26	75088087 ^C	2	3/4" Lock Washer
*27	85803237 ^B	2	3/8"-16 x 1-1/2" Socket Head Cap Screw (Grade 5)
28	75084053 ^B	4	3/32" x 1" Cotter Pin
29	75088051 ^B	2	Flat Washer- 1/4" I.D. x 5/8" O.D.
30	75086854	8	1/4"-20 x 5/8" Self Tapping Rd. Head Screw
31	75086007	2	1/4"-20 x 1-1/4" Hex Bolt (Grade 2)
32	31436801	1	Rubber Pad Deck Stop
33	31434601	1	Angle Deck Stop
34	10010167 ^B	4	1-1/8" O.D. x 1" I.D. x 1" Ig. Bearing
35	75085161	2	1/4"-20 Nylon Locknut
36	37438902	2	Extension Spring
37	75088264 ^D	8	Washer Bronze
38	31437151	1	Torsion Spring Platform Opening Street Side
39	31437101	1	Torsion Spring Platform Opening Curb Side
40	10010165 ^{ABC}	2	2-1/2" O.D. x 2-1/4" I.D. x 2" Lg. Bearing
41	10010166 ^{ABC}	2	1-1/2" O.D. x 1-1/4" I.D. x 5/8" Lg. Bearing
42	75088060	4	Flat Washer- 1/4" I.D. x 3/4" O.D.
43	31437501	1	Curb Side Roller Guard Plate 2 Pc. Platform
	85803453	1	Driver Side Roller Guard Plate 2 Pc. Platform
	31337501	1	Curb Side Roller Guard Plate 1 Pc. Platform
	85803481	1	Driver Side Roller Guard Plate 1 Pc. Platform
*44	75085199	6	3/4"-10 Locknut (Grade 5)
45	31696000 ^E	2	Rail Stiffener (Optional)

^A Included in deck Pin Replacement Kit 80000914.

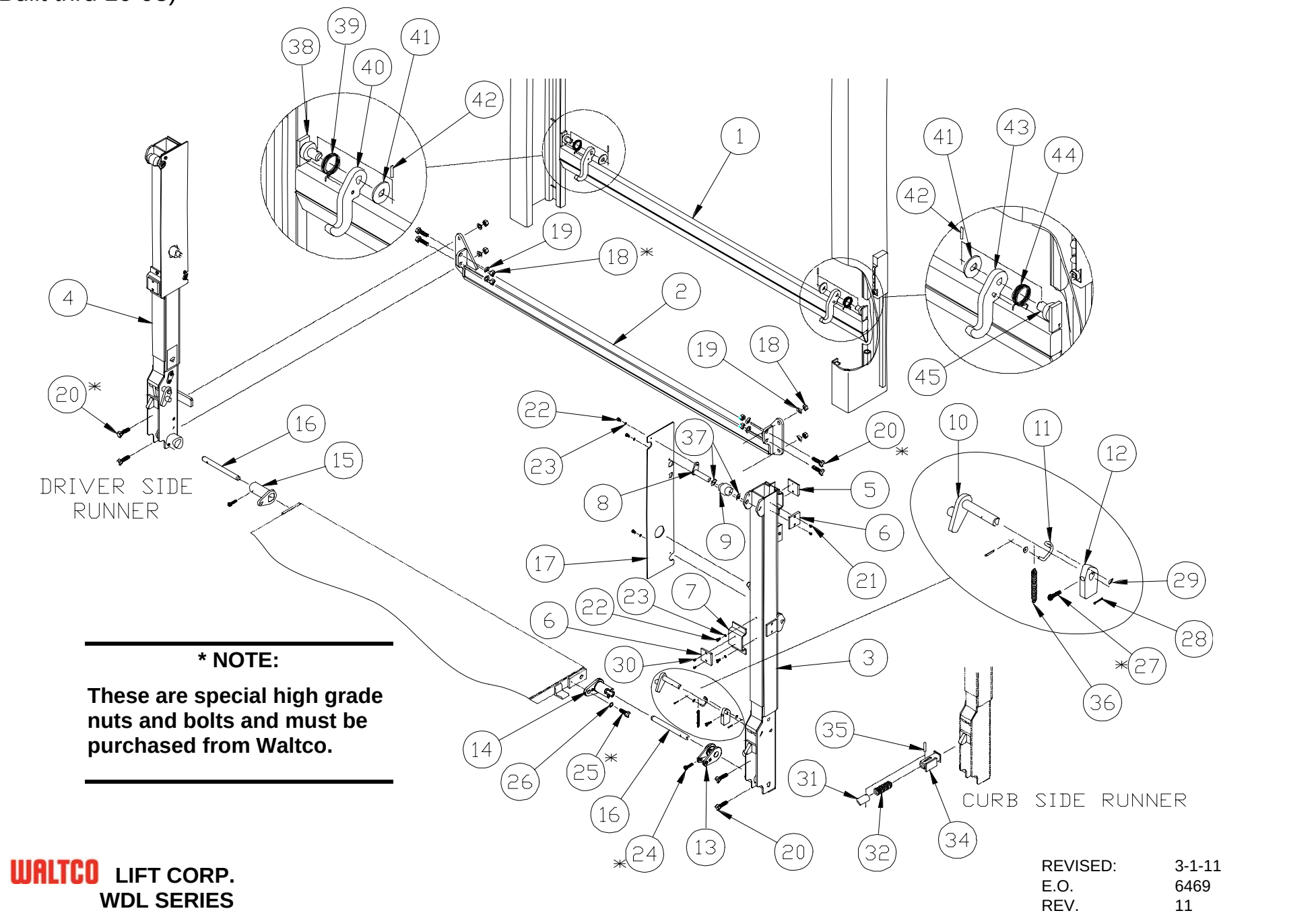
^B Included in Bearing Replacement Kit 80000945.

^C Included in Hub replacement Kit 80000955.

^D Included in Single Roller Kit 80000896 and Four Roller Kit (Complete liftgate) 80000897

^E Included in Rail Stiffener Kit 80000841

MAIN FRAME & RUNNER ASSEMBLY w/ BOTTOM STOPS
(Built thru 10-98)



WALTCO LIFT CORP.
WDL SERIES

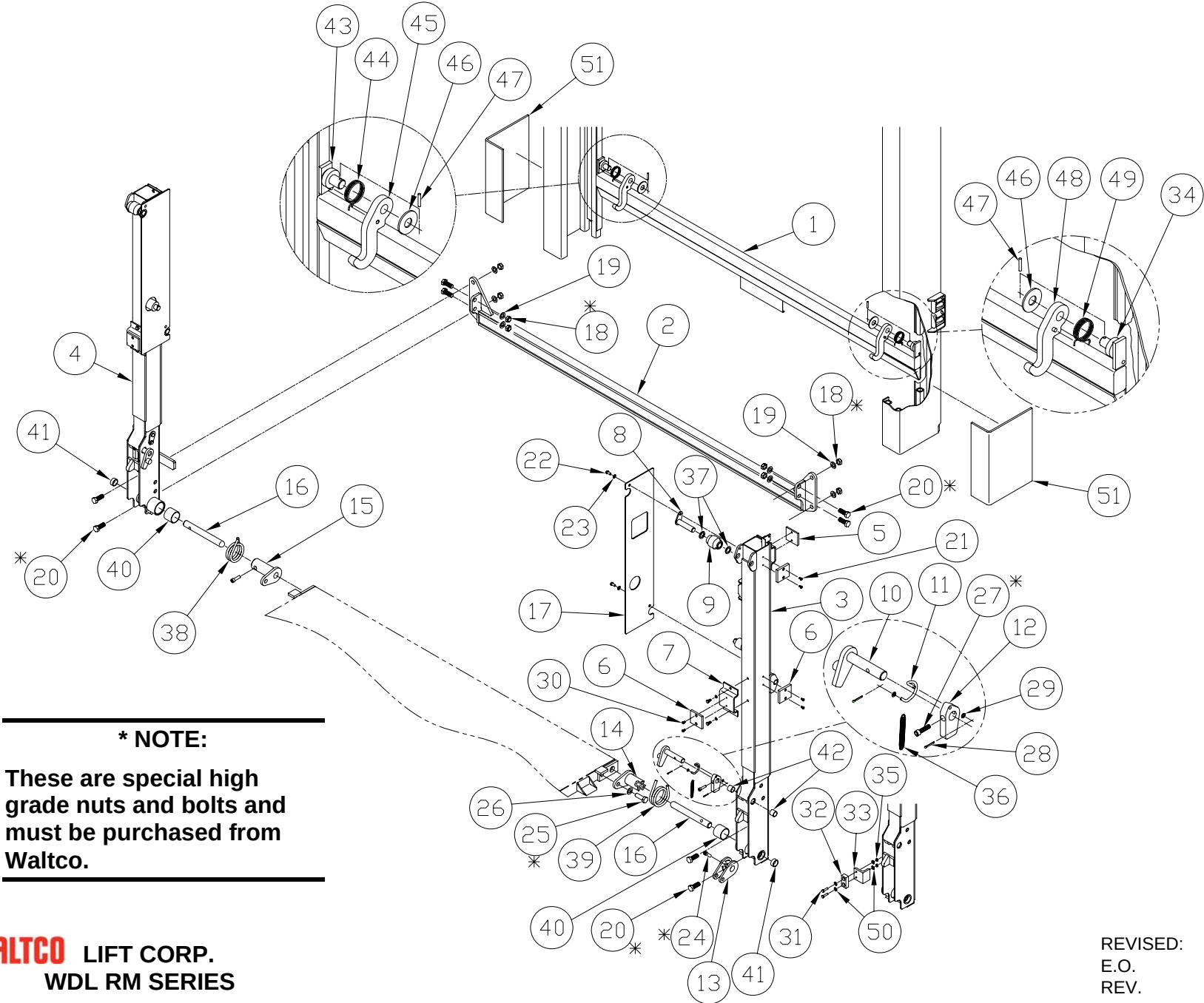
PM-385

ITEM	PART NUMBER	QTY	DESCRIPTION
1	85803258	1	102" Main Frame Assembly w/Bottom Stops
	85803257	1	96" Main Frame Assembly w/Bottom Stops
	85803850	1	102" Main Frame Assy w/Threshold Ext. & Bottom Stops
	85803849	1	96" Main Frame Assy w/Threshold Ext. & Bottom Stops
2	32365001	1	102" Equalizer Beam
	31365001	1	96" Equalizer Beam
	32465001	1	102" Equalizer Beam for Threshold Ext.
	31465001	1	96" Equalizer Beam for Threshold Ext.
3	85803367	1	Curb Side Runner Assy w/Bottom Stops (2 Pc. Break Even Platform)
4	85803368	1	Street Side Runner Assembly w/Bottom Stops (2 Pc. Break Even Platform)
5	85803328	2	Upper Runner Wear Pad
6	85803340	6	Side Runner Wear Pad
7	85803339	4	Wear Pad Mounting Channel
8	40439000 ^B	4	Roller Pin Assembly
9	40439500 ^B	4	Roller Assembly
10	85803245	1	Curb Side Transit Latch Assembly (2 Pc. Platform)
	85803244	1	Street Side Transit Latch Assembly (2 Pc. Platform)
11	85803238	1	Curb Side Transit Latch Link
	85803233	1	Street Side Transit Latch Link
12	85803235	2	Transit Latch Arm
13	31451001	1	Curb Side Outer Hub Assembly
14	31451101	1	Curb Side Inner Closer Hub Assembly
15	31451301	1	Street Side Hub Assembly
16	85803129 ^A	2	Deck Pivot Pin Assembly w/ Grease Fitting
17	85803442	1	Curb Side Roller Guard Plate 2 Pc. Deck
	85803453	1	Street Side Roller Guard Plate 2 Pc. Deck
*18	75085198	8	3/4"-16 Locknut (Grade 5)
19	75088058	8	3/4" Plain Washer
*20	75086193	8	3/4"-16 X 2" Hex Head Bolt (Grade 5)
21	85803726	8	1/4"-20 X 3/8" Round Head Screw
22	75086055 ^B	13	3/8"-16 X 3/4" Hex Head Screw

ITEM	PART NUMBER	QTY	DESCRIPTION
23	75088081 ^B	13	3/8" Lock Washer
*24	85803465 ^A	2	1/2"-13 X 1-3/4" Socket Head Screw (Grade 8)
*25	75086232	2	3/4"-10 X 1-1/4" Hex Head Bolt (Grade 8)
26	75088087	2	3/4" Lock Washer
*27	85803237	2	3/8"-16 X 1-1/2" Socket Head Cap Screw (Grade 5)
28	75084053	4	3/32" X 1" Cotter Pin
29	75088051	4	1/4" Plain Washer
30	75086854	8	1/4"-20 X 5/8" Self Tapping Rd. Head Screw
31	85803521	1	Pusher Pin
32	85803522	1	Outer Pusher Spring
34	85803520	1	Pusher Pin Housing
35	75089544	1	3/8" X 2-1/4" Coiled Pin
36	37438902	2	Extension Spring
37	75088264 ^B	8	Washer Bronze
38	85803531	1	Street Side Bottom Stop Hook Mount Assembly
39	75089758	1	Street Side Bottom Stop Spring
40	85803526	1	Street Side Bottom Stop Hook Assembly
41	75088061	2	1" S.A.E. Flat Washer
42	75089557	2	1/4" x 1-1/2" Coiled Pin
43	85803525	1	Curb Side Bottom Stop Hook Assembly
44	75089757	1	Curb Side Bottom Stop Spring
45	85803530	1	Curb Side Bottom Stop Hook Mount Assembly

^A Included in Deck Pin Replacement Kit 80000913.
^B Included in Single Roller Kit 80000896 and Four Roller Kit (Complete liftgate) 80000897

MAIN FRAME & RUNNER ASSEMBLY w/ BOTTOM STOPS
(Built from 10-98 thru 1-02)



* NOTE:

These are special high grade nuts and bolts and must be purchased from Waltco.

WALTCO LIFT CORP.
WDL RM SERIES

REVISED: 3-1-11
E.O. 6469
REV. 13

PM-476

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31520001	1	96" Main Frame Assembly w/Bottom Stops
	32520001	1	102" Main Frame Assembly w/Bottom Stops
	31620001	1	96" Main Frame Assy w/ Threshold Ext. & Bottom Stops
	32620001	1	102" Main Frame Assy w/ Threshold Ext. & Bottom Stops
2	32365001	1	102" Equalizer Beam
	31365001	1	96" Equalizer Beam
	32465001	1	102" Equalizer Beam for Threshold Ext.
	31465001	1	96" Equalizer Beam for Threshold Ext.
3	31530001	1	Curb Side Runner Assy w/Bottom Stops (2 Pc. Break Even Platform)
4	31530051	1	Street Side Runner Assembly w/Bottom Stops (2 Pc. Break Even Platform)
5	85803328	2	Upper Runner Wear Pad
6	85803340	6	Side Runner Wear Pad
7	85803339	4	Wear Pad Mounting Channel
8	40439000 ^D	4	Roller Pin Assembly
9	40439500 ^D	4	Roller Assembly
10	31433501	1	Curb Side Transit Latch Assembly(2 Pc. Platform)
	31433551	1	Street Side Transit Latch Assembly (2 Pc. Platform)
11	85803238	1	Curb Side Transit Latch Link
	85803233	1	Street Side Transit Latch Link
12	85803235	2	Transit Latch Arm
13	31451001 ^C	1	Curb Side Outer Hub Assembly
14	31451102 ^C	1	Curb Side Inner Closer Hub Assembly
15	31451301 ^C	1	Street Side Hub Assembly
16	31411201 ^{AC}	2	Deck Pivot Pin
17	31437501	1	Curb Side Roller Guard Plate 2 Pc. Platform
	85803453	1	Street Side Roller Guard Plate 2 Pc. Platform
*18	75085198	8	3/4"-16 Locknut (Grade 5)
19	75088058	8	Flat Washer- 3/4" I.D. x 2" O.D.
*20	75086193	8	3/4"-16 x 2" Hex Head Bolt (Grade 5)
21	75086862	8	1/4"-20 x 1/2" Self Tapping Screw
22	75086055 ^{BD}	12	3/8"-16 x 3/4" Hex Head Screw
23	75088081 ^{BD}	12	3/8" Lock Washer

ITEM	PART NUMBER	QTY	DESCRIPTION
*24	85803465 ^{ABC}	2	1/2"-13 x 1-3/4" Socket Head Screw (Grade 8)
*25	75086232	2	3/4"-10 x 1-1/4" Hex Head Bolt (Grade 8)
26	75088087 ^C	2	3/4" Lock Washer
*27	85803237 ^B	2	3/8"-16 x 1-1/2" Socket Head Cap Screw (Grade 5)
28	75084053 ^B	4	3/32" x 1" Cotter Pin
29	75088051 ^B	2	1/4" I.D. x 5/8" O.D. S.A.E. Flat Washer
30	75086854	8	1/4"-20 x 5/8" Self Tapping Rd. Head Screw
31	75086007	2	1/4"-20 x 1-1/4" Hex Bolt (Grade 2)
32	31436801	1	Rubber Pad Deck Stop
33	31434601	1	Angle Deck Stop
34	85803530	1	Curb Side Bottom Stop Hook Mount Assembly
35	75085161	2	1/4"-20 Nylon Locknut
36	37438902	2	Extension Spring
37	75088264 ^D	8	Washer Bronze
38	31437151	1	Torsion Spring Platform Opening Street Side
39	31437101	1	Torsion Spring Platform Opening Curb Side
40	10010165 ^{ABC}	2	2-1/2" O.D. x 2-1/4" I.D. x 2" Lg. Bearing
41	10010166 ^{ABC}	2	1-1/2" O.D. x 1-1/4" I.D. x 5/8" Lg. Bearing
42	10010167 ^B	4	1-1/8" O.D. x 1" I.D. x 1" Lg. Bearing
43	85803531	1	Street Side Bottom Stop Hook Mount Assembly
44	75089758	1	Street Side Bottom Stop Spring
45	85803526	1	Street Side Bottom Stop Hook Assembly
46	75088061	2	Flat Washer- 1" I.D. x 2" O.D.
47	75089557	2	1/4" x 1-1/2" Coiled Pin
48	85803525	1	Curb Side Bottom Stop Hook Assembly
49	75089757	1	Curb Side Bottom Stop Spring
50	75088060	4	Flat Washer- 1/4" I.D. x 3/4" O.D.
51	31696000 ^E	2	Rail Stiffener (Optional)

^A Included in Deck Pin Replacement Kit 80000914.

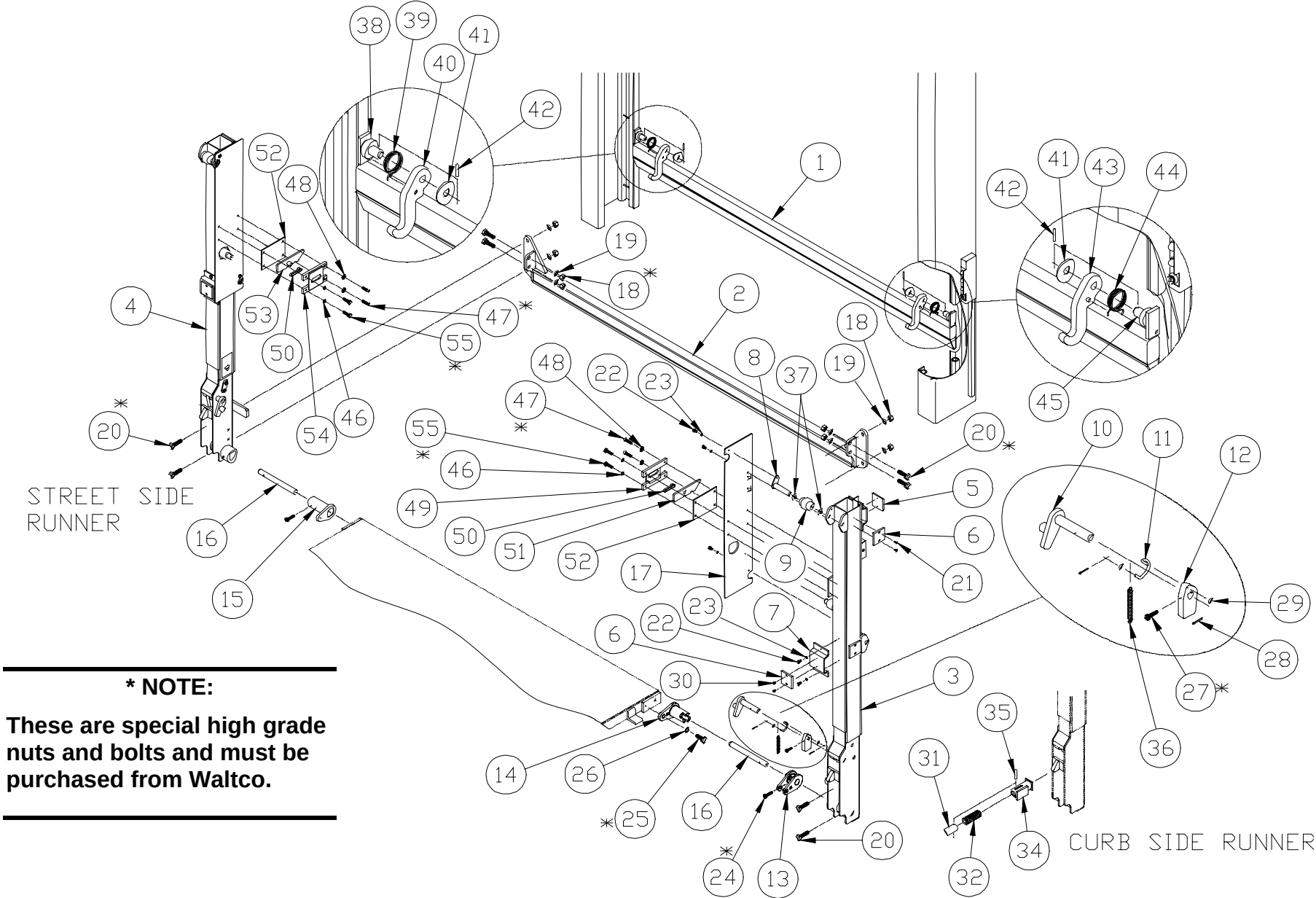
^B Included in Bearing Replacement Kit 80000945.

^C Included in Hub Replacement Kit 80000955.

^D Included in Single Roller Kit 80000896 and Four Roller Kit (Complete liftgate) 80000897

^E Included in Rail Stiffener Kit 80000841

MAIN FRAME AND RUNNER ASSEMBLY w/ STORE BELOW BED OPTION
(Built thru 10-98)



WALTCO LIFT CORP.
WDL SERIES

REVISED: 3-1-11
E.O. 6469
REV. 11

PM-386

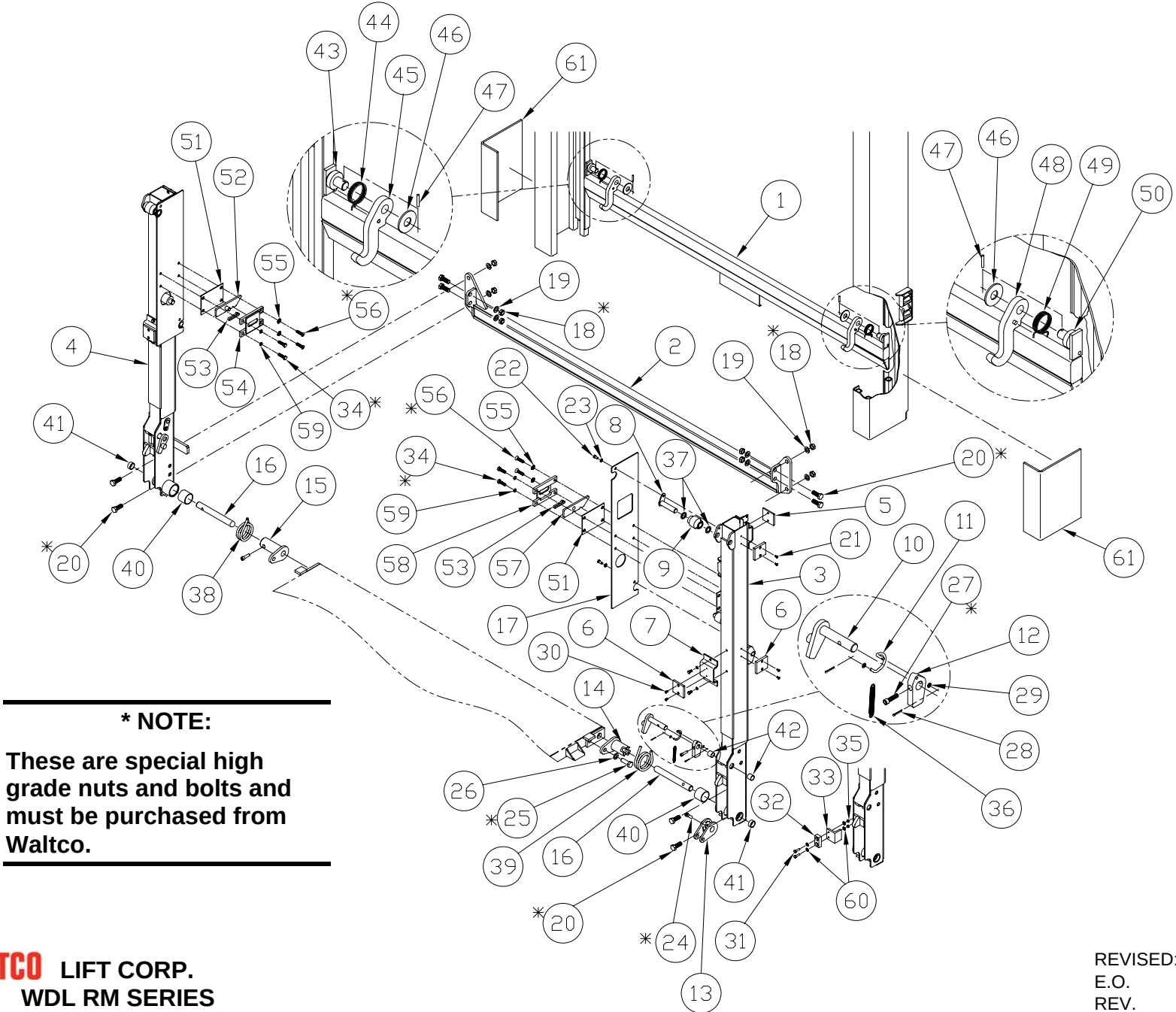
ITEM	PART NUMBER	QTY	DESCRIPTION
1	85803258	1	102" Main Frame Assy w/ Bottom Stops
	85803257	1	96" Main Frame Assy w/Bottom Stops
	85803850	1	102" Main Frame Assy w/Threshold Ext. & Bot. Stops
	85803849	1	96" Main Frame Assy w/Threshold Ext. & Bot. Stops
2	32365001	1	102" Equalizer Beam
	31365001	1	96" Equalizer Beam
	32465001	1	102" Equalizer Beam for Threshold Ext.
	31465001	1	96" Equalizer Beam for Threshold Ext.
3	85803781	1	Curb Side Runner Assy w/Bottom Stops & Store Below Option (60" B.E. Decks Only)
	85803314	1	C/S Runner Assy w/Bottom Stops & Store Below (60"+15" & 72" B.E. Decks Only)
4	85803782	1	Street Side Runner Assy w/Bottom Stops & Store Below (60" B.E. Decks Only)
	85803315	1	S/S Runner Assy w/Bottom Stops & Store Below (60"+15" & 72" B.E. Decks Only)
5	85803328	2	Upper Runner Wear Pad
6	85803340	6	Side Runner Wear Pad
7	85803339	4	Wear Pad Mounting Channel
8	40439000 ^B	4	Roller Pin Assembly
9	40439500 ^B	4	Roller Assembly
10	85803245	1	C/S Transit Latch Assy (2 Pc. Platform)
	85803244	1	S/S Transit Latch Assy (2 Pc. Platform)
11	85803238	1	Curb Side Transit Latch Link
	85803233	1	Street Side Transit Latch Link
12	85803235	2	Transit Latch Arm
13	31451001	1	Curb Side Outer Hub Assembly
14	31451101	1	Curb Side Inner Closer Hub Assembly
15	31451301	1	Street Side Hub Assembly
16	85803129 ^A	2	Deck Pivot Pin Assy w/ Grease Fitting
17	85803442	1	C/S Roller Guard Plate 2 Pc. Platform
	85803453	1	S/S Roller Guard Plate 2 Pc. Platform
*18	75085198	8	3/4"-16 Locknut (Grade 5)
19	75088058	8	3/4" Plain Washer
*20	75086193	8	3/4"-16 x 2" Hex Head Bolt (Grade 5)
21	85803726	8	1/4"-20 x 3/8" Round Head Screw
22	75086055 ^B	13	3/8"-16 x 3/4" Hex Head Screw
23	75088081 ^B	13	3/8" Lock Washer

ITEM	PART NUMBER	QTY	DESCRIPTION
*24	85803465 ^A	2	1/2"-13 x 1-3/4" Socket Hd Screw (Grade 8)
*25	75086232	2	3/4"-10 x 1-1/4" Hex Head Bolt (Grade 8)
26	75088087	2	3/4" Lock Washer
*27	85803237	2	3/8"-16 x 1-1/2" Socket Hd Screw (Grade 5)
28	75084053	4	3/32" x 1" Cotter Pin
29	75088051	4	1/4" Plain Washer
30	75086854	8	1/4"-20 x 5/8" Self Tapping Rd. Hd. Screw
31	85803521	1	Pusher Pin
32	85803522	1	Outer Pusher Spring
34	85803520	1	Pusher Pin Housing
35	75089544	1	3/8" X 2-1/4" Coiled Pin
36	37438902	2	Extension Spring
37	75088264 ^B	8	Washer Bronze
38	85803531	1	S/S Bottom Stop Hook Mount Assy
39	75089758	1	Street Side Bottom Stop Spring
40	85803526	1	Street Side Bottom Stop Hook Assembly
41	75088061	2	1" S.A.E. Flat Washer
42	75089557	2	1/4" x 1-1/2" Coiled Pin
43	85803525	1	Curb Side Bottom Stop Hook Assembly
44	75089757	1	Curb Side Bottom Stop Spring
45	85803530	1	C/S Bottom Stop Hook Mount Assembly
46	75088083	4	1/2" Lock Washer
47	85803581	4	1/2"-20 x 1-1/2" Flat Head Cap Screw
48	85803585	4	1/2" Lock Washer Counter Sunk External
49	85803570	1	C/S Store Below Lock Housing Assy
50	85803579	2	Spring Store Below, Detent
51	85803575	1	Curb Side Store Below Lock Slide Assy
52	85803567	2	Spacer Plate
53	85803576	1	Street Side Store Below Lock Slide Assy
54	85803571	1	S/S Store Below Lock Housing Assy
*55	85803594	4	1/2"-20 x 1-1/2" Hex head Bolt (Grade 5)

^A Included in Deck Pin Replacement Kit 80000913.

^B Included in Single Roller Kit 80000896 and Four Roller Kit (Complete liftgate) 80000897

MAIN FRAME & RUNNER ASSEMBLY w/ STORE BELOW BED OPTION
(Built from 10-98 thru 1-02)



WALTCO LIFT CORP.
WDL RM SERIES

REVISED: 3-1-11
E.O. 6469
REV. 12

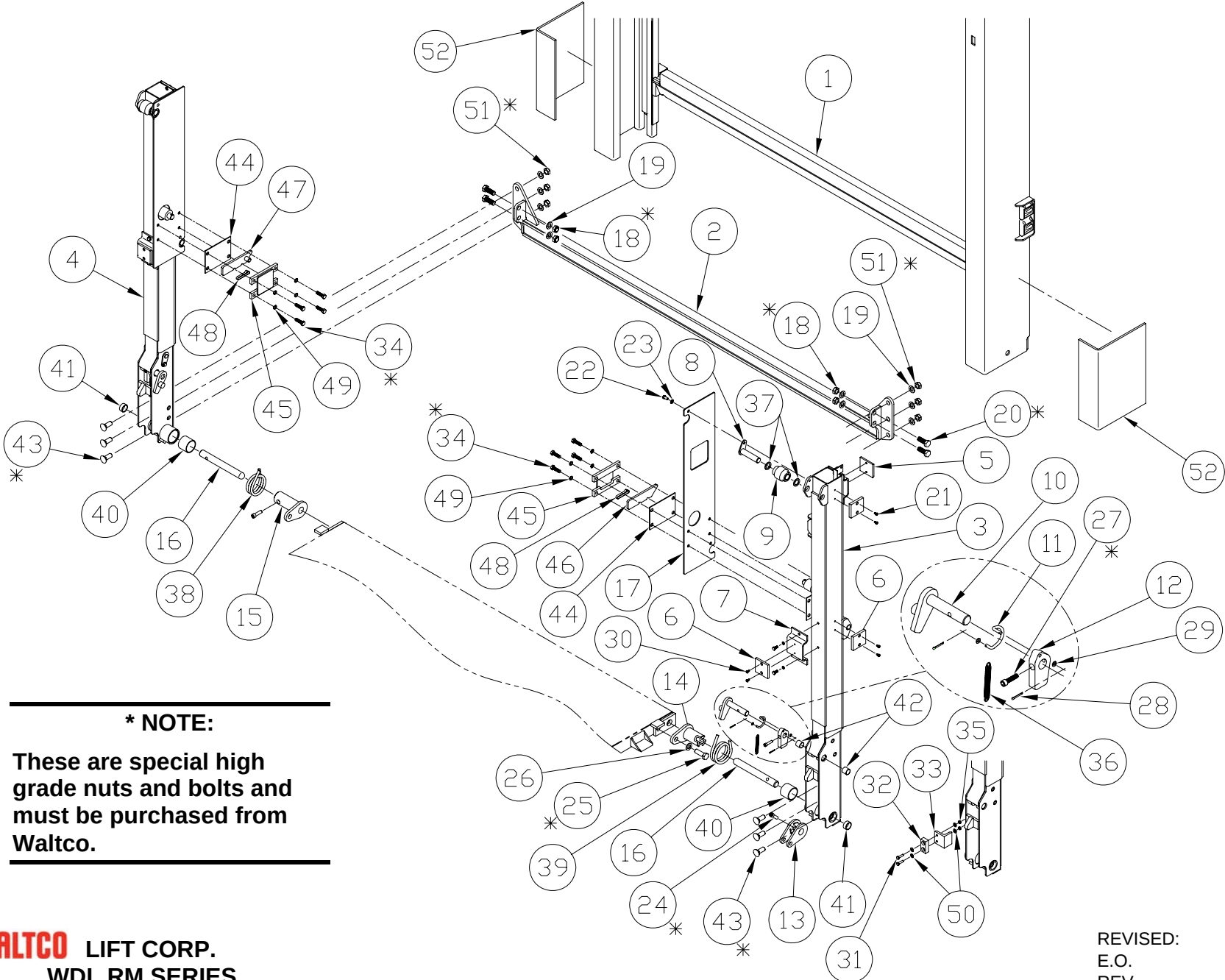
PM-477

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31520001	1	96" Main Frame Assembly w/Bottom Stops
	32520001	1	102" Main Frame Assembly w/Bottom Stops
	31620001	1	96" Main Frame Assy w/Threshold Ext. & Bot. Stops
	32620001	1	102" Main Frame Assy w/Threshold Ext. & Bot. Stops
2	32365001	1	102" Equalizer Beam
	31365001	1	96" Equalizer Beam
	32465001	1	102" Equalizer Beam for Threshold Ext.
	31465001	1	96" Equalizer Beam for Threshold Ext.
3	32430001	1	Curb Side Runner Assy w/Bottom Stops & Store Below Option (60" B.E. Decks Only)
	32530001	1	C/S Runner Assy w/Bottom Stops & Store Below Option (60"+15" & 72" B.E. Decks Only)
4	32430051	1	Street Side Runner Assy w/Bottom Stops & Store Below Option (60" B.E. Decks Only)
	32530051	1	S/S Runner Assy w/Bottom Stops & Store Below Option (60"+15" & 72" B.E. Decks Only)
5	85803328	2	Upper Runner Wear Pad
6	85803340	6	Side Runner Wear Pad
7	85803339	4	Wear Pad Mounting Channel
8	40439000 ^D	4	Roller Pin Assembly
9	40439500 ^D	4	Roller Assembly
10	31433501	1	Curb Side Transit Latch Assembly (2 Pc. Platform)
	31433551	1	Street Side Transit Latch Assembly (2 Pc. Platform)
11	85803238	1	Curb Side Transit Latch Link
	85803233	1	Street Side Transit Latch Link
12	85803235	2	Transit Latch Arm
13	31451001 ^C	1	Curb Side Outer Hub Assembly
14	31451102 ^C	1	Curb Side Inner Closer Hub Assembly
15	31451301 ^C	1	Street Side Hub Assembly
16	31411201 ^{AC}	2	Deck Pivot Pin
17	31437501	1	Curb Side Roller Guard Plate (60" B.E. Decks Only)
	32537501	1	Curb Side Roller Guard Plate (60" + 15" & 72" B.E. Decks Only)
	85803453	1	Street Side Roller Guard Plate (60" B.E. Decks Only)
	85803788	1	Street Side Roller Guard Plate (60" + 15" & 72" B.E. Decks Only)
*18	75085198	8	3/4"-16 Locknut (Grade 5)
19	75088058	8	Flat Washer- 3/4" I.D. x 2" O.D.
*20	75086193	8	3/4"-16 x 2" Hex Head Bolt (Grade 5)
21	75086862	8	1/4"-20 x 1/2" Self Tapping Screw
22	75086055 ^{BD}	12	3/8"-16 x 3/4" Hex Head Screw
23	75088081 ^{BD}	12	3/8" Lock Washer
*24	85803465 ^{ABC}	2	1/2"-13 x 1-3/4" Socket Head Screw (Grade 8)

ITEM	PART NUMBER	QTY	DESCRIPTION
*25	75086232	2	3/4"-10 x 1-1/4" Hex Head Bolt (Grade 8)
26	75088087 ^C	2	3/4" Lock Washer
*27	85803237 ^B	2	3/8"-16 x 1-1/2" Socket Head Cap Screw (Grade 5)
28	75084053 ^B	4	3/32" x 1" Cotter Pin
29	75088051 ^B	2	Flat Washer- 1/4" I.D. x 5/8" O.D.
30	75086854	8	1/4"-20 x 5/8" Self Tapping Rd. Head Screw
31	75086007	2	1/4"-20 x 1-1/4" Lg. Hex Bolt (Grade 2)
32	31436801	1	Rubber Pad Deck Stop
33	31434601	1	Angle Deck Stop
*34	85803594	4	1/2"-20 x 1-1/2" Hex head Bolt (Grade 5)
35	75085161	2	1/4"-20 Nylon Locknut
36	37438902	2	Extension Spring
37	75088264 ^D	8	Washer Bronze
38	31437151	1	Torsion Spring Platform Opening DS
39	31437101	1	Torsion Spring Platform Opening CS
40	10010165 ^{ABC}	2	2-1/2" O.D. x 2-1/4" I.D. x 2" Lg. Bearing
41	10010166 ^{ABC}	2	1-1/2" O.D. x 1-1/4" I.D. x 5/8" Lg. Bearing
42	10010167 ^B	4	1-1/8" O.D. x 1" I.D. x 1" Lg. Bearing
43	85803531	1	Street Side Bottom Stop Hook Mount Assembly
44	75089758	1	Street Side Bottom Stop Spring
45	85803526	1	Street Side Bottom Stop Hook Assembly
46	75088061	2	Flat Washer- 1" I.D. x 2-1/2" O.D.
47	75089557	2	1/4" x 1-1/2" Coiled Pin
48	85803525	1	Curb Side Bottom Stop Hook Assembly
49	75089757	1	Curb Side Bottom Stop Spring
50	85803530	1	Curb Side Bottom Stop Hook Mount Assembly
51	85803567	2	Spacer Plate
52	85803576	2	Street Side Store Below Lock Slide Assy
53	85803579	2	Spring Store Below Detent
54	85803571	1	Street Side Store Below Lock Housing Assy
55	75088083	4	1/2" Lock Washer
*56	85803581	4	1/2"-20 x 1-1/2" Flat Head Cap Screw
57	85803575	1	Curb Side Store Below Lock Slide Assy
58	85803570	1	Curb Side Store Below Lock Housing Assy
59	85803585	4	1/2" Lock Washer Counter Sunk External
60	75088060	4	Flat Washer- 1/4" I.D. x 3/4" O.D.
61	31696000 ^E	2	Rail Stiffener (Optional)

^A Included in Deck Pin Replacement Kit 80000914.
^B Included in Bearing Replacement Kit 80000945.
^C Included in Hub Replacement Kit 80000955.
^D Included in Single Roller Kit 80000896 and Four Roller Kit (Complete liftgate) 80000897
^E Included in rail Stiffener kit 80000841

MAIN FRAME & RUNNER ASSEMBLY w/ STORE BELOW BED OPTION
(Built from 1-02 thru 10-05)



WALTCO LIFT CORP.
WDL RM SERIES

REVISED: 3-1-11
E.O. 6469
REV. 07

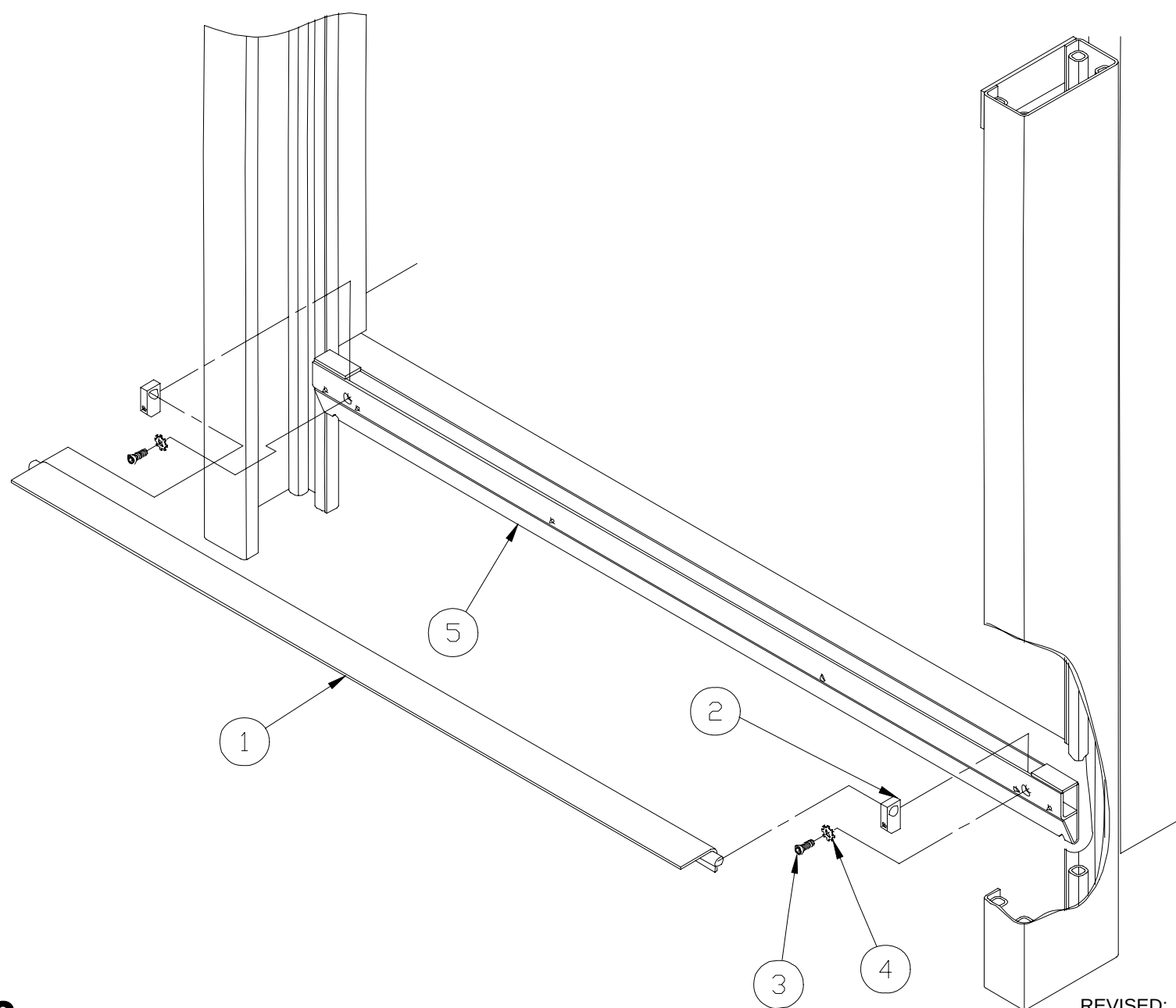
PM-477A

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31320002	1	96" Main Frame Assembly
	32320002	1	102" Main Frame Assembly
	31420002	1	96" Main Frame Assy w/Threshold Extension
	32420002	1	102" Main Frame Assy w/Threshold Extension
2	31365001	1	96" Equalizer Beam
	32365001	1	102" Equalizer Beam
	31465001	1	96" Equalizer Beam for Threshold Ext.
	32465001	1	102" Equalizer Beam for Threshold Ext.
3	32430002	1	Curb Side Runner Assy w/Bottom Stops & Store Below Option
4	32430052	1	Street Side Runner Assy w/Bottom Stops & Store Below Option
5	85803328	2	Upper Runner Wear Pad
6	85803340	6	Side Runner Wear Pad
7	85803339	4	Wear Pad Mounting Channel
8	40439000 ^D	4	Roller Pin Assembly
9	40439500 ^D	4	Roller Assembly (includes Bearings)
10	31433501	1	Curb Side Transit Latch Assembly (2 Pc. Platform)
	31433551	1	Street Side Transit Latch Assembly (2 Pc. Platform)
11	85803238	1	Curb Side Transit Latch Link
	85803233	1	Street Side Transit Latch Link
12	85803235	2	Transit Latch Arm
13	31451001 ^C	1	Curb Side Outer Hub Assembly
14	31451102 ^C	1	Curb Side Inner Closer Hub Assembly
15	31451301 ^C	1	Street Side Hub Assembly
16	31411201 ^{AC}	2	Deck Pivot Pin
17	32437502	1	Curb Side Roller Guard Plate
	32437552	1	Street Side Roller Guard Plate
*18	75085198	4	3/4"-16 Locknut (Grade 5)
19	75088058	10	Flat Washer- 3/4" I.D. x 2" O.D.
*20	75086193	4	3/4"-16 x 2" Hex Head Bolt (Grade 5)
21	75086862	8	1/4"-20 x 3/8" Self Tapping Screw
22	75086055 ^{BD}	12	3/8"-16 x 3/4" Hex Head Screw
23	75088081 ^{BD}	12	3/8" Lock Washer
*24	85803465 ^{ABC}	2	1/2"-13 x 1-3/4" Socket Head Screw (Grade 8)
*25	75086232	2	3/4"-10 x 1-1/4" Hex Bolt (Gr8)
26	75088087 ^C	2	3/4" Lock Washer
*27	85803237 ^B	2	3/8"-16 x 1-1/2" Socket Head Cap Screw (Grade 5)

ITEM	PART NUMBER	QTY	DESCRIPTION
28	75084053 ^B	4	3/32" x 1" Cotter Pin
29	75088051 ^B	2	Flat Washer- 1/4" I.D. x 5/8" O.D.
30	75086854	8	1/4"-20 x 5/8" Self Tapping Rd. Head Screw
31	75086007	2	1/4"-20 x 1-1/4" Lg. Hex Bolt (Grade 2)
32	31436801	1	Rubber Pad Deck Stop
33	31434601	1	Angle Deck Stop
*34	85803594	8	1/2"-20 x 1-1/2" Hex head Bolt (Grade 5)
35	75085161	2	1/4"-20 Nylon Locknut
36	37438902	2	Extension Spring
37	75088264 ^D	8	Washer Bronze
38	31437151	1	Torsion Spring Platform Opening DS
39	31437101	1	Torsion Spring Platform Opening CS
40	10010165 ^{ABC}	2	2-1/2" O.D. x 2-1/4" I.D. x 2" Lg. Bearing
41	10010166 ^{ABC}	2	1-1/2" O.D. x 1-1/4" I.D. x 5/8" Lg. Bearing
42	10010167 ^B	4	1-1/8" O.D. x 1" I.D. x 1" Lg. Bearing
*43	75087500	6	3/4"-10 x 2" lg. Carriage Bolt, Grade 5
44	85803567	2	Spacer Plate
45	31457001	1	Store Below Lock Housing Assy
46	31457501	1	Curb Side Store Below Lock Slide Assy
47	31457551	2	Street Side Store Below Lock Slide Assy
48	85803579	2	Spring Store Below Detent
49	75088083	8	1/2" Lock Washer
50	75088060	4	Flat Washer- 1/4" I.D. x 3/4" O.D.
*51	75085199	6	3/4"-10 Locknut (Grade 5)
52	31696000 ^E	2	Rail Stiffener (Optional)

A Included in Deck Pin Replacement Kit 80000914.
B Included in Bearing Replacement Kit 80000945.
C Included in Hub Replacement Kit 80000955.
D Included in Single Roller Kit 80000896 and Four Roller Kit (Complete liftgate) 80000897
E Included in Rail Stiffener Kit 80000841

THRESHOLD EXTENSION
(Built 6-95 thru 1-02)



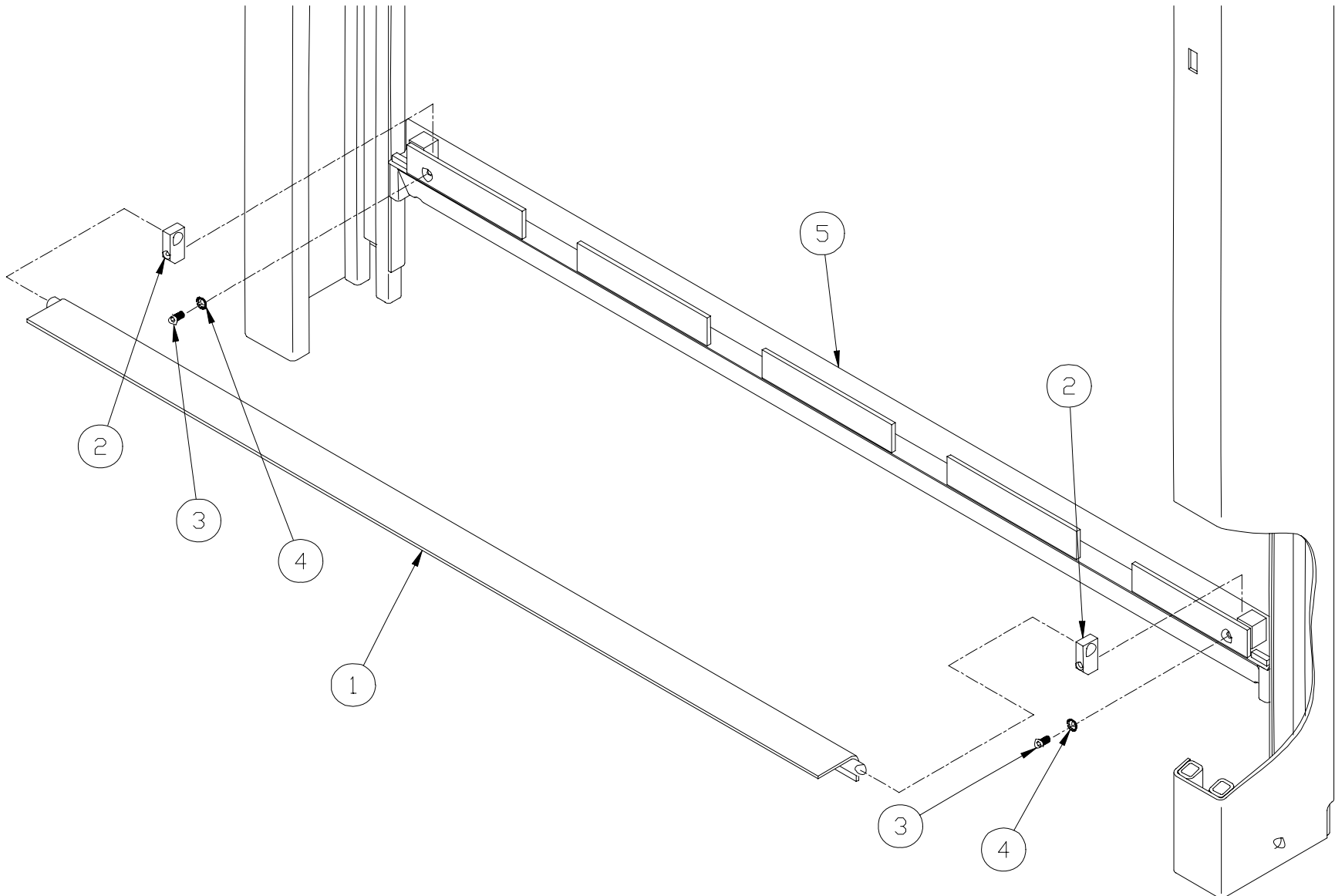
REVISED: 4-1-06
E.O. 5221G
REV. 04

PM-363

WALTCO
TRUCK EQUIPMENT CO.
WDL RM SERIES

ITEM	PART NUMBER	QTY	DESCRIPTION
A	85803846	1	Threshold Extension Complete (96" Wide Liftgate) (Includes Items all items below)
	85803847	1	Threshold Extension Complete (102" Wide Liftgate) (Includes Items all items below)
1	85803830	1	Angle Assembly (96" Wide Liftgate)
	85803831	1	Angle Assembly (102" Wide Liftgate)
2	85803836	2	Hinge
3	75085998	2	Flat Head Socket Cap Screw
4	85803585	2	Lock Washer
5	85803832	1	Cross Beam Assembly (96" Wide Liftgate)
	85803833	1	Cross Beam Assembly (102" Wide Liftgate)

THRESHOLD EXTENSION
(Built 1-02 thru 10-05)

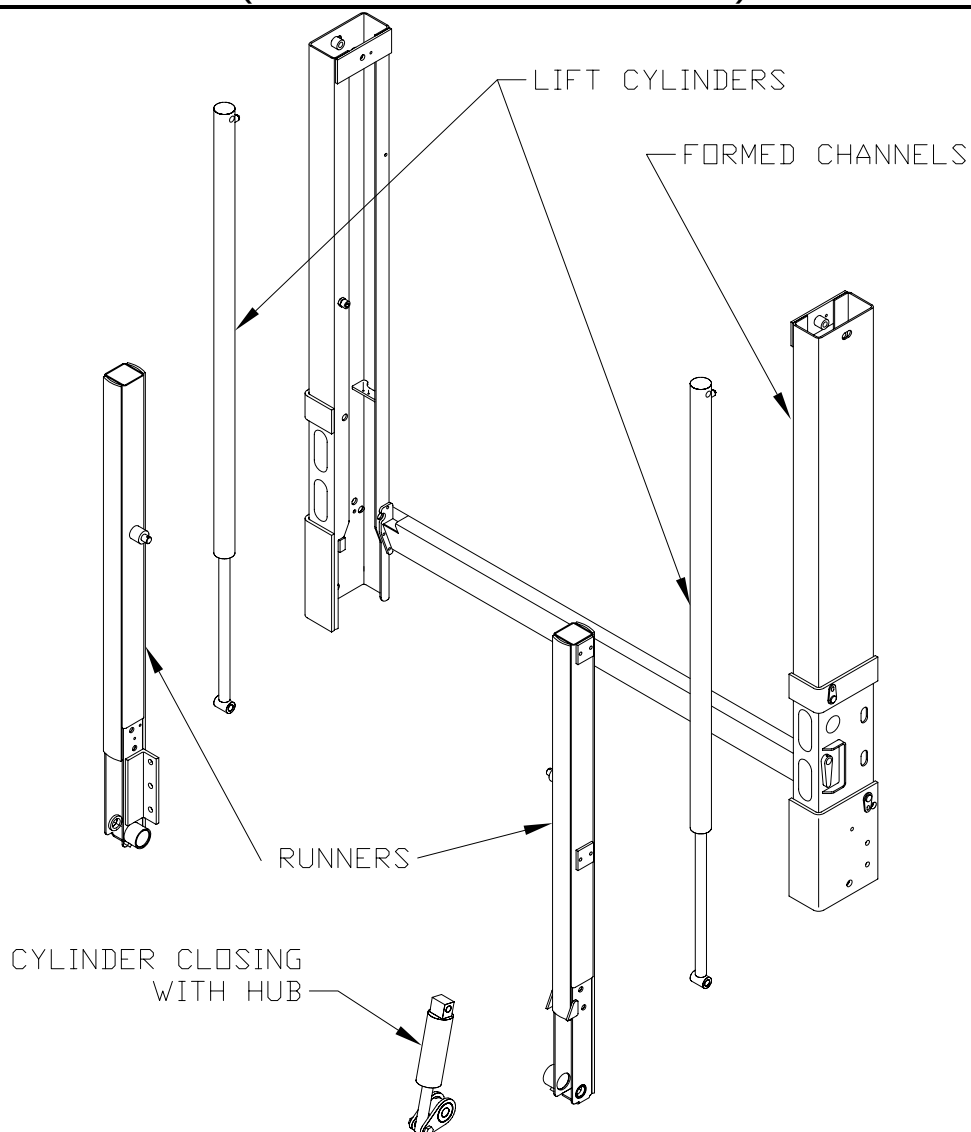


WALTCO
TRUCK EQUIPMENT CO.
WDL RM SERIES

REVISED: 4-1-06
E.O. 5221G
REV. 02
PM-363A

ITEM	PART NUMBER	QTY	DESCRIPTION
A	31425001	1	Threshold Extension Complete (96" Wide Liftgate) (Includes all items below)
	32425001	1	Threshold Extension Complete (102" Wide Liftgate) (Includes all items below)
1	85803830	1	Angle Assembly (96" Wide Liftgate)
	85803831	1	Angle Assembly (102" Wide Liftgate)
2	85803836	2	Hinge
3	75085998	2	Flat Head Socket Cap Screw
4	85803585	2	Lock Washer
5	31426001	1	Cross Beam Assembly (96" Wide Liftgate)
	32426001	1	Cross Beam Assembly (102" Wide Liftgate)

WDL US MAIN FRAME and RUNNER ASSEMBLY (Built from 10-05 thru 6-08)



Common Features

- Capacity: 3500, 4500, 5500, and 6600 pounds
- Cylinder closing with closure hub
- Dual lifting cylinders mounted vertically
- Formed channels for cylinders and runners
- Spec tag on rail
- Auto engaging transit latch

Standard (96" and 102")

PM-691A

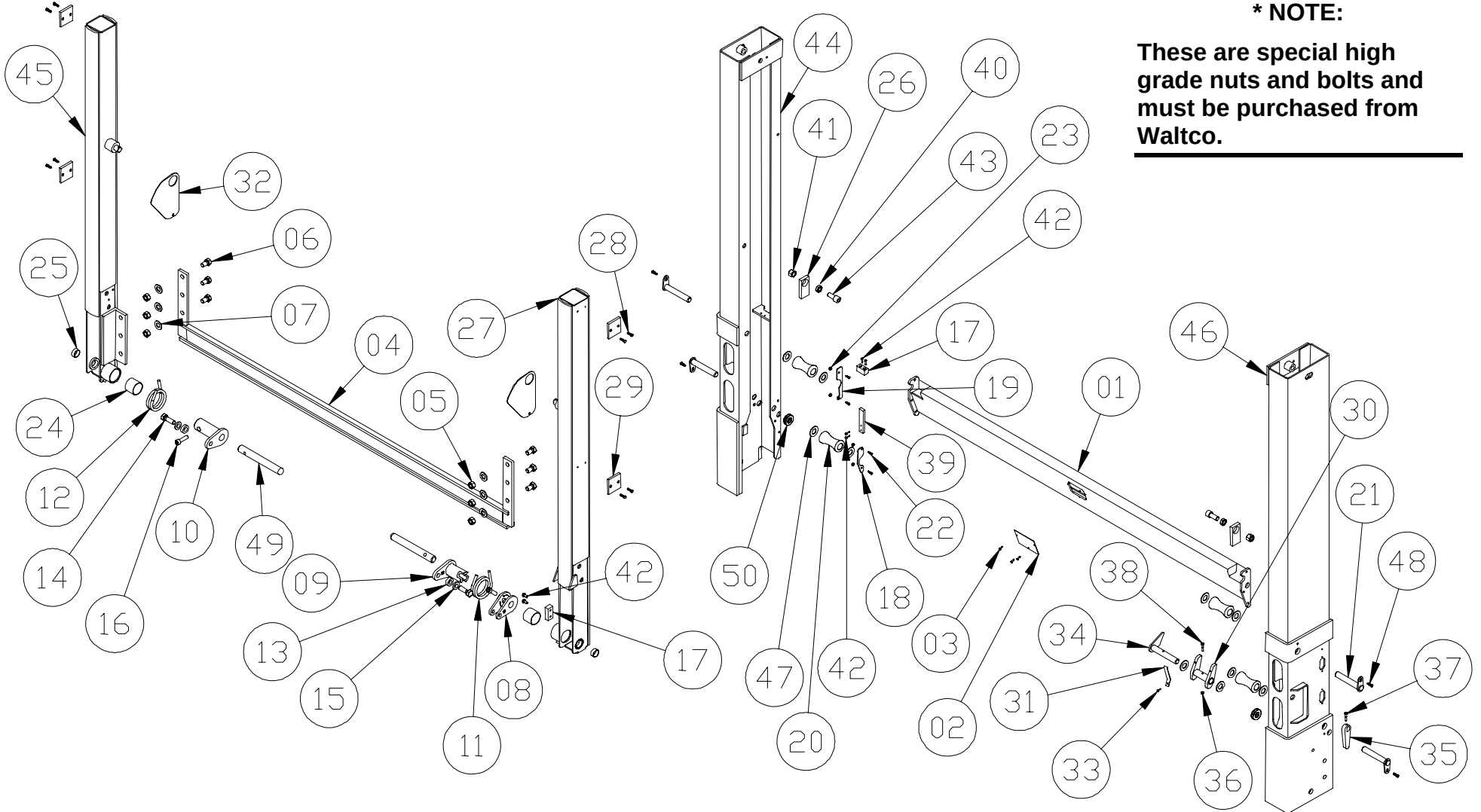
Built from 10-05 thru 8-06

PM-691B

Built from 8-06 thru 6-08

[Click here for list of liftgate serial numbers, organized by approximate ship dates.](#)

MAIN FRAME & RUNNER ASSEMBLY
(Built 10-05 thru 8-06)



WALTCO LIFT CORP.
WDL US

REVISED: 8-1-09
E.O. 6251
REV. 03

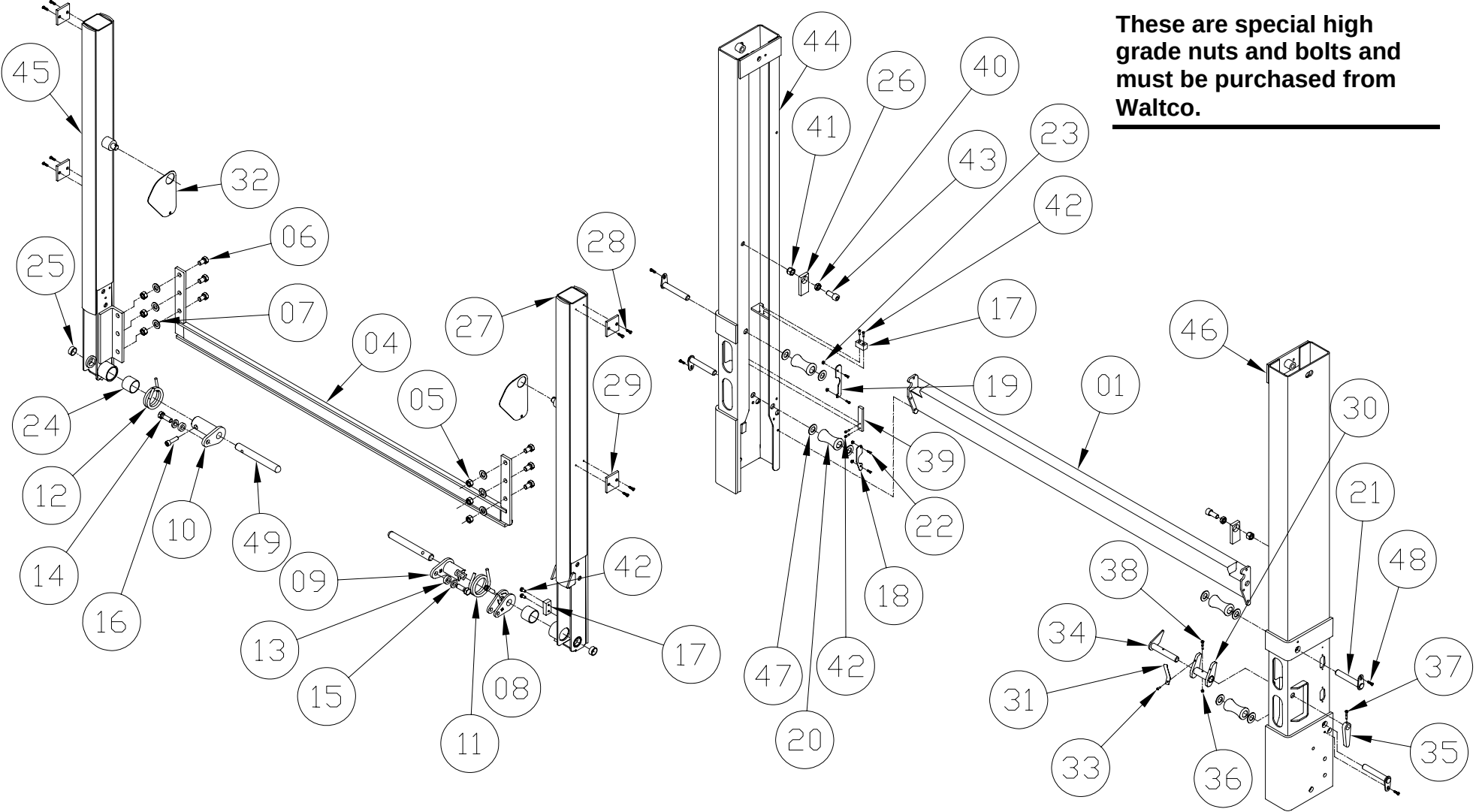
PM-691A

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31725000	1	Sill Extension, 96" OAW
	31725050		Sill Extension, 102" OAW
2	31725004	1	Access Door
3	75086861	3	#10-24 x 5/8" Lg. Self Tapping Screw
4	31765000	1	Equalizer Beam, 96" OAW
	31765050		Equalizer Beam, 102" OAW
*5	75085198	6	¾"-16 Lock Nut (Grade 5)
*6	75086193	6	¾"-16 x 2" Hex Bolt (Grade 5)
7	75088158	6	Washer, ¾" I.D. x 2" O.D. x 0.156" Thick
8	31451001	1	Outer Closer Hub, Curb Side
9	31451102	1	Inner Hub, Curb Side
10	31451301	1	Hub, Driver Side
11	31437101	1	Opening Spring, Curb Side
12	31437151	1	Opening Spring, Driver Side
13	31751000	2	Collar
*14	75086233	2	¾"-10 x 2-3/4" Hex Bolt (Grade 8)
15	75088087	2	Lock Washer, ¾" I.D.
*16	85803465	2	½"-13 x 1-3/4" Socket Head (Grade 8)
17	31724014	3	Upper Bearing
18	31725010	2	Lower Roller Guard
19	31725011	2	Upper Roller Guard
20	31797501 ^A	4	Roller
21	31797001 ^A	4	Roller Pin Assembly
22	75086707	8	#10-32 x 5/8" Round Head Screw
23	75085000	8	#10-32, Serrated Hex Nut
24	10010165	2	Bearing, 2-1/4" I.D. x 2-1/2" O.D. x 2" Lg.
25	10010166	2	Bearing, 1-1/4" I.D. x 1-1/2" O.D. x 5/8" Lg
26	31724018	2	Up-Stop Rail Brace
27	31730030 ^B	1	Runner, Curb Side
28	75086862	8	¼"-20 x 3/8" Self Tapping Screw
29	85803340	4	Runner Wear pad
30	31733000	1	Latch Assembly (Includes Spring)
31	31733008	1	Latch Spring
32	31730009	2	Linkage Guard
33	75086021	1	¼"-20 x ½" Hex Bolt
34	31733005	1	Latch Pin
35	31733010	1	Outer Latch Handle
36	75085161	1	¼"-20 Locknut
37	75085995	1	¼"-20 x 1" Socket Head Screw
38	75086013	1	¼"-20 x 1-1/2" Hex Bolt (Grade 2)
39	39035700	2	Lower Bearing
40	75085015	2	¾"-10 Jam Hex Nut (for steel platforms)
	75085014		¾"-10 Full Hex Nut (for alum platforms)
41	75085186	2	¾"-10 Locknut

ITEM	PART NUMBER	QTY	DESCRIPTION
42	75086854	10	¼"-20 x 5/8" Self Tapping Screw
*43	75087581	2	¾" x 2-1/2" Socket Head Screw (Grade 5)
44	31724050	1	Upright, Driver Side
45	31730035 ^C	1	Runner, Driver Side
46	31724000	1	Upright, Curb Side
47	75088261 ^A	8	1" I.D. Bronze Thrust Washer
48	75086846	4	3/8"-16 x ¾" Thread Rolling Screw
49	31411201	2	Deck Pivot Pin
50	75089339	2	Grommet, 11/16" I.D.

- Notes:
- A. Included in Greaseable Roller Pin Kit 80001134.
 - B. Includes items 24, 25, 17 and 42
 - C. Includes items 24 and 25

MAIN FRAME & RUNNER ASSEMBLY
(Built 8-06 thru 6-08)



WALTCO LIFT CORP.
WDL US

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REV. 02

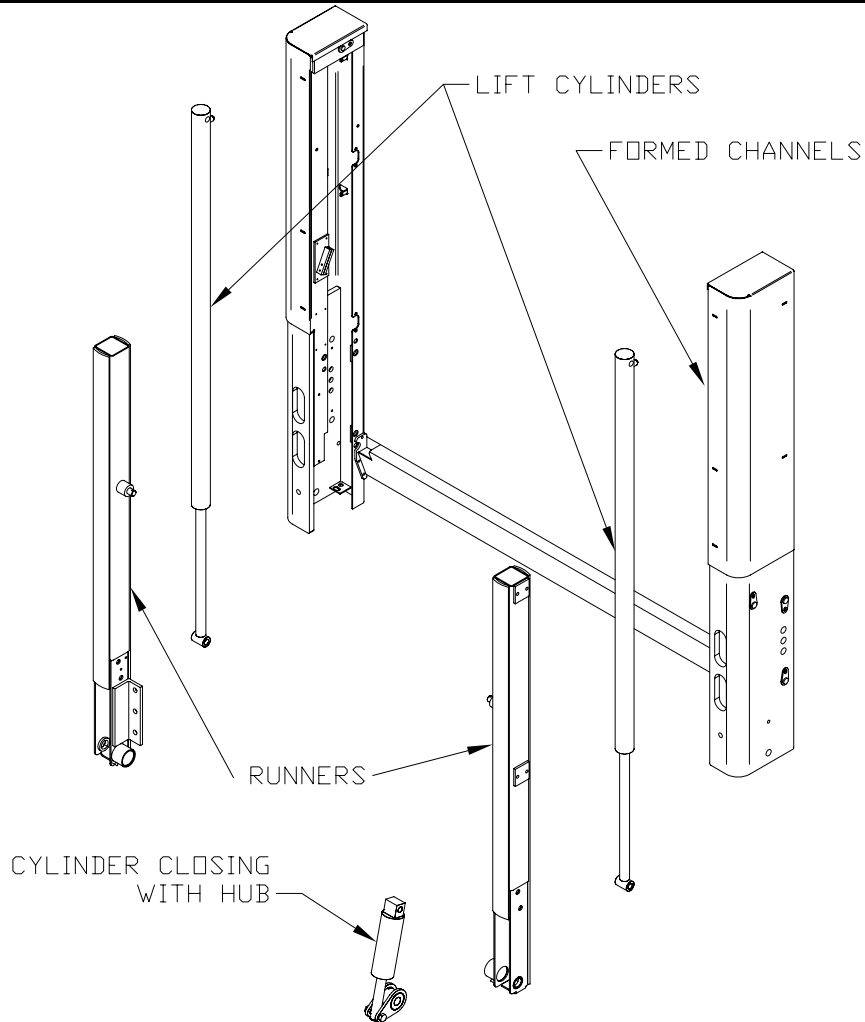
PM-691B

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31726000	1	Sill Extension, 96" OAW
	31726050		Sill Extension, 102" OAW
4	31765000	1	Equalizer Beam, 96" OAW
	31765050		Equalizer Beam, 102" OAW
*5	75085198	6	¾"-16 Lock Nut (Grade 5)
*6	75086193	6	¾"-16 x 2" Hex Bolt (Grade 5)
7	75088158	6	Washer, ¾" I.D. x 2" O.D. x 0.156" Thick
8	31451001	1	Outer Closer Hub, Curb Side
9	31451102	1	Inner Hub, Curb Side
10	31451301	1	Hub, Driver Side
11	31437101	1	Opening Spring, Curb Side
12	31437151	1	Opening Spring, Driver Side
13	31751000	2	Collar
*14	75086233	2	¾"-10 x 2-3/4" Hex Bolt (Grade 8)
15	75088087	2	Lock Washer, ¾" I.D.
*16	85803465	2	½"-13 x 1-3/4" Socket Head (Grade 8)
17	31724014	3	Upper Bearing
18	31725010	2	Lower Roller Guard
19	31725011	2	Upper Roller Guard
20	31797501 ^B	4	Roller
21	31797001 ^B	4	Roller Pin Assembly
22	75086707	8	#10-32 x 5/8" Round Head Screw
23	75085000	8	#10-32, Serrated Hex Nut
24	10010165	2	Bearing, 2-1/4" I.D. x 2-1/2" O.D. x 2" Lg.
25	10010166	2	Bearing, 1-1/4" I.D. x 1-1/2" O.D. x 5/8" Lg
26	31724018	2	Up-Stop Rail Brace
27	31730030 ^C	1	Runner, Curb Side
28	75086862	8	¼"-20 x 3/8" Self Tapping Screw
29	85803340	4	Runner Wear pad
30	31733000 ^A	1	Latch Assembly (Includes Spring)
31	31733008	1	Latch Spring
32	31730009	2	Linkage Guard
33	75086021	1	¼"-20 x ½" Hex Bolt
34	31733005 ^A	1	Latch Pin
35	31733010 ^A	1	Outer Latch Handle
36	75085161 ^A	1	¼"-20 Locknut
37	75085995 ^A	1	¼"-20 x 1" Socket Head Screw
38	75086013 ^A	1	¼"-20 x 1-1/2" Hex Bolt (Grade 2)
39	39035700	2	Lower Bearing
40	75085015	2	¾"-10 Jam Hex Nut (for steel platforms)
	75085014		¾"-10 Full Hex Nut (for alum platforms)
41	75085186	2	¾"-10 Locknut
42	75086854	10	¼"-20 x 5/8" Self Tapping Screw
*43	75087581	2	¾" x 2-1/2" Socket Head Screw (Grade 5)

ITEM	PART NUMBER	QTY	DESCRIPTION
44	31724050	1	Upright, Driver Side
45	31730035 ^D	1	Runner, Driver Side
46	31724000	1	Upright, Curb Side
47	75088261 ^B	8	1" I.D. Bronze Thrust Washer
48	75086846	4	3/8"-16 x ¾" Thread Rolling Screw
49	31411201	2	Deck Pivot Pin

- Notes:
- A. Included in latch assembly 31773300
 - B. Included in Greaseable Roller Kit 80001134
 - C. Includes items 24, 25, 17 and 42
 - D. Includes items 24 and 25

WDL U1 MAIN FRAME and RUNNER ASSEMBLY (Built from 2-07 thru 10-07)



Common Features

- Capacity: 5500, and 6600 pounds
- Cylinder closing with closure hub
- Dual lifting cylinders mounted vertically
- Formed channels with removable covers on upper half for cylinders and runners
- Spec tag on rail
- Bottom Stops

“H” Frame (96” and 102”)

PM-713

Built from 2-07 thru 10-07

Runners & Equalizer Beam (96” and 102”)

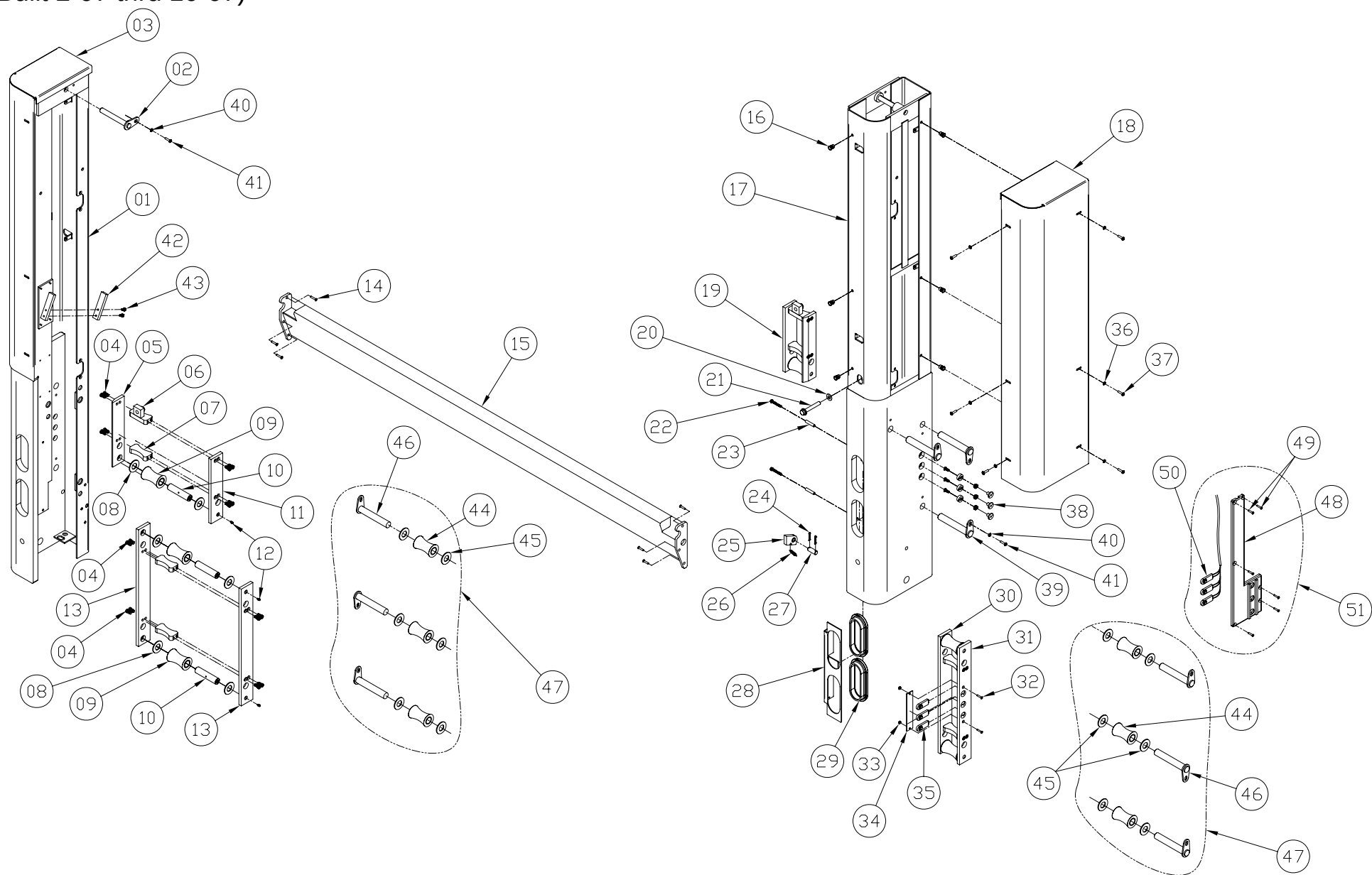
PM-715

Built from 2-07 thru 10-07

[Click here for list of liftgate serial numbers, organized by approximate ship dates.](#)

Rev. 01 8/10

COLUMN ASSEMBLIES
(Built 2-07 thru 10-07)



WALTCO LIFT CORP.
WDL U1

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REV. 02

PM-713

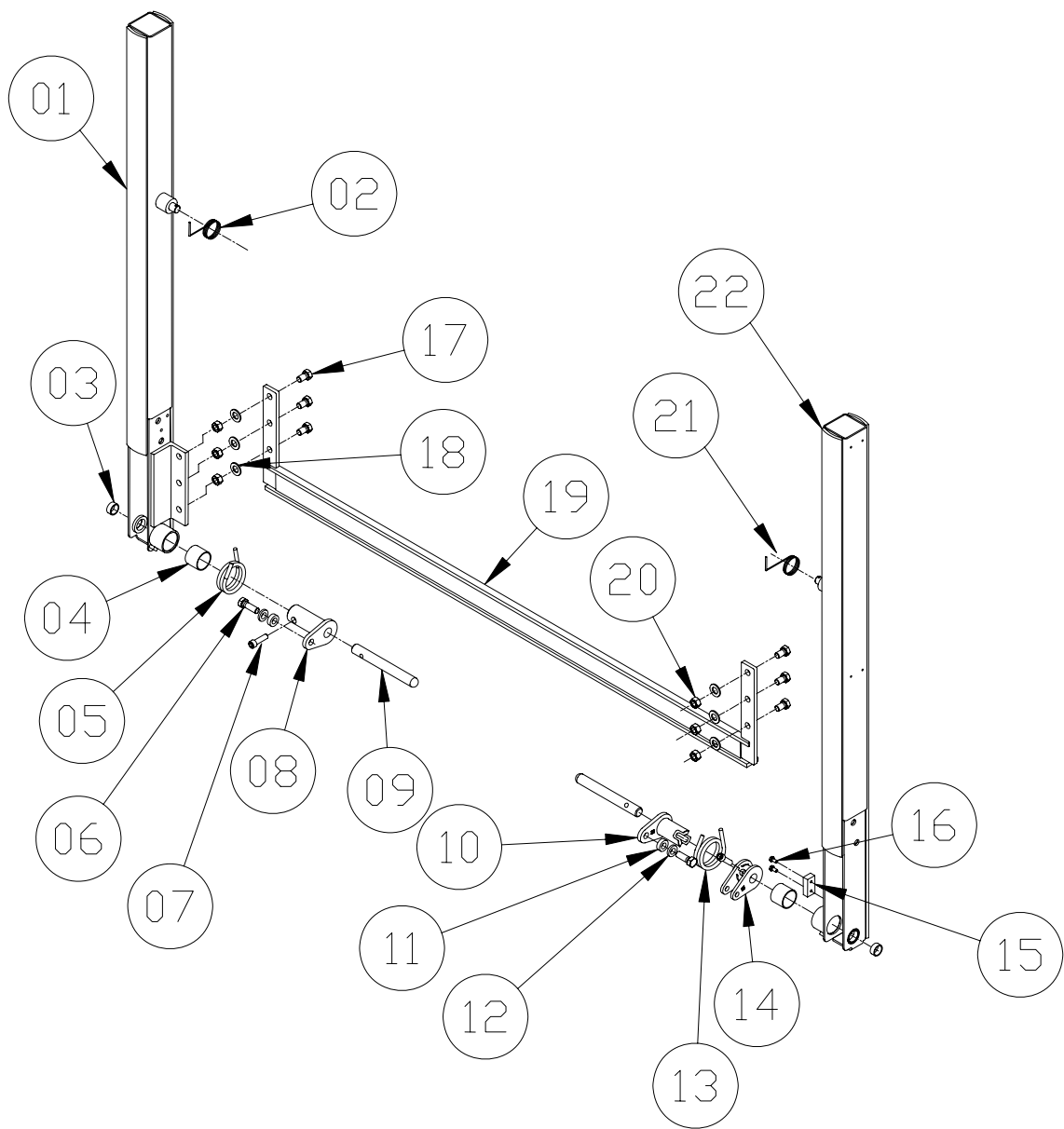
ITEM	PART NUMBER	QTY	DESCRIPTION
1	3180060-2	1	Column Weldment, Street Side
2	31470501	2	Pin, Upper Cylinder
3	3180059-3	1	Column Cover, Street Side
4	7500005-1	32	3/8-16 Hex Socket Head Screw
5	3180056-3	1	Side Bar, Curbside, Outboard
	3180056-4	1	Side Bar, Street Side, Inboard
6	3180034	2	Adjustment Bolt Retainer
7	3180009-2	6	Cross Bar
8	75088261	12	Washer, 1" Bronze Thrust
9	3180096	6	Roller Assembly
10	3180013-2	6	Pin, Cartridge Roller
11	3180056-1	1	Side Bar, Curbside, Inboard
	3180056-2	1	Side Bar, Street Side, Outboard
12	75089303	6	3/16" Grease Zerk
13	3180055-2	3	Side Bar
14	7500010-3	6	3/8-16 x 7/8 Hex Bolt
15	31726000	1	Sill Extension, 96" Wide
	31726050	1	Sill Extension, 102" Wide
16	7500011-1	12	1/4-20 Rivet Nut
17	3180060-1	1	Column Weldment, Curbside
18	3180059-2	1	Column Cover, Curbside
19	3180094-1	1	Adjustment Cartridge Assy, Curbside
	3180094-2	1	Adjustment Cartridge Assy, Street Side
20	75088056	2	1/2" Washer
21	7500002-1	2	1/2-13 x 3-1/4 Flanged Head Hex Bolt GR 8
22	7500006-2	4	1/4-20 x 2-1/2 Typ F Self Tapping Screw
23	82021059	4	Tube, Flexible PVC
24	75084052	2	Cotter Pin, 5/32 x 1
25	3180139	1	Latch, Downstop w/Bearing
26	3180140	1	Spring
27	1000002-1	1	Pin
28	3180089-2	2	Light Bracket
29	75089376	4	Light Grommet
30	3180095-1	1	Cartridge Assy, Curbside
	3180095-2	1	Cartridge Assy, Street Side
31	3180055-1	1	Side Bar for Controls
32	7500007-1	2	#10-32 Countersunk Screws
33	75085084	2	#10-32 Hex Nut
34	3180102	1	Bar, Switch Backing

ITEM	PART NUMBER	QTY	DESCRIPTION
35	3180099	1	Switch Assy (3 Switches)
36	7500012-1	12	External Tooth Lock Washer
37	7500013-1	12	1/4-20 x 1 Pan Head Screw
38	3180126	3	Switch Button Assy Complete
39	1000001-1	6	Pin Assy
40	75088081	8	3/8 Lock Washer
41	75086055	8	3/8-16 x 3/4 Hex Screw, GR 5
42	3180162	2	Upper Runner Bearing
43	75086874	4	1/4-20 x 5/8, Type F, Self Tapping Screw
44	3180801 ^A	6	Roller Assembly
45	3180807 ^A	12	Thrust Bearing
46	3180803 ^A	6	Roller Pin
47	80001245 ^B	1	Roller Kit (Replaces Roller Cartridges)
48	99533051 ^C	1	Switch Mounting Bracket
49	99533057 ^C	6	Screw, Flat Head Socket, Stainless 1/4"-20 x 3/4"
50	90622207 ^C	1	Switch Button Assy Complete
51	99533050 ^D	1	Switch Kit (Required if using 80001245 Kit)

NOTES:

- A. Components included in 80001245 Roller Kit.
- B. This kit upgrades/replaces the Roller Cartridges (items 19 and 30).
- C. Components included in 99533050 Switch Kit
- D. This kit upgrades/replaces the original switches (Items 35 and 38). It is mandatory to use this kit when using kit 80001245.

RUNNER ASSEMBLIES
 (Built 2-07 thru 10-07)



WALTco LIFT CORP.
 WDL U1

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PM-715

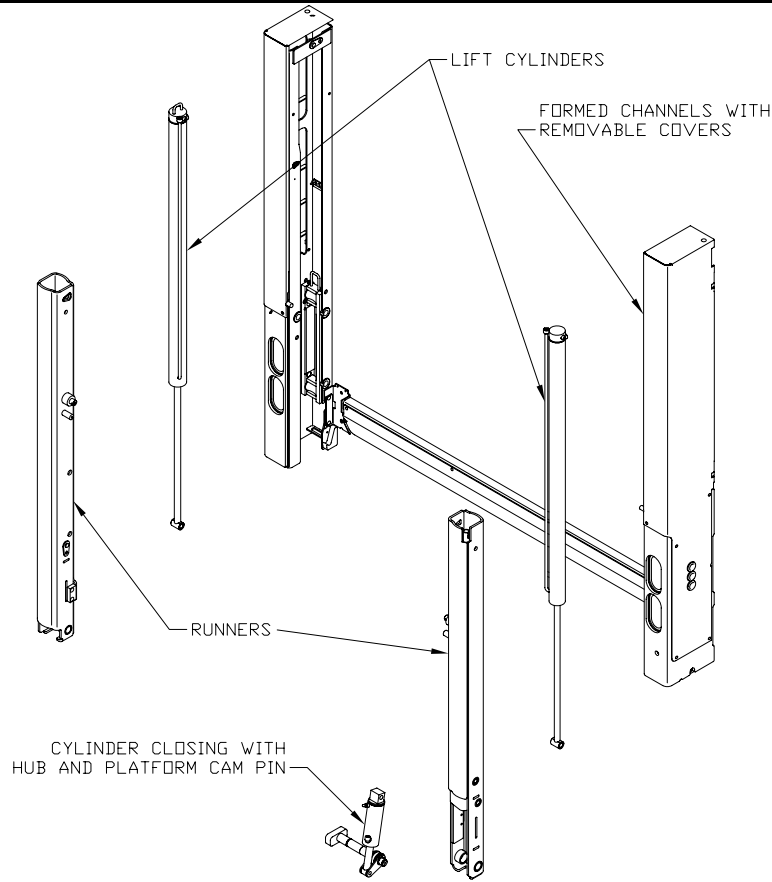
ITEM	PART NUMBER	QTY	DESCRIPTION
1	31730035 ^B	1	Runner, Street Side
2	3180138-2	1	Spring, Street Side
3	10010166	2	Bearing
4	10010165	2	Bearing
5	31437151	1	Spring, Opening, Street Side
* 6	75086233	2	3/4-10 x 2-3/4 Hex Bolt (Grade 8)
* 7	85803465	2	1/2-13 x 1-3/4 Socket Head (Grade 8)
8	31451301	1	Hub, Street Side
9	31411201	2	Pin, Deck Pivot
10	31451102	1	Inner Hub, Curbside
11	31751000	2	Collar
12	75088087	2	Lock Washer, 3/4"
13	31437101	1	Spring, Opening, Curbside
14	31451001	1	Outer Closer Hub, Curbside
15	31724014	1	Stop
16	75086854	2	1/4-20 x 5/8 Self Tapping Screw
*17	75086193	6	3/4-16 x 2 Hex Bolt (Grade 5)
18	75088158	6	Washer, 3/4"
19	3180100-1	1	Equalizer Beam, 96"
	3180100-2		Equalizer Beam, 102"
*20	75085198	6	3/4-16 Lock Nut (Grade 5)
21	3180138-1	1	Spring, Curbside
22	31830030 ^A	1	Runner, Curbside

*** NOTE:**
 These are special
 high grade nuts and
 bolts and must be
 purchased from
 Waltco

Notes:
 A. Includes Items 3, 4, 15 and 16
 B. Includes Items 3 and 4

WDL XT MAIN FRAME and RUNNER ASSEMBLY

(Built from 10-07 thru 4-09)



Common Features

- Capacity: 3500, 4500, 5500, and 6600 pounds
- Cylinder closing with closure hub and platform cam pin
- Dual lifting cylinders in series mounted vertically
- Formed channels with removable covers for cylinders and runners
- Spec tag on rail
- Bottom Stops
- Automatic Latching

“H” Frame (96” and 102”)

PM-724

Built from 10-07 thru 6-08

PM-724A

Built from 6-08 thru 1-09

PM-724B

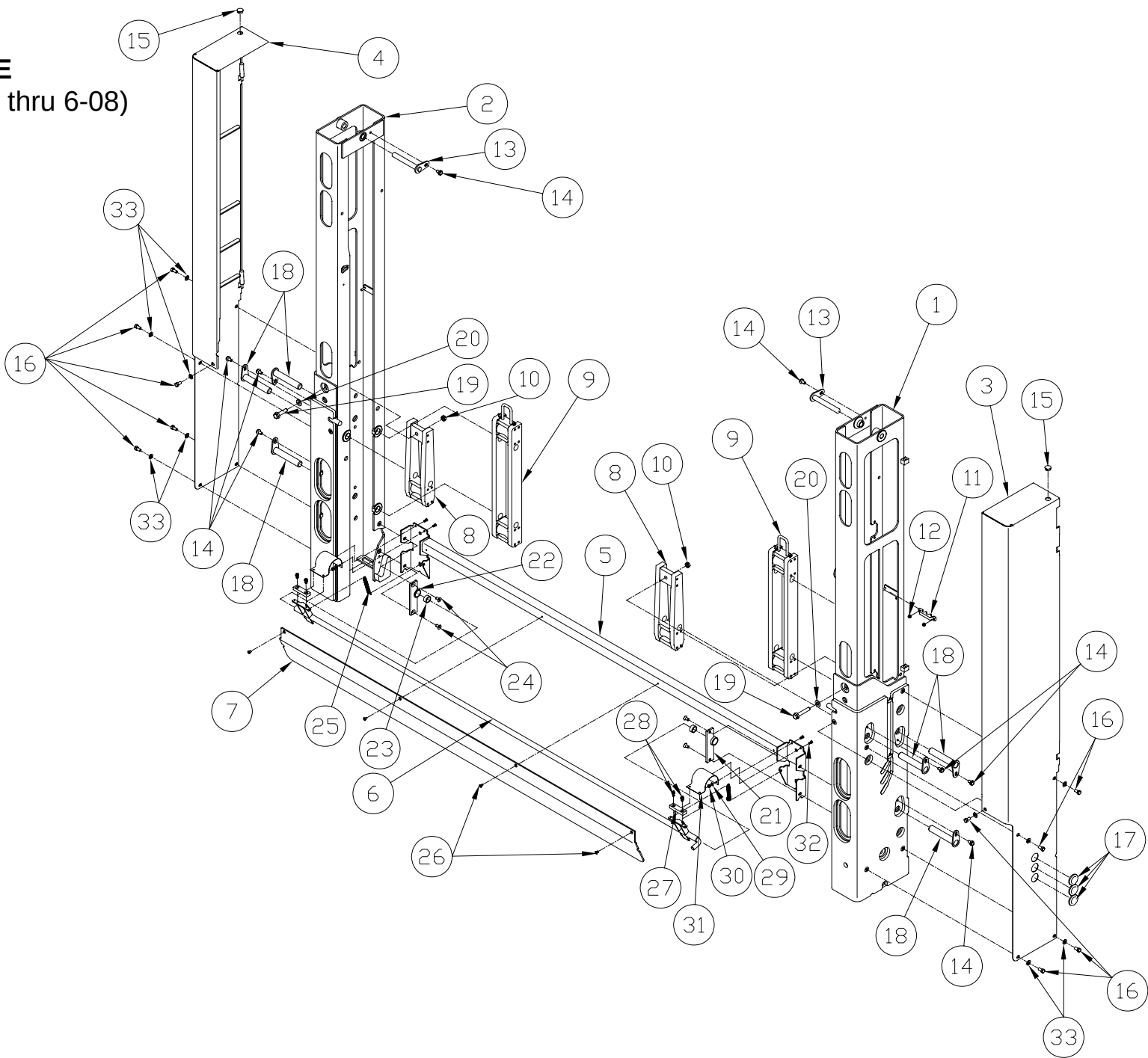
Built from 1-09 thru 4-09

Runners & Equalizer Beam (96” and 102”)

PM-722

Built from 10-07 thru 4-09

“H” FRAME
 (Built 10-07 thru 6-08)



WALTCO LIFT CORP.
WDL XT

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 REV. 03

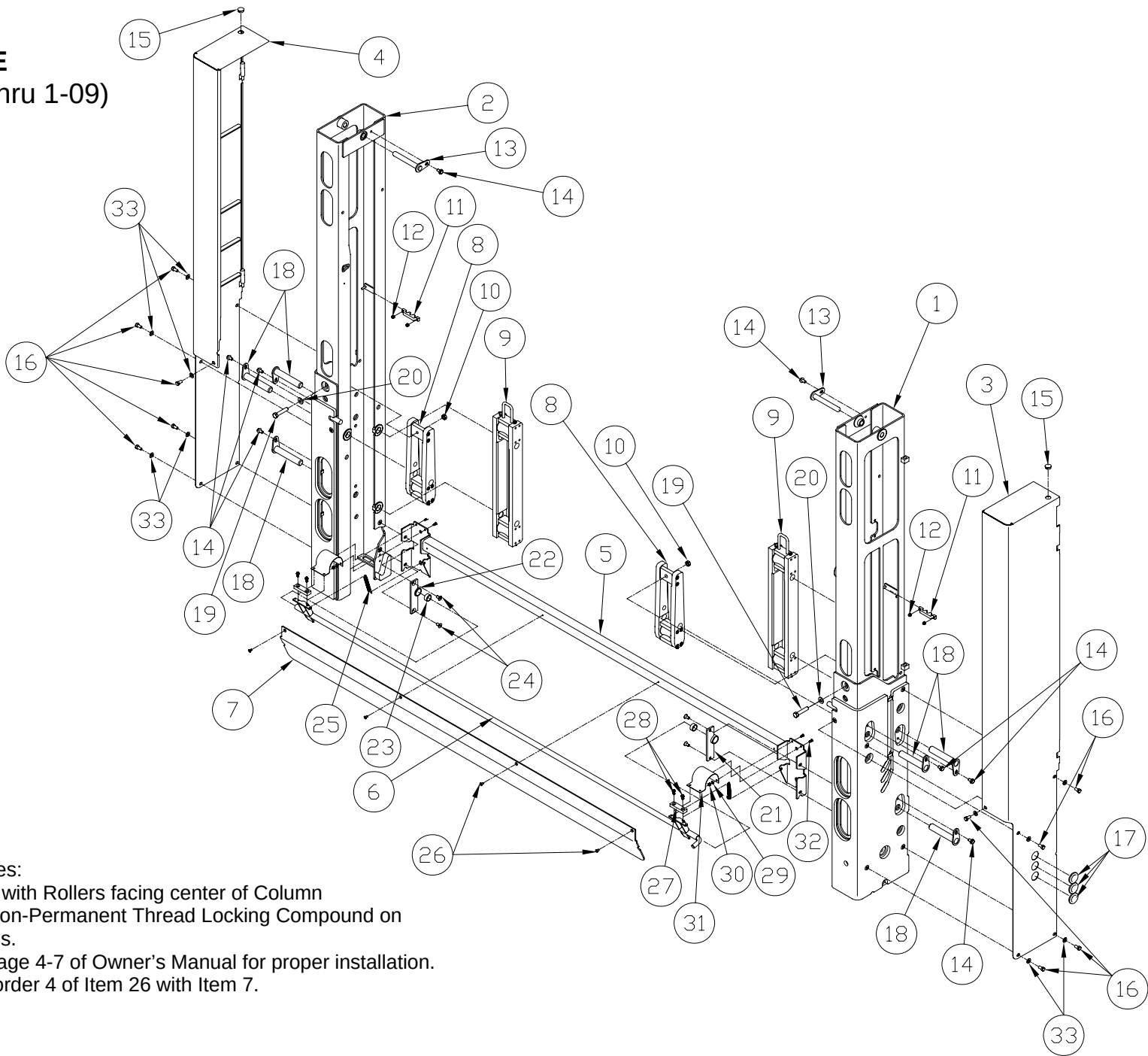
PM-724

ITEM	PART NUMBER	QTY	DESCRIPTION
1	3190069-1	1	Curb Side Column Weldment
2	3190069-5	1	Driver Side Column Weldment
	3190069-9		Driver Side Column Weldment with Controls
3	3190154-1	1	Curb Side Upright Cover
4	3190154-2	1	Driver Side Upright Cover
5	3190186-1	1	Sill Extension, 96 OAW
	3190186-2		Sill Extension, 96 OAW, 23" Walkramp Hook Spacing
	3190186-3		Sill Extension, 102 OAW
	3190186-4		Sill Extension, 102 OAW, 23" Walkramp Hook Spacing
6	3190134-1 ^A	1	PTM Latch, 96 OAW
	3190134-2 ^A		PTM Latch, 102 OAW
7	3190176-1	1	Toe Guard, 96 OAW
	3190176-2		Toe Guard, 102 OAW
	3190176-3		Toe Guard, 96 OAW, 23" Walkramp Hook Spacing
	3190176-4		Toe Guard, 102 OAW, 23" Walkramp Hook Spacing
8	80001149	2	Roller Cartridge Assembly, Adjustable
9	3190155-1	2	Roller Cartridge Assembly, Fixed
10	7500064-1	2	1/2"-13 Hex Jam Nut
11	31900226-1	2	Line Clamp
12	75085161	4	1/4"-20 Nylon Lock Nut
13	1000101-1	2	Upper Lift Cylinder Pin
14	7500017-4	8	3/8-16 X 5/8 Hex Screw
15	75089569	2	Plug, Plastic, 7/8" Hole
16	7500010-11	10	3/8-16 x 5/8 Long, S.S. Hex Bolt
17	3190238	3	Switch Cover
18	1000101-3	6	Cartridge Pins
19	7500002-4	2	1/2-13 x 2-3/4 Long Flanged Hex Bolt
20	75088067	2	1/2" X 1-1/16 X .095" Thick Washer
21	3190178-1	1	Curb Side Hinge Plate Assembly
22	3190178-2	1	Driver Side Hinge Plate Assembly
23	10010181	2	.878" ID x 1.125 OD x .688 Long Polygon Bearing
24	7500007-4	4	3/8-16 x 3/4 Hex Socket Screw, Flat Head
25	3190171	2	Spring
26	7500055-1	4	1/4-20 x 3/4 Long Self Tapping Screw

ITEM	PART NUMBER	QTY	DESCRIPTION
27	3190131	2	Latch Bearing
28	75086874	4	1/4-20 X 5/8 Self Tapping Hex Head Screw
29	75088051	4	1/4" x 5/8"OD x .065" Thick Washer
30	75085161	4	1/4"-20 Lock Nut
31	3190275	2	Latch Cloth
32	7500007-2	4	1/4"-20 x 3/4" Long Flat Countersunk Head Screw
33	75088255	10	3/8" X 13/16" X .065" Thick Washer

NOTES:
 A. This PTM Latch and some other components are no longer available. See [PM-724B](#) and contact the Waltco Parts Department for further assistance.

“H” FRAME
 (Built 6-08 thru 1-09)



- Assembly Notes:**
1. Install with Rollers facing center of Column
 2. Use Non-Permanent Thread Locking Compound on threads.
 3. See page 4-7 of Owner's Manual for proper installation.
 4. Must order 4 of Item 26 with Item 7.

WALTCO LIFT CORP.
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 REV. 04

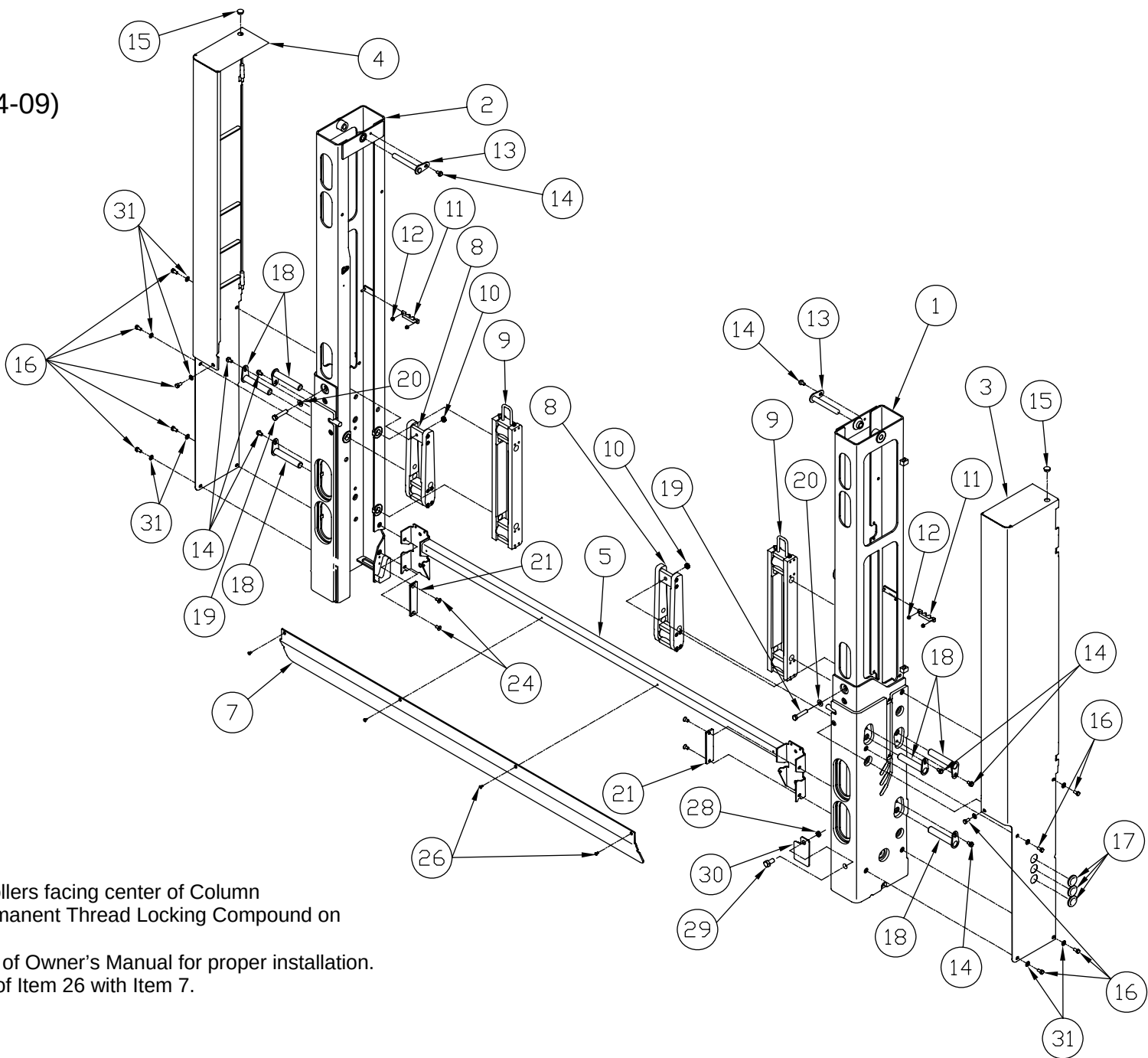
PM-724A

ITEM	PART NUMBER	QTY	DESCRIPTION
1	3190069-1	1	Curb Side Column Weldment
2	3190069-5	1	Driver Side Column Weldment
	3190069-9		Driver Side Column Weldment with Controls
3	3190154-1	1	Curb Side Upright Cover
4	3190154-2	1	Driver Side Upright Cover
5	3190186-1	1	Sill Extension, 96 OAW
	3190186-2		Sill Extension, 96 OAW, 23" Walkramp Hook Spacing
	3190186-3		Sill Extension, 102 OAW
	3190186-4		Sill Extension, 102 OAW, 23" Walkramp Hook Spacing
6	3190134-1 ^A	1	PTM Latch, 96 OAW
	3190134-2 ^A		PTM Latch, 102 OAW
7	3190176-1	1	Toe Guard, 96 OAW
	3190176-2		Toe Guard, 102 OAW
	3190176-3		Toe Guard, 96 OAW, 23" Walkramp Hook Spacing
	3190176-4		Toe Guard, 102 OAW, 23" Walkramp Hook Spacing
8	3190155-2	2	Roller Cartridge Assembly, Adjustable
9	3190155-1	2	Roller Cartridge Assembly, Fixed
10	7500064-1	2	1/2"-13 Hex Jam Nut
11	3190067-1	2	Line Clamp
12	75085161	4	1/4"-20 Nylon Lock Nut
13	1000101-1	2	Upper Lift Cylinder Pin
14	7500017-4	8	3/8-16 X 5/8 Hex Screw
15	75089569	2	Plug, Plastic, 7/8" Hole
16	7500010-11	10	3/8-16 x 5/8 Long, S.S. Hex Bolt
17	3190238	3	Switch Cover
18	1000101-3	6	Cartridge Pins
19	7500016-2	2	1/2-13 x 2-1/2 Long Hex Bolt
20	75088067	2	1/2" X 1-1/16 X .095" Thick Washer
21	3190178-1	1	Curb Side Hinge Plate Assembly
22	3190178-2	1	Driver Side Hinge Plate Assembly
23	10010181	2	.878" ID x 1.125 OD x .688 Long Polygon Bearing
24	7500007-4	4	3/8-16 x 7/8 Hex Socket Screw, Flat Head
25	3190171	2	Spring
26	7500004-2	4	1/4" x 3/4" Rivet, Steel

ITEM	PART NUMBER	QTY	DESCRIPTION
27	3190131	2	Latch Bearing
28	75086874	4	1/4-20 X 5/8 Self Tapping Hex Head Screw
29	75088051	4	1/4" x 5/8"OD x .065" Thick Washer
30	75085161	4	1/4"-20 Lock Nut
31	3190275	2	Latch Cover
32	7500007-2	4	1/4"-20 x 3/4" Long Flat Countersunk Head Screw
33	75088255	10	3/8" X 13/16" X .065" Thick Washer

- NOTES:**
- A. This PTM Latch and some other components are no longer available. See [PM-724B](#) and contact the Waltco Parts Department for further assistance.

"H" FRAME
 (Built 1-09 thru 4-09)



- Assembly Notes:
1. Install with Rollers facing center of Column
 2. Use Non-Permanent Thread Locking Compound on threads.
 3. See page 4-7 of Owner's Manual for proper installation.
 4. Must order 4 of Item 26 with Item 7.

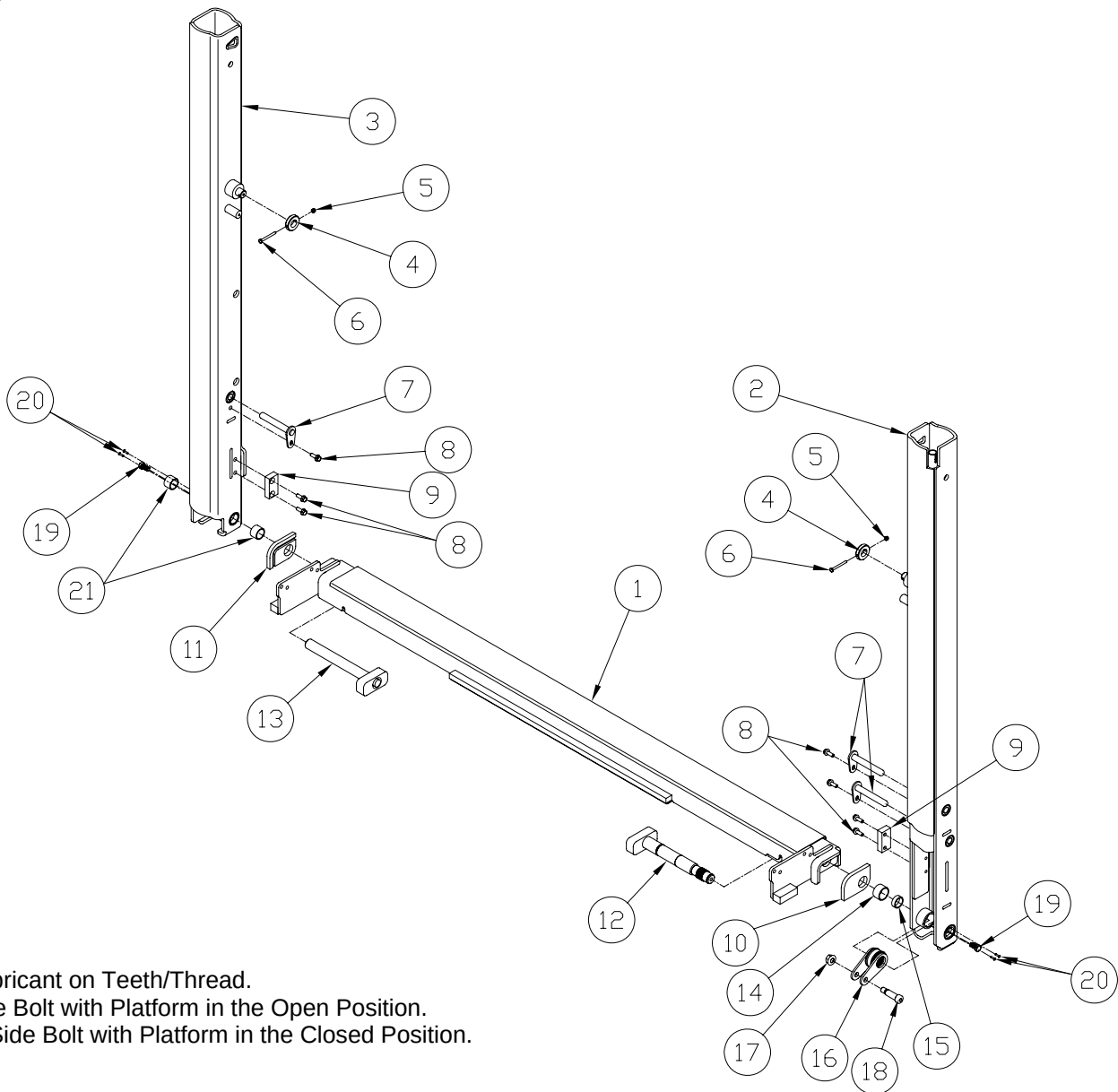
WALTCO LIFT CORP.
 WDL XT

REVISED: 2-25-09
 E.O. 5885GG
 REV. 01

PM-724B

ITEM	PART NUMBER	QTY	DESCRIPTION
1	3190069-1	1	Curb Side Column Weldment
2	3190069-5	1	Driver Side Column Weldment
	3190069-9		Driver Side Column Weldment with Controls
3	3190154-1	1	Curb Side Upright Cover
4	3190154-2	1	Driver Side Upright Cover
5	3190186-1	1	Sill Extension, 96 OAW
	3190186-2		Sill Extension, 96 OAW, 23" Walkramp Hook Spacing
	3190186-3		Sill Extension, 102 OAW
	3190186-4		Sill Extension, 102 OAW, 23" Walkramp Hook Spacing
7	3190176-1	1	Toe Guard, 96 OAW
	3190176-2		Toe Guard, 102 OAW
	3190176-3		Toe Guard, 96 OAW, 23" Walkramp Hook Spacing
	3190176-4		Toe Guard, 102 OAW, 23" Walkramp Hook Spacing
8	3190155-2	2	Roller Cartridge Assembly, Adjustable
9	3190155-1	2	Roller Cartridge Assembly, Fixed
10	7500064-1	2	1/2"-13 Hex Jam Nut
11	3190067-1	2	Line Clamp
12	75085161	4	1/4"-20 Nylon Lock Nut
13	1000101-1	2	Upper Lift Cylinder Pin
14	7500017-4	8	3/8-16 X 5/8 Hex Screw
15	75089569	2	Plug, Plastic, 7/8" Hole
16	7500010-11	10	3/8-16 x 5/8 Long, S.S. Hex Bolt
17	3190238	3	Switch Cover
18	1000101-3	6	Cartridge Pins
19	7500016-2	2	1/2-13 x 2-1/2 Long Hex Bolt
20	75088067	2	1/2" X 1-1/16 X .095" Thick Washer
21	3190296	2	Interface Plate, Sill Mounting
24	7500007-4	4	3/8-16 x 7/8 Hex Socket Screw, Flat Head
26	7500004-2	4	Rivet, 1/4" x 3/4"
28	75085198	1	Ramco nut, 3/4-16, grade 5, plated
29	75086193	1	Hex bolt, 3/4-16x2, gr 5, plated
30	3190294	1	Weldment, slide bar base plate
31	75088255	10	3/8" X 13/16" X .065" Thick Washer

RUNNERS & PIVOT TUBE
(Built 10-07 thru 4-09)



- Assembly Notes:
- 1. Use anti-seize lubricant on Teeth/Thread.
 - 2. Tighten Curb Side Bolt with Platform in the Open Position.
 - 3. Tighten Driver's Side Bolt with Platform in the Closed Position.

WALTCO LIFT CORP.
WDL XT

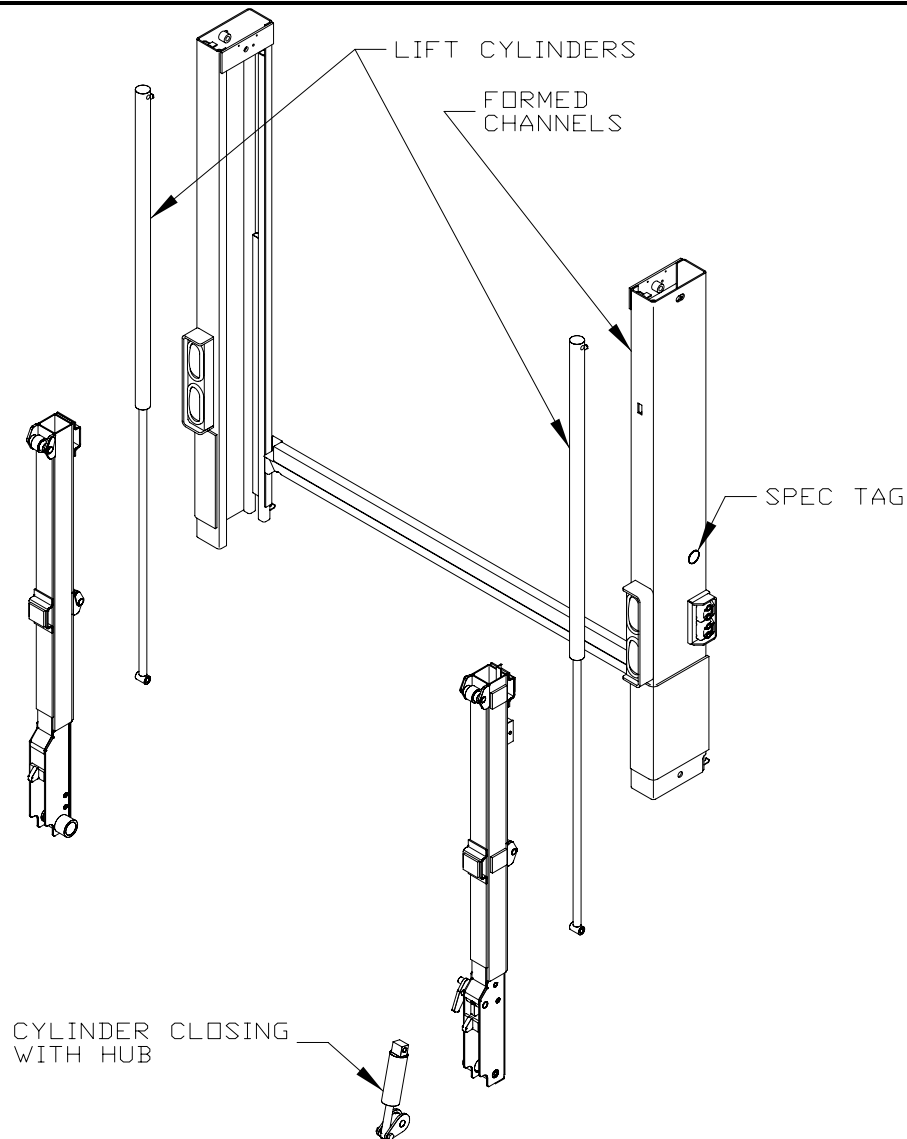
REVISED: 8-1-09
E.O. 6251
REV. 03

PM-722

ITEM	PART NUMBER	QTY	DESCRIPTION
1	3190085-1	1	Pivot Tube, 96 OAW
	3190085-2		Pivot Tube, 102 OAW
2	3190310-1	1	Curb Side Runner
3	3190315-1	1	Driver Side Runner
4	85803550-1	2	Linkage Retainer Collar
5	75085161	2	1/4"-20 Lock Nut
6	75086215	2	1/4"-20 x 2-1/2" Long Hex Bolt
7	1000101-2	3	Lower Cylinder Pin
8	7500017-3	7	3/8"-16 x 1" Long Hex Screw
9	3190187	2	Backstop Block
10	3190119-1	1	Curb Side Interface Bearing
11	3190119-2	1	Driver Side Interface Bearing
12	3190215	1	Curb Side Platform Pin
13	3190235	1	Driver Side Platform Pin
14	10010178	1	1-1/2 ID x 1-3/4 OD x 1" Lg Polygon Bearing
15	10010180	1	1-1/2 ID x 1-3/4 OD x .5" Lg Polygon Bearing
16	3190075	1	Closure Hub
17	7500001-1	1	Flanged Hex Nut, 1/2-13
18	7500019-1	1	Socket Head Shoulder Screw
19	7500010-2	2	Hex Bolt, 1/2-20 X 1
20	7500043-3	4	#8-32 x 1/2" Long Hex Socket Button Cap Screw
21	10010164	2	1-1/4 ID x 1-1/2 OD x 1" Lg Polygon Bearing

- Notes:
- A. Includes items 14, 8 and 9
 - B. Includes items 21, 8 and 9

WDL Value Line MAIN FRAME and RUNNER ASSEMBLY (Built from 3-08 thru 2-09)



Common Features

- Capacity: 3500, 4500, 5500, and 6600 pounds
- Cylinder closing with closure hub
- Dual lifting cylinders mounted vertically
- Formed channels for cylinders and runners
- Spec tag on rail
- Options available: Store Below Bed
- Manual Transit Latch

Standard (96" and 102")

PM-743

Built from 3-08 thru 2-09

Store Below (96" and 102")

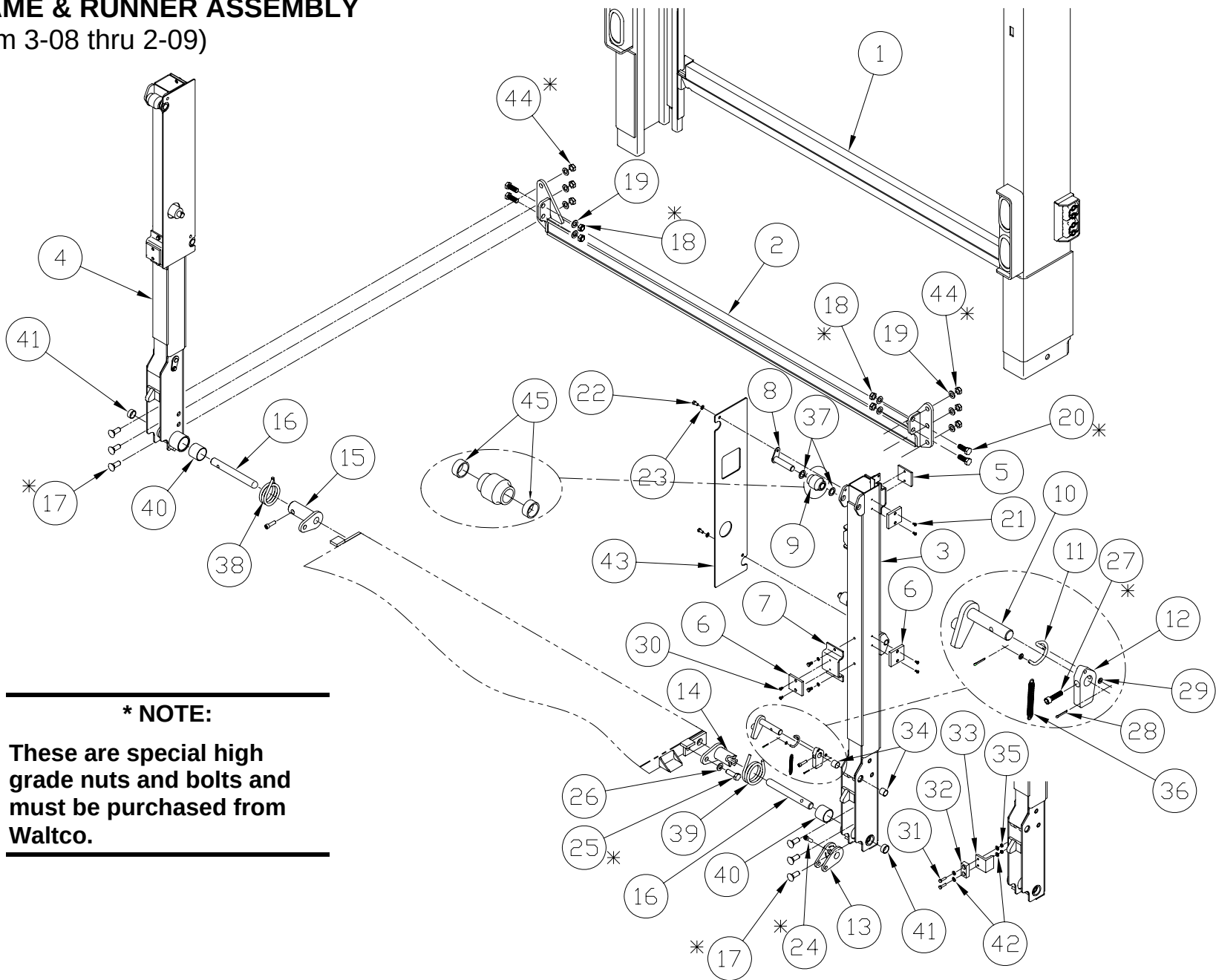
PM-744

Built from 3-08 thru 2-09

[Click here for list of liftgate serial numbers, organized by approximate ship dates.](#)

Rev. 01 8/10

“H” FRAME & RUNNER ASSEMBLY
 (Built from 3-08 thru 2-09)



*** NOTE:**
 These are special high grade nuts and bolts and must be purchased from Waltco.

WALTCO LIFT CORP.
WDL VALUE LINE SERIES

REVISED: 3-1-11
 E.O. 6469
 REV. 02

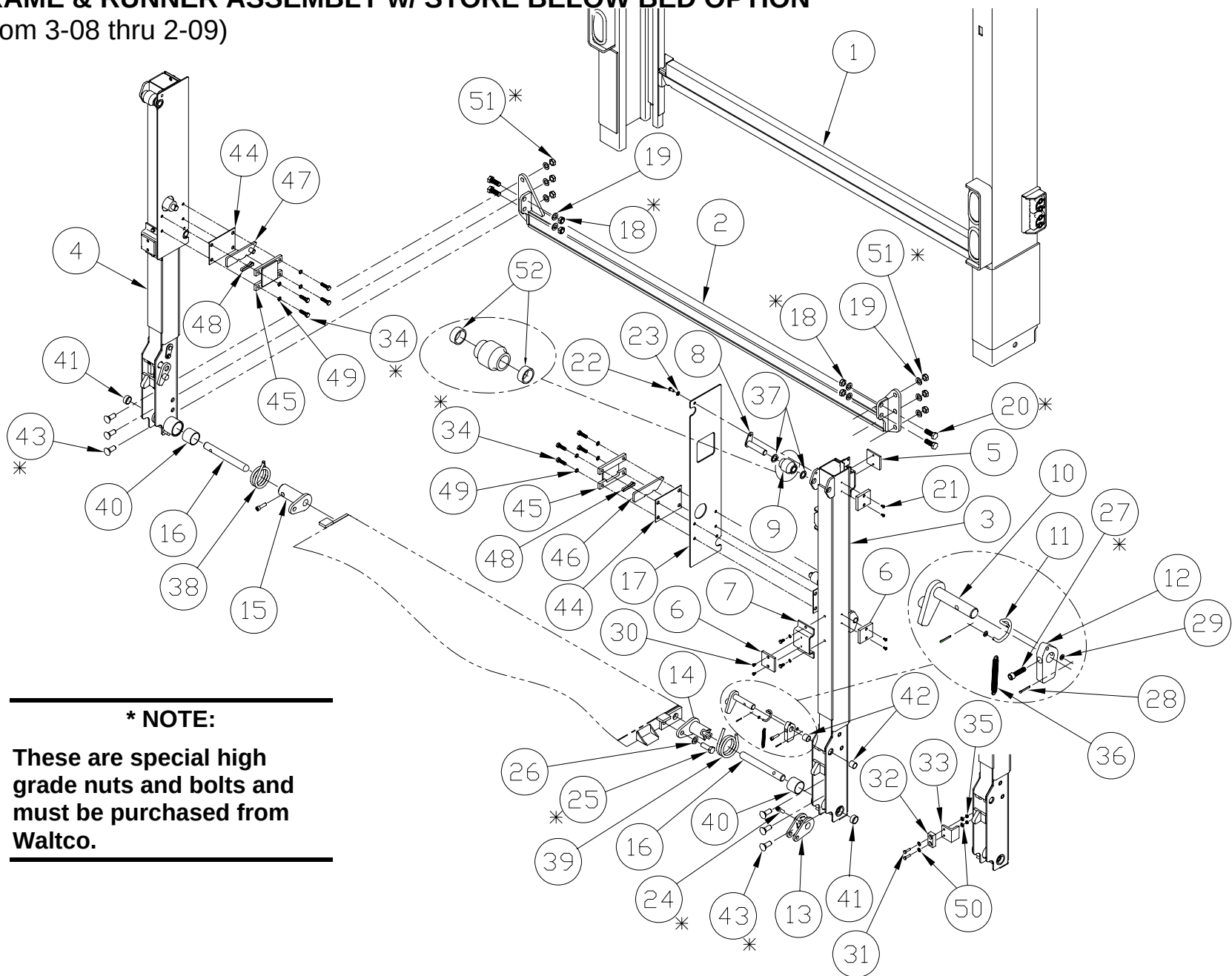
PM-743

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31320002	1	96" Main Frame Assembly
	32320002	1	102" Main Frame Assembly
2	31365001	1	96" Equalizer Beam
	32365001	1	102" Equalizer Beam
3	31430001	1	Curb Side Runner Assy (2 Pc. Break Even Platform)
	31330101	1	Curb Side Runner Assy (1 Pc. Platform Only)
4	31430051	1	Driver Side Runner Assembly (2 Pc. Break Even Platform)
	31330151	1	Driver Side Runner Assy (1 Pc. Platform Only)
5	85803328	2	Upper Runner Wear Pad
6	85803340	6	Side Runner Wear Pad
7	85803339	4	Wear Pad Mounting Channel
8	40439000 ^D	4	Roller Pin Assembly
9	40439500 ^D	4	Roller Assembly (includes Bearings)
10	31433501	1	Curb Side Transit Latch Assembly (2 Pc. Platform)
	31333501	1	Curb Side Transit Latch Assembly (1 Pc. Platform)
11	85803238	1	Curb Side Transit Latch Link
12	85803235	2	Transit Latch Arm
13	31451001 ^C	1	Curb Side Outer Hub Assembly
14	31451102 ^C	1	Curb Side Inner Closer Hub Assembly
15	31451301 ^C	1	Driver Side Hub Assembly
16	31411201 ^{AC}	2	Deck Pivot Pin
*17	75087500	6	3/4"-10 x 2" lg. Carriage Bolt, Grade 5
*18	75085198	4	3/4"-16 Locknut (Grade 5)
19	75088058	10	Flat Washer- 3/4" I.D. x 2" O.D.
*20	75086193	4	3/4"-16 x 2" Hex Head Bolt (Grade 5)
21	75086862	8	1/4"-20 x 3/8" Self Tapping Screw
22	75086055 ^{BD}	12	3/8"-16 x 3/4" Hex Head Screw
23	75088081 ^{BD}	12	3/8" Lock Washer
*24	85803465 ^{ABC}	2	1/2"-13 x 1-3/4" Socket Head Screw (Grade 8)
*25	75086232	2	3/4"-10 x 1-1/4" Hex Head Bolt (Grade 8)
26	75088087 ^C	2	3/4" Lock Washer
*27	85803237 ^B	1	3/8"-16 x 1-1/2" Socket Head Cap Screw (Grade 5)
28	75084053 ^B	2	3/32" x 1" Cotter Pin
29	75088051 ^B	2	Flat Washer- 1/4" I.D. x 5/8" O.D.

ITEM	PART NUMBER	QTY	DESCRIPTION
30	75086854	8	1/4"-20 x 5/8" Self Tapping Rd. Head Screw
31	75086007	2	1/4"-20 x 1-1/4" Hex Bolt (Grade 2)
32	31436801	1	Rubber Pad Deck Stop
33	31434601	1	Angle Deck Stop
34	10010167 ^B	2	1-1/8" O.D. x 1" I.D. x 1" lg. Bearing
35	75085161	2	1/4"-20 Nylon Locknut
36	37438902	1	Extension Spring
37	75088264 ^D	8	Washer Bronze
38	31437151	1	Torsion Spring Platform Opening Street Side
39	31437101	1	Torsion Spring Platform Opening Curb Side
40	10010165 ^{ABC}	2	2-1/2" O.D. x 2-1/4" I.D. x 2" Lg. Bearing
41	10010166 ^{ABC}	2	1-1/2" O.D. x 1-1/4" I.D. x 5/8" Lg. Bearing
42	75088060	4	Flat Washer- 1/4" I.D. x 3/4" O.D.
43	31437501	1	Curb Side Roller Guard Plate 2 Pc. Platform
	85803453	1	Driver Side Roller Guard Plate 2 Pc. Platform
	31337501	1	Curb Side Roller Guard Plate 1 Pc. Platform
	85803481	1	Driver Side Roller Guard Plate 1 Pc. Platform
*44	75085199	6	3/4"-10 Locknut (Grade 5)
45	10010140	8	1" ID x 1-1/4" OD x 1" lg. Bearing

^A Included in deck Pin Replacement Kit 80000914.
^B Included in Bearing Replacement Kit 80000945.
^C Included in Hub replacement Kit 80000955.
^D Included in Single Roller Kit 80000896 and Four Roller Kit (Complete liftgate) 80000897

“H” FRAME & RUNNER ASSEMBLY w/ STORE BELOW BED OPTION
 (Built from 3-08 thru 2-09)



* NOTE:
 These are special high grade nuts and bolts and must be purchased from Waltco.

WALTCO LIFT CORP.
 WDL VALU LINE SERIES

REVISED: 3-1-11
 E.O. 6469
 REV. 02

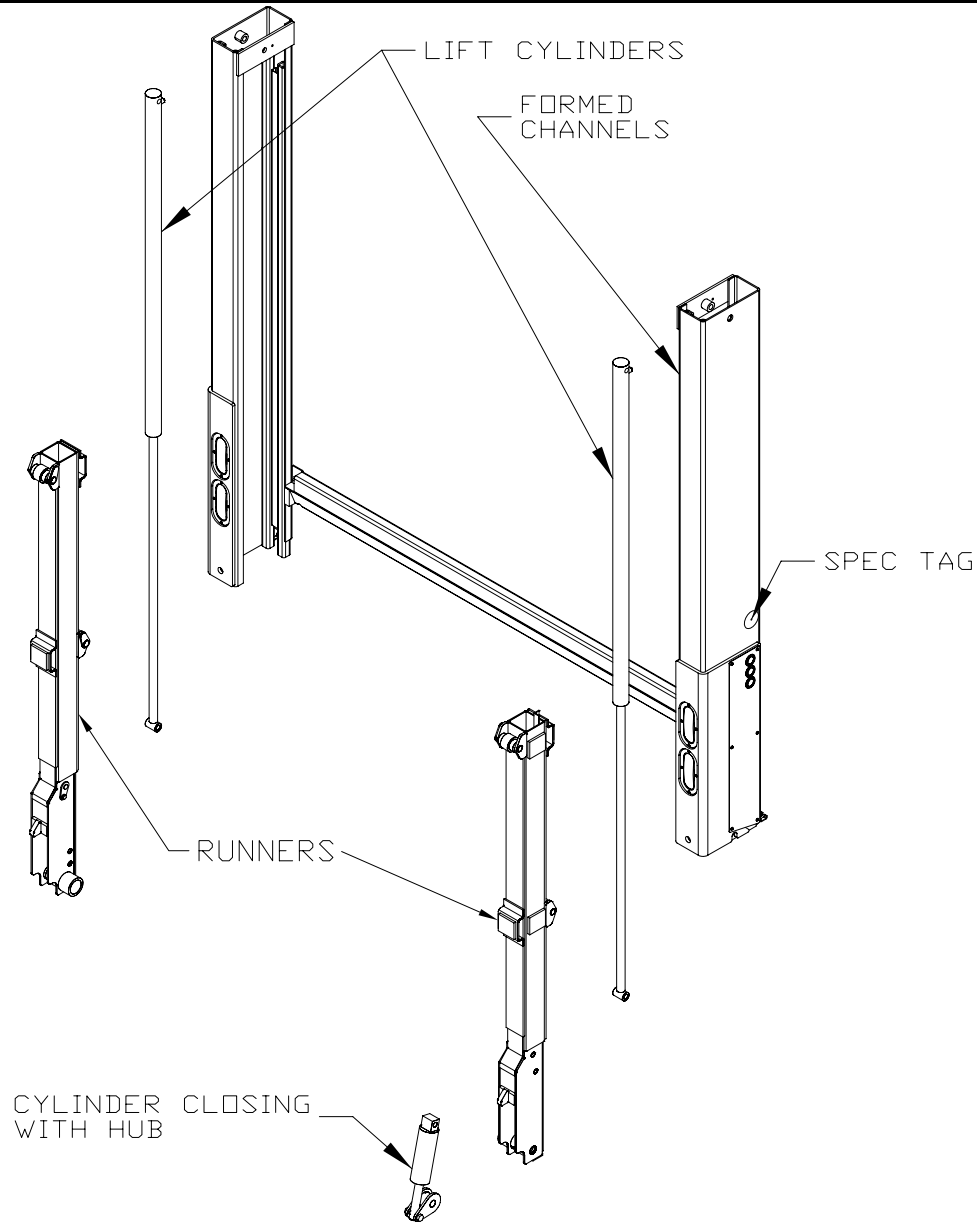
PM-744

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31320002	1	96" Main Frame Assembly
	32320002	1	102" Main Frame Assembly
2	31365001	1	96" Equalizer Beam
	32365001	1	102" Equalizer Beam
3	32430002	1	Curb Side Runner Assy w/Bottom Stops & Store Below Option
4	32430052	1	Street Side Runner Assy w/Bottom Stops & Store Below Option
5	85803328	2	Upper Runner Wear Pad
6	85803340	6	Side Runner Wear Pad
7	85803339	4	Wear Pad Mounting Channel
8	40439000 ^D	4	Roller Pin Assembly
9	40439500 ^D	4	Roller Assembly (includes Bearings)
10	31433501	1	Curb Side Transit Latch Assembly (2 Pc. Platform)
11	85803238	1	Curb Side Transit Latch Link
12	85803235	1	Transit Latch Arm
13	31451001 ^C	1	Curb Side Outer Hub Assembly
14	31451102 ^C	1	Curb Side Inner Closer Hub Assembly
15	31451301 ^C	1	Street Side Hub Assembly
16	31411201 ^{AC}	2	Deck Pivot Pin
17	32437502	1	Curb Side Roller Guard Plate
	32437552	1	Street Side Roller Guard Plate
*18	75085198	4	3/4"-16 Locknut (Grade 5)
19	75088058	10	Flat Washer- 3/4" I.D. x 2" O.D.
*20	75086193	4	3/4"-16 x 2" Hex Head Bolt (Grade 5)
21	75086862	8	1/4"-20 x 3/8" Self Tapping Screw
22	75086055 ^{BD}	12	3/8"-16 x 3/4" Hex Head Screw
23	75088081 ^{BD}	12	3/8" Lock Washer
*24	85803465 ^{ABC}	2	1/2"-13 x 1-3/4" Socket Head Screw (Grade 8)
*25	75086232	2	3/4-10 x 1-1/4" Hex Bolt (Gr8)
26	75088087 ^C	2	3/4" Lock Washer
*27	85803237 ^B	1	3/8"-16 x 1-1/2" Socket Head Cap Screw (Grade 5)
28	75084053 ^B	2	3/32" x 1" Cotter Pin
29	75088051 ^B	2	Flat Washer- 1/4" I.D. x 5/8" O.D.
30	75086854	8	1/4"-20 x 5/8" Self Tapping Rd. Head Screw
31	75086007	2	1/4"-20 x 1-1/4" Lg. Hex Bolt (Grade 2)
32	31436801	1	Rubber Pad Deck Stop
33	31434601	1	Angle Deck Stop
*34	85803594	8	1/2"-20 x 1-1/2" Hex head Bolt (Grade 5)
35	75085161	2	1/4"-20 Nylon Locknut

ITEM	PART NUMBER	QTY	DESCRIPTION
36	37438902	1	Extension Spring
37	75088264 ^D	8	Washer Bronze
38	31437151	1	Torsion Spring Platform Opening DS
39	31437101	1	Torsion Spring Platform Opening CS
40	10010165 ^{ABC}	2	2-1/2" O.D. x 2-1/4" I.D. x 2" Lg. Bearing
41	10010166 ^{ABC}	2	1-1/2" O.D. x 1-1/4" I.D. x 5/8" Lg. Bearing
42	10010167 ^B	4	1-1/8" O.D. x 1" I.D. x 1" Lg. Bearing
*43	75087500	6	3/4"-10 x 2" lg. Carriage Bolt, Grade 5
44	85803567	2	Spacer Plate
45	31457001	1	Store Below Lock Housing Assy
46	31457501	1	Curb Side Store Below Lock Slide Assy
47	31457551	2	Street Side Store Below Lock Slide Assy
48	85803579	2	Spring Store Below Detent
49	75088083	8	1/2" Lock Washer
50	75088060	4	Flat Washer- 1/4" I.D. x 3/4" O.D.
*51	75085199	6	3/4"-10 Locknut (Grade 5)
52	10010140	8	1" ID x 1-1/4" OD x 1" lg. Bearing

- ^A Included in Deck Pin Replacement Kit 80000914.
^B Included in Bearing Replacement Kit 80000945.
^C Included in Hub Replacement Kit 80000955.
^D Included in Single Roller Kit 80000896 and Four Roller Kit (Complete liftgate) 80000897

WDL (2009) MAIN FRAME and RUNNER ASSEMBLY (Built from 1-09 thru 4-09)



Common Features

- Capacity: 3500, 4500, 5500, and 6600 pounds
- Cylinder closing with closure hub
- Dual lifting cylinders mounted vertically
- Formed channels for cylinders and runners
- Spec tag on rail
- Options available: Store Below Bed
- Manual Latch

Standard (96" and 102")

PM-763

Built from 1-09 thru 4-09

Store Below (96" and 102")

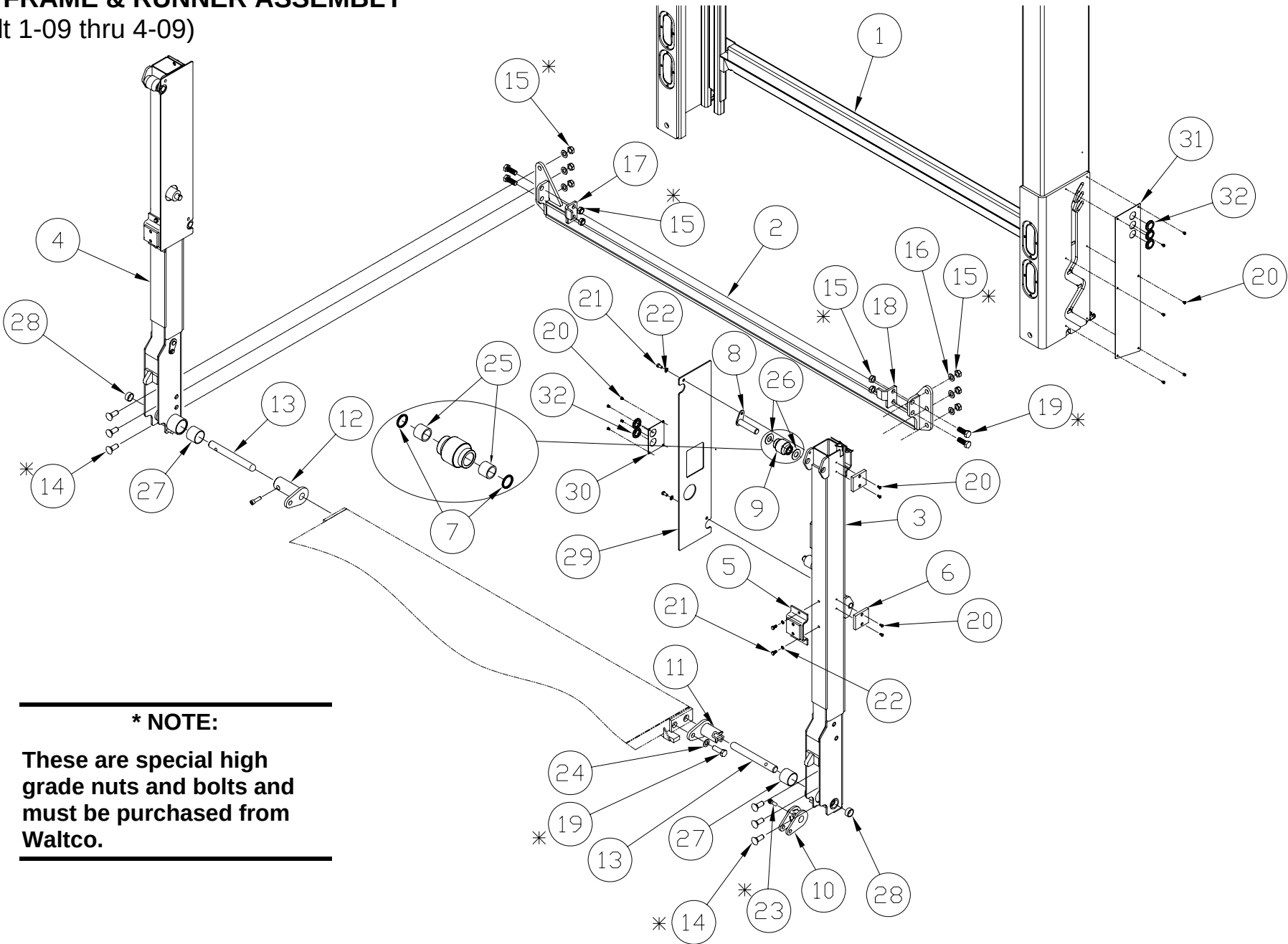
PM-764

Built from 1-09 thru 4-09

[Click here for list of liftgate serial numbers, organized by approximate ship dates.](#)

Rev. 05 8/10

"H" FRAME & RUNNER ASSEMBLY
 (Built 1-09 thru 4-09)



WALTCO LIFT CORP.
WDL (2009)

REVISED: 1-30-09
 E.O. 6095E
 REV. 01

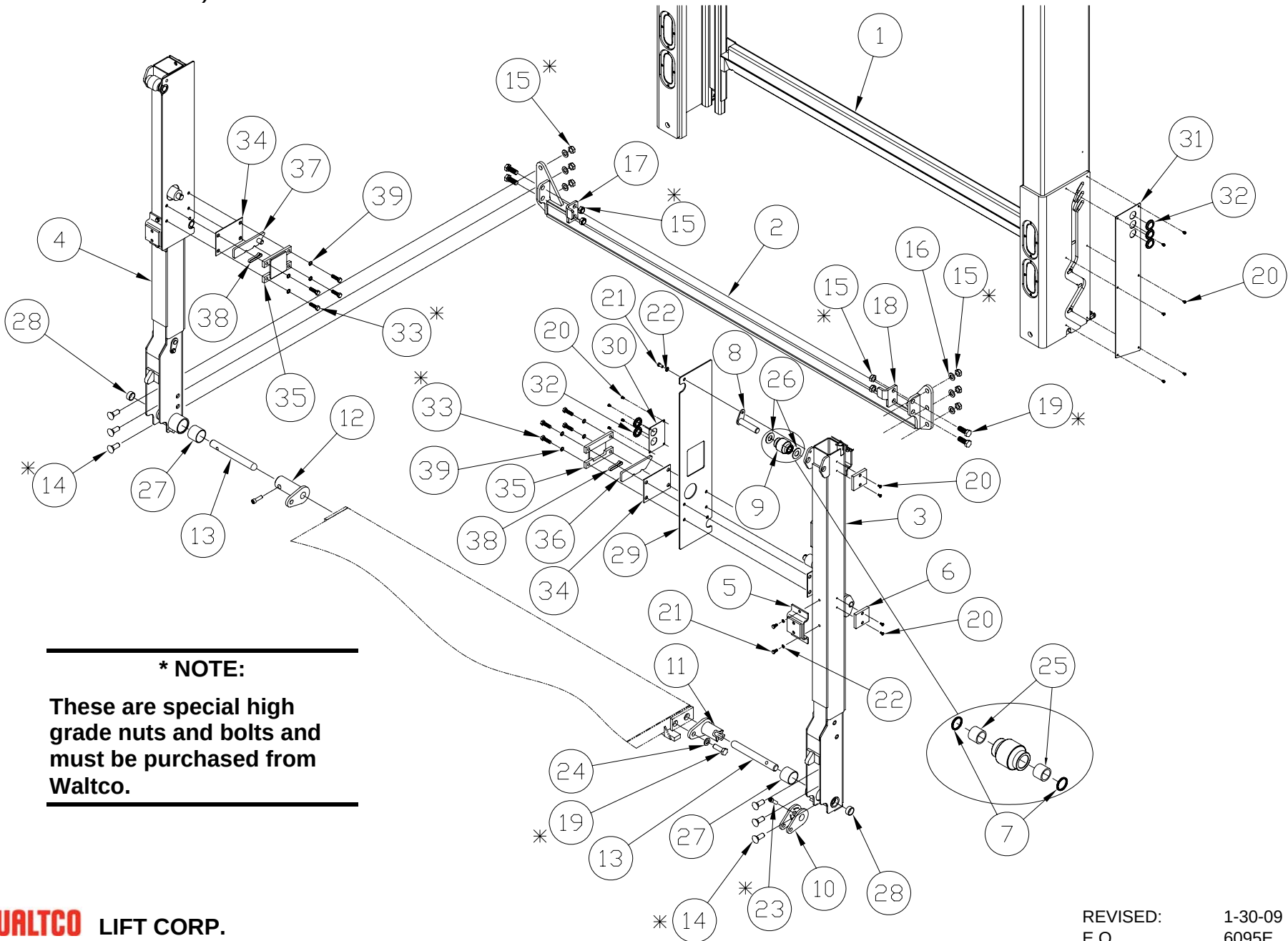
PM-763

ITEM	PART NUMBER	QTY	DESCRIPTION
1	40420000-1	1	96" Main Frame Assembly
	40420000-2	1	102" Main Frame Assembly
2	31365001	1	96" Equalizer Beam
	32365001	1	102" Equalizer Beam
3	40435000	1	Curb Side Runner Assy (2 Pc. Break Even Platform)
	40335000	1	Curb Side Runner Assy (1 Pc. Platform Only)
4	40435050	1	Driver Side Runner Assembly (2 Pc. Break Even Platform)
	40335050	1	Driver Side Runner Assy (1 Pc. Platform Only)
5	40439900 ^E	4	Wear Pad Bracket Sub-Assembly
6	85803340	4	Side Runner Wear Pad
7	40439700	8	Seal, Roller
8	40439000 ^D	4	Roller Pin Assembly
9	40439500 ^D	4	Roller Assembly (includes Bearings & Seals)
10	31451001 ^C	1	Curb Side Outer Hub Assembly
11	31451102 ^C	1	Curb Side Inner Closer Hub Assembly
12	31451301 ^C	1	Driver Side Hub Assembly
13	31411201 ^{AC}	2	Deck Pivot Pin
*14	75087500	6	3/4"-10 x 2" lg. Carriage Bolt, Grade 5
*15	75085199	10	3/4"-10 Locknut (Grade 5)
16	75088058	6	Flat Washer- 3/4" I.D. x 2" O.D.
17	40433850	1	Deck Fold Stop, DS
18	40433800	1	Deck Fold Stop, CS
*19	75086182	6	3/4"-16 x 2" Hex Head Bolt (Grade 5)
20	7500087-2	18	Button Head Socket Cap Screw, 1/4"-20 x 3/8"
21	75086055 ^{BDE}	12	3/8"-16 x 3/4" Hex Head Screw
22	75088081 ^{BDE}	12	3/8" Lock Washer
*23	85803465 ^{ABC}	2	1/2"-13 x 1-3/4" Socket Head Screw (Grade 8)
24	75088087 ^C	2	3/4" Lock Washer
25	10010140	8	1" ID x 1-1/4" OD x 1" lg. Bearing
26	75088264 ^D	8	Washer Bronze
27	10010165 ^{ABC}	2	2-1/2" O.D. x 2-1/4" I.D. x 2" Lg. Bearing
28	10010166 ^{ABC}	2	1-1/2" O.D. x 1-1/4" I.D. x 5/8" Lg. Bearing

ITEM	PART NUMBER	QTY	DESCRIPTION
29	40437500	1	Curb Side Roller Guard Plate 2 Pc. Platform
	85803453	1	Driver Side Roller Guard Plate 2 Pc. Platform
	40337500	1	Curb Side Roller Guard Plate 1 Pc. Platform
	85803481	1	Driver Side Roller Guard Plate 1 Pc. Platform
30	40437100	1	Inside Switch Cover Plate
31	40427100	1	Outer Switch Cover Plate
32	3190238	5	Switch Cover Grommet

- ^A Included in deck Pin Replacement Kit 80000914.
^B Included in Bearing Replacement Kit 80001241.
^C Included in Hub Replacement Kit 80000955.
^D Included in Single Roller Kit 80000896 and Four Roller Kit (Complete liftgate) 80000897
^E Included in Wear Pad Replacement Kit 80001244.

“H” FRAME & RUNNER ASSEMBLY w/ STORE BELOW OPTION
 (Built 1-09 thru 4-09)



WALTCO LIFT CORP.
 WDL (2009)

REVISED: 1-30-09
 E.O. 6095E
 REV. 01

PM-764

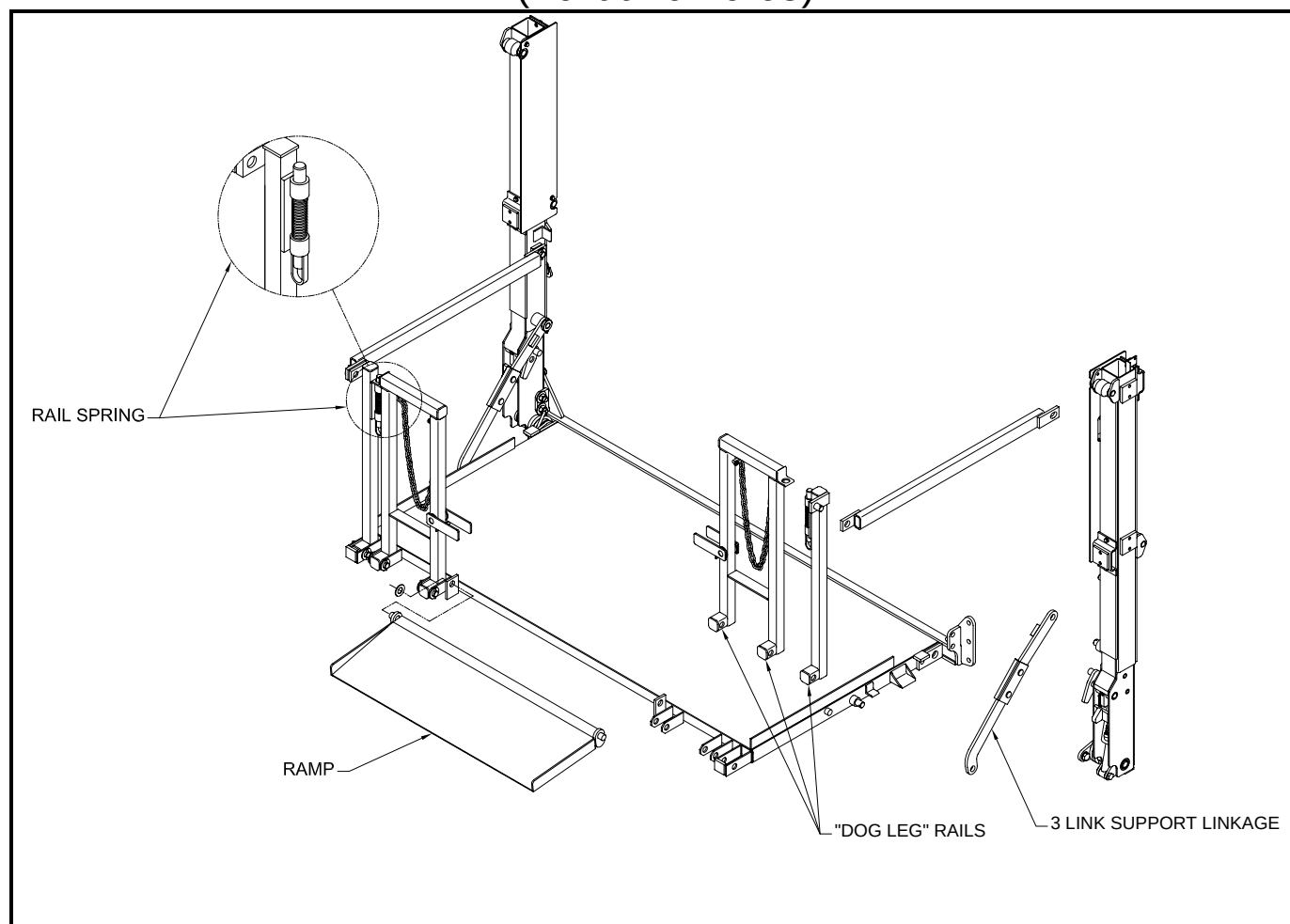
ITEM	PART NUMBER	QTY	DESCRIPTION
1	40420000-1	1	96" Main Frame Assembly
	40420000-2	1	102" Main Frame Assembly
2	31365001	1	96" Equalizer Beam
	32365001	1	102" Equalizer Beam
3	40535000	1	Curb Side Runner Assy (2 Pc. Break Even Platform)
4	40535050	1	Driver Side Runner Assembly (2 Pc. Break Even Platform)
5	40439900 ^E	4	Wear Pad Bracket Sub-Assembly
6	85803340	4	Side Runner Wear Pad
7	40439700	8	Seal, Roller
8	40439000 ^D	4	Roller Pin Assembly
9	40439500 ^D	4	Roller Assembly (includes Bearings & Seals)
10	31451001 ^C	1	Curb Side Outer Hub Assembly
11	31451102 ^C	1	Curb Side Inner Closer Hub Assembly
12	31451301 ^C	1	Driver Side Hub Assembly
13	31411201 ^{AC}	2	Deck Pivot Pin
*14	75087500	6	3/4"-10 x 2" lg. Carriage Bolt, Grade 5
*15	75085199	10	3/4"-10 Locknut (Grade 5)
16	75088058	6	Flat Washer- 3/4" I.D. x 2" O.D.
17	40433850	1	Deck Fold Stop, DS
18	40433800	1	Deck Fold Stop, CS
*19	75086182	6	3/4"-16 x 2" Hex Head Bolt (Grade 5)
20	7500087-2	18	Button Head Socket Cap Screw, 1/4"-20 x 3/8"
21	75086055 ^{BDE}	12	3/8"-16 x 3/4" Hex Head Screw
22	75088081 ^{BDE}	12	3/8" Lock Washer
*23	85803465 ^{ABC}	2	1/2"-13 x 1-3/4" Socket Head Screw (Grade 8)
24	75088087 ^C	2	3/4" Lock Washer
25	10010140	8	1" ID x 1-1/4" OD x 1" lg. Bearing
26	75088264 ^D	8	Washer Bronze
27	10010165 ^{ABC}	2	2-1/2" O.D. x 2-1/4" I.D. x 2" Lg. Bearing
28	10010166 ^{ABC}	2	1-1/2" O.D. x 1-1/4" I.D. x 5/8" Lg. Bearing
29	40537500	1	Curb Side Roller Guard Plate
	32437552	1	Driver Side Roller Guard Plate
30	40437100	1	Inside Switch Cover Plate
31	40427100	1	Outer Switch Cover Plate
32	3190238	5	Switch Cover Grommet
33	85803594	8	1/2"-20 x 1-1/2" Hex Head Bolt (Grade 5)
34	85803567	2	Spacer Plate

ITEM	PART NUMBER	QTY	DESCRIPTION
35	31457001	2	Store Below Lock Housing Assy
36	31457501	1	Curb Side Store Below Lock Slide Assy
37	31457551	1	Driver Side Store Below Lock Slide Assy
38	85803579	2	Spring Store Below Detent
39	75088083	8	1/2" Lock Washer

- A Included in deck Pin Replacement Kit 80000914.
 B Included in Bearing Replacement Kit 80001241.
 C Included in Hub Replacement Kit 80000955.
 D Included in Single Roller Kit 80000896 and Four Roller Kit (Complete liftgate) 80000897
 E Included in Wear Pad Replacement Kit 80001244.

WDLBG PLATFORM / RUNNERS (BOTTLED GAS)

(Built thru 10-05)



Common Features

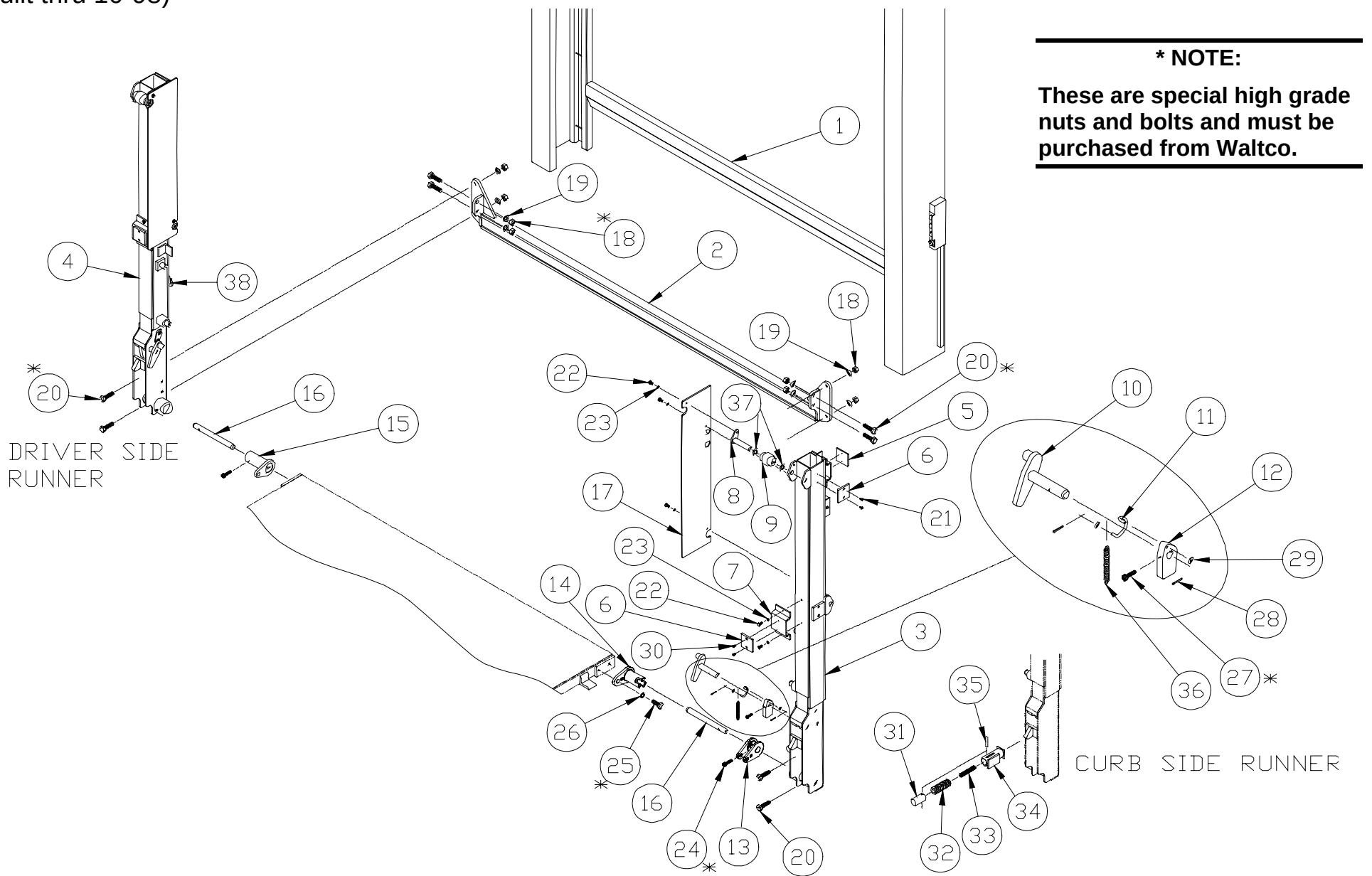
- Retention cage
- Ramp (16 x 45)
- Chain support
- ◆ Rail spring & "dog leg" rails on fold down retention
- ◆ Only built after 11/95
- ◆ Not available with Bottom Stops or Store Below Options

RUNNERS	PLATFORMS & LINKAGE	
WDLBG PM-301 Built thru 10/98 PM-486 Built from 10/98 thru 1/02 PM-486A Built from 1/02	WDLBG Standard Rails PM-303 Built thru 10/98 PM-488 Built from 10/98	WDLBG Fold Down Rails PM-302 Built thru 10/98 PM-487 Built from 10/98

80101059 Rev. 02 8-10

[Click here for a list of liftgate serial numbers, organized by approximate ship dates](#)

MAIN FRAME & RUNNER ASSEMBLY
(Built thru 10-98)



WALTCO LIFT CORP.
WDLBG SERIES

REVISED: 3-1-11
E.O. 6469
REV. 08

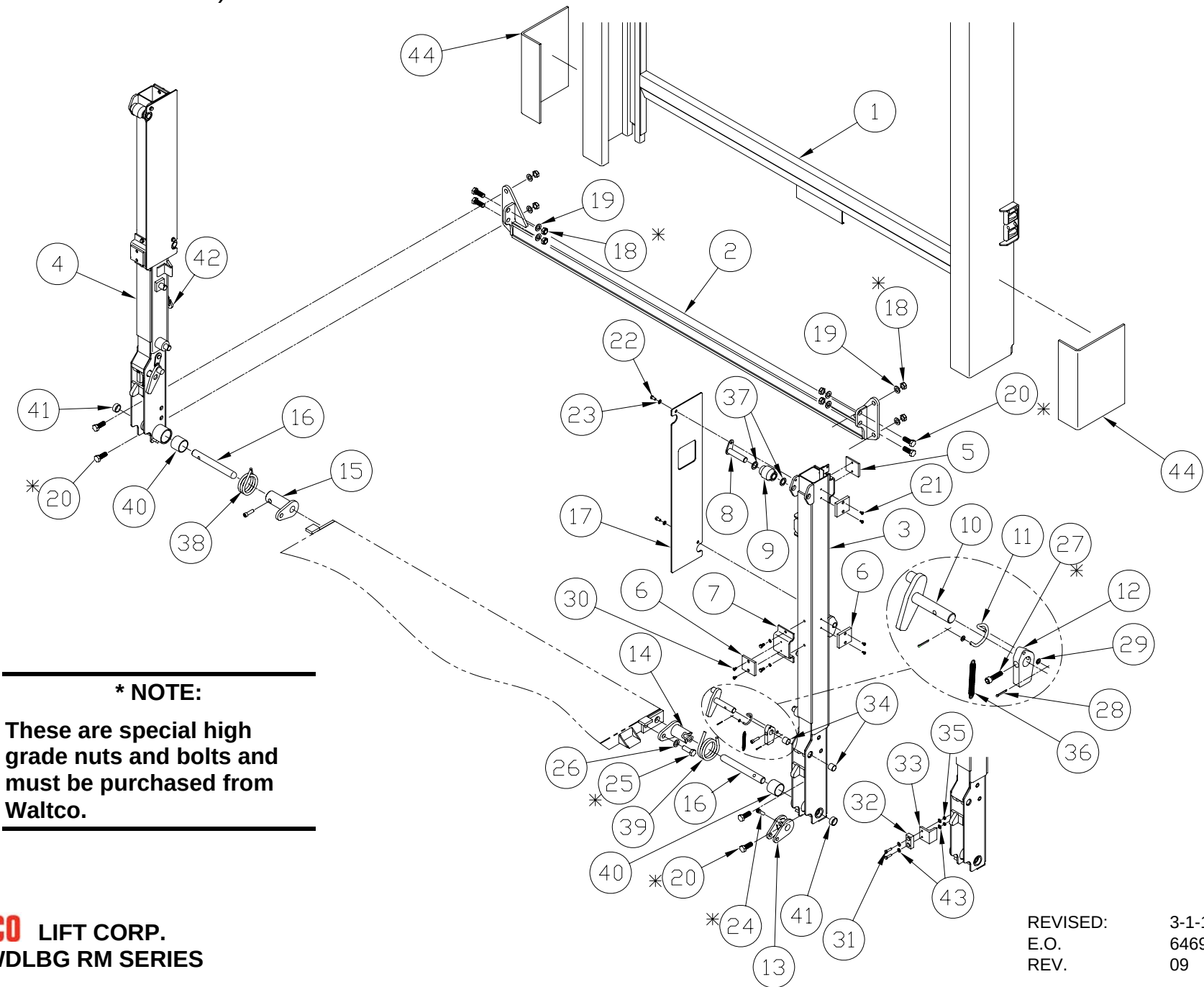
PM-301

ITEM	PART NUMBER	QTY	DESCRIPTION
1	85803200	1	102" Main Frame Assembly
	85803217	1	96" Main Frame Assembly
2	85803301	1	102" Equalizer Beam
	85803386	1	96" Equalizer Beam
3	31235001	1	Curb Side Runner Assy
4	31235051	1	Driver Side Runner Assembly
5	85803328	2	Upper Runner Wear Pad
6	85803340	6	Side Runner Wear Pad
7	85803339	4	Wear Pad Mounting Channel
8	40439000 ^B	4	Roller Pin Assembly
9	40439500 ^B	4	Roller Assembly
10	85803250	1	Curb Side Transit Latch Assembly
	85803251	1	Driver Side Transit Latch Assembly
11	85803238	1	Curb Side Transit Latch Link
	85803233	1	Driver Side Transit Latch Link
12	85803235	1	Transit Latch Arm
13	31451001	1	Curb Side Outer Hub Assembly
14	31451101	1	Curb Side Inner Closer Hub Assembly
15	85803358	1	Driver Side Hub Assembly
16	85803129 ^A	2	Deck Pivot Pin Assembly w/ Grease Fitting
17	85803480	1	Curb Side Roller Guard Plate
	85803481	1	Driver Side Roller Guard Plate
*18	75085198	8	3/4"-16 Locknut (Grade 5)
19	75088058	8	3/4" Plain Washer
*20	75086193	8	3/4"-16 X 2" Hex Head Bolt (Grade 5)
21	85803726	8	1/4"-20 X 3/8" Round Head Screw
22	75086055 ^B	13	3/8"-16 X 3/4" Hex Head Screw
23	75088081 ^B	13	3/8" Lock Washer
*24	85803465 ^A	2	1/2"-13 X 1-3/4" Socket Head Screw (Grade 8)
*25	75086232	2	3/4"-10 X 1-1/4" Hex Head Bolt (Grade 8)
26	75088087	2	3/4" Lock Washer
*27	85803237	2	3/8"-16 X 1-1/2" Socket Head Cap Screw (Grade 5)
28	75084053	4	3/32" X 1" Cotter Pin
29	75088051	4	1/4" Plain Washer
30	75086854	8	1/4"-20 X 3/4" Self Tapping Rd. Head Screw

ITEM	PART NUMBER	QTY	DESCRIPTION
31	85803521	1	Pusher Pin
32	85803522	1	Outer Pusher Spring
33	85803539	1	Inner Pusher Spring
34	85803520	1	Pusher Pin Housing
35	75089544	1	3/8" X 2-1/4" Coiled Pin
36	37438902	2	Extension Spring
37	75088264 ^B	8	Washer Bronze

^A Included in Deck Pin Replacement Kit 80000913
^B Included in Single Roller Kit 80000896 and Four Roller Kit (Complete liftgate) 80000897

MAIN FRAME & RUNNER ASSEMBLY
(Built from 10-98 thru 1-02)



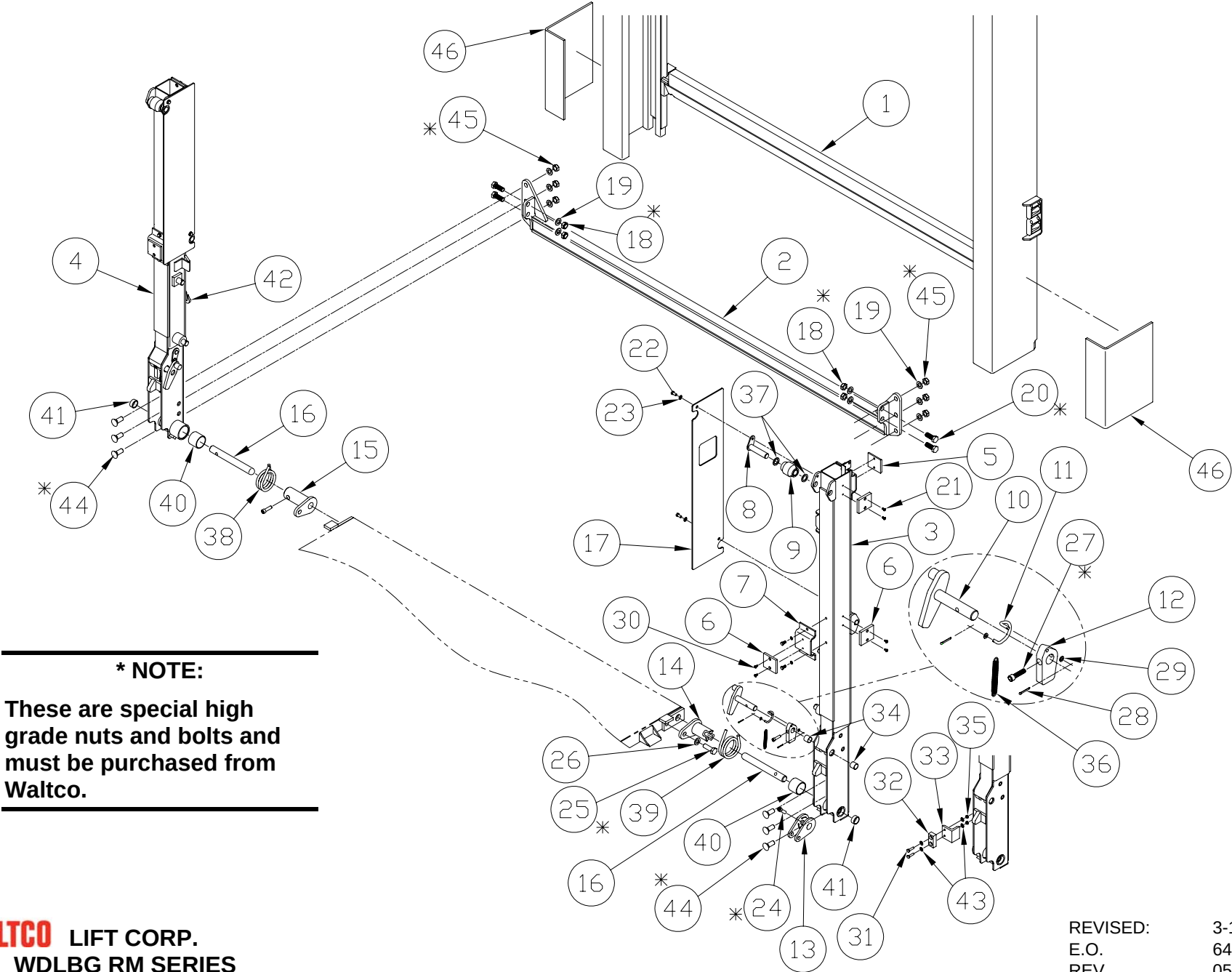
WALTCO LIFT CORP.
WDLBG RM SERIES

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31320001	1	96" Main Frame Assembly
	32320001	1	102" Main Frame Assembly
2	85803301	1	102" Equalizer Beam
	85803386	1	96" Equalizer Beam
3	31230001	1	Curb Side Runner Assy (2 Pc. Break Even Platform)
4	31230051	1	Driver Side Runner Assembly(2 Pc. Break Even Platform)
5	85803328	2	Upper Runner Wear Pad
6	85803340	6	Side Runner Wear Pad
7	85803339	4	Wear Pad Mounting Channel
8	40439000 ^D	4	Roller Pin Assembly
9	40439500 ^D	4	Roller Assembly
10	31333501	1	Curb Side Transit Latch Assembly (1 Pc. Platform)
	31333551	1	Driver Side Transit Latch Assembly (1 Pc. Platform)
11	85803238	1	Curb Side Transit Latch Link
	85803233	1	Driver Side Transit Latch Link
12	85803235	1	Transit Latch Arm
13	31451001 ^C	1	Curb Side Outer Hub Assembly
14	31451102 ^C	1	Curb Side Inner Closer Hub Assembly
15	31451301 ^C	1	Driver Side Hub Assembly
16	31411201 ^{AC}	2	Deck Pivot Pin
17	31337501	1	Curb Side Roller Guard Plate 1 Pc. Platform
	85803481	1	Driver Side Roller Guard Plate 1 Pc. Platform
*18	75085198	8	3/4"-16 Locknut (Grade 5)
19	75088058	8	Flat Washer- 3/4" I.D. x 2" O.D.
*20	75086193	8	3/4"-16 x 2" Hex Head Bolt (Grade 5)
21	75086862	8	1/4"-20 x 1/2" Self Tapping Screw
22	75086055 ^{BD}	12	3/8"-16 x 3/4" Hex Head Screw
23	75088081 ^{BD}	12	3/8" Lock Washer
*24	85803465 ^{ABC}	2	1/2"-13 x 1-3/4" Socket Head Screw (Grade 8)
*25	75086232	2	3/4"-10 x 1-1/4" Hex Head Bolt (Grade 8)
26	75088087 ^C	2	3/4" Lock Washer

ITEM	PART NUMBER	QTY	DESCRIPTION
*27	85803237 ^B	2	3/8"-16 x 1-1/2" Socket Head Cap Screw (Grade 5)
28	75084053 ^B	4	3/32" x 1" Cotter Pin
29	75088051 ^B	2	Flat Washer- 1/4" I.D. x 5/8" O.D.
30	75086854	8	1/4"-20 x 5/8" Self Tapping Rd. Head Screw
31	75086007	2	1/4"-20 x 1-1/4" Hex Bolt (Grade 2)
32	31436801	1	Rubber Pad Deck Stop
33	31434601	1	Angle Deck Stop
34	10010167 ^B	4	1-1/8" O.D. x 1" I.D. x 1" Lg. Bearing
35	75085161	2	1/4"-20 Nylon Locknut
36	37438902	2	Extension Spring
37	75088264 ^D	8	Washer Bronze
38	31437151	1	Torsion Spring Platform Opening Street Side
39	31437101	1	Torsion Spring Platform Opening Curb Side
40	10010165 ^{ABC}	2	2-1/2" O.D. x 2-1/4" I.D. x 2" Lg. Bearing
41	10010166 ^{ABC}	2	1-1/2" O.D. x 1-1/4" I.D. x 5/8" Lg. Bearing
42	75089361	2	Chain Hook
43	75088060	4	Flat Washer- 1/4" I.D. x 3/4" O.D.
44	31696000 ^E	2	Rail Stiffener (Optional)

^A Included in Deck Pin Replacement Kit 80000914.
^B Included in Bearing Replacement Kit 80000945.
^C Included in Hub replacement Kit 80000955.
^D Included in Single Roller Kit 80000896 and Four Roller Kit (Complete liftgate) 80000897
^E Included in Rail Stiffener Kit 80000841

MAIN FRAME & RUNNER ASSEMBLY
(Built from 1-02 thru 10-05)



* NOTE:

These are special high grade nuts and bolts and must be purchased from Waltco.

WALTCO LIFT CORP.
WDLBG RM SERIES

REVISED: 3-1-11
E.O. 6469
REV. 05

PM-486A

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31320002	1	96" Main Frame Assembly
	32320002	1	102" Main Frame Assembly
2	32365001	1	102" Equalizer Beam
	31365001	1	96" Equalizer Beam
3	31230001	1	Curb Side Runner Assy (Bottled Gas)
4	31230051	1	Driver Side Runner Assy (Bottled Gas)
5	85803328	2	Upper Runner Wear Pad
6	85803340	6	Side Runner Wear Pad
7	85803339	4	Wear Pad Mounting Channel
8	40439000 ^D	4	Roller Pin Assembly
9	40439500 ^D	4	Roller Assembly (includes Bearings)
10	31333501	1	Curb Side Transit Latch Assembly (1 Pc. Platform)
	31333551	1	Driver Side Transit Latch Assembly (1 Pc. Platform)
11	85803238	1	Curb Side Transit Latch Link
	85803233	1	Driver Side Transit Latch Link
12	85803235	1	Transit Latch Arm
13	31451001 ^C	1	Curb Side Outer Hub Assembly
14	31451102 ^C	1	Curb Side Inner Closer Hub Assembly
15	31451301 ^C	1	Driver Side Hub Assembly
16	31411201 ^{AC}	2	Deck Pivot Pin
17	31337501	1	Curb Side Roller Guard Plate 1 Pc. Platform
	85803481	1	Driver Side Roller Guard Plate 1 Pc. Platform
*18	75085198	4	3/4"-16 Locknut (Grade 5)
19	75088058	10	Flat Washer- 3/4" I.D. x 2" O.D.
*20	75086193	4	3/4"-16 x 2" Hex Head Bolt (Grade 5)
21	75086862	8	1/4"-20 x 1/2" Self Tapping Screw
22	75086055 ^{BD}	12	3/8"-16 x 3/4" Hex Head Screw
23	75088081 ^{BD}	12	3/8" Lock Washer
*24	85803465 ^{ABC}	2	1/2"-13 x 1-3/4" Socket Head Screw (Grade 8)
*25	75086232	2	3/4"-10 x 1-1/4" Hex Head Bolt (Grade 8)
26	75088087 ^C	2	3/4" Lock Washer
*27	85803237 ^B	2	3/8"-16 x 1-1/2" Socket Head Cap Screw (Grade 5)
28	75084053 ^B	4	3/32" x 1" Cotter Pin

ITEM	PART NUMBER	QTY	DESCRIPTION
29	75088051 ^B	2	Flat Washer- 1/4" I.D. x 5/8" O.D.
30	75086854	8	1/4"-20 x 5/8" Self Tapping Rd. Head Screw
31	75086007	2	1/4"-20 x 1-1/4" Hex Bolt (Grade 2)
32	31436801	1	Rubber Pad Deck Stop
33	31434601	1	Angle Deck Stop
34	10010167 ^B	4	1-1/8" O.D. x 1" I.D. x 1" Lg. Bearing
35	75085161	2	1/4"-20 Nylon Locknut
36	37438902	2	Extension Spring
37	75088264 ^D	8	Washer Bronze
38	31437151	1	Torsion Spring Platform Opening Street Side
39	31437101	1	Torsion Spring Platform Opening Curb Side
40	10010165 ^{ABC}	2	2-1/2" O.D. x 2-1/4" I.D. x 2" Lg. Bearing
41	10010166 ^{ABC}	2	1-1/2" O.D. x 1-1/4" I.D. x 5/8" Lg. Bearing
42	75089361	2	Chain Hook
43	75088060	4	Flat Washer- 1/4" I.D. x 3/4" O.D.
*44	75087500	6	3/4"-10 x 2" Lg. Carriage Bolt (Grade 5)
*45	75085199	6	3/4"-10 Locknut (Grade 5)
46	31696000 ^E	2	Rail Stiffener (Optional)

A Included in Deck Pin Replacement Kit 80000914.

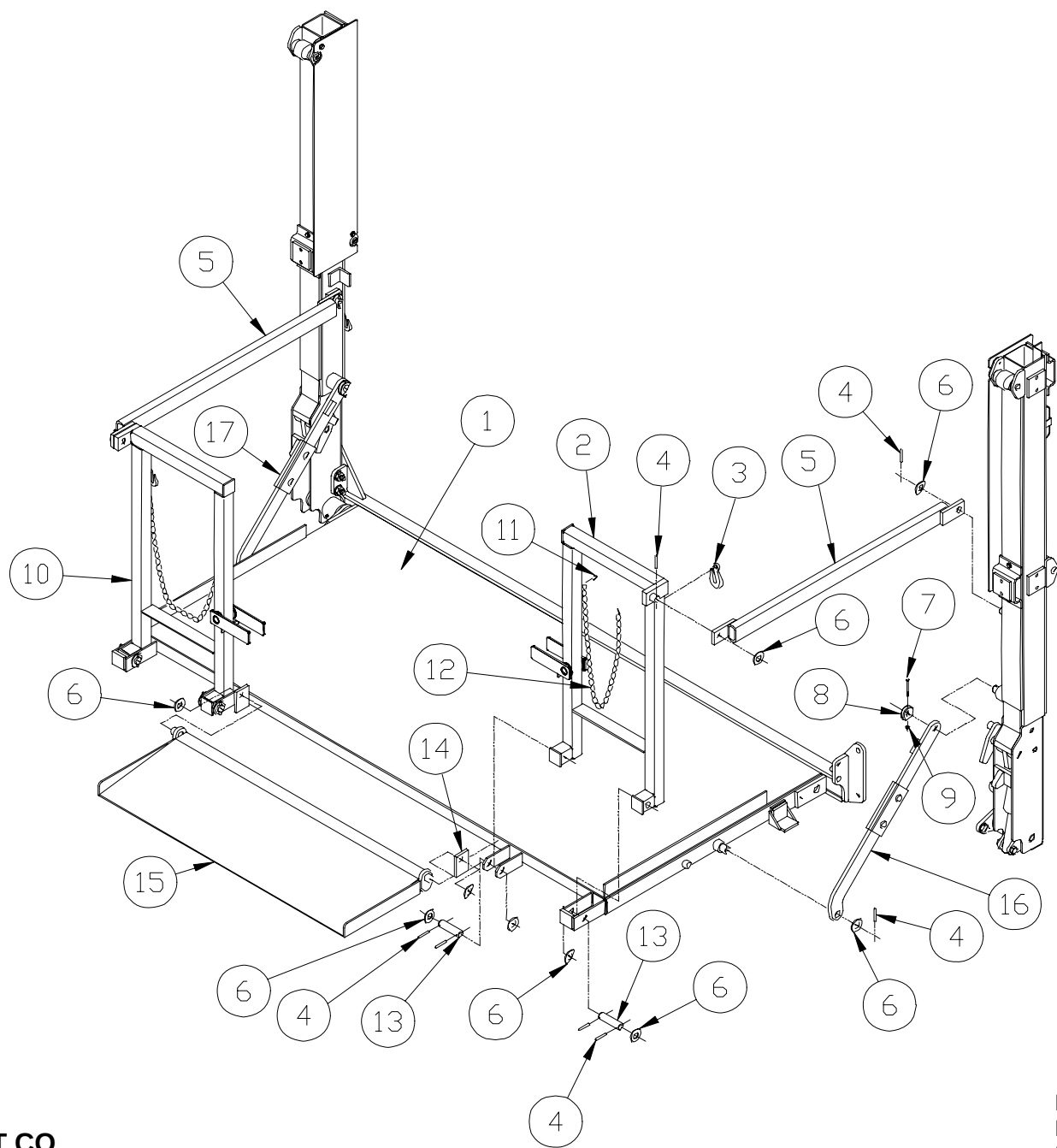
B Included in Bearing Replacement Kit 80000945.

C Included in Hub replacement Kit 80000955.

D Included in Single Roller Kit 80000896 and Four Roller Kit (Complete liftgate) 80000897

E Included in Rail Stiffener Kit 80000841

PLATFORM & LINKAGE ASSEMBLY (Fixed Rails)
 (Built 11-95 thru 10-98)



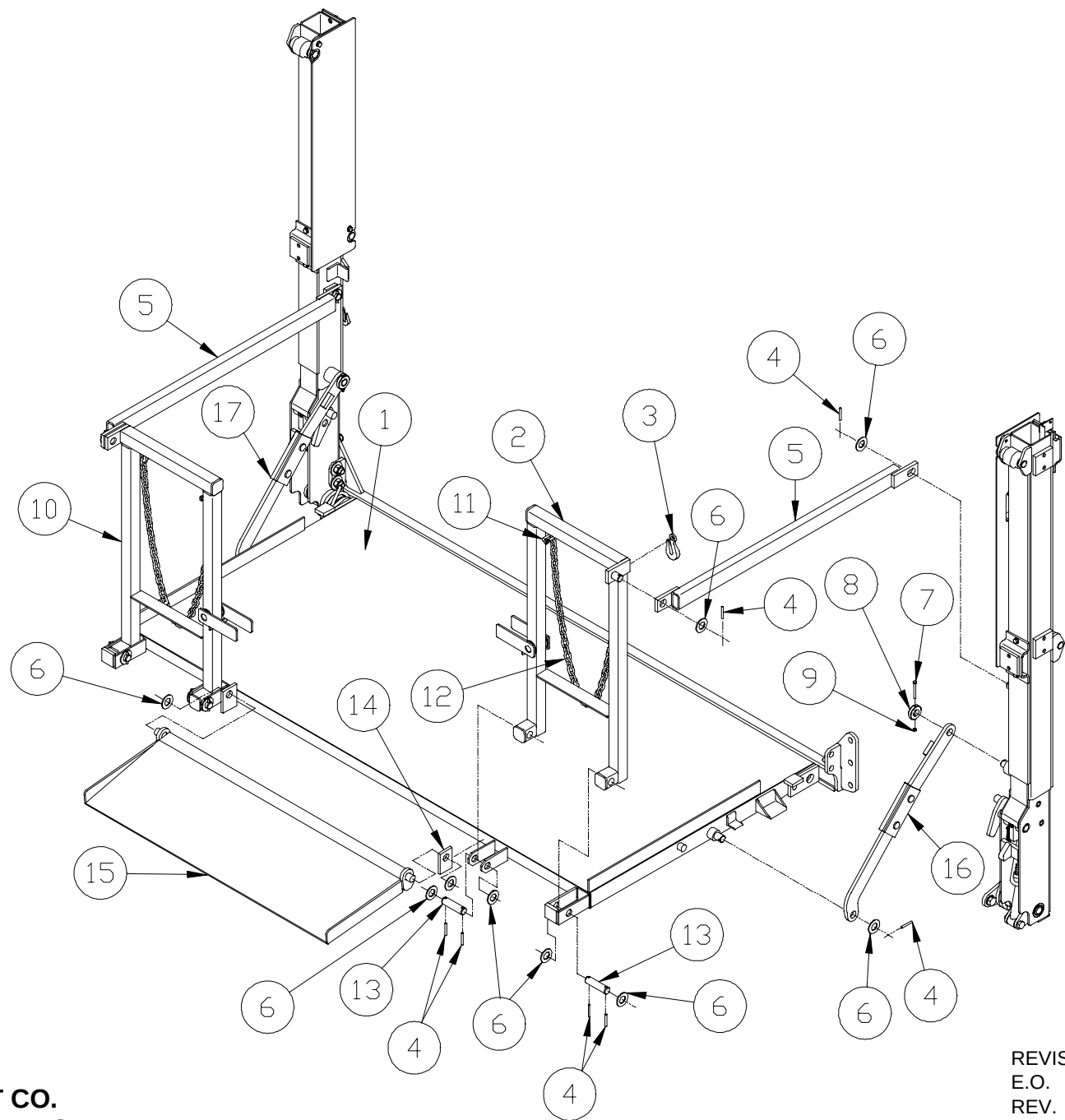
WALTCO
 TRUCK EQUIPMENT CO.
 WDLBG SERIES

REVISED: 12-18-98
 E.O. 3760
 REV. 03

PM-303

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31211035	1	36" x 80" Deck Assy
	31211045	1	42" x 80" Deck Assy
	32211035	1	36" x 86" Deck Assy
	32211045	1	42" x 86" Deck Assy
2	31258001	1	Rear Guard Rail Assy (Curb Side)(80")
	32258001	1	Rear Guard Rail Assy (Curb Side)(86")
3	75089361	4	Chain Hook
4	75089541	14	1/4" Dia. x 1-7/8" Coiled Pin
5	31257036	2	Side Rail Assy (36")
	31257042	2	Side Rail Assy (42")
6	75088061	16	1" S.A.E. Washer
7	75086215	2	1/4"-20 x 2-1/2" Hex Bolt (Grade 8)
8	85803550	2	Linkage Retainer Collar
9	75085175	2	1/4"-20 Locknut (Grade 8)
10	31258051	1	Rear Guard Rail Assy (Street Side)(80")
	32258051	1	Rear Guard Rail Assy (Street Side)(86")
11	10193100	2	Half Link Plated Chain
12	36458342	2	Plated Chain
13	10370800	4	Pin
14	31214701	2	Bar Ramp Pivot
15	31214001	1	Ramp Assy
16	31255001	1	Platform Support Linkage Assy (Curb Side)
17	31255051	1	Platform Support Linkage Assy (Street Side)

PLATFORM & LINKAGE ASSEMBLY – FIXED RAILS
 (Built 10-98 thru 10-05)



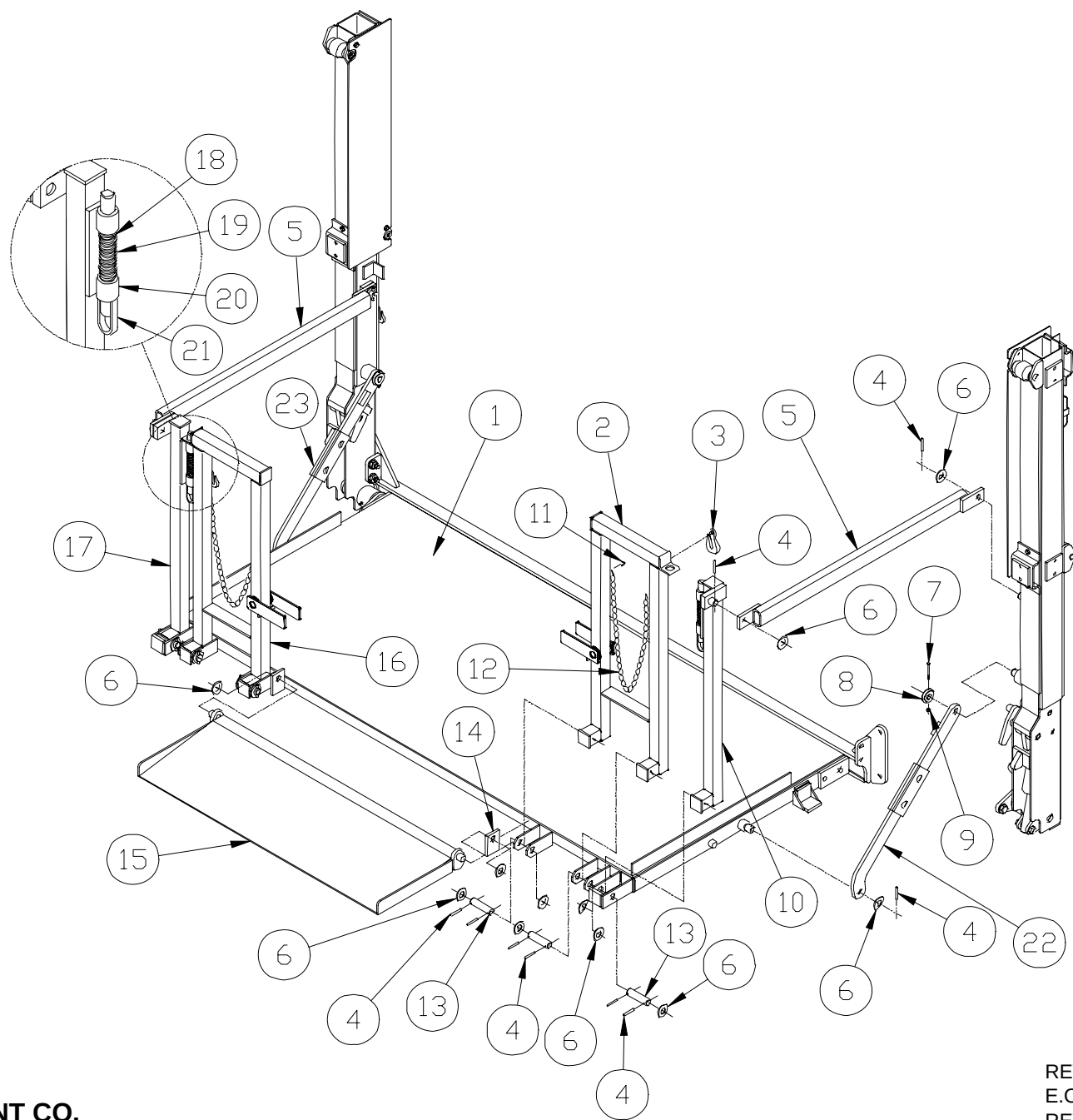
WALTCO
 TRUCK EQUIPMENT CO.
 WDLBG RM SERIES

REVISED: 1-4-2002
 E.O. 4626
 REV. 05

PM-488

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31211037	1	36" x 80" Deck Assy
	31211047	1	42" x 80" Deck Assy
	32211037	1	36" x 86" Deck Assy
	32211047	1	42" x 86" Deck Assy
2	31258001	1	Rear Guard Rail Assy (Curb Side) (80")
	32258001	1	Rear Guard Rail Assy (Curb Side) (86")
3	75089361	4	Chain Hook
4	75089541	14	1/4" Dia. x 1-7/8" Coiled Pin
5	31257036	2	Side Rail Assy (36")
	31257042	2	Side Rail Assy (42")
6	75088061	16	1" S.A.E. Washer
7	75086215	2	1/4"-20 x 2-1/2" Hex Bolt (Grade 8)
8	85803550	2	Linkage Retainer Collar
9	75085161	2	1/4"-20 Locknut (Grade 8)
10	31258051	1	Rear Guard Rail Assy (Street Side) (80")
	32258051	1	Rear Guard Rail Assy (Street Side) (86")
11	75089349	2	5/16" Cold Shut
12	36458342	2	Plated Chain
13	10370800	4	Pin
14	31214701	2	Bar Ramp Pivot
15	31214001	1	Ramp Assy
16	31255001	1	Platform Support Linkage Assy (Curb Side)
17	31255051	1	Platform Support Linkage Assy (Street Side)

PLATFORM & LINKAGE ASSEMBLY (Fold Down Rails)
 (Built 11-95 thru 10-98)



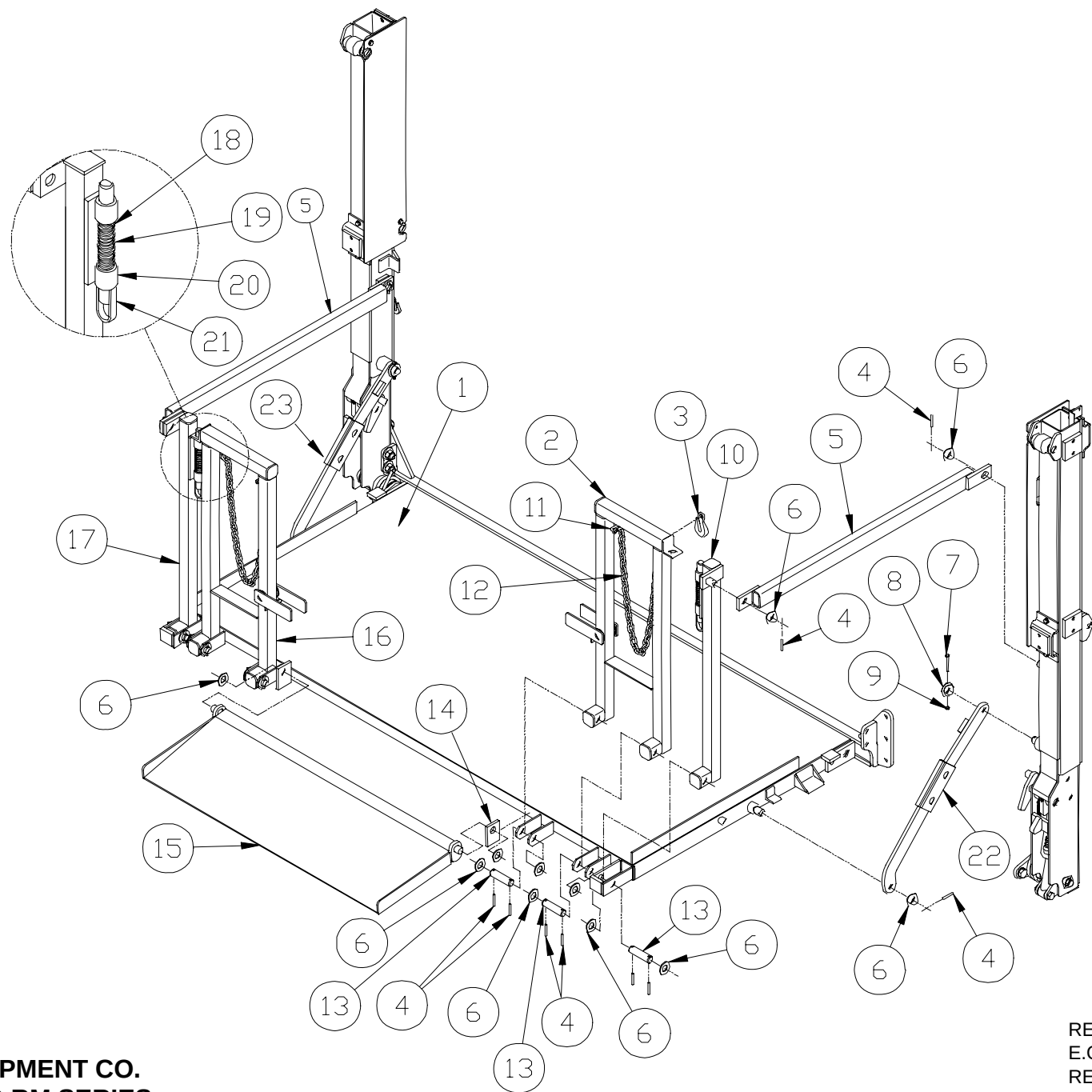
WALTCO
 TRUCK EQUIPMENT CO.
 WDLBG SERIES

REVISED: 12-18-98
 E.O. 3760
 REV. 03

PM-302

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31211036	1	36" x 80" Deck Assy
	31211046	1	42" x 80" Deck Assy
	32211036	1	36" x 86" Deck Assy
	32211046	1	42" x 86" Deck Assy
2	31256501	1	Inner Guard Rail Assy (Curb Side)(80")
	32256501	1	Inner Guard Rail Assy (Curb Side)(86")
3	75089361	4	Chain Hook
4	75089541	18	1/4" Dia. x 1-7/8" Coiled Pin
5	31257036	2	Side Rail Assy (36")
	31257042	2	Side Rail Assy (42")
6	75088061	20	1" S.A.E. Washer
7	75086215	2	1/4"-20 x 2-1/2" Hex Bolt (Grade 8)
8	85803550	2	Linkage Retainer Collar
9	75085175	2	1/4"-20 Locknut (Grade 8)
10	31257501	1	Outer Guard Rail Assy (Curb Side)
11	10193100	2	Half Link Plated Chain
12	36458342	2	Plated Chain
13	10370800	6	Pin
14	31214701	2	Bar Ramp Pivot
15	31214001	1	Ramp Assy
16	31256551	1	Inner Guard Rail Assy (Street Side)(80")
	32256551	1	Inner Guard Rail Assy (Street Side)(86")
17	31257551	1	Outer Guard Rail Assy (Street Side)
18	75089557	2	1/4" Dia. x 1-1/2" Coiled Pin
19	75089756	2	Compression Spring
20	36459501	2	Guard Rail Latch Housing
21	36458501	2	Guard Rail Latch Handle Assy
22	31255001	1	Platform Support Linkage Assy (Curb Side)
23	31255051	1	Platform Support Linkage Assy (Street Side)

PLATFORM & LINKAGE ASSEMBLY – FOLD DOWN RAILS
 (Built 10-98 thru 10-05)



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 WDLBG RM SERIES

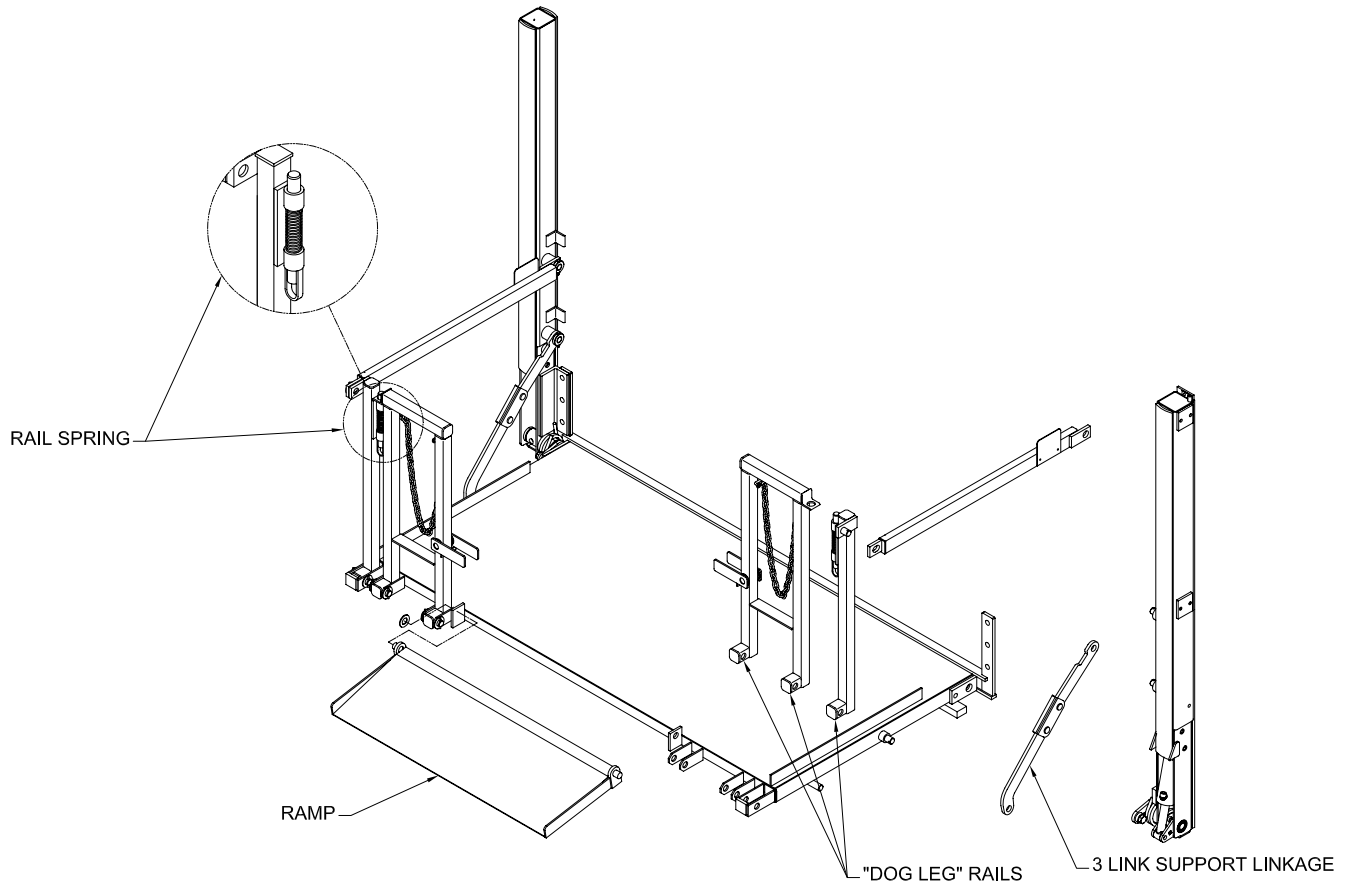
REVISED: 1-4-2002
 E.O. 4626
 REV. 04

PM-487

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31211038	1	36" x 80" Deck Assy
	31211048	1	42" x 80" Deck Assy
	32211038	1	36" x 86" Deck Assy
	32211048	1	42" x 86" Deck Assy
2	31256501	1	Inner Guard Rail Assy (Curb Side)(80")
	32256501	1	Inner Guard Rail Assy (Curb Side)(86")
3	75089361	4	Chain Hook
4	75089541	18	1/4" Dia. x 1-7/8" Coiled Pin
5	31257036	2	Side Rail Assy (36")
	31257042	2	Side Rail Assy (42")
6	75088061	20	1" S.A.E. Washer
7	75086215	2	1/4"-20 x 2-1/2" Hex Bolt (Grade 8)
8	85803550	2	Linkage Retainer Collar
9	75085161	2	1/4"-20 Locknut (Grade 8)
10	31257501	1	Outer Guard Rail Assy (Curb Side)
11	75089349	2	5/16" Cold Shut
12	36458342	2	Plated Chain
13	10370800	6	Pin
14	31214701	2	Bar Ramp Pivot
15	31214001	1	Ramp Assy
16	31256551	1	Inner Guard Rail Assy (Street Side)(80")
	32256551	1	Inner Guard Rail Assy (Street Side)(86")
17	31257551	1	Outer Guard Rail Assy (Street Side)
18	75089557	2	1/4" Dia. x 1-1/2" Coiled Pin
19	75089756	2	Compression Spring
20	36459501	2	Guard Rail Latch Housing
21	36458501	2	Guard Rail Latch Handle Assy
22	31255001	1	Platform Support Linkage Assy (Curb Side)
23	31255051	1	Platform Support Linkage Assy (Street Side)

WDLUS BG PLATFORM / RUNNERS (BOTTLED GAS)

(Built from 10-05 thru 6-08)



Common Features

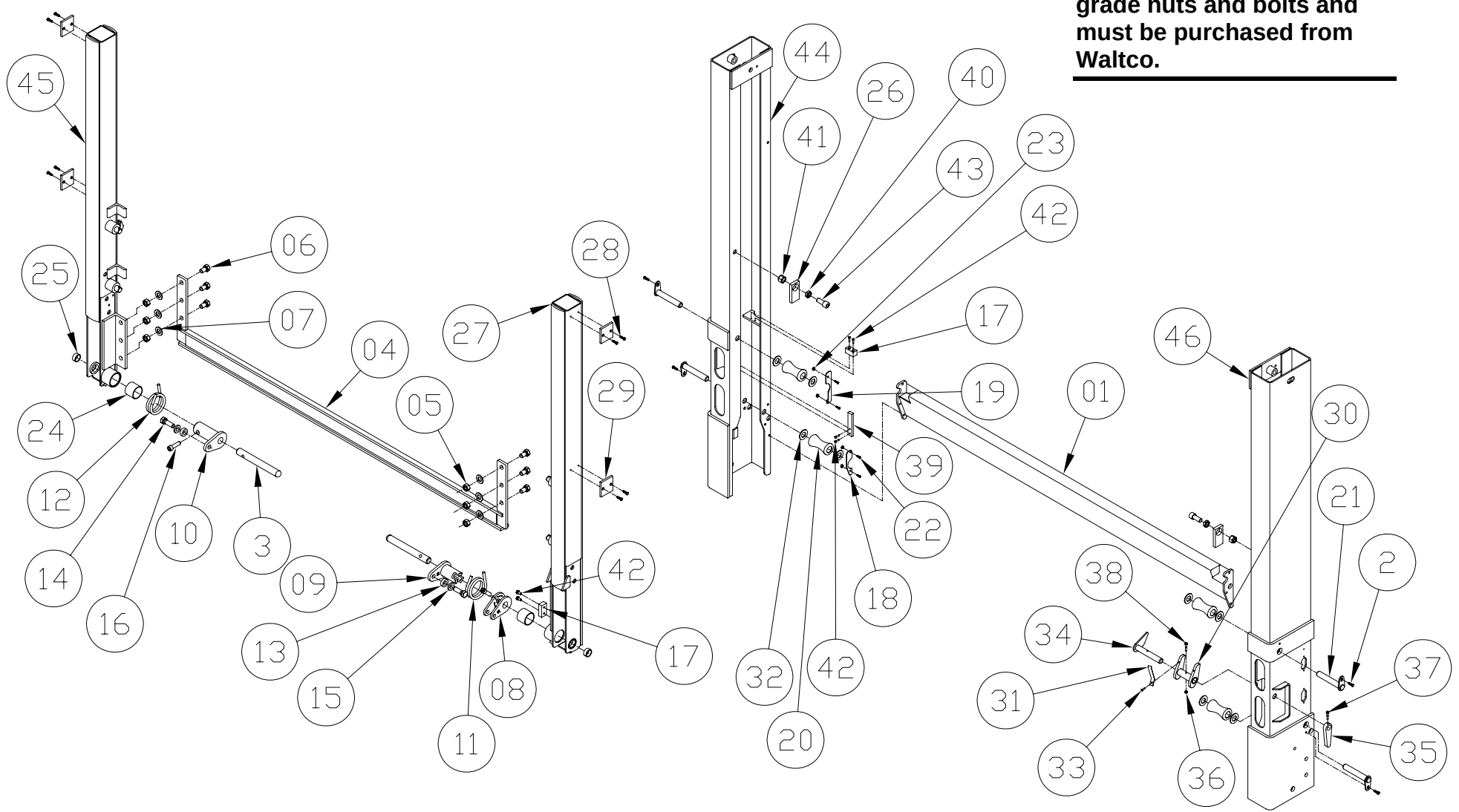
- Retention cage
- Ramp (16 x 45)
- Chain support
- ◆ Rail spring & "dog leg" rails on fold down retention
- ◆ Only built after 11/95
- ◆ Not available with Bottom Stops or Store Below Options

RUNNERS	PLATFORMS & LINKAGE	
WDLBG PM-815 Built from 10-05 thru 6-08	WDLBG Standard Rails PM-816 Built from 10-05 thru 6-08	WDLBG Fold Down Rails PM-817 Built from 10-05 thru 6-08

Rev. 01 8-10

[Click here for a list of liftgate serial numbers, organized by approximate ship dates](#)

MAIN FRAME & RUNNER ASSEMBLY
(Built 10-05 thru 6-08)



* NOTE:

These are special high grade nuts and bolts and must be purchased from Waltco.

WALTCO LIFT CORP.
WDLUS BG

REVISED: 8-1-09
E.O. 6251
REV. 01

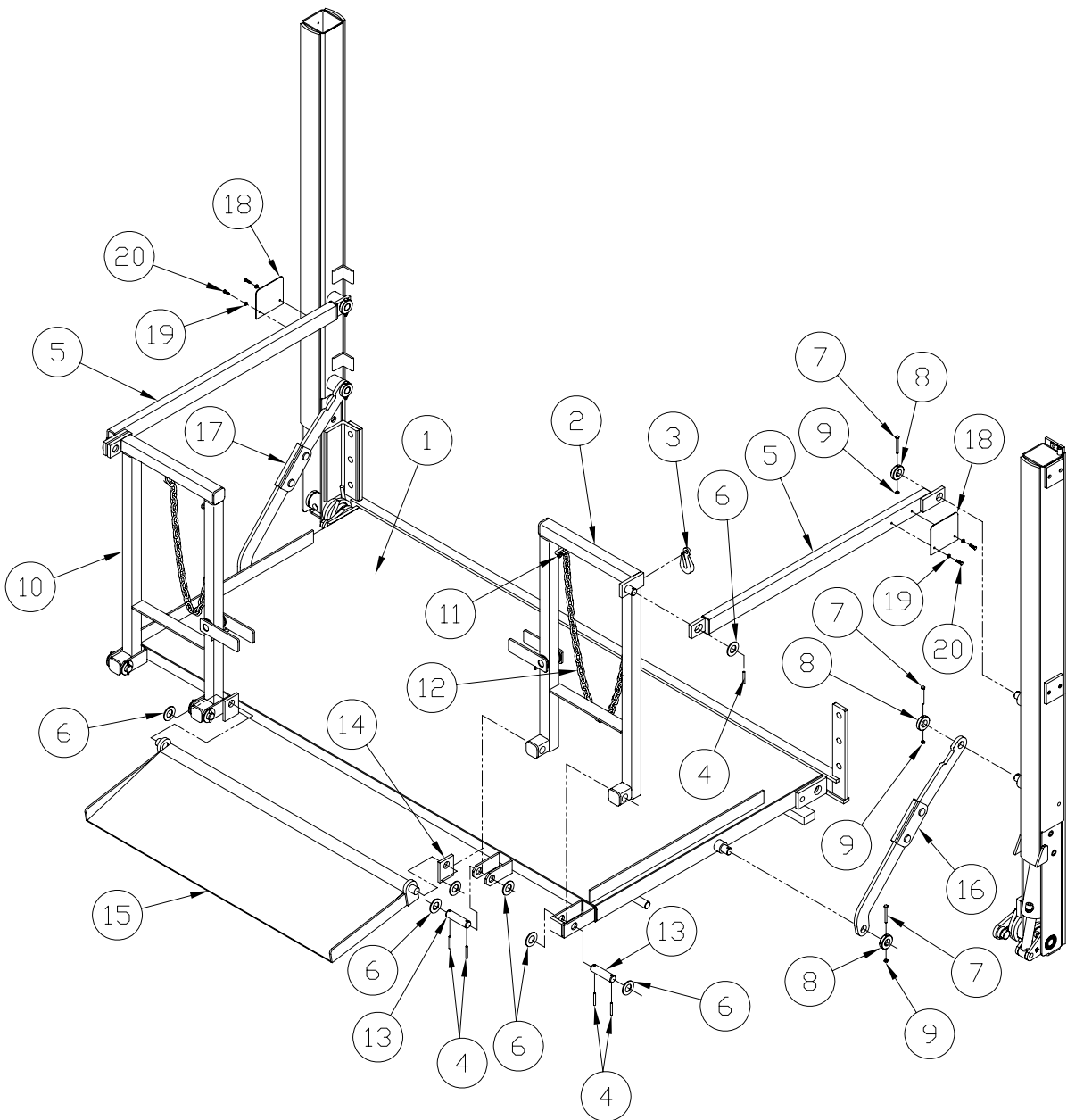
PM-815

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31726000	1	Sill Extension, 96" OAW
	31726050		Sill Extension, 102" OAW
	75086846		3/8"-16 x 3/4" Thread Rolling Screw
	31411201		Deck Pivot Pin
4	31765000	1	Equalizer Beam, 96" OAW
	31765050		Equalizer Beam, 102" OAW
*5	75085198	6	3/4"-16 Lock Nut (Grade 5)
*6	75086193	6	3/4"-16 x 2" Hex Bolt (Grade 5)
7	75088158	6	Washer, 3/4" I.D. x 2" O.D. x 0.156" Thick
8	31451001	1	Outer Closer Hub, Curb Side
9	31451102	1	Inner Hub, Curb Side
10	31451301	1	Hub, Driver Side
11	31737101	1	Opening Spring, Curb Side
12	31737151	1	Opening Spring, Driver Side
13	31751000	2	Collar
*14	75086233	2	3/4"-10 x 2-3/4" Hex Bolt (Grade 8)
15	75088087	2	Lock Washer, 3/4" I.D.
*16	85803465	2	1/2"-13 x 1-3/4" Socket Head (Grade 8)
17	31724014	3	Upper Bearing
18	31725010	2	Lower Roller Guard
19	31725011	2	Upper Roller Guard
20	31797501 ^B	4	Roller
21	31797001 ^B	4	Roller Pin Assembly
22	75086707	8	#10-32 x 5/8" Round Head Screw
23	75085000	8	#10-32, Serrated Hex Nut
24	10010165	2	Bearing, 2-1/4" I.D. x 2-1/2" O.D. x 2" Lg.
25	10010166	2	Bearing, 1-1/4" I.D. x 1-1/2" O.D. x 5/8" Lg
26	31724018	2	Up-Stop Rail Brace
27	31730040 ^C	1	Runner, Curb Side
28	75086862	8	1/4"-20 x 3/8" Self Tapping Screw
29	85803340	4	Runner Wear pad
30	31733000 ^A	1	Latch Assembly (Includes Spring)
31	31733008	1	Latch Spring
32	75088261 ^B	8	1" I.D. Bronze Thrust Washer
33	75086021	1	1/4"-20 x 1/2" Hex Bolt
34	31733005 ^A	1	Latch Pin
35	31733010 ^A	1	Outer Latch Handle
36	75085161 ^A	1	1/4"-20 Locknut
37	75085995 ^A	1	1/4"-20 x 1" Socket Head Screw
38	75086013 ^A	1	1/4"-20 x 1-1/2" Hex Bolt (Grade 2)
39	39035700	2	Lower Bearing
40	75085015	2	3/4"-10 Jam Hex Nut (for steel platforms)
	75085014		3/4"-10 Full Hex Nut (for alum platforms)
41	75085186	2	3/4"-10 Locknut

ITEM	PART NUMBER	QTY	DESCRIPTION
42	75086854	10	1/4"-20 x 5/8" Self Tapping Screw
*43	75087581	2	3/4" x 2-1/2" Socket Head Screw (Grade 5)
44	31724050	1	Upright, Driver Side
45	31730045 ^D	1	Runner, Driver Side
46	31724000	1	Upright, Curb Side

- Notes:
- A. Included in latch assembly 31773300
 - B. Included in Greaseable Roller Kit 80001134
 - C. Includes items 24, 25, 17 and 42
 - D. Includes items 24 and 25

PLATFORM & LINKAGE ASSEMBLY – FIXED RAILS
 (Built 10-05 thru 6-08)





LIFT CORP.
WDLUSBG

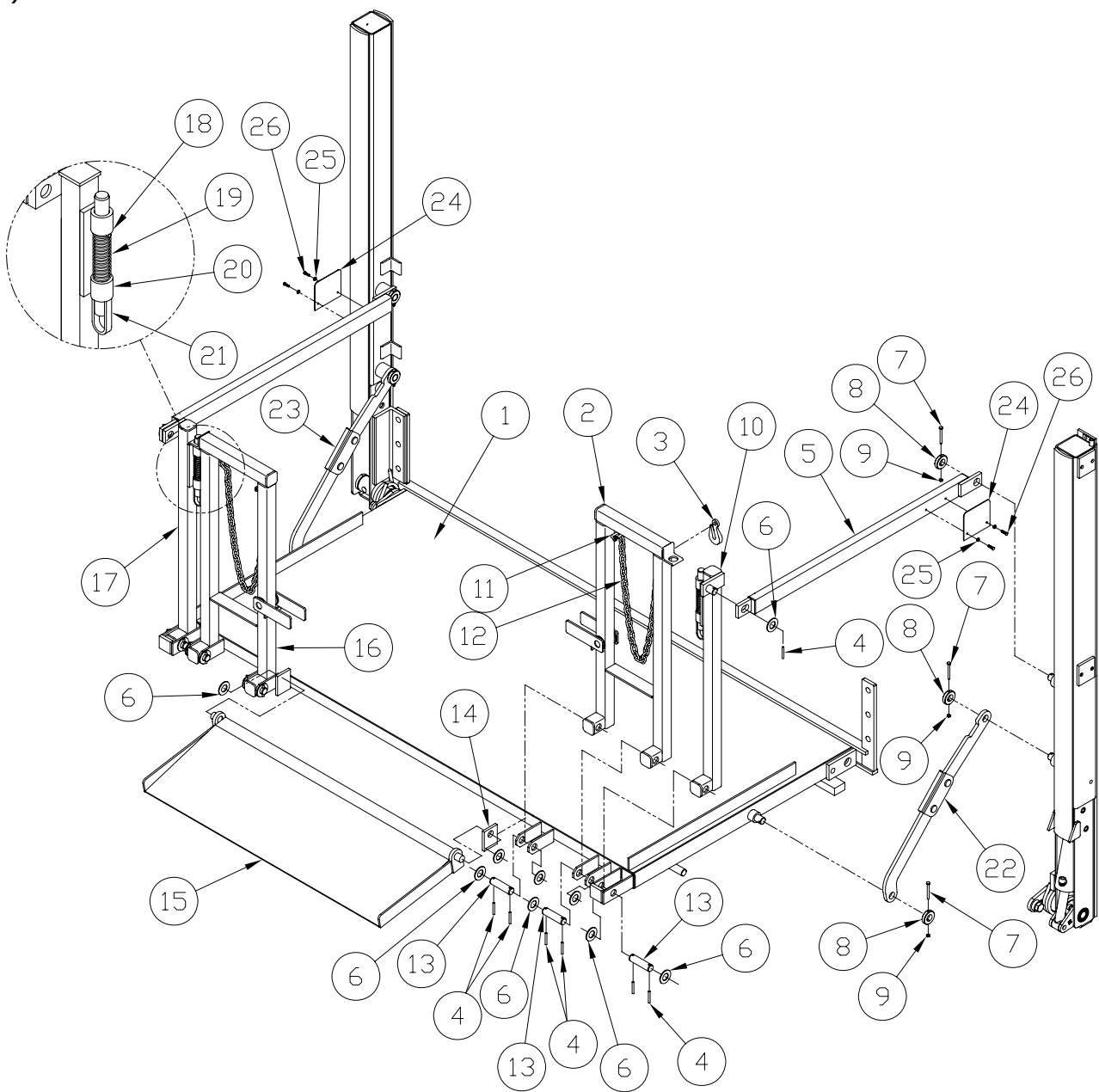
REVISED:
 E.O.
 REV.

8-1-09
 6251
 01

PM-816

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31711200	1	36" x 80" Deck Assy
	31711210	1	42" x 80" Deck Assy
	31711250	1	36" x 86" Deck Assy
	31711260	1	42" x 86" Deck Assy
2	31258001	1	Rear Guard Rail Assy (Curb Side) (80")
	32258001	1	Rear Guard Rail Assy (Curb Side) (86")
3	75089361	4	Chain Hook
4	75089541	10	1/4" Dia. x 1-7/8" Coiled Pin
5	31757036	2	Side Rail Assy (36")
	31757042	2	Side Rail Assy (42")
6	75088061	12	1" S.A.E. Washer
7	75086215	6	1/4"-20 x 2-1/2" Hex Bolt (Grade 8)
8	85803550	6	Linkage Retainer Collar
9	75085161	6	1/4"-20 Locknut (Grade 8)
10	31258051	1	Rear Guard Rail Assy (Street Side) (80")
	32258051	1	Rear Guard Rail Assy (Street Side) (86")
11	75089349	2	5/16" Cold Shut
12	36458342	2	Plated Chain
13	10370800	4	Pin
14	31214701	2	Bar Ramp Pivot
15	31214001	1	Ramp Assy
16	31755001	1	Platform Support Linkage Assy (Curb Side)
17	31755051	1	Platform Support Linkage Assy (Street Side)
18	99533809	2	Hand Guard
19	75088051	4	¼" Washer
20	75086854	4	¼"-20 x 5/8" Self Tapping Screw

PLATFORM & LINKAGE ASSEMBLY – FOLD DOWN RAILS
 (Built 10-05 thru 6-08)



WALTCO LIFT CORP.
 WDLUSBG SERIES

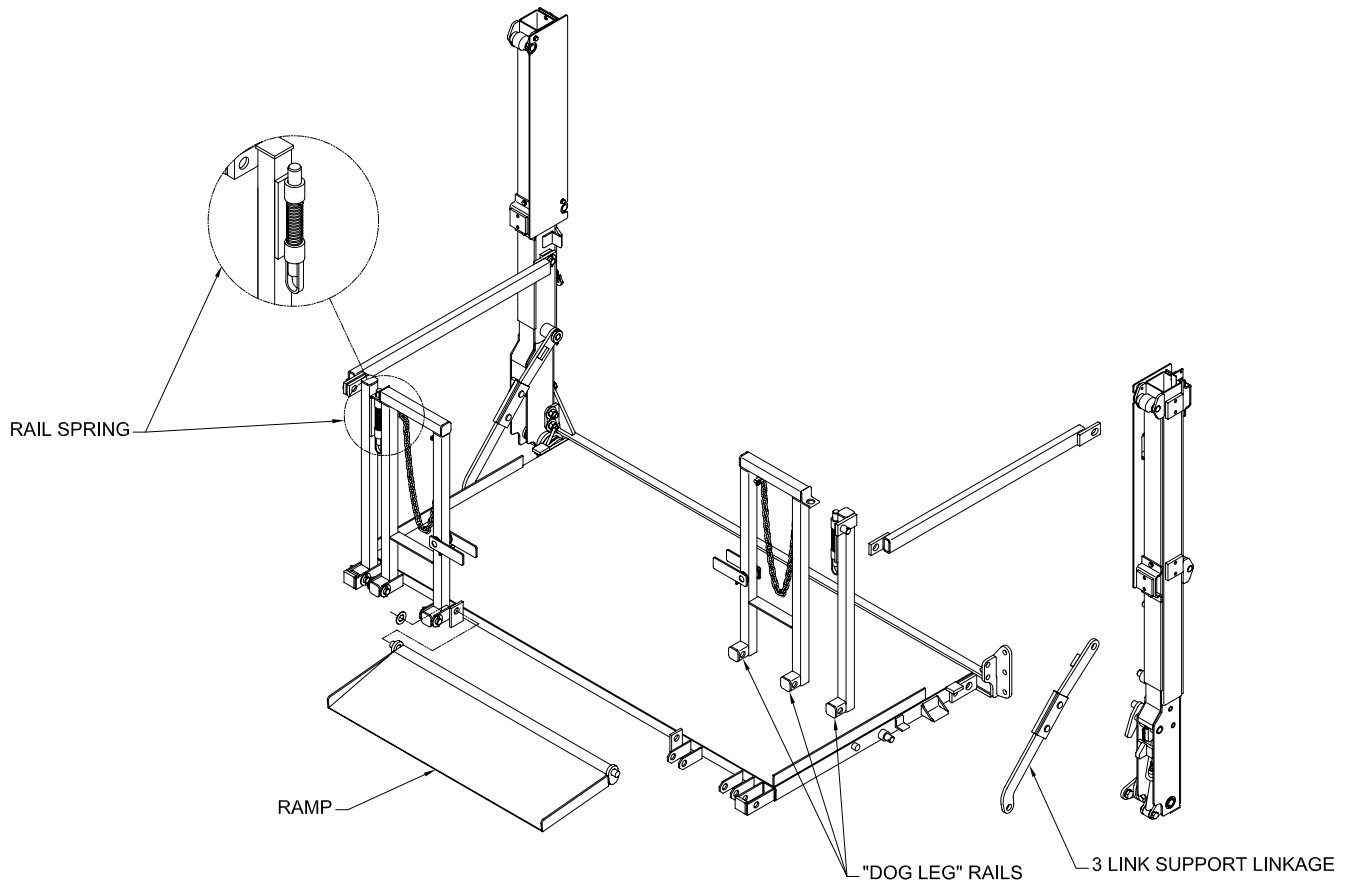
REVISED: 8-1-09
 E.O. 6251
 REV. 01

PM-817

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31711300	1	36" x 80" Deck Assy
	31711310	1	42" x 80" Deck Assy
	31711350	1	36" x 86" Deck Assy
	31711360	1	42" x 86" Deck Assy
2	31256501	1	Inner Guard Rail Assy (Curb Side)(80")
	32256501	1	Inner Guard Rail Assy (Curb Side)(86")
3	75089361	4	Chain Hook
4	75089541	14	1/4" Dia. x 1-7/8" Coiled Pin
5	31757036	2	Side Rail Assy (36")
	31757042	2	Side Rail Assy (42")
6	75088061	16	1" S.A.E. Washer
7	75086215	6	1/4"-20 x 2-1/2" Hex Bolt (Grade 8)
8	85803550	6	Linkage Retainer Collar
9	75085161	6	1/4"-20 Locknut (Grade 8)
10	31257501	1	Outer Guard Rail Assy (Curb Side)
11	75089349	2	5/16" Cold Shut
12	36458342	2	Plated Chain
13	10370800	6	Pin
14	31214701	2	Bar Ramp Pivot
15	31214001	1	Ramp Assy
16	31256551	1	Inner Guard Rail Assy (Street Side)(80")
	32256551	1	Inner Guard Rail Assy (Street Side)(86")
17	31257551	1	Outer Guard Rail Assy (Street Side)
18	75089557	2	1/4" Dia. x 1-1/2" Coiled Pin
19	75089756	2	Compression Spring
20	36459501	2	Guard Rail Latch Housing
21	36458501	2	Guard Rail Latch Handle Assy
22	31755001	1	Platform Support Linkage Assy (Curb Side)
23	31755051	1	Platform Support Linkage Assy (Street Side)
24	99533809	2	Hand Guard
25	75088051	4	1/4" Washer
26	75086854	4	1/4"-20 x 5/8" Self Tapping Screw

WDLBG Value Line PLATFORM / RUNNERS (BOTTLED GAS)

(Built from 3-08 thru 2-09)



Common Features

- Retention cage
- Ramp (16 x 45)
- Chain support
- ◆ Rail spring & "dog leg" rails on fold down retention
- ◆ Not available with Bottom Stops or Store Below Options

RUNNERS

PM-753

Built from 3-08 thru 2-09

PLATFORMS & LINKAGE

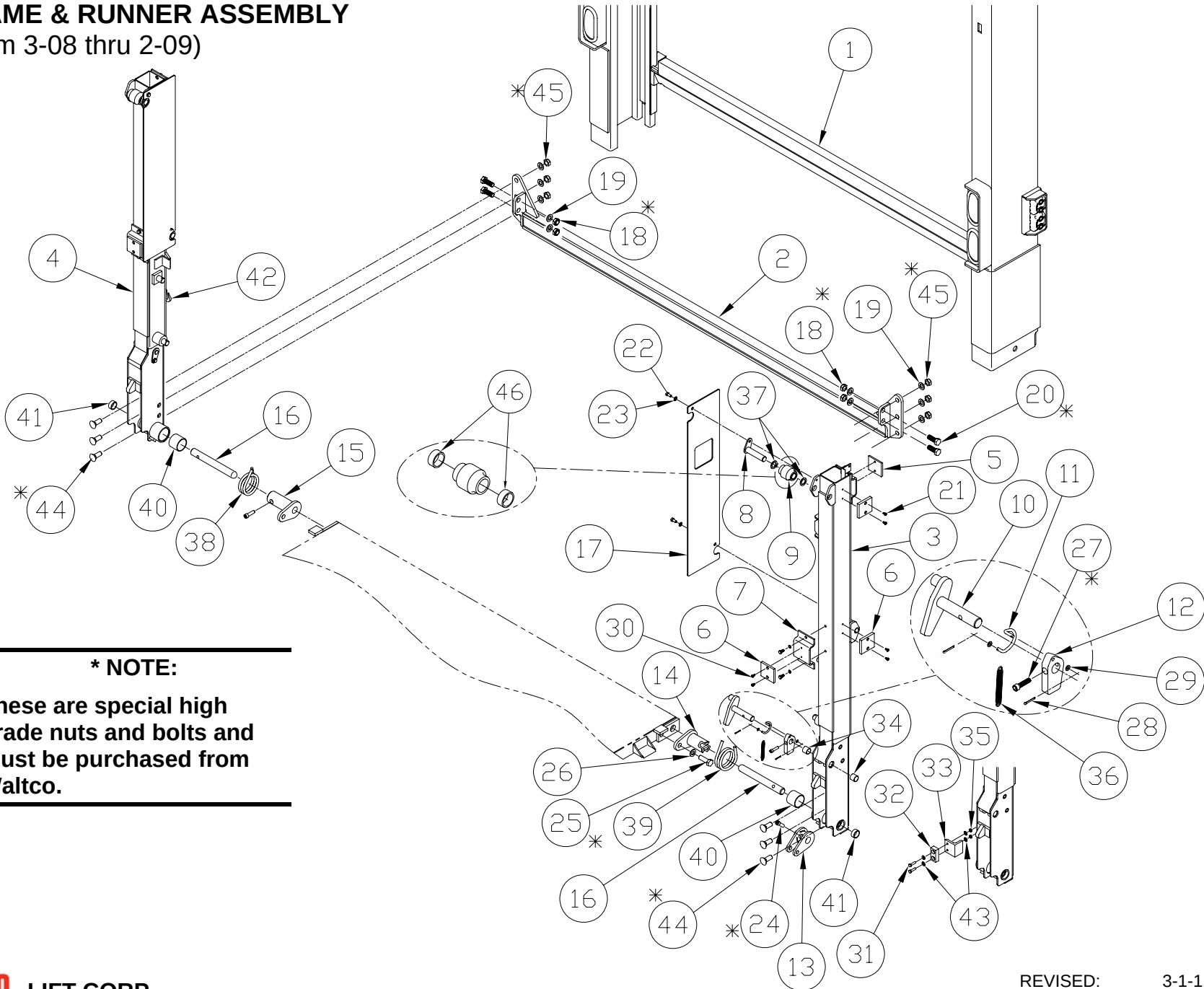
PM-754

Built from 3-08 thru 2-09

Rev. 01 8-10

[Click here for a list of liftgate serial numbers, organized by approximate ship dates](#)

"H" FRAME & RUNNER ASSEMBLY
 (Built from 3-08 thru 2-09)



* NOTE:

These are special high grade nuts and bolts and must be purchased from Waltco.

WALTCO LIFT CORP.
 WDLBG VALUE LINE SERIES

REVISED: 3-1-11
 E.O. 6469
 REV. 02

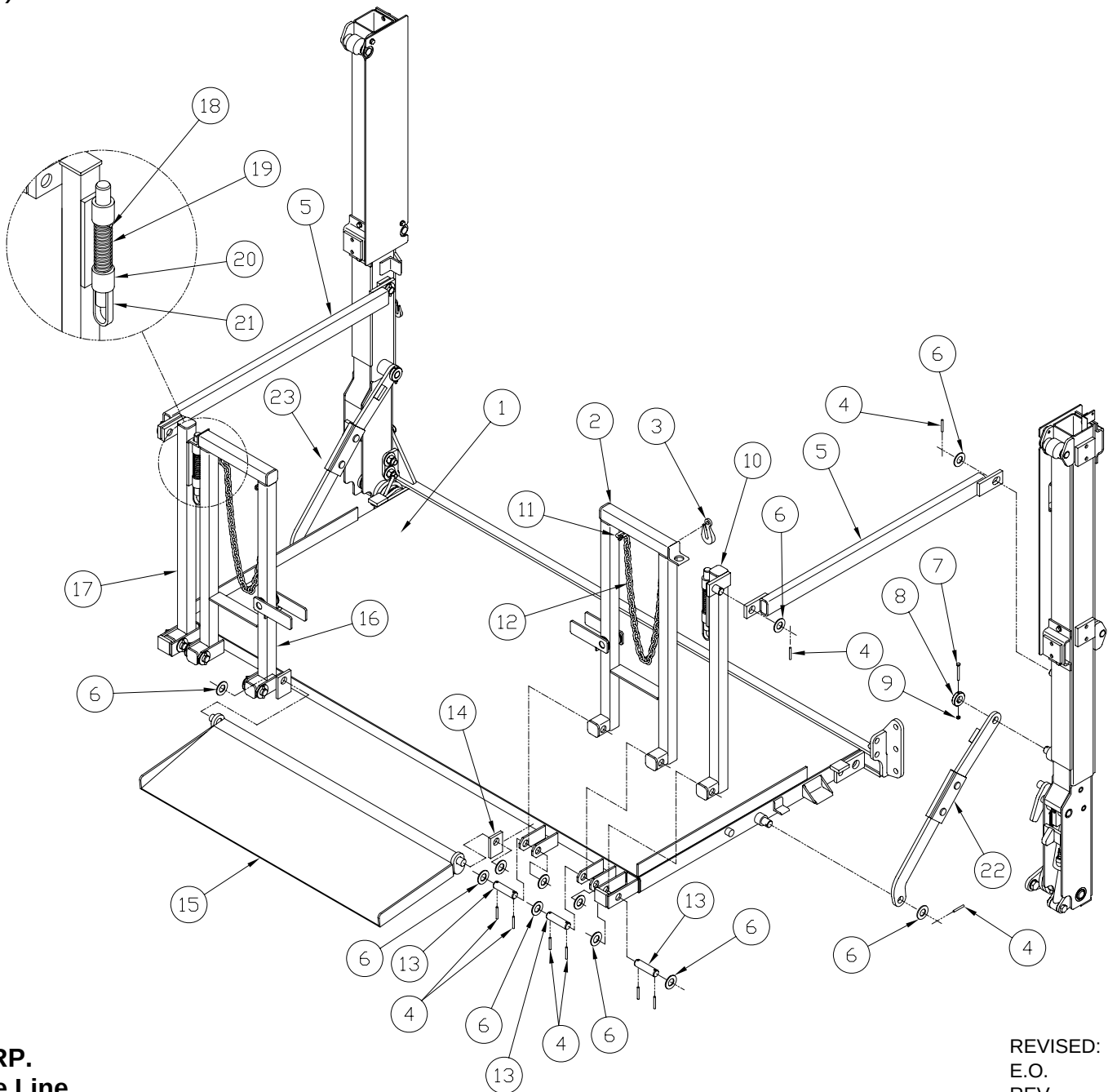
PM-753

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31320002	1	96" Main Frame Assembly
	32320002	1	102" Main Frame Assembly
2	32365001	1	102" Equalizer Beam
	31365001	1	96" Equalizer Beam
3	31230001	1	Curb Side Runner Assy (Bottled Gas)
4	31230051	1	Driver Side Runner Assy (Bottled Gas)
5	85803328	2	Upper Runner Wear Pad
6	85803340	6	Side Runner Wear Pad
7	85803339	4	Wear Pad Mounting Channel
8	31439001	4	Roller Pin Assembly
9	40439000 ^D	4	Roller Assembly (includes Bearings)
10	40439500 ^D	1	Curb Side Transit Latch Assembly (1 Pc. Platform)
11	85803238	1	Curb Side Transit Latch Link
12	85803235	1	Transit Latch Arm
13	31451001 ^C	1	Curb Side Outer Hub Assembly
14	31451102 ^C	1	Curb Side Inner Closer Hub Assembly
15	31451301 ^C	1	Driver Side Hub Assembly
16	31411201 ^{AC}	2	Deck Pivot Pin
17	31337501	1	Curb Side Roller Guard Plate 1 Pc. Platform
	85803481	1	Driver Side Roller Guard Plate 1 Pc. Platform
*18	75085198	4	3/4"-16 Locknut (Grade 5)
19	75088058	10	Flat Washer- 3/4" I.D. x 2" O.D.
*20	75086193	4	3/4"-16 x 2" Hex Head Bolt (Grade 5)
21	75086862	8	1/4"-20 x 1/2" Self Tapping Screw
22	75086055 ^{BD}	12	3/8"-16 x 3/4" Hex Head Screw
23	75088081 ^{BD}	12	3/8" Lock Washer
*24	85803465 ^{ABC}	2	1/2"-13 x 1-3/4" Socket Head Screw (Grade 8)
*25	75086232	2	3/4"-10 x 1-1/4" Hex Head Bolt (Grade 8)
26	75088087 ^C	2	3/4" Lock Washer
*27	85803237 ^B	2	3/8"-16 x 1-1/2" Socket Head Cap Screw (Grade 5)
28	75084053 ^B	2	3/32" x 1" Cotter Pin
29	75088051 ^B	2	Flat Washer- 1/4" I.D. x 5/8" O.D.
30	75086854	8	1/4"-20 x 5/8" Self Tapping Rd. Head Screw

ITEM	PART NUMBER	QTY	DESCRIPTION
31	75086007	2	1/4"-20 x 1-1/4" Hex Bolt (Grade 2)
32	31436801	1	Rubber Pad Deck Stop
33	31434601	1	Angle Deck Stop
34	10010167 ^B	4	1-1/8" O.D. x 1" I.D. x 1" Lg. Bearing
35	75085161	2	1/4"-20 Nylon Locknut
36	37438902	1	Extension Spring
37	75088264 ^D	8	Washer Bronze
38	31437151	1	Torsion Spring Platform Opening Street Side
39	31437101	1	Torsion Spring Platform Opening Curb Side
40	10010165 ^{ABC}	2	2-1/2" O.D. x 2-1/4" I.D. x 2" Lg. Bearing
41	10010166 ^{ABC}	2	1-1/2" O.D. x 1-1/4" I.D. x 5/8" Lg. Bearing
42	75089361	2	Chain Hook
43	75088060	4	Flat Washer- 1/4" I.D. x 3/4" O.D.
*44	75087500	6	3/4"-10 x 2" Lg. Carriage Bolt (Grade 5)
*45	75085199	6	3/4"-10 Locknut (Grade 5)
46	10010140	8	1" ID x 1-1/4" OD x 1" Lg. Bearing

^A Included in Deck Pin Replacement Kit 80000914.
^B Included in Bearing Replacement Kit 80000945.
^C Included in Hub replacement Kit 80000955.
^D Included in Single Roller Kit 80000896 and Four Roller Kit (Complete liftgate) 80000897

PLATFORM & LINKAGE ASSEMBLY – FOLD DOWN RAILS
 (Built 3-08 thru 2-09)



WALTCO LIFT CORP.
 WDLBG Value Line

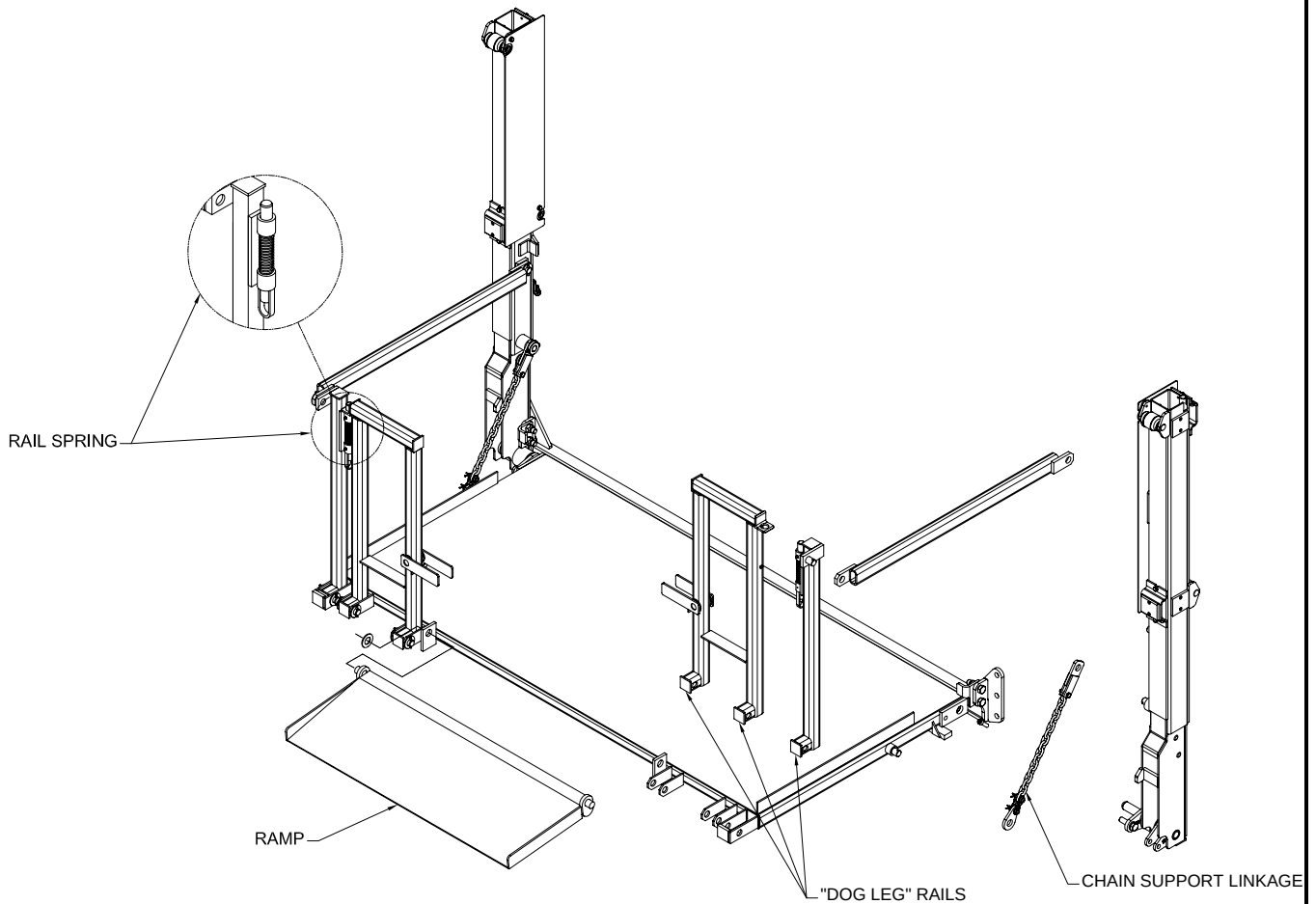
REVISED: 4-4-08
 E.O. 6011B
 REV. 01

PM-754

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31211038	1	36" x 80" Deck Assy
	31211048	1	42" x 80" Deck Assy
	32211038	1	36" x 86" Deck Assy
	32211048	1	42" x 86" Deck Assy
2	31256501	1	Inner Guard Rail Assy (Curb Side)(80")
	32256501	1	Inner Guard Rail Assy (Curb Side)(86")
3	75089361	4	Chain Hook
4	75089541	18	1/4" Dia. x 1-7/8" Coiled Pin
5	31257036	2	Side Rail Assy (36")
	31257042	2	Side Rail Assy (42")
6	75088061	20	1" S.A.E. Washer
7	75086215	2	1/4"-20 x 2-1/2" Hex Bolt (Grade 8)
8	85803550	2	Linkage Retainer Collar
9	75085161	2	1/4"-20 Locknut (Grade 8)
10	31257501	1	Outer Guard Rail Assy (Curb Side)
11	75089349	2	5/16" Cold Shut
12	36458342	2	Plated Chain
13	10370800	6	Pin
14	31214701	2	Bar Ramp Pivot
15	31214001	1	Ramp Assy
16	31256551	1	Inner Guard Rail Assy (Street Side)(80")
	32256551	1	Inner Guard Rail Assy (Street Side)(86")
17	31257551	1	Outer Guard Rail Assy (Street Side)
18	75089557	2	1/4" Dia. x 1-1/2" Coiled Pin
19	75089756	2	Compression Spring
20	36459501	2	Guard Rail Latch Housing
21	36458501	2	Guard Rail Latch Handle Assy
22	31255001	1	Platform Support Linkage Assy (Curb Side)
23	31255051	1	Platform Support Linkage Assy (Street Side)

WDLBG (2009) PLATFORM / RUNNERS (BOTTLED GAS)

(Built from 1-09 thru 4-09)



Common Features

- Retention cage
- Ramp (16 x 45)
- Chain support
- ◆ Rail spring & "dog leg" rails on fold down retention
- ◆ Not available with Bottom Stops or Store Below Options

RUNNERS

PM-814

Built from 1-09 thru 4-09

PLATFORMS & LINKAGE

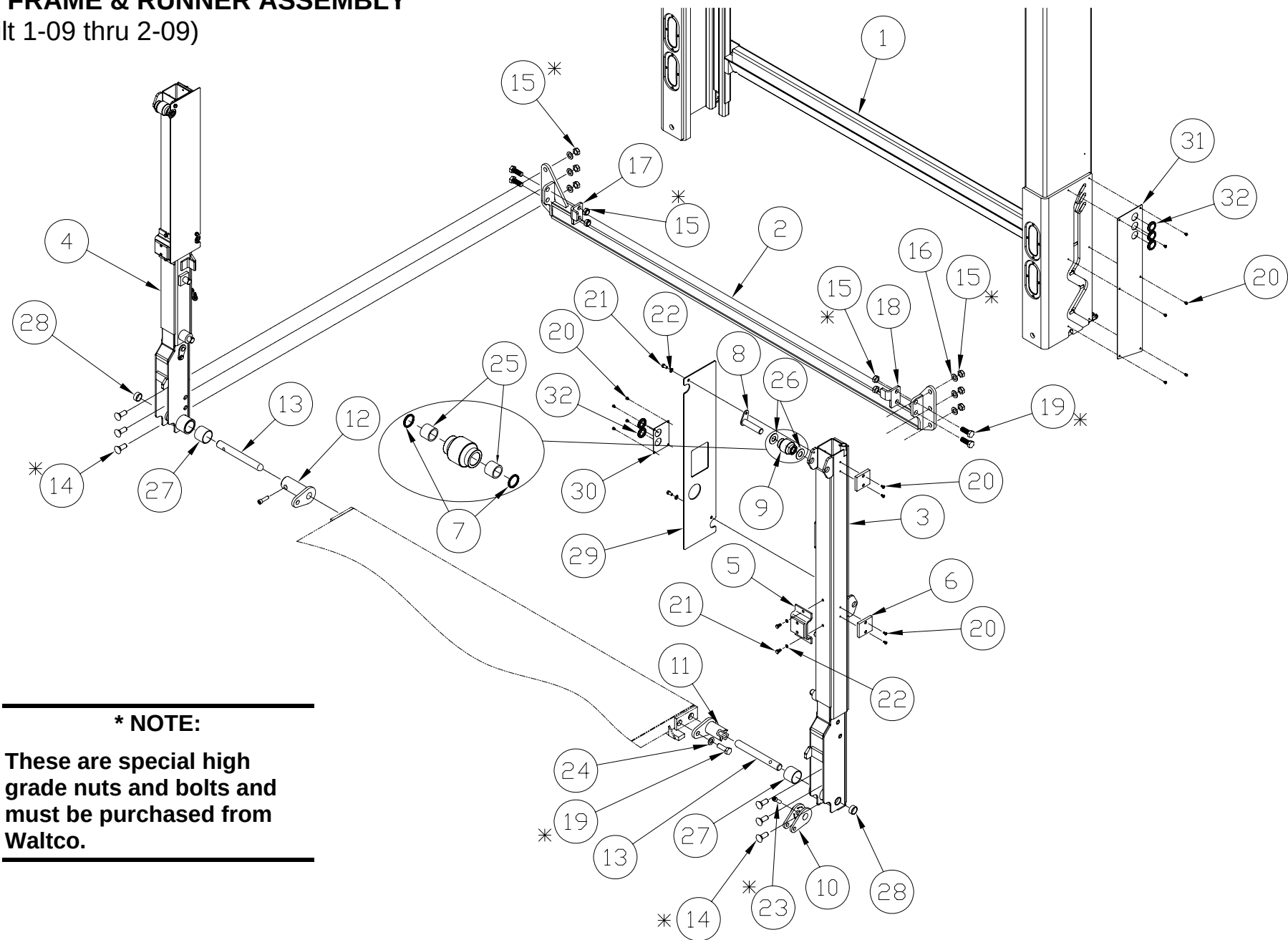
PM-776

Built from 1-09 thru 4-09

Rev. 01 8-10

[Click here for a list of liftgate serial numbers, organized by approximate ship dates](#)

“H” FRAME & RUNNER ASSEMBLY
 (Built 1-09 thru 2-09)



WALTCO LIFT CORP.
 WDLBG (2009)

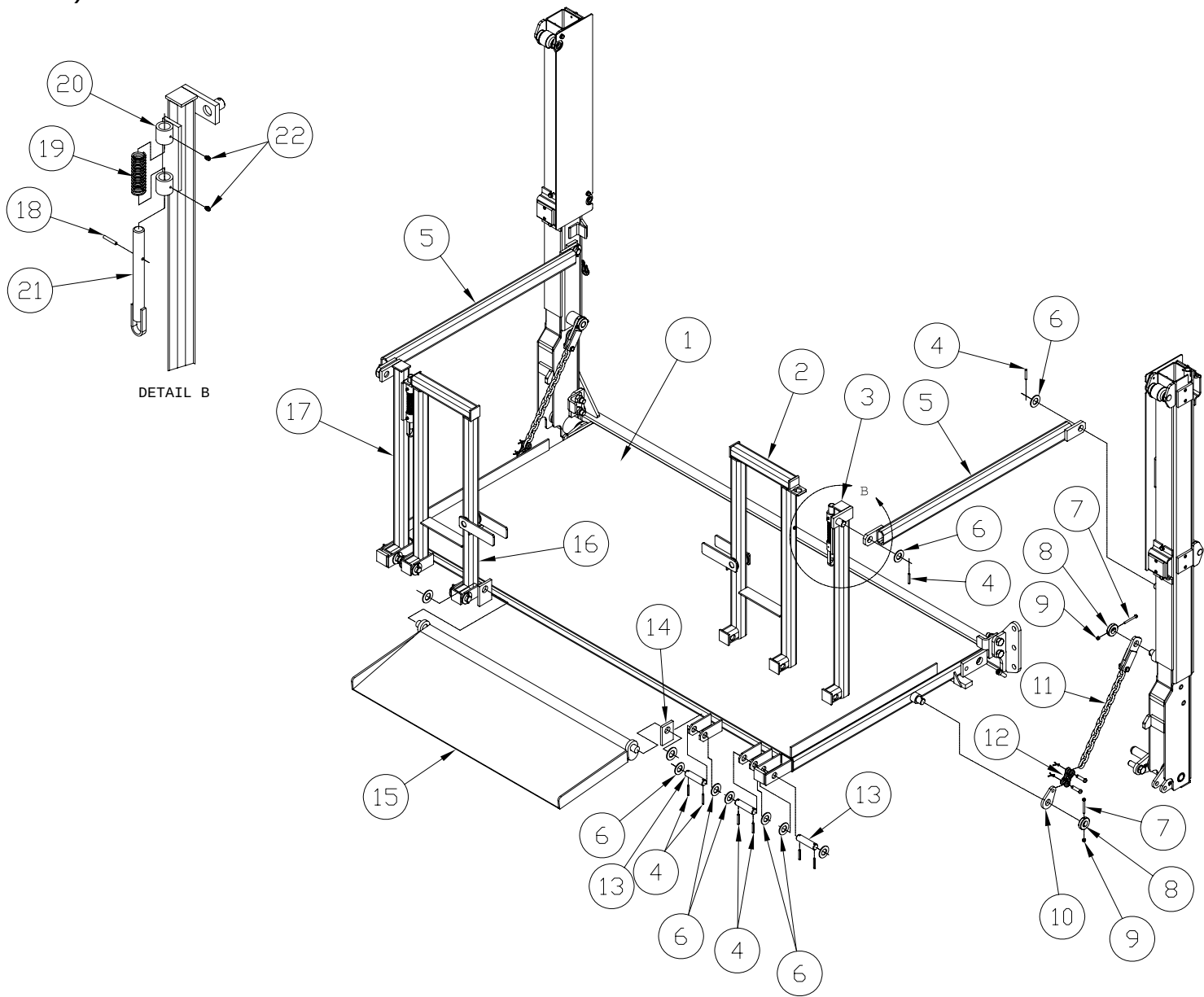
REVISED: 8-1-09
 E.O. 6251
 REV. 01

PM-814

ITEM	PART NUMBER	QTY	DESCRIPTION
1	40420000-1	1	96" Main Frame Assembly
	40420000-2	1	102" Main Frame Assembly
2	31365001	1	96" Equalizer Beam
	32365001	1	102" Equalizer Beam
3	40235000	1	Curb Side Runner Assy (WDLBG)
4	40235050	1	Driver Side Runner Assembly (WDLBG)
5	40439900 ^E	4	Wear Pad Bracket Sub-Assembly
6	85803340	4	Side Runner Wear Pad
7	40439700	8	Seal, Roller
8	40439000 ^D	4	Roller Pin Assembly
9	40439500 ^D	4	Roller Assembly (includes Bearings & Seals)
10	31451001 ^C	1	Curb Side Outer Hub Assembly
11	31451102 ^C	1	Curb Side Inner Closer Hub Assembly
12	31451301 ^C	1	Driver Side Hub Assembly
13	31411201 ^{AC}	2	Deck Pivot Pin
*14	75087500	6	3/4"-10 x 2" lg. Carriage Bolt, Grade 5
*15	75085199	10	3/4"-10 Locknut (Grade 5)
16	75088058	6	Flat Washer- 3/4" I.D. x 2" O.D.
17	40433850	1	Deck Fold Stop, DS
18	40433800	1	Deck Fold Stop, CS
*19	75086182	6	3/4"-16 x 2" Hex Head Bolt (Grade 5)
20	7500087-2	18	Button Head Socket Cap Screw, 1/4"-20 x 3/8"
21	75086055 ^{BDE}	12	3/8"-16 x 3/4" Hex Head Screw
22	75088081 ^{BDE}	12	3/8" Lock Washer
*23	85803465 ^{ABC}	2	1/2"-13 x 1-3/4" Socket Head Screw (Grade 8)
24	75088087 ^C	2	3/4" Lock Washer
25	10010140	8	1" ID x 1-1/4" OD x 1" lg. Bearing
26	75088264 ^D	8	Washer Bronze
27	10010165 ^{ABC}	2	2-1/2" O.D. x 2-1/4" I.D. x 2" Lg. Bearing
28	10010166 ^{ABC}	2	1-1/2" O.D. x 1-1/4" I.D. x 5/8" Lg. Bearing
29	40337500	1	Curb Side Roller Guard Plate 1 Pc. Platform
	85803481	1	Driver Side Roller Guard Plate 1 Pc. Platform
30	40437100	1	Inside Switch Cover Plate
31	40427100	1	Outer Switch Cover Plate
32	3190238	5	Switch Cover Grommet

- ^A Included in deck Pin Replacement Kit 80000914.
- ^B Included in Bearing Replacement Kit 80001241.
- ^C Included in Hub Replacement Kit 80000955.
- ^D Included in Single Roller Kit 80000896 and Four Roller Kit (Complete liftgate) 80000897
- ^E Included in Wear Pad Replacement Kit 80001244.

PLATFORM & LINKAGE ASSEMBLY – FOLD DOWN RAILS
 (Built 1-09 thru 4-09)





LIFT CORP.
WDLBG (2009)

REVISED:
 E.O.
 REV.

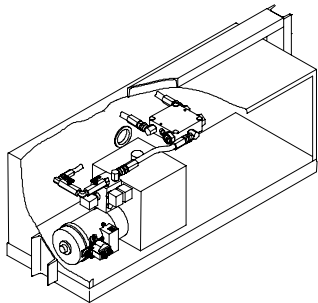
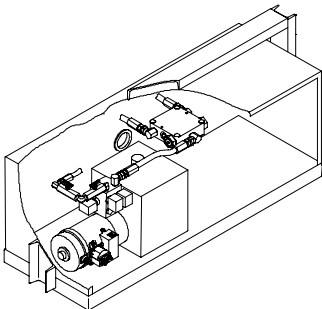
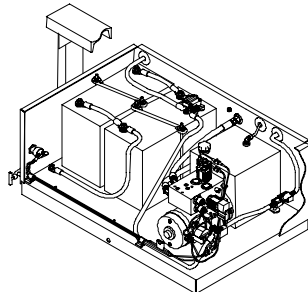
1-30-09
 6095E
 01

PM-776

ITEM	PART NUMBER	QTY	DESCRIPTION
1	40111030-1	1	36" x 80" Deck Assy
	40111030-2	1	42" x 80" Deck Assy
	40111040-1	1	36" x 86" Deck Assy
	40111040-2	1	42" x 86" Deck Assy
2	31256501	1	Inner Guard Rail Assy (Curb Side)(80")
	32256501	1	Inner Guard Rail Assy (Curb Side)(86")
3	40157500	1	Outer Guard Rail Assy (Curb Side)
4	75089541	16	1/4" Dia. x 1-7/8" Coiled Pin
5	40157036	2	Side Rail Assy (36")
	40157042	2	Side Rail Assy (42")
6	75088061	18	1" S.A.E. Washer
7	75086215	4	1/4"-20 x 2-1/2" Hex Bolt (Grade 8)
8	85803550-1	4	Linkage Retainer Collar
9	75085161	4	1/4"-20 Locknut (Grade 8)
10	40154800	2	Linkage Plate
11	40155000	2	Platform Support Linkage Assy
12	85803456	2	Double Clevis (Includes clevis pins & cotter pins)
13	10370800	6	Pin
14	31214701	2	Bar Ramp Pivot
15	31214001	1	Ramp Assy
16	31256551	1	Inner Guard Rail Assy (Street Side)(80")
	32256551	1	Inner Guard Rail Assy (Street Side)(86")
17	40157550	1	Outer Guard Rail Assy (Street Side)
18	75089557	2	1/4" Dia. x 1-1/2" Coiled Pin
19	75089756	2	Compression Spring
20	36459501	2	Guard Rail Latch Housing
21	36458501	2	Guard Rail Latch Handle Assy
22	75089305	4	Grease Fitting

WDL & WDL RM HYDRAULICS & CONTROLS

(Built thru 10-05)

Common Features • Power up/Gravity down (standard) • Power up/Power down (Special – contact Engineering for assistance) • Cylinder closing • Controls on Curb Side		
WDL Series – Push Button control Built thru 10-98 If Built prior to 3-95 see Note 2 below	WDL RM Series – Super Switch control. Pump is in an enclosure with a hinged front door Built from 10-98 thru 1-01	WDL RM Series – Super Switch control. Pump is in an enclosure with a removable cover Built from 1-01 thru 10-05
		
Liftgate Hydraulic and Single Pump Hydraulic Layout PM-350 Single Pump w/ Hand Pump Hydraulic Layout PM-384 Dual Pump Hydraulic Layout PM-383 Electrical Layout PM-351	Liftgate Hydraulic and Single Pump Hydraulic Layout PM-478 Single Pump w/ Hand Pump Hydraulic Layout PM-480 Dual Pump Hydraulic Layout PM-479 Electrical Layout PM-481	Liftgate Hydraulic and Electrical Layout PM-532 (Built 1-01 thru 4-04) PM-532A (Built 4-04 thru 10-05) Single Pump and Single Pump w/ Hand Pump Hydraulic and Electrical Layout PM-534A (Built 1-01 thru 7-04) PM-534 (Built 7-04 thru 4-05) PM-534B (Built 4-05 thru 6-05) PM-534C (Built 6-05 thru 10-05) Dual Pump Hydraulic and Electrical Layout PM-535A (Built 1-01 thru 7-04) PM-535 (Built 7-04 thru 6-05) PM-535B (Built 6-05 thru 10-05)

80101035 Rev. 04 8/10

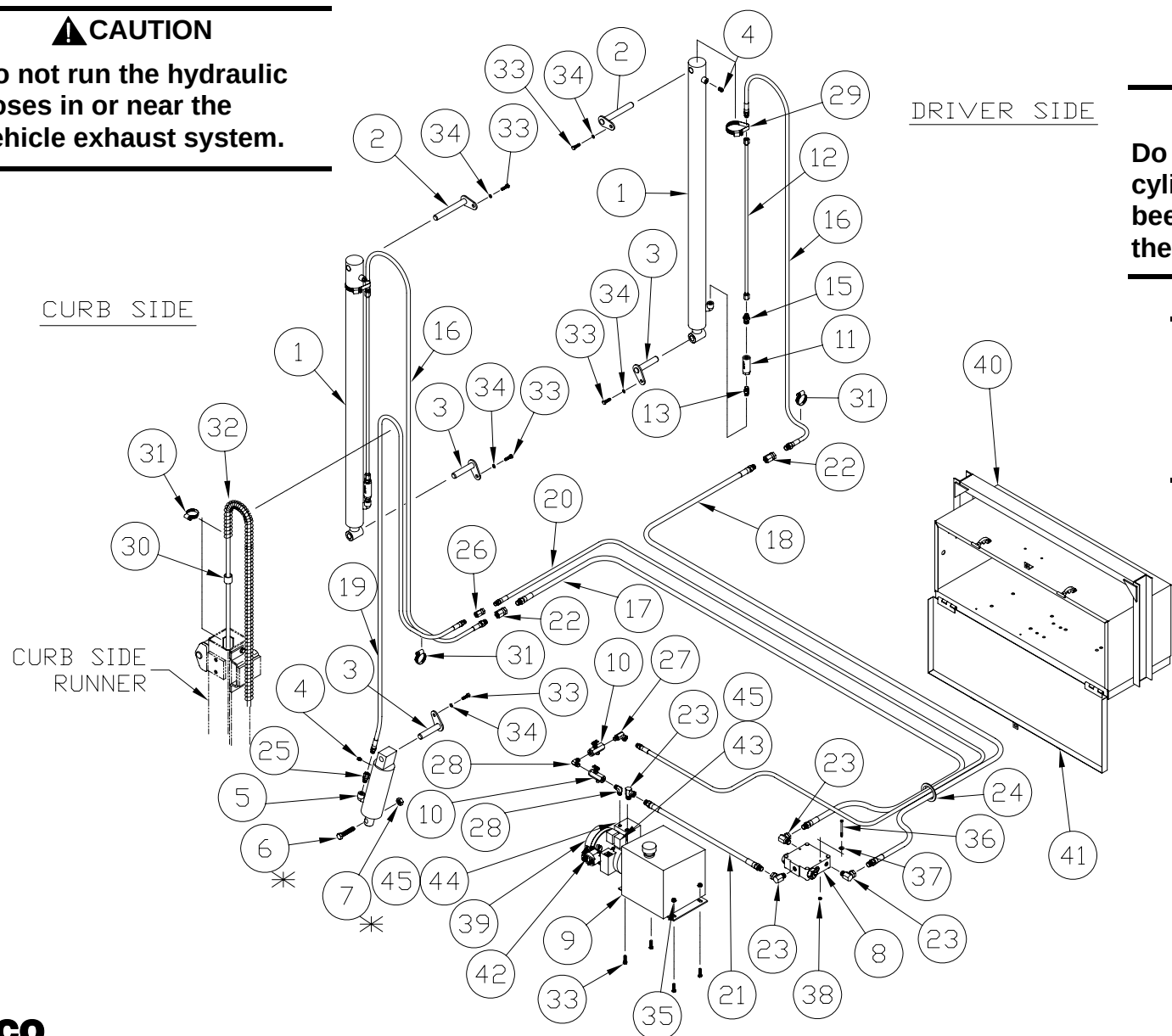
NOTES:

1. We have built several different SP pump enclosures over the years for different customers. When ordering enclosure parts (Doors, latches etc) it is important to have the customer measure the overall size of his current enclosure to be sure you get the correct parts.
2. Refer to [Tech Tip TT970015](#) when customer wants to order a closer cylinder for liftgates built prior to 4/1/95.

[Click here for list of liftgate serial numbers, organized by approximate ship dates.](#)

LIFTGATE & SINGLE PUMP HYDRAULIC LAYOUT

(Built thru 10-98)



Do not connect hose to the lift cylinder until the system has been bled and all air is out of the system.

These are special high grade nuts and bolts and must be purchased from Waltco.

WALTCO
TRUCK EQUIPMENT CO.
WDL SERIES

REVISED: 8-1-09
E.O. 6251
REV. 14

PM-350

ITEM	PART NUMBER	QTY	DESCRIPTION
1	32680050 ^A	2	Lift Cylinder
2	85803345 ^A	2	Upper Lift Cylinder Pin
3	85803343 ^A	3	Cylinder Pin
4	75089315	3	Breather
5	32480011 ^B	1	Closer Cylinder
*6	75086236	1	Lower Closer Cylinder Bolt(Special 5/8"-18UNF x 2-1/2" Lg. Grade 8)
*7	75085183	1	5/8"-18 Lock Nut(Grade 8)
8	85803810	1	Flow Divider Valve
9	70400975	1	Hydraulic Pump Unit - Single Pump
10	70189860	2	Adjustable Flow Control Valve
11	85803806	2	Pressure Compensated Flow Control Valve
12	85803813	2	Fluid Line Assembly
13	75082614	2	1/4" NPT x 1/4" NPT Male Pipe Nipple
15	85803804	2	1/4" NPT x 1/4" Tube Adapter
16	85803812	2	1/4" x 3/8" NPT x 3/8" Tube x 115" Lg. Hose Assembly
17	75083069	1	3/8" x 3/8" NPT x 3/8" NPT x 65" Lg. Hose Assembly (Truck Kit only)
	75083078	2	3/8" x 3/8" NPT x 3/8" NPT x 372" Lg. Hose Assembly (Trailer Kit only)
18	75083079	1	3/8" x 3/8" NPT x 3/8" NPT x 135" Lg. Hose Assembly (Truck Kit only)
19	85803917	1	Hose and Cable Assembly (Hose Sold as Assembly Only)
20	75083076	1	1/4" x 1/4" NPT x 1/4" NPT x 76" Lg. Hose Assembly (Truck Kit only)
	75083077	1	1/4" NPT x 1/4" NPT x 372" Lg. Hose Assembly (Trailer Kit Only)
21	75083055	1	3/8" x 3/8" NPT x 3/8" NPT x 22" Lg. Hose Assembly
22	75082922	2	3/8" NPT Female Swivel Adapter
23	75083036	4	3/8" NPT 90° Swivel Elbow
24	85803439	1	2-1/8" ID Rubber Grommet
25	75082912	1	1/4" NPT Straight Swivel Adapter
26	75082921	1	1/4" NPT Female Swivel Adapter
27	75083031	1	1/4" NPT 90° Swivel Elbow
28	75082611	2	1/4" NPT 90° Male Elbow
29	85803469	2	3" Dia. Hose Clamp

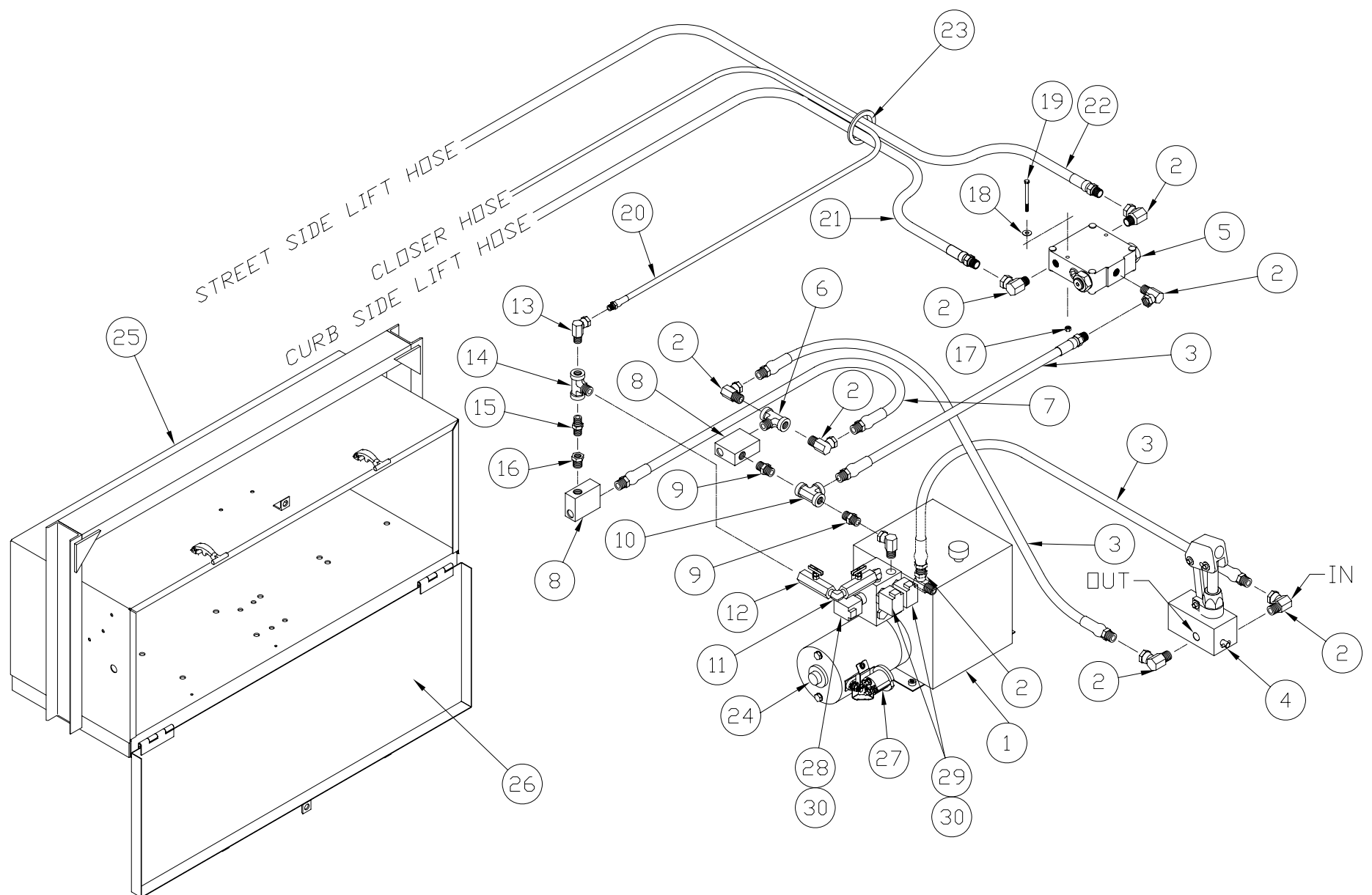
ITEM	PART NUMBER	QTY	DESCRIPTION
30	85803395	1	Spring Guard Bushing
31	85803470	3	1-3/4" Dia. Hose Clamp
32	85803819	1	Spring Guard
33	75086055 ^A	9	3/8"-16 x 3/4" Hex Head Screw
34	75088081 ^A	5	3/8" Lock Washer
35	75085005	2	3/8"-16 Serrated Hex Nut
36	75086012	2	1/4"-20 x 2-1/2" Hex Head Screw
37	75088051	2	1/4" Plain Washer
38	75085175	2	1/4"-20 Hex Locknut
39	70400858	1	Motor/Solenoid Assembly
40	85803901	1	Hydraulic Enclosure Assembly Complete
41	85803910	1	Hydraulic Enclosure Door (with Hinges)
42	80001065	1	Solenoid Kit
43	70092503	2	Solenoid Valve, 2 way, 2 pos, w/ Coil
44	70092501	1	Solenoid Valve, 3 way, 2 pos, w/ Coil
45	70402303	3	Coil, 10V, 25W

^A Included in Lift Cylinder Replacement Kit 80000941 (One cylinder per kit)

^B Closure hub kit must be purchased when ordering hubs or closure cylinder on gates built before 4/1/95. Part # 80000654.
Refer to [Tech Tip TT970015](#) for more information.

These are special high grade nuts and bolts and must be purchased from Waltco.

SINGLE PUMP w/ HAND PUMP HYDRAULIC LAYOUT (Built thru 10-98)



WALTCO
TRUCK EQUIPMENT CO.
WDL SERIES

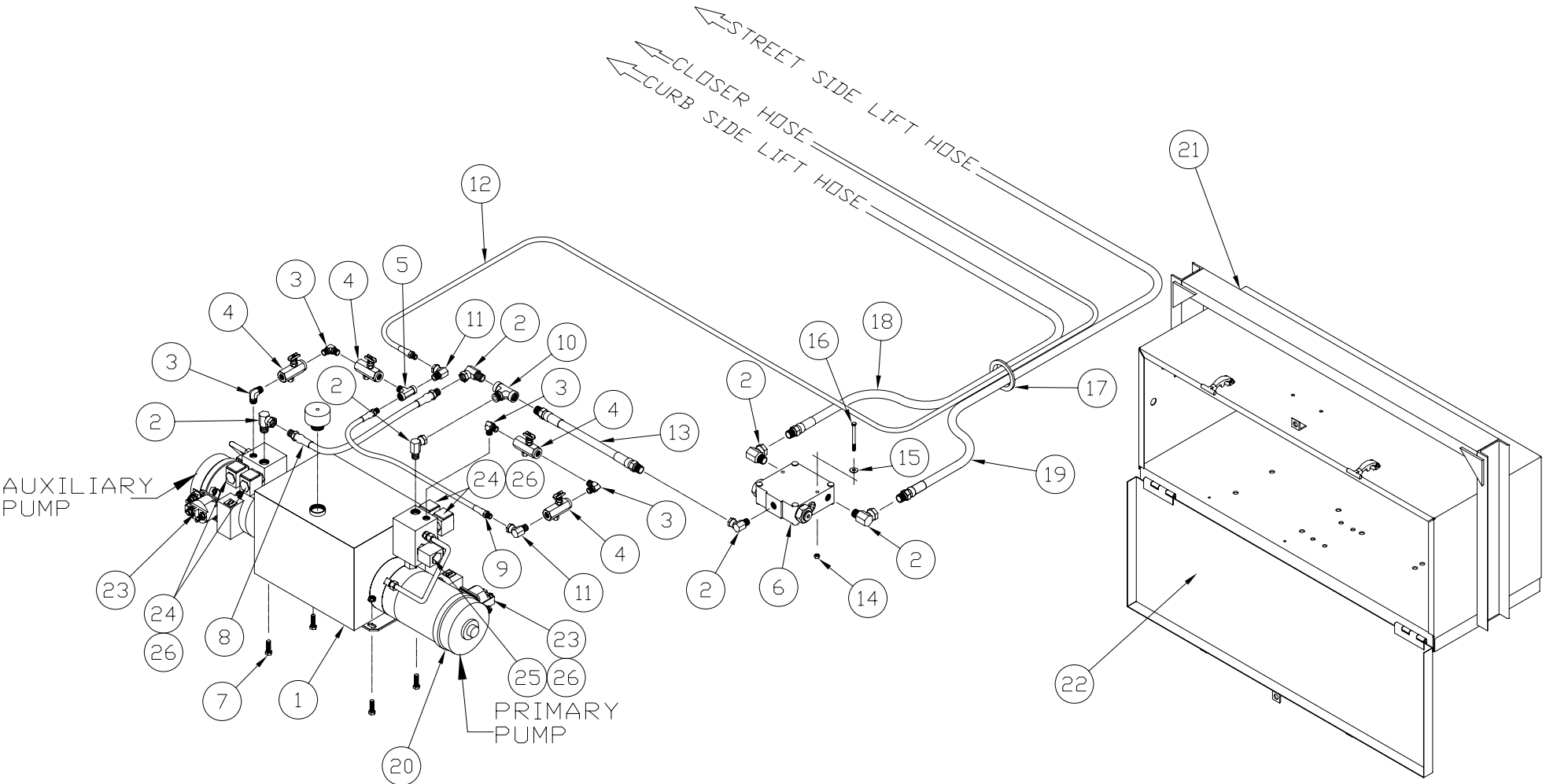
REVISED: 8-1-09
E.O. 6251
REV. 07

PM-384

ITEM	PART NUMBER	QTY	DESCRIPTION
1	70400975	1	Hydraulic Pump Unit
2	75083036	9	3/8" NPT 90° Swivel Elbow
3	75083055	3	3/8" x 3/8" NPT x 3/8" NPT x 22" Lg. Hose Assembly
4	99082005	1	Hand Pump
5	85803810	1	Flow Divider Valve
6	75082859	1	3/8" NPT Female Tee (Male on Side)
7	75083067	1	3/8" x 3/8" NPT x 3/8" NPT x 30" Lg. Hose Assembly
8	70189846	2	3/8" NPT Check Valve
9	75082613	2	3/8" NPT Male Nipple
10	75082860	1	3/8" NPT Female Tee
11	75082611	2	1/4" NPT Male Elbow
12	70189860	2	Adjustable Flow Control Valve
13	75083031	1	1/4" NPT 90° Swivel Elbow
14	75082858	1	1/4" NPT Female Tee (Male on Side)
15	75082614	1	1/4" NPT Male Nipple
16	75082908	1	3/8" NPT Male x 1/4" NPT Female Bushing
17	75085175	2	1/4"-20 Hex Nut
18	75088051	2	1/4" Flat Washer
19	75086012	2	1/4"-20 x 2-1/2" Hex Head Screw
20	75083076	1	1/4" x 1/4" NPT x 1/4" NPT x 76" Lg. Hose Assembly (Truck Kit Only)
	75083077	1	1/4" x 1/4" NPT x 1/4" NPT x 372" Lg. Hose Assembly (Trailer Kit Only)
21	75083069	1	3/8" x 3/8" NPT x 3/8" NPT x 65" Lg. Hose Assembly (Truck Kit Only)
	75083078	2	3/8" x 3/8" NPT x 3/8" NPT x 372" Lg. Hose Assembly (Trailer Kit Only)
22	75083079	1	3/8" x 3/8" NPT x 3/8" NPT x 135" Lg. Hose Assembly (Truck Kit Only)
23	85803439	1	2-1/8" I.D. Rubber Grommet
24	70400858	1	Motor/Solenoid Assembly
25	85803901	1	Hydraulic Enclosure Assembly Complete
26	85803910	1	Hydraulic Enclosure Door (with Hinges)
27	80001065	1	Solenoid Kit
28	70092501	1	Solenoid Valve, 3 way, 2 pos, w/ Coil
29	70092503	2	Solenoid Valve, 2 way, 2 pos, w/ Coil

ITEM	PART NUMBER	QTY	DESCRIPTION
30	70402303	3	Coil, 10V, 25W

DUAL PUMP HYDRAULIC LAYOUT
(Built thru 10-98)



WALTCO
TRUCK EQUIPMENT CO.
WDL SERIES

REVISED: 8-1-09
E.O. 6251
REV. 07

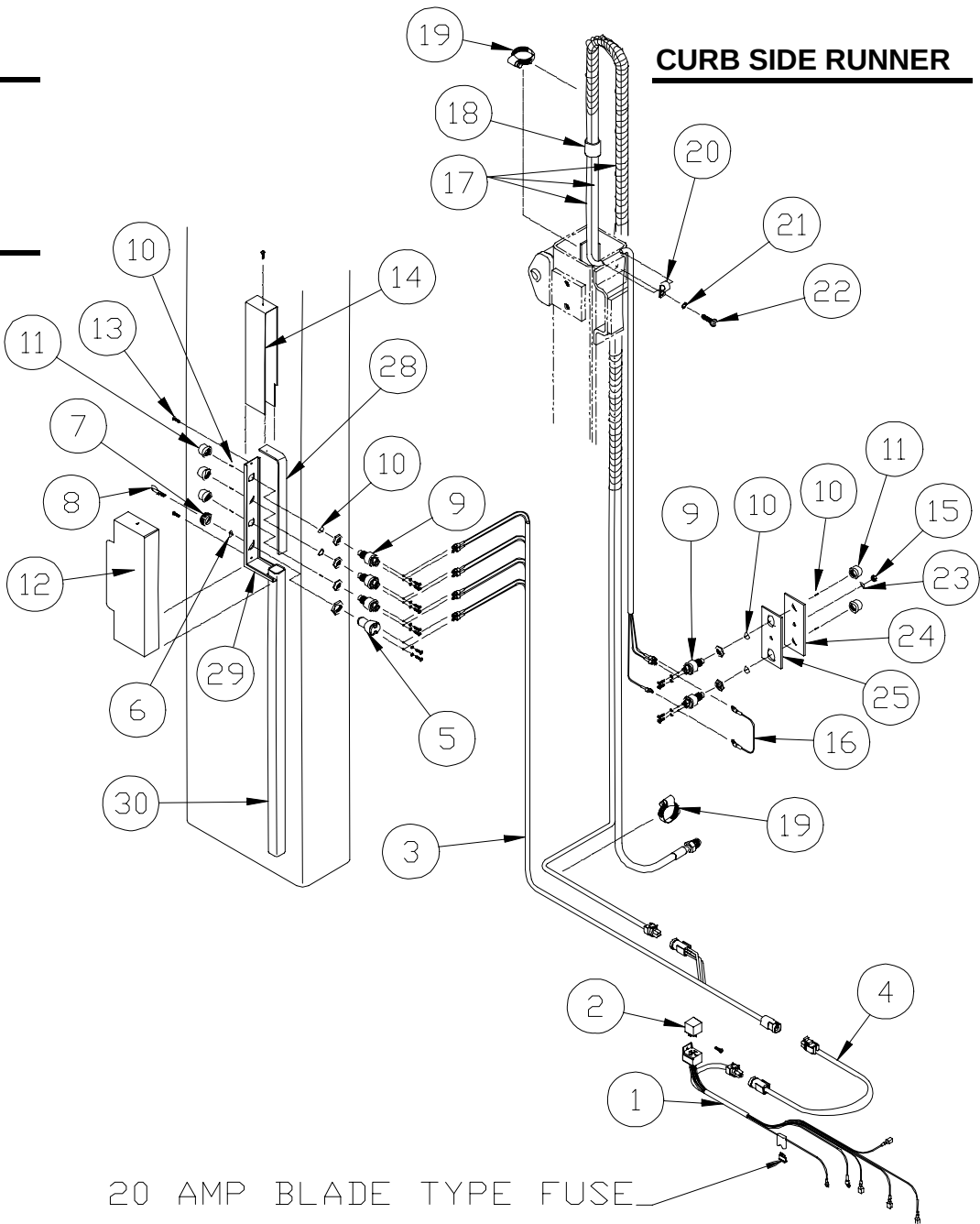
PM-383

ITEM	PART NUMBER	QTY	DESCRIPTION
1	70401000	1	Dual Pump Hydraulic Unit
2	75083036	6	3/8" NPT 90° Swivel Elbow
3	75082611	4	1/4" NPT 90° Male Elbow
4	70189860	4	Adjustable Flow Control Valve
5	75082858	1	1/4" NPT Female Tee (Male on Side)
6	85803810	1	Flow Divider Valve
7	75086055	4	3/8"-16 x 3/4" Hex Head Bolt
8	75083054	1	3/8" x 3/8" NPT x 3/8" NPT x 14" Lg. Hose Assembly
9	75083066	1	1/4" x 1/4" NPT x 1/4" NPT x 19" Lg. Hose Assembly
10	75082859	1	3/8" NPT Female Tee (Male on Side)
11	75083031	2	1/4" NPT 90° Swivel Elbow
12	75083076	1	1/4" x 1/4" NPT x 1/4" NPT x 76" Lg. Hose Assembly (Truck Kit Only)
	75083077	1	1/4" x 1/4" NPT x 1/4" NPT x 372" Lg. Hose Assembly (Trailer Kit Only)
13	75083055	1	3/8" x 3/8" NPT x 3/8" NPT x 22" Lg. Hose Assembly
14	75085175	2	1/4"-20 Hex Lock Nut
15	75088051	2	1/4" Flat Washer
16	75086012	2	1/4"-20 x 2-1/2" Hex Head Screw
17	85803439	1	2-1/8" I.D. Rubber Grommet
18	75083069	1	3/8" x 3/8" NPT x 3/8" NPT x 65" Lg. Hose Assembly (Truck Kit Only)
	75083078	2	3/8" x 3/8" NPT x 3/8" NPT x 372" Lg. Hose Assembly (Trailer Kit Only)
19	75083079	1	3/8" x 3/8" NPT x 3/8" NPT x 135" Lg. Hose Assembly (Truck Kit Only)
20	70400858	2	Motor/Solenoid Assembly
21	85803901	1	Hydraulic Enclosure Assembly Complete
22	85803910	1	Hydraulic Enclosure Door (with Hinges)
23	80001065	2	Solenoid Kit
24	70092503	4	Solenoid Valve, 2 way, 2 pos, w/ Coil
25	70092501	2	Solenoid Valve, 3 way, 2 pos, w/ Coil
26	70402303	6	Coil, 10V, 25W

ELECTRICAL LAYOUT
(Built thru 10-98)

CAUTION

Do not run the hydraulic hoses in or near the vehicle exhaust system.



WALTCO
TRUCK EQUIPMENT CO.
WDL SERIES

REVISED: 09/28/01
E.O. 4585
REV. 09

PM-351

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31491801	1	Motor Wiring Harness w/ Relay Socket & Fuse Holder
2	85803921	1	Relay 12 Volt/30 Amp
3	85803919	1	Control Wiring Harness
4	85803946	1	Control Harness Extension (Trailer Kit Only)
5	75089782	1	Key Switch w/ Jam Nut
6	75000030	1	"O" Ring
7	75089769	1	Rubber Key Switch Cap
8	75089783	1	Switch Key
9	75089805 ^B	5	Push Button Switch w/ Jam Nut
10	75000520 ^B	10	Seal Ring
11	75089768	5	Rubber Push Button Switch Cap
12	85803923	1	Switch Box Cover
13	75086852 ^B	3	# 8-32 X 3/8" Self Tapping Screw
14	37475103	1	Dielectric Insulation
15	75085175 ^B	1	1/4"-20 Hex Nut
16	85803913 ^B	1	Jumper Wire Assembly
17	85803917 ^A	1	Hose and Cable Assembly
18	85803395	1	Spring Guard Bushing
19	85803470	2	1-3/4" Hose Clamp
20	75083043	1	5/16" Hose Clamp
21	75088081	1	3/8" Lock Washer
22	75086055	1	3/8"-16 x 3/4" Hex Hd Screw
23	75088079 ^B	1	1/4" Lock Washer
24	85803468	1	Switch Mounting Plate
25	85803467 ^B	1	Gasket Switch Cover
26	80000581	5	Switch Kit (Includes Items 9 thru 11)
27	80000570	1	Switch Box Kit (Includes Items 28 & 29)
28	37474303	1	Switch Box Mount Bracket
29	85803922	1	Switch Mount Bracket
30	37474101	1	Control Wire Tube

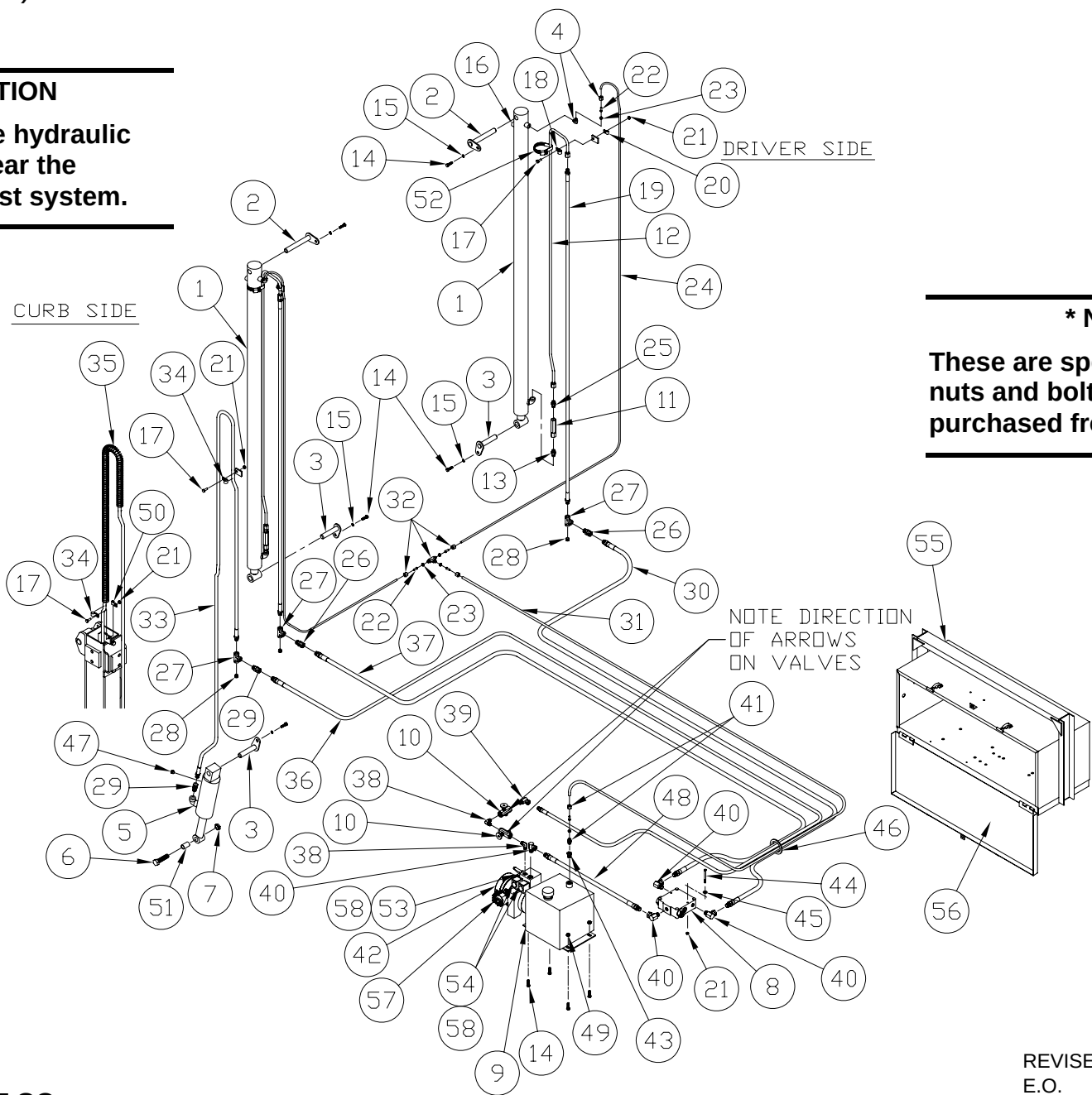
^A Included in Replacement Assembly 85803917. Not sold separately.

^B Included in Push Button Switch Replacement Kit 80000953.

LIFTGATE & SINGLE PUMP HYDRAULIC LAYOUT
(Built 10-98 thru 1-01)

CAUTION

Do not run the hydraulic hoses in or near the vehicle exhaust system.



* NOTE

These are special high grade nuts and bolts and must be purchased from Waltco.

WALTCO
TRUCK EQUIPMENT CO.
WDL RM SERIES

REVISED: 8-1-09
E.O. 6251
REV. 10

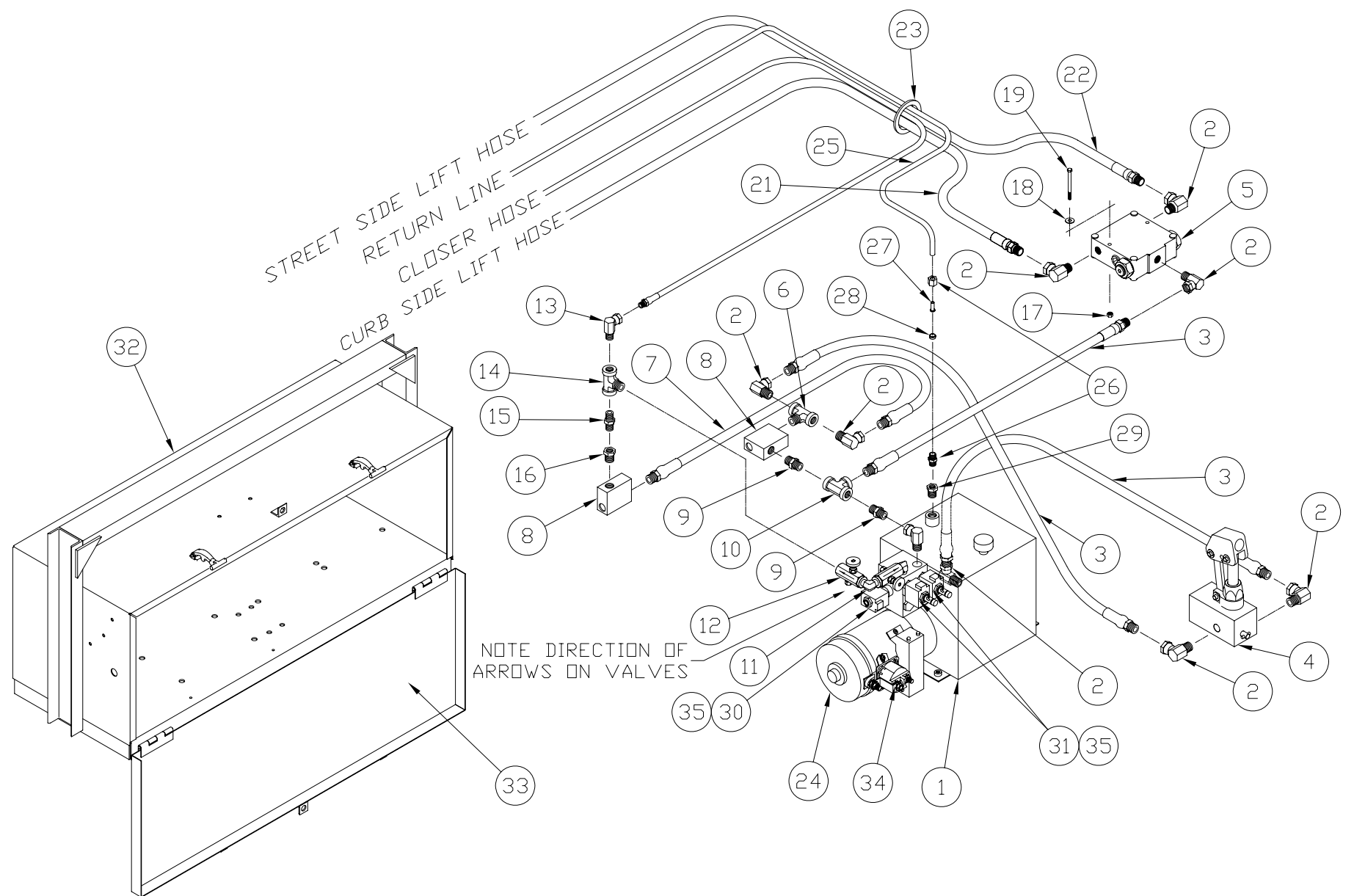
PM-478

ITEM	PART NUMBER	QTY	DESCRIPTION
1	32680051 ^A	2	Lift Cylinder
2	31470501 ^A	2	Upper Lift Cylinder Pin
3	31471501 ^{AB}	3	Cylinder Pin
4	75082877	2	1/4" NPT x 1/4" Compression 90° Elbow
5	32480012 ^B	1	Closer Cylinder
*6	75086236 ^B	1	Lower Closer Cylinder Bolt (Special 5/8"-18UNF x 2-1/2" Lg. Grade 8)
*7	75085183 ^B	1	5/8"-18 Lock Nut (Grade 8)
8	85803810	1	Flow Divider Valve
9	70400975	1	Hydraulic Pump Unit - Single Pump
10	70189860	2	Adjustable Flow Control Valve
11	85803806	2	Pressure Compensated Flow Control Valve
12	31493301	2	Fluid Line Assembly
13	75082614	2	1/4" NPT x 1/4" NPT Male Pipe Nipple
14	75086055 ^{AB}	9	3/8"-16 x 3/4" Hex Head Screw
15	75088081 ^{AB}	5	3/8" Lock Washer
16	31493601	2	Bleeder Screw w/ Seal Washer
17	75086062	4	1/4"-20 x 3/4" Lg. Hex Bolt (Grade 5)
18	75082881	2	Hose Clamp Insulated 3/8" I.D.
19	75083092	2	1/4" x 1/4" NPT x 3/8" Tube x 89-5/8" Lg. Hose Assembly
20	75082879	2	Hose Clamp Insulated 1/4" I.D.
21	75085161	6	1/4"-20 Hex Locknut
22	75082874 ^A	5	Brass Insert (For Compression Fittings)
23	75082873 ^A	5	Delrin Sleeve (For Compression Fittings)
24	31493101 ^A	2	1/4" O.D. x 192" Lg. Nylon Tubing
25	85803804	2	1/4" NPT x 1/4" Tube Adapter
26	75082916	2	1/4" NPT Male x 3/8" NPT Male Swivel Adapter
27	75082861	3	1/4" NPT Female Tee
28	75089559	6	1/4" NPT Plug
29	75082912	2	1/4" NPT Male x 1/4" NPT Male Swivel
30	75083079	1	3/8" x 3/8" NPT x 3/8" NPT x 135" Lg. Hose Assembly (Truck Kit only)
31	82021039	1	1/4" OD x 14 ft. Nylon Tubing (for Trucks)
	82021039	1	1/4" OD x 36 ft. Nylon Tubing(for Trailers)
32	75082876	1	1/4" Compression Tee
33	75083093	1	1/4" x 1/4" NPT x 1/4" NPT x 170" Lg. Hose Assembly

ITEM	PART NUMBER	QTY	DESCRIPTION
34	75083044	2	Hose Clamp Insulated 1/2" I.D.
35	31493501	1	Spring Guard
36	75083076	1	1/4" x 1/4" NPT x 1/4" NPT x 76" Lg. Hose Assembly (Truck Kit only)
	75083077	1	1/4" NPT x 1/4" NPT x 372" Lg. Hose Assembly (Trailer Kit Only)
37	75083069	1	3/8" x 3/8" NPT x 3/8" NPT x 65" Lg. Hose Assembly (Truck Kit only)
	75083078	2	3/8" x 3/8" NPT x 3/8" NPT x 372" Lg. Hose Assembly (Trailer Kit only)
38	75082611	2	1/4" NPT 90° Male Elbow
39	75083031	1	1/4" NPT 90° Swivel Elbow
40	75083036	4	3/8" NPT 90° Swivel Elbow
41	75082878	1	1/4" NPT Male x 1/4" Compression Adapter
42	70400858	1	Motor/Solenoid Assembly
43	75082908	1	3/8" NPT Male x 1/4" NPT Female Bushing
44	75086012	2	1/4"-20 x 2-1/2" Hex Head Screw
45	75088051	2	1/4" Plain Washer
46	85803439	1	2-1/8" ID Rubber Grommet
47	75089315	1	Breather
48	75083055	1	3/8" x 3/8" NPT x 3/8" NPT x 22" Lg. Hose Assembly
49	75085005	2	3/8"-16 Serrated Hex Nut
50	75082880	2	Hose Clamp Insulated 5/16" I.D.
51	32481712	1	3/4" O.D. x 5/8" I.D. x 1-1/4" Lg. Bearing
52	85803469	2	3" Dia. Hose Clamp
53	70092501	1	Solenoid Valve, 3 way, 2 pos, w/ Coil
54	70092503	2	Solenoid Valve, 2 way, 2 pos, w/ Coil
55	85803901	1	Hydraulic Enclosure Assembly Complete
56	85803910	1	Hydraulic Enclosure Door (with Hinges)
57	80001065	1	Solenoid Kit
58	70402303	3	Coil, 10V, 25W

^A Included in Lift Cylinder Replacement Kit 80000942.
^B Included in Lift Cylinder Replacement Kit 80000944.

SINGLE PUMP w/ HAND PUMP HYDRAULIC LAYOUT
(Built 10-98 thru 1-01)



WALTCO
TRUCK EQUIPMENT CO.
WDL RM SERIES

REVISED: 8-1-09
E.O. 6251
REV. 10

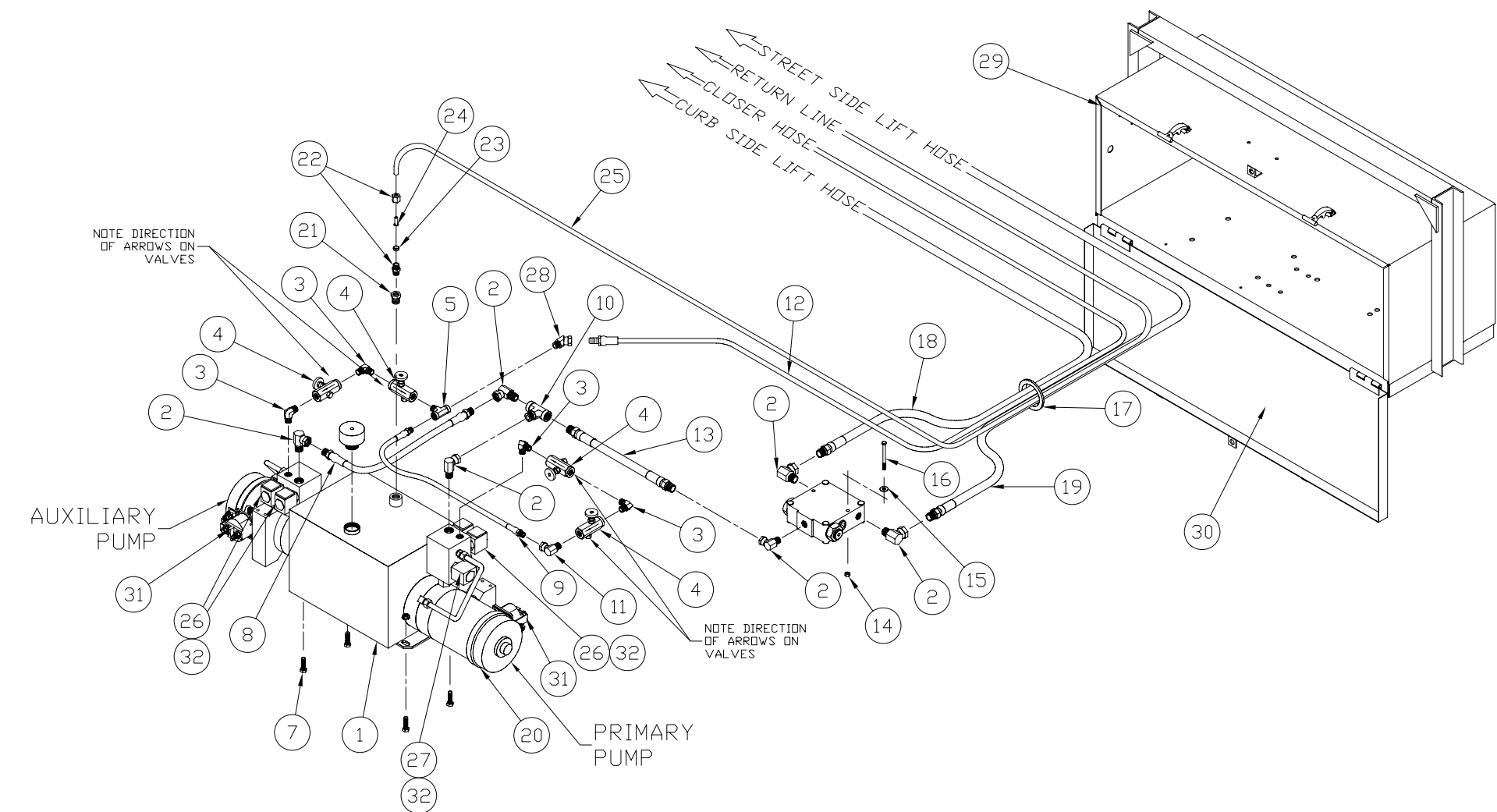
PM-480

ITEM	PART NUMBER	QTY	DESCRIPTION
1	70400975	1	Hydraulic Pump Unit
2	75083036	9	3/8" NPT 90° Swivel Elbow
3	75083055	3	3/8" x 3/8" NPT x 3/8" NPT x 22" Lg. Hose Assembly
4	70401150	1	Hand Pump w/ Handle
5	85803810	1	Flow Divider Valve
6	75082859	1	3/8" NPT Female Tee (Male on Side)
7	75083067	1	3/8" x 3/8" NPT x 3/8" NPT x 30" Lg. Hose Assembly
8	70189846	2	3/8" NPT Check Valve
9	75082613	2	3/8" NPT Male Nipple
10	75082860	1	3/8" NPT Female Tee
11	75082611	2	1/4" NPT Male Elbow
12	70189860	2	Adjustable Flow Control Valve
13	75083031	1	1/4" NPT 90° Swivel Elbow
14	75082858	1	1/4" NPT Female Tee (Male on Side)
15	75082614	1	1/4" NPT Male Nipple
16	75082908	1	3/8" NPT Male x 1/4" NPT Female Bushing
17	75085161	2	1/4"-20 Hex Nut
18	75088051	2	1/4" Flat Washer
19	75086012	2	1/4"-20 x 2-1/2" Hex Head Screw
20	75083076	1	1/4" x 1/4" NPT x 1/4" NPT x 76" Lg. Hose Assembly (Truck Kit Only)
	75083077	1	1/4" x 1/4" NPT x 1/4" NPT x 372" Lg. Hose Assembly (Trailer Kit Only)
21	75083069	1	3/8" x 3/8" NPT x 3/8" NPT x 65" Lg. Hose Assembly (Truck Kit Only)
	75083078	2	3/8" x 3/8" NPT x 3/8" NPT x 372" Lg. Hose Assembly (Trailer Kit Only)
22	75083079	1	3/8" x 3/8" NPT x 3/8" NPT x 135" Lg. Hose Assembly (Truck Kit Only)
23	85803439	1	2-1/8" I.D. Rubber Grommet
24	70400854	1	Motor/Solenoid Assembly
25	82021039	1	1/4" O.D. x 14 ft. Nylon Tubing (for Trucks)
	82021039	1	1/4" O.D. x 36 ft. Nylon Tubing (for Trailers)
26	75082878	1	1/4" NPT x 1/4" Compression Adapter

ITEM	PART NUMBER	QTY	DESCRIPTION
27	75082874	1	Brass Insert (Compression Fittings)
28	75082873	1	Delrin Sleeve
29	75082908	1	3/8" NPT Male x 1/4" NPT Female Bushing
30	70092501	1	Solenoid Valve, 3 way, 2 pos, w/ Coil
31	70092517	2	Solenoid Valve, 2 way, 2 pos, w/ Coil & Manual Override
32	85803901	1	Hydraulic Enclosure Assembly Complete
33	85803910	1	Hydraulic Enclosure Door (with Hinges)
34	80001065	1	Solenoid Kit
35	70402303	3	Coil, 10V, 25W

DUAL PUMP HYDRAULIC LAYOUT

(Built 10-98 thru 1-01)



WALTCO
TRUCK EQUIPMENT CO.
WDL RM SERIES

REVISED: 8-1-09
E.O. 6251
REV. 09

PM-479

ITEM	PART NUMBER	QTY	DESCRIPTION
1	70401000	1	Dual Pump Hydraulic Unit
2	75083036	6	3/8" NPT 90° Swivel Elbow
3	75082611	4	1/4" NPT 90° Male Elbow
4	70189860	4	Adjustable Flow Control Valve
5	75082858	1	1/4" NPT Female Tee (Male on Side)
6	85803810	1	Flow Divider Valve
7	75086055	4	3/8"-16 x 3/4" Hex Head Bolt
8	75083054	1	3/8" x 3/8" NPT x 3/8" NPT x 14" Lg. Hose Assembly
9	75083066	1	1/4" x 1/4" NPT x 1/4" NPT x 19" Lg. Hose Assembly
10	75082859	1	3/8" NPT Female Tee (Male on Side)
11	75083031	1	1/4" NPT 90° Swivel Elbow
12	75083076	1	1/4" x 1/4" NPT x 1/4" NPT x 76" Lg. Hose Assembly (Truck Kit Only)
	75083077	1	1/4" x 1/4" NPT x 1/4" NPT x 372" Lg. Hose Assembly (Trailer Kit Only)
13	75083055	1	3/8" x 3/8" NPT x 3/8" NPT x 22" Lg. Hose Assembly
14	75085161	2	1/4"-20 Hex Lock Nut
15	75088051	2	1/4" Flat Washer
16	75086012	2	1/4"-20 x 2-1/2" Hex Head Screw
17	85803439	1	2-1/8" I.D. Rubber Grommet
18	75083069	1	3/8" x 3/8" NPT x 3/8" NPT x 65" Lg. Hose Assembly (Truck Kit Only)
	75083078	2	3/8" x 3/8" NPT x 3/8" NPT x 372" Lg. Hose Assembly (Trailer Kit Only)
19	75083079	1	3/8" x 3/8" NPT x 3/8" NPT x 135" Lg. Hose Assembly (Truck Kit Only)
20	70400858	2	Motor/Solenoid Assembly
21	75082908	1	3/8" NPT Male x 1/4" NPT Female Bushing
22	75082878	1	1/4" NPT Male x 1/4" Compression Adapter
23	75082873	1	Delrin Sleeve (For Compression Fittings)
24	75082874	1	Brass Insert (For Compression Fittings)
25	82021039	1	1/4" O.D. x 14 ft. Nylon Tubing (for Trucks)
	82021039	1	1/4" O.D. x 36 ft. Nylon Tubing (for Trailers)

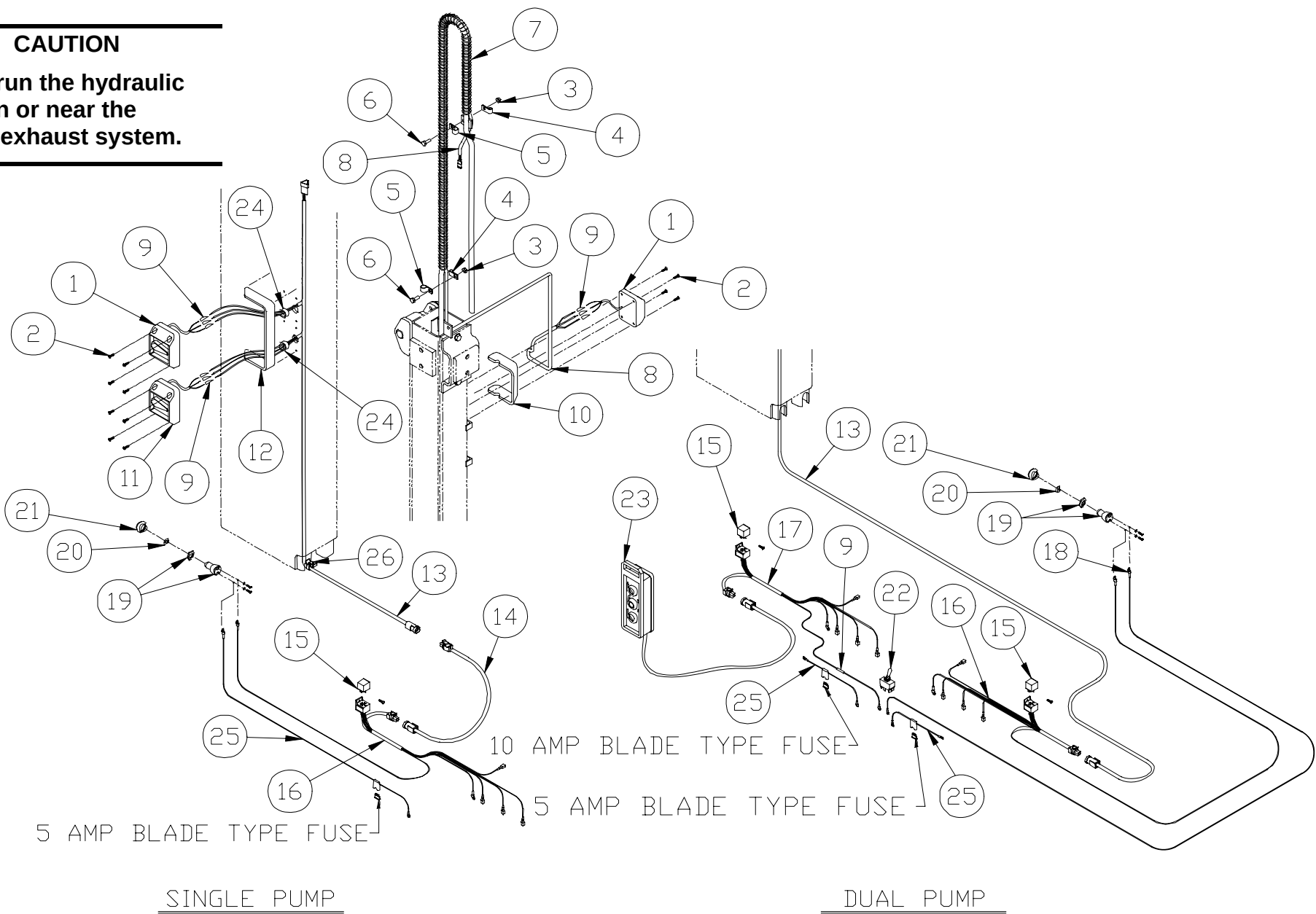
ITEM	PART NUMBER	QTY	DESCRIPTION
26	70092503	4	Solenoid Valve, 2 way, 2 pos, w/ Coil
27	70092501	2	Solenoid Valve, 3 way, 2 pos, w/ Coil
28	75083016	1	1/4" NPT 45° Swivel Elbow
29	85803901	1	Hydraulic Enclosure Assembly Complete
30	85803910	1	Hydraulic Enclosure Door (with Hinges)
31	80001065	1	Solenoid Kit
32	70402303	6	Coil, 10V, 25W

ELECTRICAL LAYOUT
(Built 10-98 thru 1-01)

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CAUTION

Do not run the hydraulic hoses in or near the vehicle exhaust system.



WALTCO
TRUCK EQUIPMENT CO.
WDL RM SERIES

REVISED:

E.O.

REV.

9-30-05

5221G

09

PM-481

ITEM	PART NUMBER	QTY	DESCRIPTION
1	80000425	2	Raise/Lower SuperSwitch™
2	75086860	12	#8-32 x 3/4" Lg. Self Tapping Screw
3	75085161	2	1/4"-20 Nylon Locknut
4	75082880	2	Hose Clamp Insulated 5/16" I.D.
5	75083044	2	Hose Clamp Insulated 1/2" I.D.
6	75086062	2	1/4"-20 x 3/4" Lg. Hex Bolt (Grade 5)
7	31493501	1	Spring Guard
8	31493402	1	Cable Inside Control
9	75082033	9	16 Ga. Butt Connector (Ten (10) used on Dual Pump Option)
10	31436101	1	Inside Control Switch Guard
11	80000844	1	Open/Close SuperSwitch™
12	31423101	1	Outside Control Switch Guard
13	31491902	1	Control Wiring Harness
14	31494601	1	Control Harness Extension (Trailer Kit Only)
15	85803921	1	Relay 12 Volt/30 Amp
16	31491802	1	Motor Wiring Harness w/ Relay Socket & Fuse Holder (Primary Pump)
17	31491801	1	Motor Wiring Harness w/ Relay Socket & Fuse Holder (Auxiliary Pump)
18	75082032	1	16 Ga. #10 Hole Ring Connector (Dual Pump Option Only)
19	75089782	1	Key Switch (Located in side of Enclosure)
20	75000030	1	"O" Ring
21	75089769	1	Rubber Key Switch Cap
22	75089804	1	Selector Switch (Dual Pump Option Only)
23	85803975	1	Auxiliary Push Button Switch Box (Dual Pump Option Only)
24	31492101	2	Plastic Grommet
25	31491701	1	Key Switch Control Wire (Two (2) used on Dual Pump Option)
26	75083041	1	Hose Clamp, 7/32" to 5/8" Dia.

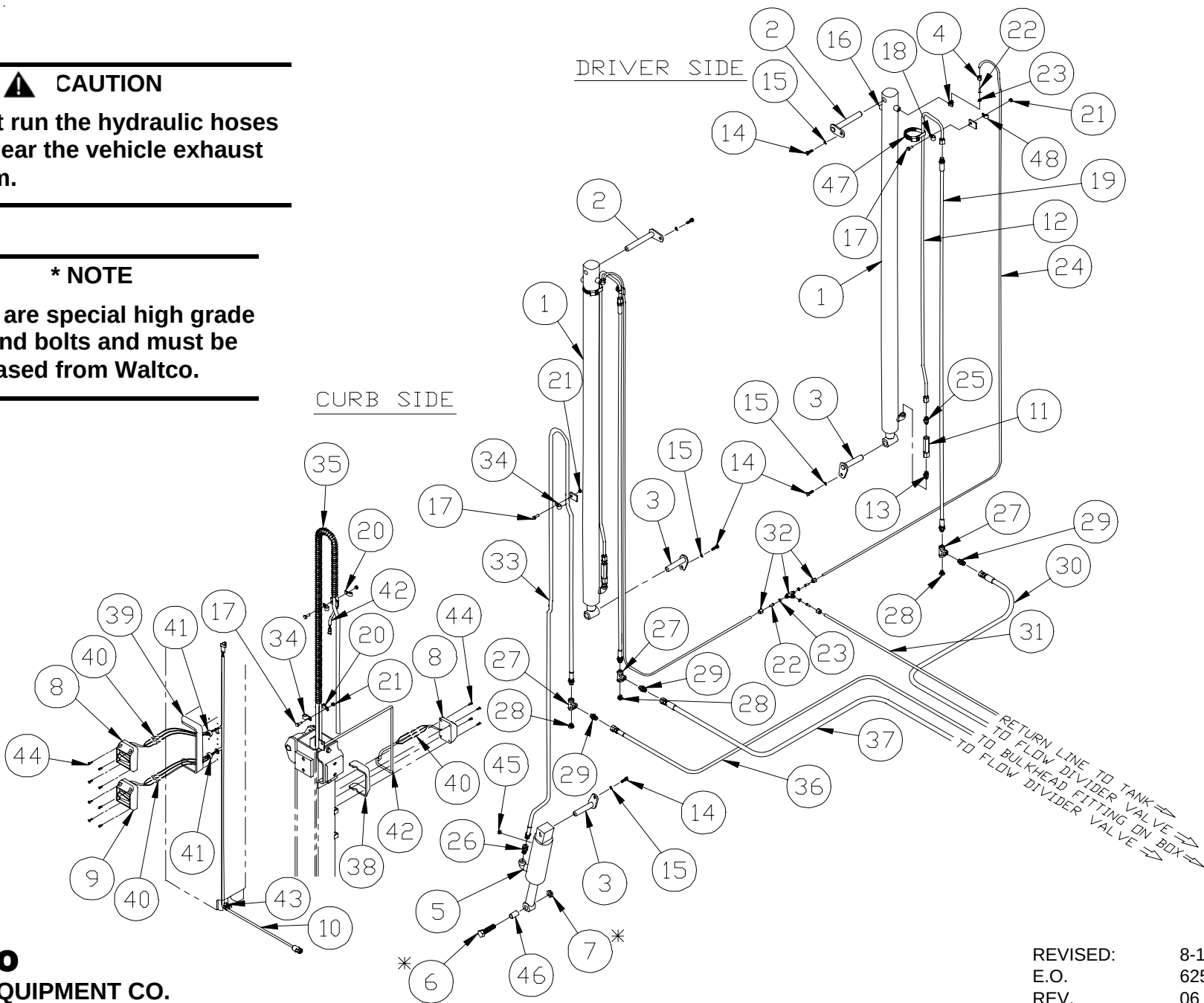
LIFTGATE HYDRAULIC AND ELECTRICAL LAYOUT
(Built 1-01 thru 4-04)

CAUTION

Do not run the hydraulic hoses in or near the vehicle exhaust system.

* NOTE

These are special high grade nuts and bolts and must be purchased from Waltco.



WALTCO
TRUCK EQUIPMENT CO.
WDL RM SERIES

REVISED: 8-1-09
E.O. 6251
REV. 06

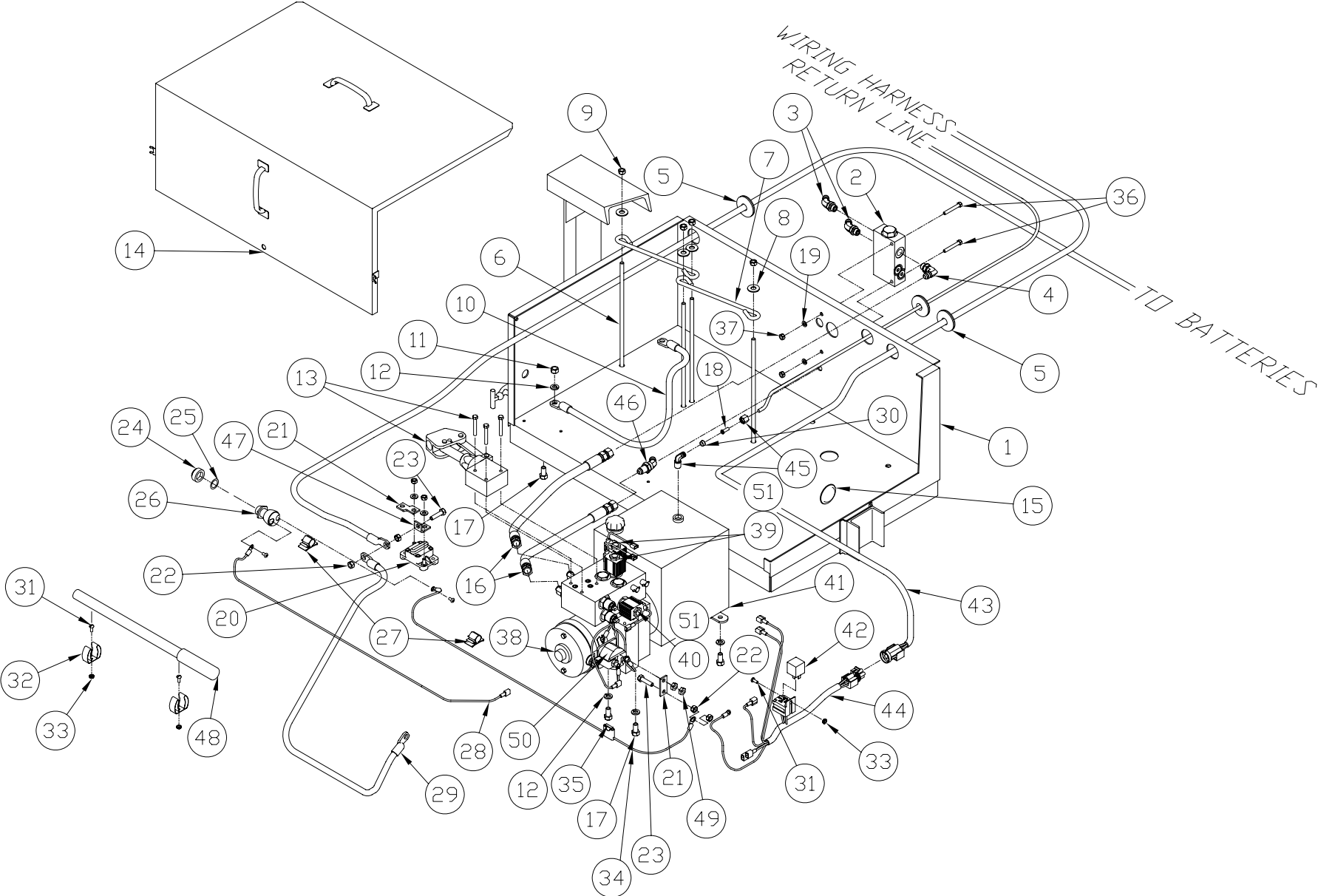
PM-532

ITEM	PART NUMBER	QTY	DESCRIPTION
1	32680051 ^A	2	Lift Cylinder
2	31470501 ^A	2	Upper Lift Cylinder Pin
3	31471501 ^{AB}	3	Cylinder Pin
4	75082877	2	1/4" NPT x 1/4" Compression 90° Elbow
5	32480012 ^B	1	Closer Cylinder
*6	75086236 ^B	1	Lower Closer Cylinder Bolt (Special 5/8"-18UNF x 2-1/2" Lg. Grade 8)
*7	75085183 ^B	1	5/8"-18 Lock Nut (Grade 8)
8	80000425	2	Raise/Lower SuperSwitch™
9	80000844	1	Open/Close SuperSwitch™
10	31491902	1	Control Wiring Harness
11	85803806	2	Pressure Compensated Flow Control Valve
12	31493301	2	Fluid Line Assembly
13	75082614	2	1/4" NPT x 1/4" NPT Male Pipe Nipple
14	75086055 ^{AB}	9	3/8"-16 x 3/4" Hex Head Screw
15	75088081 ^{AB}	5	3/8" Lock Washer
16	31493601	2	Bleeder Screw w/ Seal Washer
17	75086062	4	1/4"-20 x 3/4" Lg. Hex Bolt (Grade 5)
18	75082881	2	Hose Clamp Insulated 3/8" I.D.
19	75083105	2	9/16"-18 "O" Ring Male x 9/16"-18 37° Flare x 1/4" I.D. Tube x 88-7/8" Lg. Hose Assembly
20	75082880	2	Hose Clamp Insulated 5/16" I.D.
21	75085161	4	1/4"-20 Hex Locknut
22	75082874 ^A	5	Brass Insert (For Compression Fittings)
23	75082873 ^A	5	Delrin Sleeve (For Compression Fittings)
24	31493101 ^A	2	1/4" O.D. x 192" Lg. Nylon Tubing
25	85803804	2	1/4" NPT x 1/4" Tube Adapter
26	75082871	1	1/4"-18 NPT Male x 9/16" 37° Flare Female Swivel Adapter
27	75082862	3	9/16"-18 UNF SAE Straight Thread Female Tee
28	75082865	6	9/16"-18 "O" Ring Male Plug
29	75082882	3	9/16"-18 "O" Ring Male x 9/16"-18 37° Flare Male Adapter
30	75083099	1	9/16"-18 37° Flare Female x 9/16"-18 37° Flare Female x 3/8" I.D. x 135" Lg. Hose Assembly (Truck Kit only)
31	82021039	1	1/4" OD x 14 ft. Nylon Tubing (for Trucks)
	82021039	1	1/4" OD x 36 ft. Nylon Tubing(for Trailers)

ITEM	PART NUMBER	QTY	DESCRIPTION
32	75082876	1	1/4" Compression Tee
33	75083107	1	9/16"-18 37° Flare Male x 9/16"-18 "O" Ring Male x 170" Lg. Hose Assembly
34	75083044	2	Hose Clamp Insulated 1/2" I.D.
35	31493501	1	Spring Guard
36	75083103	1	9/16"-18 37° Flare Female x 9/16"-18 37° Flare Female x 1/4" I.D. x 76" Lg. Hose Assembly (Truck Kit only)
	75083104	1	9/16"-18 37° Flare Female x 9/16"-18 37° Flare Female x 1/4" I.D. x 372" Lg. Hose Assembly (Trailer Kit Only)
37	75083101	1	9/16"-18 37° Flare Female x 9/16"-18 37° Flare Female x 3/8" I.D. x 65" Lg. Hose Assembly (Truck Kit only)
	75083102	2	9/16"-18 37° Flare Female x 9/16"-18 37° Flare Female x 3/8" I.D. x 372" Lg. Hose Assembly (Trailer Kit only)
38	31436101	1	Inside Control Switch Guard
39	31423101	1	Outside Control Switch Guard
40	75082033	9	16 Ga. Butt Connector
41	31492101	2	Plastic Grommet
42	31493402	1	Cable Inside Control
43	75083041	1	Hose Clamp, 7/32" to 5/8" Dia.
44	75086860	12	#8-32 x 3/4" Lg. Self Tapping Screw
45	75089315	1	Breather
46	32481712	1	3/4" O.D. x 5/8" I.D. x 1-1/4" Lg. Bearing
47	85803469	2	3" Dia. Hose Clamp
48	75082879	2	Hose Clamp Insulated 1/4" I.D.

^A Included in Lift Cylinder Replacement Kit 80000942.
^B Included in Lift Cylinder Replacement Kit 80000944.

SINGLE PUMP AND SINGLE PUMP W/ HAND PUMP HYDRAULIC AND ELECTRICAL LAYOUT
(Built 1-01 thru 7-04)



WALTCO

TRUCK EQUIPMENT CO.

WDL RM SERIES

REVISED: 8-1-09

E.O. 6251

REV. 03

PM-534A

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31590001	1	Hydraulic Enclosure Assy (Direct Power Only)
	31690001	1	Hydraulic Enclosure Assy (Aux. Batteries Only)
2	70401675	1	Flow Divider Valve
3	75082866	2	45° Elbow, 9/16"-18 "O" Ring x 9/16"-18 37° Flare
4	75082869	1	90° Elbow, 9/16"-18 "O" Ring x 9/16"-18 37° Flare
5	75089343	3	Grommet, Split Rubber
6	10291804	2	Bar, Battery Retainer (Aux. Batteries Only)
7	10291403	2	Bar, Battery Retainer (Aux. Batteries Only)
8	75088053	4	Flat Washer, 3/8" (Aux. Batteries Only)
9	75085177	4	Nylon Locknut, 5/16"-18 (Aux. Batteries Only)
10	10195518	1	Battery Cable Assy, 18" (Aux. Batteries Only)
11	75085005	1	Hex Nut, 3/8"-16, Serrated
12	75088081	5	Lock Washer, 3/8"
13	70401650	1	Hand Pump Kit (Hand Pump Option Only)
14	31591001	1	Hydraulic Enclosure Cover (Direct Power Only)
	31691001	1	Hydraulic Enclosure Cover (Aux. Batteries Only)
15	75089572	1	Plastic Plug, 1-3/8" Hole
16	75083094	2	Hose Assy, 3/8" ID x 18-1/2" x 9/16"-18 37° Flare Fem.
17	75086055	5	Hex Bolt, 3/8"-16 x 3/4", Grade 5
18	75082874	1	Brass Insert (For Compression Adapter)
19	75088051	2	Flat Washer, 1/4"
20	75089243 ^A	1	Circuit Breaker, 150 Amp
21	10099500	2	Terminal Strip
22	75085003	4	Hex Nut, 5/16"-18, Serrated
23	75086217	2	Hex Bolt, 5/16"-18 x 1-1/4" lg.
24	75089769	1	Key Switch Cap
25	75000030	1	"O" Ring
26	75089782	1	Key Switch
27	75080062	3	Wire Clip
28	31491401	1	Wire, Key Switch Control
29	10195536	1	Battery Cable Assy, 36"
30	75082873	1	Delrin Sleeve (For Compression Adapter)
31	75086707	3	Screw, #10-32 x 5/8" lg.
32	85803482	2	Holder, Spring Clip (Hand Pump Option Only)
33	75085000	3	Hex Nut, #10-32, Serrated
34	31491201	1	Wire, Key Switch Control
35	75089853	1	Fuse, 5 Amp

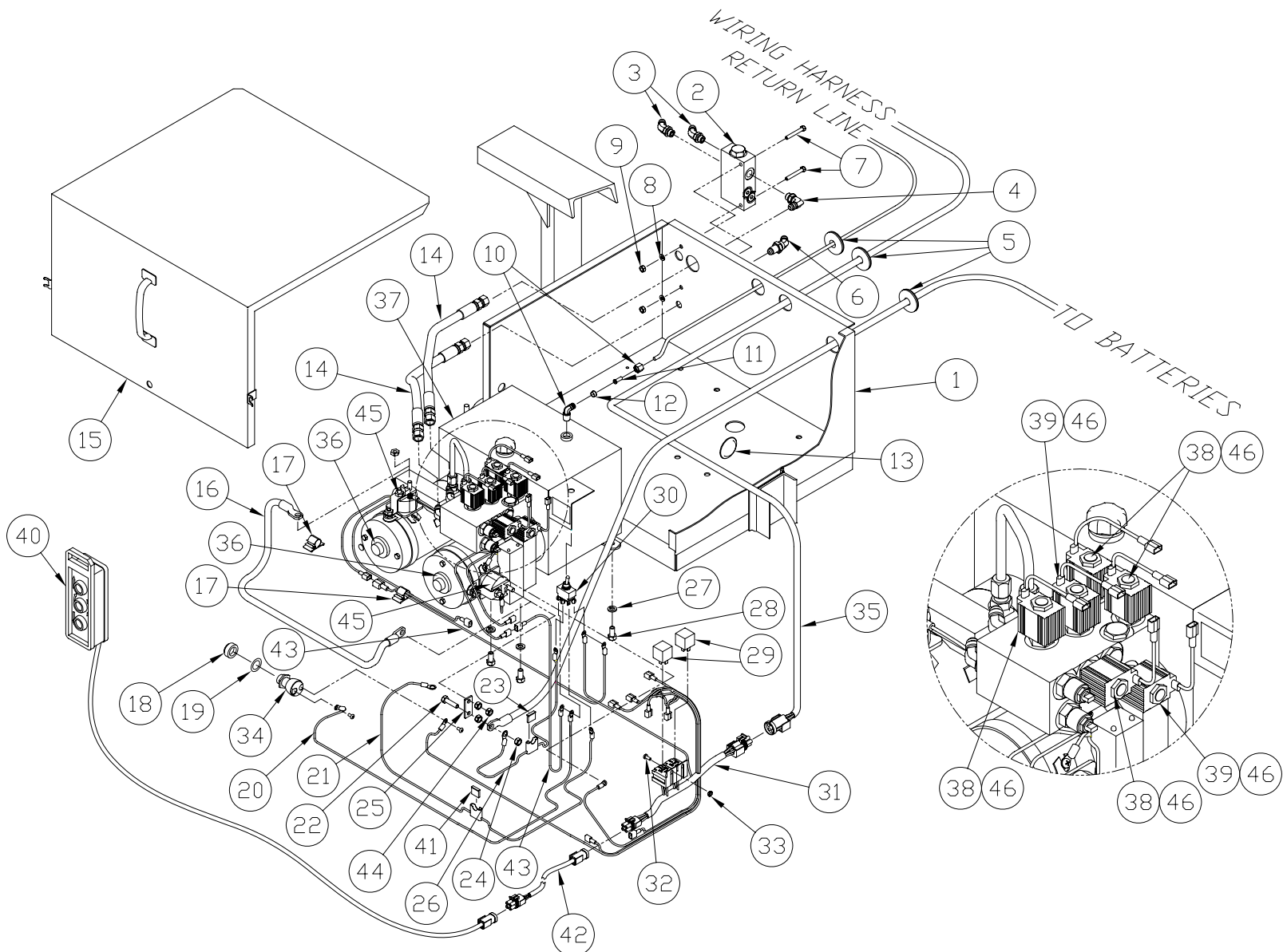
ITEM	PART NUMBER	QTY	DESCRIPTION
36	75086011	2	Hex Bolt, 1/4"-20 x 2" lg.
37	75085161	2	Nylon Locknut, 1/4"-20
38	70400858	1	Motor/Solenoid Assy
39	70092503	2	Solenoid Valve, 2 way, 2 pos, w/ Coil
40	70092501	1	Solenoid Valve, 3 way, 2 pos, w/ Coil
41	70401500	1	Hydraulic Pump Unit – Single Pump
42	85803921	1	Relay
43	31491902	1	Liftgate Wiring Harness
	31494601	1	Trailer Extension Harness (Trailer Kits Only)
44	31491803	1	Motor Wiring Harness
45	75082877	1	Elbow, 90°, 1/4" NPT x 1/4" Compression
46	75082867	1	45° Bulkhead Elbow, 9/16"-18 37° Flare Male
47	10099501	1	Terminal Strip (90° formed)
48	70401651	1	Hand Pump Handle (included with Item 13)
49	75085020	1	Hex jam nut, 5/16"-24
50	80001065	1	Solenoid Kit
51	70402303	3	Coil, 10V, 25W

PUMP AND ENCLOSURE ASSEMBLIES COMPLETE	
PART No.	DESCRIPTION
31496503	Single Pump Direct Power & 21" Enclosure
31496603	Single Pump Aux. Battery & 31" Enclosure
31497503	Single Pump w/HP Direct Power & 21" Enclosure
31497603	Single Pump w/HP Aux. Battery & 31" Enclosure

^A Included in Circuit Breaker Replacement Kit 80000912.

DUAL PUMP HYDRAULIC AND ELECTRICAL LAYOUT

(Built 1-01 thru 7-04)



WALTCO
TRUCK EQUIPMENT CO.
WDL RM SERIES

REVISED: 8-1-09
E.O. 6251
REV. 03

PM-535A

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31590001	1	Hydraulic Enclosure Assy
2	70401675	1	Flow Divider Valve
3	75082866	2	45° Elbow, 9/16"-18 "O" Ring x 9/16"-18 37° Flare
4	75082869	1	90° Elbow, 9/16"-18 "O" Ring x 9/16"-18 37° Flare
5	75089343	3	Grommet, Split Rubber
6	75082867	1	45° Bulkhead Elbow, 9/16"-18 37° Flare Male
7	75086011	2	Hex Bolt, ¼"-20 x 2" lg.
8	75088051	2	Flat Washer, ¼"
9	75085161	2	Nylon Locknut, ¼"-20
10	75082877	1	Elbow, 90°, ¼" NPT x ¼" Compression
11	75082874	1	Brass Insert (For Compression Adapter)
12	75082873	1	Delrin Sleeve (For Compression Adapter)
13	75089572	1	Plastic Plug, 1-3/8" Hole
14	75083094	1	Hose Assy, 3/8" ID x 18-1/2" x 9/16"-18 37° Flare Fem.
15	31591001	1	Hydraulic Enclosure Cover (Direct Power Only)
16	10195536	1	Battery Cable Assy, 36"
17	75080062	2	Wire Clip
18	75089769	1	Key Switch Cap
19	75000030	1	"O" Ring
20	31491101	1	Wire, Key Switch Control
21	31491201	1	Wire, Key Switch Control
22	75086217	1	Hex Bolt, 5/16"-18 x 1-1/4" lg.
23	75089853	1	Fuse, 5 Amp
24	75085003	2	Hex Nut, 5/16"-18, Serrated
25	10099500	1	Terminal Strip
26	31491501	1	Wire, Key Switch Control
27	75088081	4	Lock Washer, 3/8"
28	75086055	5	Hex Bolt, 3/8"-16 x ¾", Grade 5
29	85803921	1	Relay
30	75089804	1	Toggle Switch
31	31491601	1	Motor Wiring Harness
32	75086707	1	Screw, #10-32 x 5/8" lg.
33	75085000	1	Hex Nut, #10-32, Serrated
34	75089782	1	Key Switch

ITEM	PART NUMBER	QTY	DESCRIPTION
35	31491902	1	Liftgate Wiring Harness
	31494601	1	Trailer Extension Harness (Trailer Kits Only)
36	70400858	2	Motor/Solenoid Assy
37	70401525	1	Hydraulic Pump Unit – Dual Pump
38	70092503	4	Solenoid Valve, 2 way, 2 pos, w/ Coil
39	70092501	2	Solenoid Valve, 3 way, 2 pos, w/ Coil
40	85803975	1	Auxiliary Push Button Control
41	75089851	1	Fuse, 10 Amp
42	85803946	1	Auxiliary Control Extension Harness (Trailer Kits Only)
43	31492201	2	Wire, Control
44	75085020	1	Hex jam nut, 5/16"-24
45	80001065	2	Solenoid Kit
46	70402303	6	Coil, 10V, 25W

PUMP AND ENCLOSURE ASSEMBLIES COMPLETE	
PART NUMBER	DESCRIPTION
31498503	Dual Pump and 21" Enclosure Complete

LIFTGATE HYDRAULIC AND ELECTRICAL LAYOUT

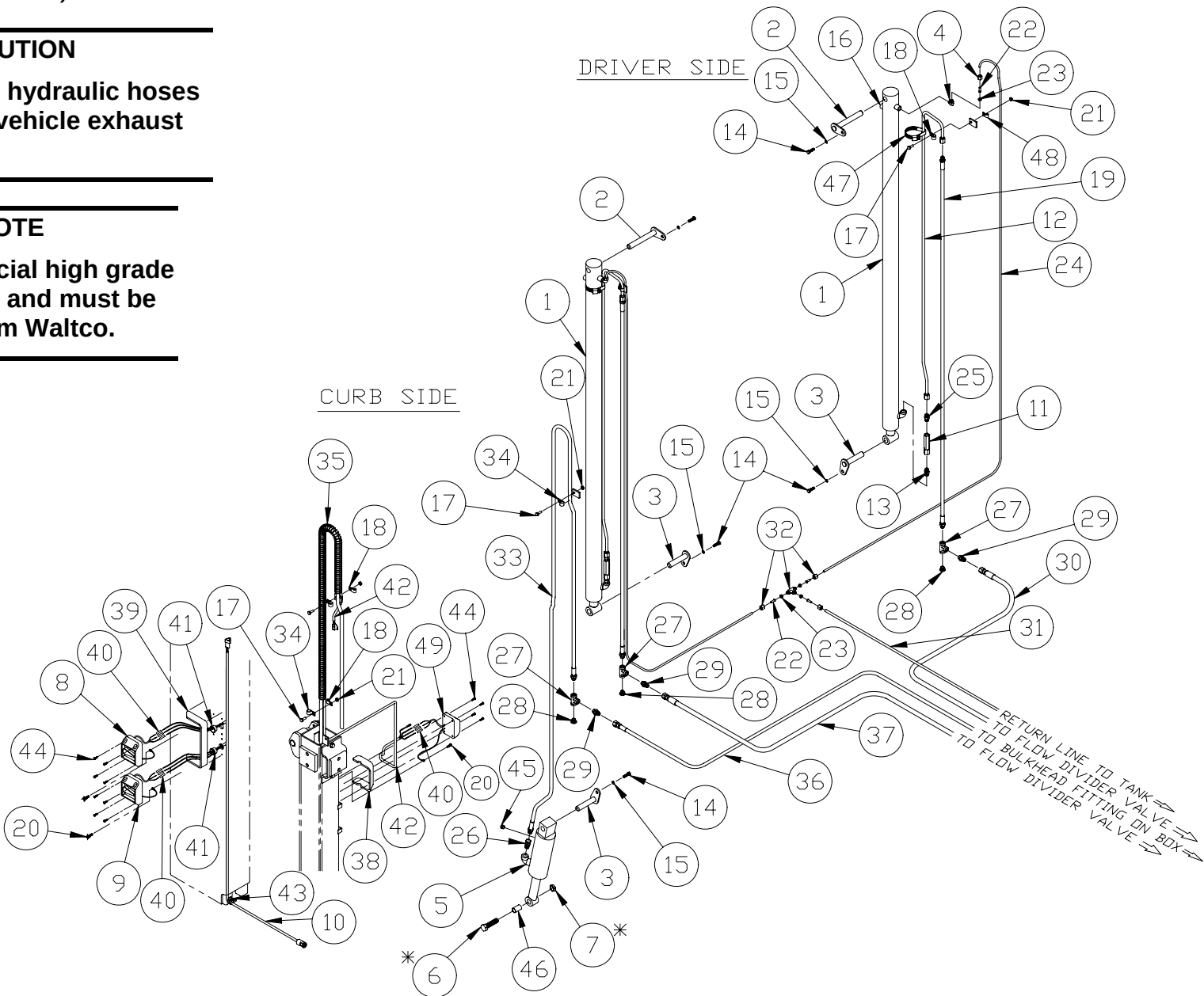
(Built 4-04 thru 10-05)

CAUTION

Do not run the hydraulic hoses in or near the vehicle exhaust system.

* NOTE

These are special high grade nuts and bolts and must be purchased from Waltco.



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MODEL

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PM-532A

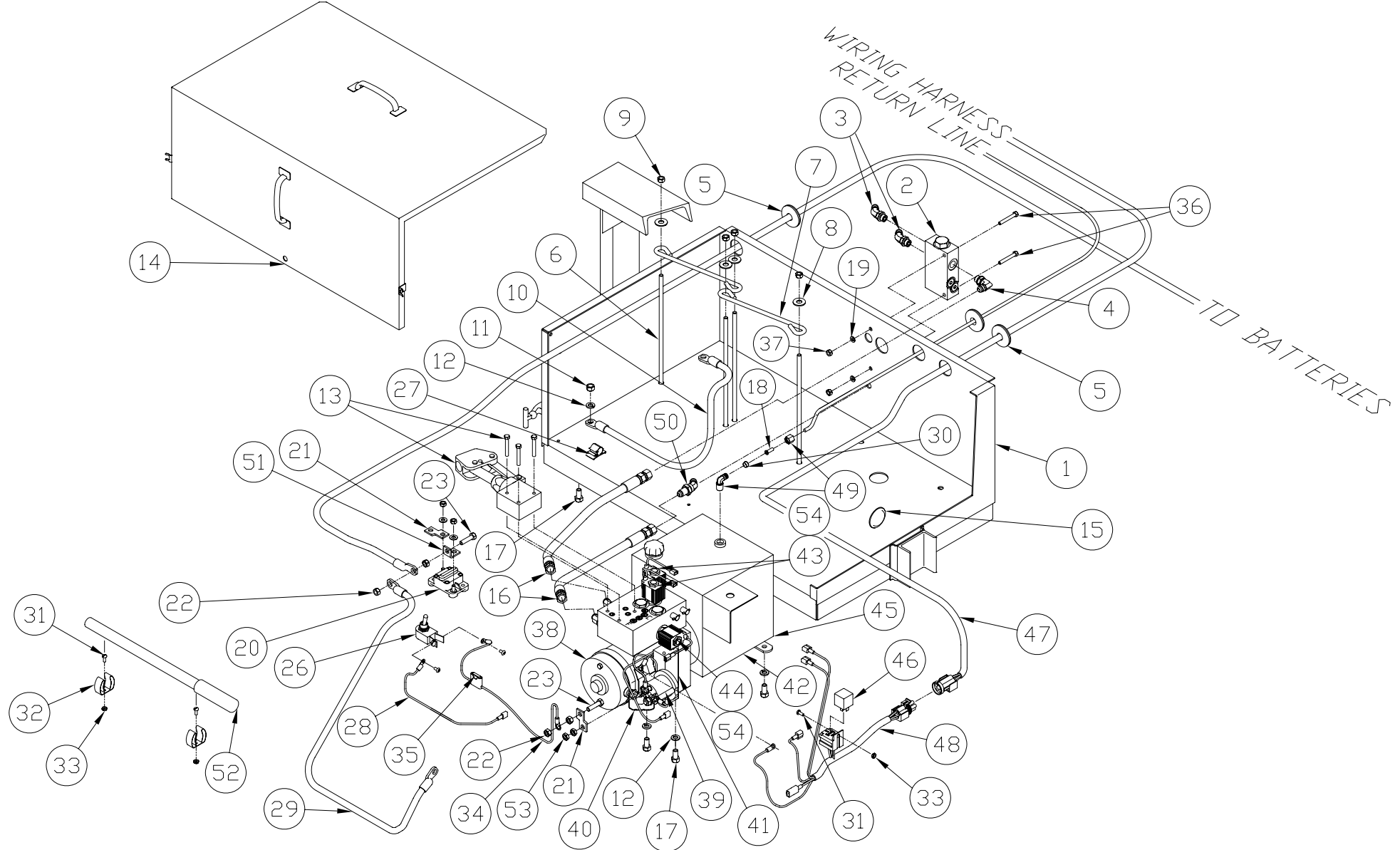
ITEM	PART NUMBER	QTY	DESCRIPTION
1	32680051 ^A	2	Lift Cylinder
2	31470501 ^A	2	Upper Lift Cylinder Pin
3	31471501 ^{AB}	3	Cylinder Pin
4	75082877	2	1/4" NPT x 1/4" Compression 90° Elbow
5	32480012 ^B	1	Closer Cylinder
*6	75086236 ^B	1	Lower Closer Cylinder Bolt (Special 5/8"-18UNF x 2-1/2" Lg. Grade 8)
*7	75085183 ^B	1	5/8"-18 Lock Nut (Grade 8)
8	80000845	1	Raise/Lower SuperSwitch™
9	80000844	1	Open/Close SuperSwitch™
10	31491902	1	Control Wiring Harness
11	85803806	2	Pressure Compensated Flow Control Valve
12	31493301	2	Fluid Line Assembly
13	75082614	2	1/4" NPT x 1/4" NPT Male Pipe Nipple
14	75086055 ^{AB}	9	3/8"-16 x 3/4" Hex Head Screw
15	75088081 ^{AB}	5	3/8" Lock Washer
16	31493601	2	Bleeder Screw w/ Seal Washer
17	75086062	4	1/4"-20 x 3/4" Lg. Hex Bolt (Grade 5)
18	75082881	4	Hose Clamp Insulated 3/8" I.D.
19	75083105	2	9/16"-18 "O" Ring Male x 9/16"-18 37° Flare x 1/4" I.D. Tube x 88-7/8" Lg. Hose Assembly
20	75086862	3	1/4-20 X 3/8" Lg. Self-tapping screw.
21	75085161	4	1/4"-20 Hex Locknut
22	75082874 ^A	5	Brass Insert (For Compression Fittings)
23	75082873 ^A	5	Delrin Sleeve (For Compression Fittings)
24	31493101 ^A	2	1/4" O.D. x 192" Lg. Nylon Tubing
25	85803804	2	1/4" NPT x 1/4" Tube Adapter
26	75082871	1	1/4"-18 NPT Male x 9/16" 37° Flare Female Swivel Adapter
27	75082862	3	9/16"-18 UNF SAE Straight Thread Female Tee
28	75082865	6	9/16"-18 "O" Ring Male Plug
29	75082882	3	9/16"-18 "O" Ring Male x 9/16"-18 37° Flare Male Adapter
30	75083099	1	9/16"-18 37° Flare Female x 9/16"-18 37° Flare Female x 3/8" I.D. x 135" Lg. Hose Assembly (Truck Kit only)
31	82021039	1	1/4" OD x 14 ft. Nylon Tubing (for Trucks)
	82021039	1	1/4" OD x 36 ft. Nylon Tubing(for Trailers)
32	75082876	1	1/4" Compression Tee
33	75083107	1	9/16"-18 37° Flare Male x 9/16"-18 "O" Ring

ITEM	PART NUMBER	QTY	DESCRIPTION
			Male x 170" Lg. Hose Assembly
34	75083044	2	Hose Clamp Insulated 1/2" I.D.
35	31493501	1	Spring Guard
36	75083103	1	9/16"-18 37° Flare Female x 9/16"-18 37° Flare Female x 1/4" I.D. x 76" Lg. Hose Assembly (Truck Kit only)
	75083104	1	9/16"-18 37° Flare Female x 9/16"-18 37° Flare Female x 1/4" I.D. x 372" Lg. Hose Assembly (Trailer Kit Only)
37	75083101	1	9/16"-18 37° Flare Female x 9/16"-18 37° Flare Female x 3/8" I.D. x 65" Lg. Hose Assembly (Truck Kit only)
	75083102	2	9/16"-18 37° Flare Female x 9/16"-18 37° Flare Female x 3/8" I.D. x 372" Lg. Hose Assembly (Trailer Kit only)
38	31436101	1	Inside Control Switch Guard
39	31423101	1	Outside Control Switch Guard
40	75082033	9	16 Ga. Butt Connector
41	31492101	2	Plastic Grommet
42	31493403	1	Cable Inside Control
43	75083041	1	Hose Clamp, 7/32" to 5/8" Dia.
44	75086860	12	#8-32 x 3/4" Lg. Self Tapping Screw
45	75089315	1	Breather
46	32481712	1	3/4" O.D. x 5/8" I.D. x 1-1/4" Lg. Bearing
47	85803469	2	3" Dia. Hose Clamp
48	75082879	2	Hose Clamp Insulated 1/4" I.D.
49	80001039	1	Raise/Lower SuperSwitch™

^A Included in Lift Cylinder Replacement Kit 80000942.

^B Included in Lift Cylinder Replacement Kit 80000944.

SINGLE PUMP AND SINGLE PUMP W/ HAND PUMP HYDRAULIC AND ELECTRICAL LAYOUT
(Built 7-04 thru 3-05)



WALTCO
TRUCK EQUIPMENT CO.
WDL RM SERIES

REVISED: 8-1-09
E.O. 6251
REV. 12

PM-534

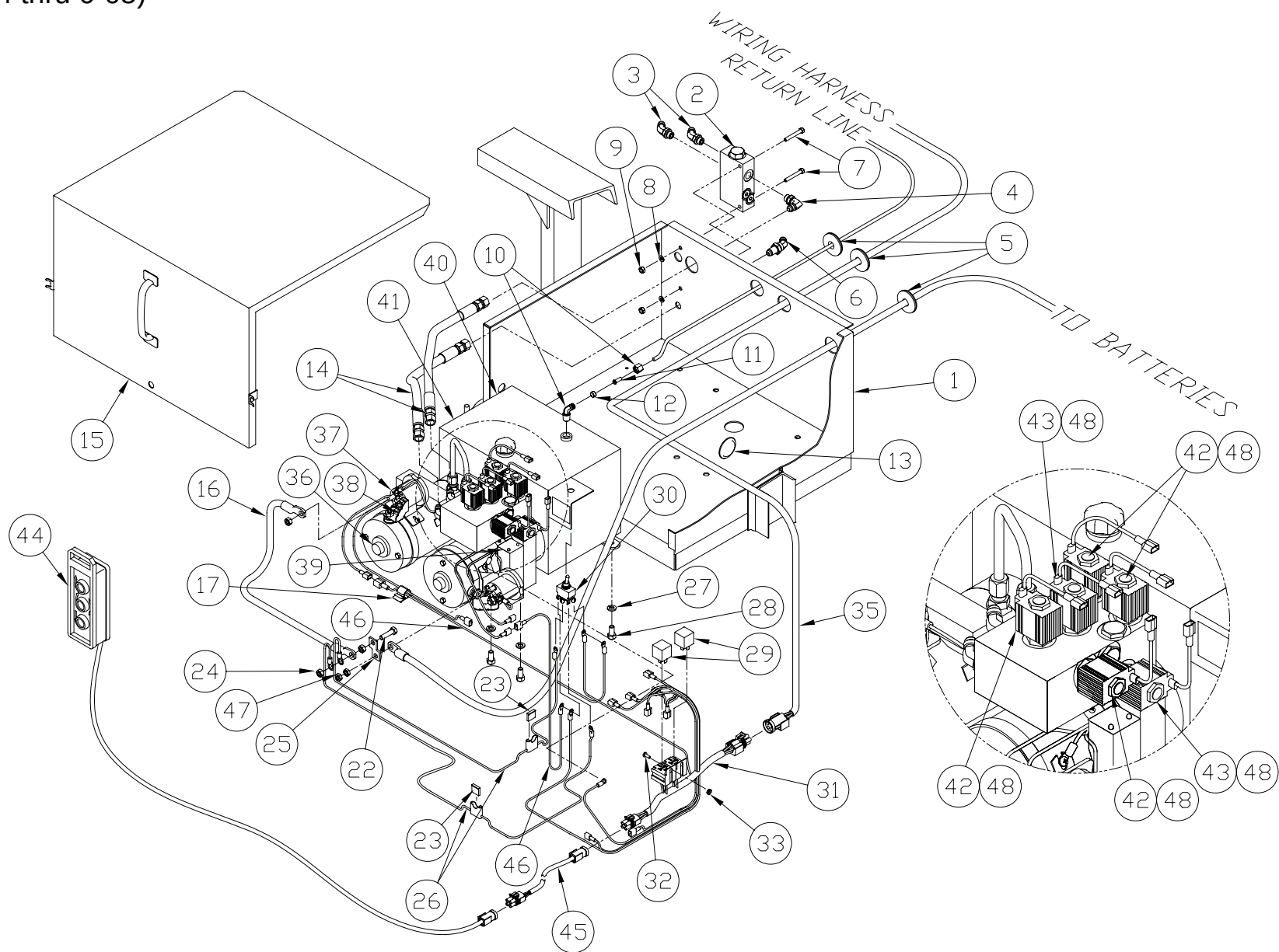
ITEM	PART NUMBER	QTY	DESCRIPTION
1	31590001	1	Hydraulic Enclosure Assy (Direct Power Only)
	31690001	1	Hydraulic Enclosure Assy (Aux. Batteries Only)
2	70401675	1	Flow Divider Valve
3	75082866	2	45° Elbow, 9/16"-18 "O" Ring x 9/16"-18 37° Flare
4	75082869	1	90° Elbow, 9/16"-18 "O" Ring x 9/16"-18 37° Flare
5	75089343	3	Grommet, Split Rubber
6	10291804	2	Bar, Battery Retainer (Aux. Batteries Only)
7	10291403	2	Bar, Battery Retainer (Aux. Batteries Only)
8	75088053	4	Flat Washer, 3/8" (Aux. Batteries Only)
9	75085177	4	Nylon Locknut, 5/16"-18 (Aux. Batteries Only)
10	10195518	1	Battery Cable Assy, 18" (Aux. Batteries Only)
11	75085005	1	Hex Nut, 3/8"-16, Serrated
12	75088081	5	Lock Washer, 3/8"
13	70401650	1	Hand Pump Kit (Hand Pump Option Only)
14	31591001	1	Hydraulic Enclosure Cover (Direct Power Only)
	31691001	1	Hydraulic Enclosure Cover (Aux. Batteries Only)
15	75089572	1	Plastic Plug, 1-3/8" Hole
16	75083094	2	Hose Assy, 3/8" ID x 18-1/2" x 9/16"-18 37° Flare Fem.
17	75086055	5	Hex Bolt, 3/8"-16 x 3/4", Grade 5
18	75082874	1	Brass Insert (For Compression Adapter)
19	75088051	2	Flat Washer, 1/4"
20	75089243 ^A	1	Circuit Breaker, 150 Amp
21	10099500	2	Terminal Strip
22	75085003	4	Hex Nut, 5/16"-18, Serrated
23	75086217	2	Hex Bolt, 5/16"-18 x 1-1/4" lg.
26	75089807	1	Toggle switch
27	75080062	3	Wire Clip
28	31491402	1	Wire, Key Switch Control
29	10195536	1	Battery Cable Assy, 36"
30	75082873	1	Delrin Sleeve (For Compression Adapter)
31	75086707	3	Screw, #10-32 x 5/8" lg.
32	85803482	2	Holder, Spring Clip (Hand Pump Option Only)
33	75085000	3	Hex Nut, #10-32, Serrated
34	31491501	1	Wire, Key Switch Control
35	75089853	1	Fuse, 5 Amp
36	75086011	2	Hex Bolt, 1/4"-20 x 2" lg.
37	75085161	2	Nylon Locknut, 1/4"-20

ITEM	PART NUMBER	QTY	DESCRIPTION
38	7043002-1 ^A	1	Motor
39	75089833 ^A	1	Starter Solenoid
40	75089834 ^A	1	Bus Bar
41	10099403 ^A	1	Controller
42	70401501	1	Reservoir
43	70092503	2	Solenoid Valve, 2 way, 2 pos, w/ Coil
44	70092501	1	Solenoid Valve, 3 way, 2 pos, w/ Coil
45	70402025	1	Hydraulic Pump Unit – Single Pump
46	85803921	1	Relay
47	31491902	1	Liftgate Wiring Harness
	31494601	1	Trailer Extension Harness (Trailer Kits Only)
48	31491803	1	Motor Wiring Harness
49	75082877	1	Elbow, 90°, 1/4" NPT x 1/4" Compression
50	75082867	1	45° Bulkhead Elbow, 9/16"-18 37° Flare Male
51	10099501	1	Terminal Strip (90° formed)
52	70401651	1	Hand Pump Handle (included with Item 13)
53	75085020	1	Hex jam nut, 5/16"-24
54	70402303	3	Coil, 10V, 25W

^A Included in Motor/Solenoid Assembly 70400858

PUMP AND ENCLOSURE ASSEMBLIES COMPLETE	
PART No.	DESCRIPTION
31496503	Single Pump Direct Power & 21" Enclosure
31496603	Single Pump Aux. Battery & 31" Enclosure
31497503	Single Pump w/HP Direct Power & 21" Enclosure
31497603	Single Pump w/HP Aux. Battery & 31" Enclosure

DUAL PUMP HYDRAULIC AND ELECTRICAL LAYOUT
(Built 7-04 thru 6-05)



WALTCO
TRUCK EQUIPMENT CO.
WDL RM SERIES

REVISED: 8-1-09
E.O. 6251
REV. 10

PM-535

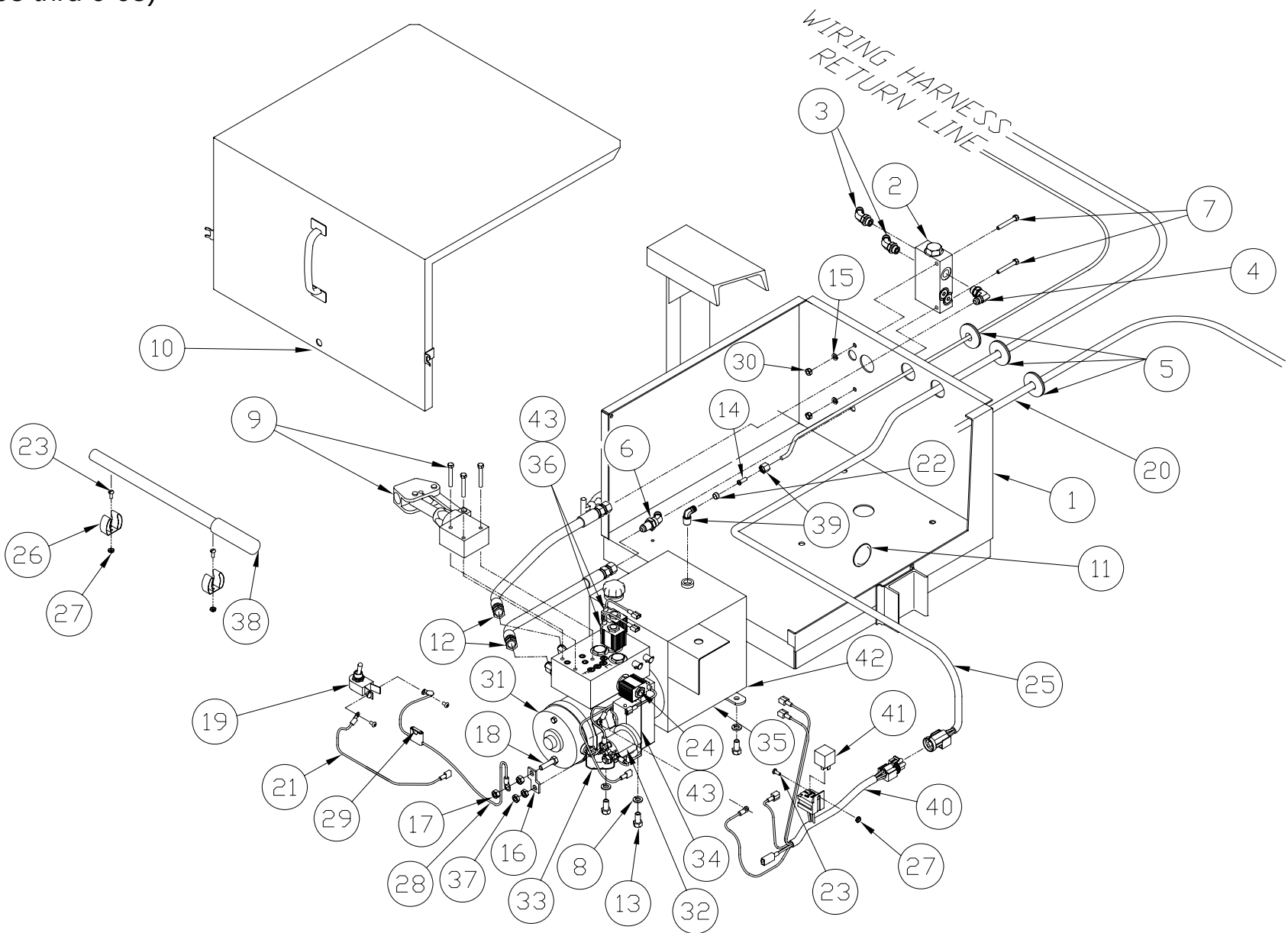
ITEM	PART NUMBER	QTY	DESCRIPTION
1	31590001	1	Hydraulic Enclosure Assy
2	70401675	1	Flow Divider Valve
3	75082866	2	45° Elbow, 9/16"-18 "O" Ring x 9/16"-18 37° Flare
4	75082869	1	90° Elbow, 9/16"-18 "O" Ring x 9/16"-18 37° Flare
5	75089343	3	Grommet, Split Rubber
6	75082867	1	45° Bulkhead Elbow, 9/16"-18 37° Flare Male
7	75086011	2	Hex Bolt, ¼"-20 x 2" lg.
8	75088051	2	Flat Washer, ¼"
9	75085161	2	Nylon Locknut, ¼"-20
10	75082877	1	Elbow, 90°, ¼" NPT x ¼" Compression
11	75082874	1	Brass Insert (For Compression Adapter)
12	75082873	1	Delrin Sleeve (For Compression Adapter)
13	75089572	1	Plastic Plug, 1-3/8" Hole
14	75083094	1	Hose Assy, 3/8" ID x 18-1/2" x 9/16"-18 37° Flare Fem.
15	31591001	1	Hydraulic Enclosure Cover (Direct Power Only)
16	10195536	1	Battery Cable Assy, 36"
17	75080062	1	Wire Clip
22	75086217	1	Hex Bolt, 5/16"-18 x 1-1/4" lg.
23	75089853	2	Fuse, 5 Amp
24	75085003	2	Hex Nut, 5/16"-18, Serrated
25	10099500	1	Terminal Strip
26	31491501	2	Wire, Key Switch Control
27	75088081	4	Lock Washer, 3/8"
28	75086055	5	Hex Bolt, 3/8"-16 x ¾", Grade 5
29	85803921	1	Relay
30	75089832	1	Toggle Switch
31	31491601	1	Motor Wiring Harness
32	75086707	1	Screw, #10-32 x 5/8" lg.
33	75085000	1	Hex Nut, #10-32, Serrated
35	31491902	1	Liftgate Wiring Harness
	31494601	1	Trailer Extension Harness (Trailer Kits Only)
36	7043002-1 ^A	1	Motor
37	75089833 ^A	1	Starter Solenoid
38	75089834 ^A	1	Bus Bar

ITEM	PART NUMBER	QTY	DESCRIPTION
39	10099403 ^A	1	Controller
40	70401501	1	Reservoir
41	70402200	1	Hydraulic Pump Unit – Dual Pump
42	70092503	4	Solenoid Valve, 2 way, 2 pos, w/ Coil
43	70092501	2	Solenoid Valve, 3 way, 2 pos, w/ Coil
44	85803975	1	Auxiliary Push Button Control
45	85803946	1	Auxiliary Control Extension Harness (Trailer Kits Only)
46	31492201	2	Wire, Control
47	75085020	1	Hex jam nut, 5/16"-24
48	70402303	6	Coil, 10V, 25W

PUMP AND ENCLOSURE ASSEMBLIES COMPLETE	
PART NUMBER	DESCRIPTION
31498503	Dual Pump and 21" Enclosure Complete

^A Included in Motor/Solenoid Assembly 70400858

SINGLE PUMP HYDRAULIC AND ELECTRICAL LAYOUT
(Built 3-05 thru 6-05)



WALTCO
TRUCK EQUIPMENT CO.
WDL RM SERIES

REVISED: 8-1-09
E.O. 6251
REV. 02

PM-534B

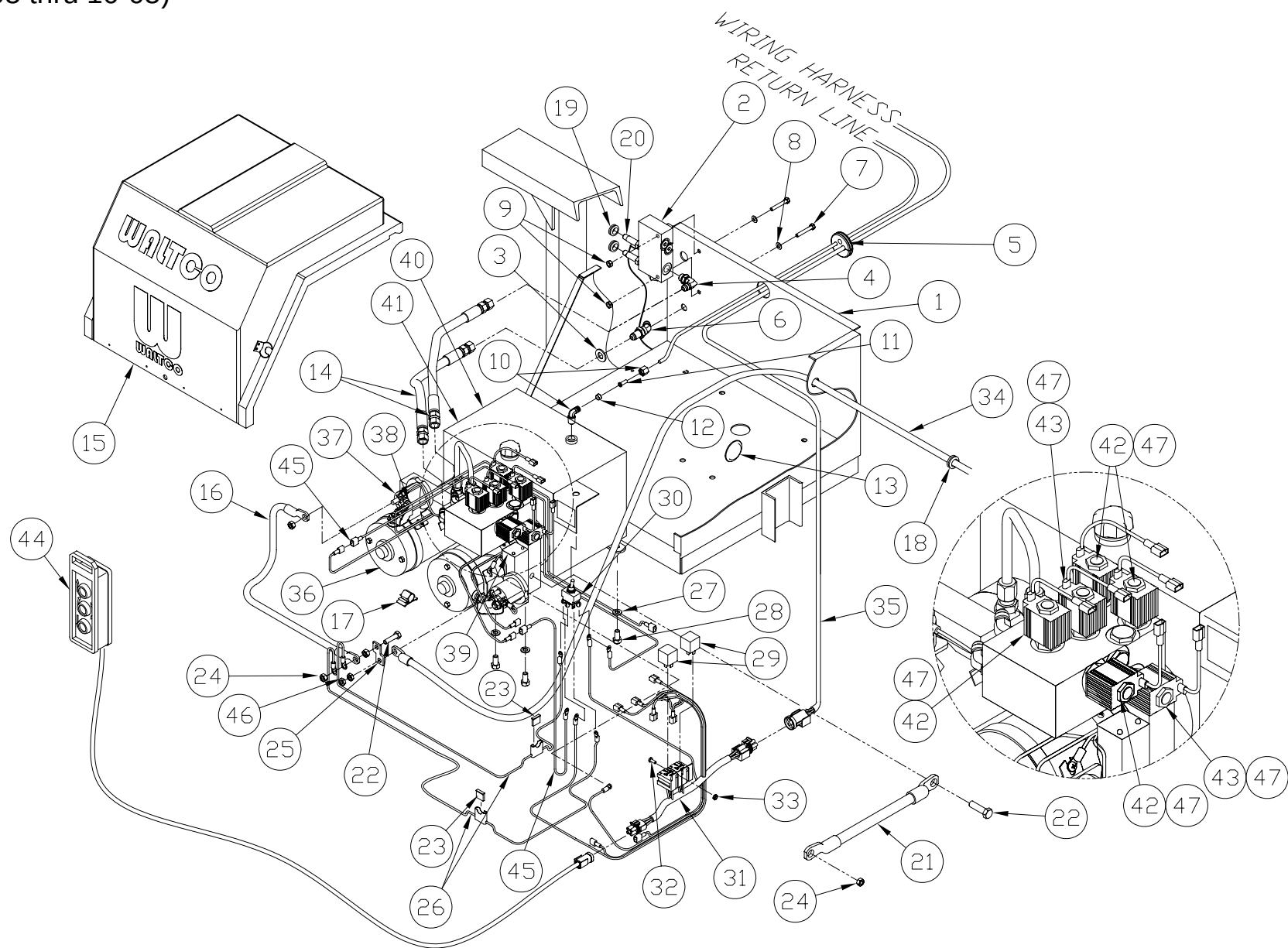
ITEM	PART NUMBER	QTY	DESCRIPTION
1	31590001	1	Hydraulic Enclosure
2	70401675	1	Flow Divider Valve
3	75082866	2	45° Elbow, 9/16"-18 "O" Ring x 9/16"-18 37° Flare
4	75082869	1	90° Elbow, 9/16"-18 "O" Ring x 9/16"-18 37° Flare
5	75089343	3	Grommet, Split Rubber
6	75082867	1	45° Bulkhead Elbow, 9/16"-18 37° Flare Male
7	75086011	2	Hex Bolt, ¼"-20 x 2" lg.
8	75088081	4	Lock Washer, 3/8"
9	70401650	1	Hand Pump Kit (Optional)
10	31591001	1	Hydraulic Enclosure Cover
11	75089572	1	Plastic Plug, 1-3/8" Hole
12	75083094	2	Hose Assy, 3/8" ID x 18-1/2" x 9/16"-18 37° Flare Fem.
13	75086055	4	Hex Bolt, 3/8"-16 x ¾", Grade 5
14	75082874	1	Brass Insert (For Compression Adapter)
15	75088051	2	Flat Washer, ¼"
16	10099500	1	Terminal Strip
17	75085003	2	Hex Nut, 5/16"-18, Serrated
18	75086217	1	Hex Bolt, 5/16"-18 x 1-1/4" lg.
19	75089807	1	Toggle switch
20	80000557	1	25 ft. Battery Cable Kit
	80000555		30 ft. Battery Cable Kit
	80000549		38 ft. Battery Cable Kit
21	31491402	1	Wire, Toggle Switch Control
22	75082873	1	Delrin Sleeve (For Compression Adapter)
23	75086707	3	Screw, #10-32 x 5/8" lg.
24	70092501	1	Solenoid Valve, 3 way, 2 pos, w/ Coil
25	31491902	1	Liftgate Wiring Harness
	31494601	1	Long Trailer Extension Harness
	31494602	1	Short Trailer Extension Harness
26	85803482	2	Holder, Spring Clip (Hand Pump Option Only)
27	75085000	3	Hex Nut, #10-32, Serrated
28	31491501	1	Wire, Toggle Switch Control
29	75089853	1	Fuse, 5 Amp
30	75085161	2	Nylon Locknut, ¼"-20
31	7043002-1 ^A	1	Motor
32	75089833 ^A	1	Starter Solenoid
33	75089834 ^A	1	Bus Bar
34	10099403 ^A	1	Controller
35	70401501	1	Reservoir
36	70092503	2	Solenoid Valve, 2 way, 2 pos, w/ Coil

ITEM	PART NUMBER	QTY	DESCRIPTION
37	75085020	1	Hex jam nut, 5/16"-24.
38	70401651	1	Hand Pump Handle (included with Item 9)
39	75082877	1	Elbow, 90°, ¼" NPT x ¼" Compression
40	31491803	1	Motor Wiring Harness
41	85803921	1	Relay
42	70402025	1	Hydraulic Pump Unit – Single Pump
43	70402303	3	Coil, 10V, 25W

PUMP AND ENCLOSURE ASSEMBLIES COMPLETE	
PART No.	DESCRIPTION
31496503	Single Pump Direct Power & 21" Enclosure

^A Included in Motor/Solenoid Assembly 70400858

DUAL PUMP HYDRAULIC AND ELECTRICAL LAYOUT
(Built 6-05 thru 10-05)



WALTco
TRUCK EQUIPMENT CO.
WDL RM SERIES

REVISED: 8-1-09
E.O. 6251
REV. 04

PM-535B

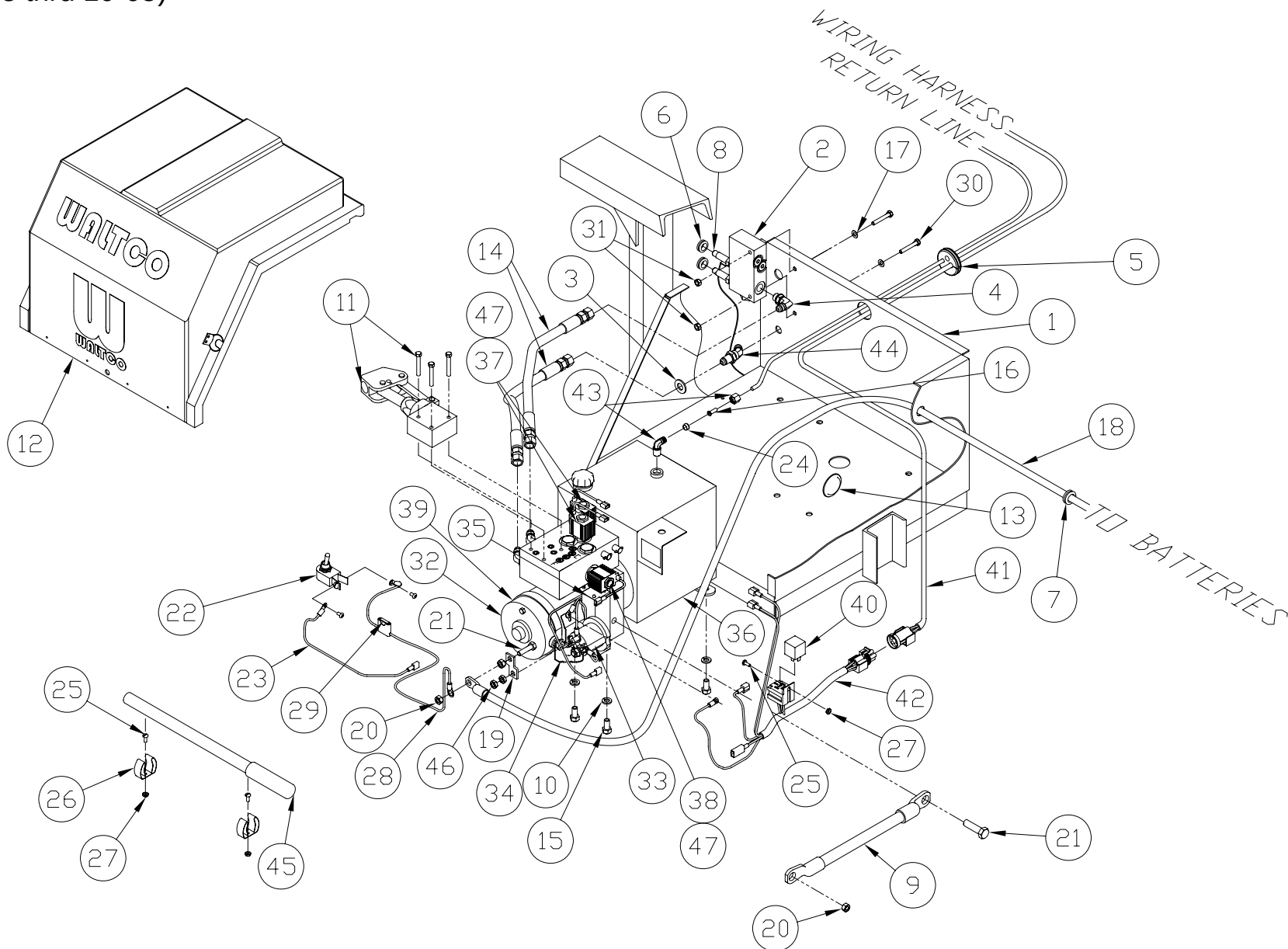
ITEM	PART NUMBER	QTY	DESCRIPTION
1	31590102	1	Hydraulic Enclosure Base
2	70401675	1	Flow Divider Valve
3	75088056	1	Washer, ½" I.D. X 1-3/8" O.D.
4	75082869	1	90° Elbow, 9/16"-18 "O" Ring x 9/16"-18 37° Flare
5	75089309	1	Grommet, Return Line/Control Harness
6	75082867	1	45° Bulkhead Elbow, 9/16"-18 37° Flare Male
7	75086011	2	Hex Bolt, ¼"-20 x 2" lg.
8	75088051	2	Flat Washer, ¼"
9	75085161	2	Nylon Locknut, ¼"-20
10	75082877	1	Elbow, 90°, ¼" NPT x ¼" Compression
11	75082874	1	Brass Insert (For Compression Adapter)
12	75082873	1	Delrin Sleeve (For Compression Adapter)
13	75089572	1	Plastic Plug, 1-3/8" Hole
14	75083094	2	Hose Assy, 3/8" ID x 18-1/2" x 9/16"-18 37° Flare Fem.
15	31590902	1	Hydraulic Enclosure Cover
16	10195524	1	Battery Cable Assy, 24"
17	75080062	1	Wire Clip
18	75089312	1	Grommet, Battery Cable
19	75089308	2	Grommet, Straight Fittings
20	75082883	2	Adapter, 9/16"-18 "O" Ring x 9/16"-18 37° Flare
21	10195518	1	Ground Cable, 2 Ga. X 18" Lg.
22	75086007	2	Hex Bolt, 5/16"-18 x 1-1/4" lg.
23	75089853	2	Fuse, 5 Amp
24	75085003	3	Hex Nut, 5/16"-18, Serrated
25	10099500	1	Terminal Strip
26	31491501	2	Wire, Key Switch Control
27	75088081	4	Lock Washer, 3/8"
28	75086055	4	Hex Bolt, 3/8"-16 x ¾", Grade 5
29	85803921	2	Relay
30	75089832	1	Toggle Switch
31	31491601	1	Motor Wiring Harness
32	75086707	1	Screw, #10-32 x 5/8" lg.
33	75085000	1	Hex Nut, #10-32, Serrated
34	80000557	1	25 ft. Battery Cable Kit
	80000555		30 ft. Battery Cable Kit
	80000549		38 ft. Battery Cable Kit

ITEM	PART NUMBER	QTY	DESCRIPTION
35	31491902	1	Liftgate Wiring Harness
	31494601		Long Trailer Extension Harness
	31494602		Short Trailer Extension Harness
36	7043002-1 ^A	2	Motor
37	75089833 ^A	2	Starter Solenoid
38	75089834 ^A	2	Bus Bar
39	10099403 ^A	2	Controller
40	70401501	1	Reservoir
41	70402200	1	Hydraulic Pump Unit – Dual Pump
42	70092503	4	Solenoid Valve, 2 way, 2 pos, w/ Coil
43	70092501	2	Solenoid Valve, 3 way, 2 pos, w/ Coil
44	31499001	1	Auxiliary Push Button Control
45	31492201	2	Wire, Control
46	75085020	1	Hex jam nut, 5/16"-24
47	70402303	6	Coil 10V, 25W

PUMP AND ENCLOSURE ASSEMBLIES COMPLETE	
PART NUMBER	DESCRIPTION
31498504	Dual Pump and 21" Enclosure Complete

^A Included in Motor/Solenoid Assembly 70400858

SINGLE PUMP HYDRAULIC AND ELECTRICAL LAYOUT
(Built 6-05 thru 10-05)



WALTCO
TRUCK EQUIPMENT CO.
WDL RM SERIES

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REV. 03
PM-534C

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31590102	1	Hydraulic Enclosure, Base
2	70401675	1	Flow Divider Valve
3	75088056	1	Washer, ½" I.D. X 1-3/8" O.D.
4	75082869	1	90° Elbow, 9/16"-18 "O" Ring x 9/16"-18 37° Flare
5	75089309	1	Grommet, Control Harness/Return Line
6	75089308	2	Grommet, Straight Fitting
7	75089312	1	Grommet, Battery Cable
8	75082883	2	Adapter, 9/16"-18 "O" Ring x 9/16"-18 37° Flare
9	10195518	1	Ground Cable, 2 Ga. X 18" Lg.
10	75088081	4	Lock Washer, 3/8"
11	70401650	1	Hand Pump Kit (Optional)
12	31590902	1	Hydraulic Enclosure Cover
13	75089572	1	Plastic Plug, 1-3/8" Hole
14	75083094	2	Hose Assy, 3/8" ID x 18-1/2" x 9/16"-18 37° Flare Fem.
15	75086055	4	Hex Bolt, 3/8"-16 x ¾", Grade 5
16	75082874	1	Brass Insert (For Compression Adapter)
17	75088051	2	Flat Washer, ¼"
18	80000557	1	25 ft. Battery Cable Kit
	80000555		30 ft. Battery Cable Kit
	80000549		38 ft. Battery Cable Kit
19	10099500	1	Terminal Strip
20	75085003	3	Hex Nut, 5/16"-18, Serrated
21	75086007	2	Hex Bolt, 5/16"-18 x 1-1/4" lg.
22	75089807	1	Toggle switch
23	31491402	1	Wire, Switch Control
24	75082873	1	Delrin Sleeve (For Compression Adapter)
25	75086707	3	Screw, #10-32 x 5/8" lg.
26	85803482	2	Holder, Spring Clip (Hand Pump Option Only)
27	75085000	3	Hex Nut, #10-32, Serrated
28	31491501	1	Wire, Switch Control
29	75089853	1	Fuse, 5 Amp
30	75086011	2	Hex Bolt, ¼"-20 x 2" lg.
31	75085161	2	Nylon Locknut, ¼"-20
32	7043002-1 ^A	1	Motor
33	75089833 ^A	1	Starter Solenoid
34	75089834 ^A	1	Bus Bar
35	10099403 ^A	1	Controller
36	70401501	1	Reservoir
37	70092503	2	Solenoid Valve, 2 way, w pos, w/ Coil
38	70092501	1	Solenoid Valve, 3 way, w pos, w/ Coil

ITEM	PART NUMBER	QTY	DESCRIPTION
39	70402025	1	Hydraulic Pump Unit – Single Pump
40	85803921	1	Relay
41	31491902	1	Liftgate Wiring Harness
	31494601		Long Trailer Extension Harness
	31494602		Short Trailer Extension Harness
42	31491803	1	Motor Wiring Harness
43	75082877	1	Elbow, 90°, ¼" NPT x ¼" Compression
44	75082867	1	45° Bulkhead Elbow, 9/16"-18 37° Flare Male
45	70401651	1	Hand Pump Handle (included with Hand Pump Kit)
46	75085020	1	Hex jam nut, 5/16"-24
47	70402303	3	Coil, 10V, 25W

PUMP AND ENCLOSURE ASSEMBLIES COMPLETE	
PART No.	DESCRIPTION
31496504	Single Pump Direct Power & 21" Enclosure

^A Included in Motor/Solenoid Assembly 70400858

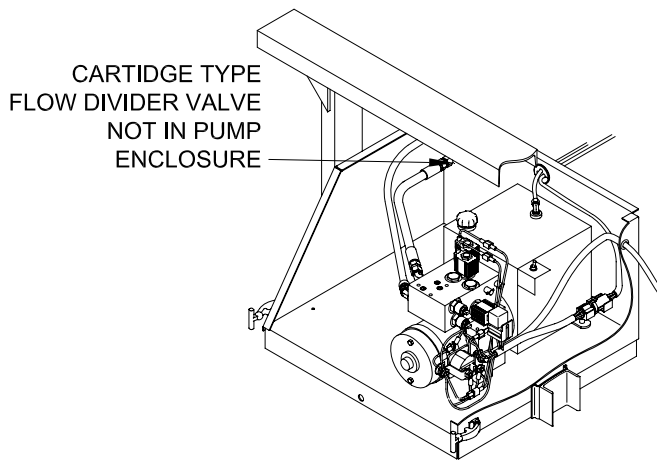
WDL US HYDRAULICS & CONTROLS

(Built from 10-05 thru 6-08)

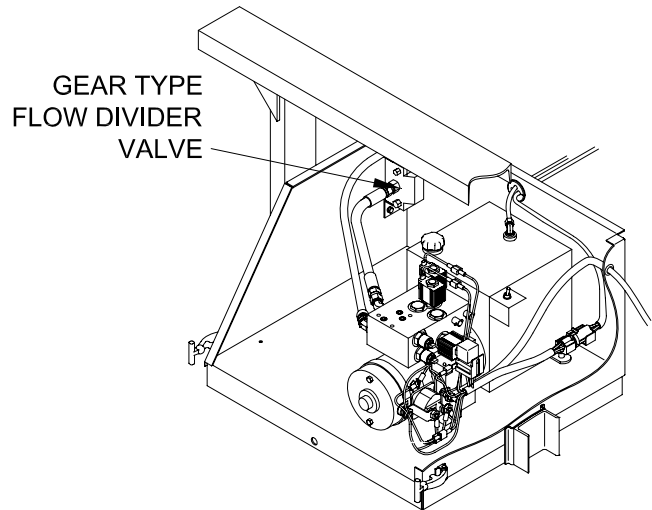
Common Features

- Power up/Gravity down (standard)
- Power up/Power down (Special – contact Engineering for assistance)
- Cylinder closing
- Tail Lights mounted in liftgate Columns
- Push Button Controls on Curb Side

Liftgate mounted Cartridge type Flow Divider Valve (Bottom of curb side rail)
All Hydraulic fittings are JIC Flare
 Built 10-05 thru 8-06



Pump Enclosure mounted Gear type Flow Divider Valve
All Hydraulic fittings are ORFS (O-ring)
 Built from 8-06 thru 6-08



Liftgate Hydraulic and Electrical Layout

PM-694 (Built 10-05 thru 2-06)

PM-694A (Built 2-06 thru 8-06)

Single Pump and Single Pump w/ Hand Pump
 Hydraulic and Electrical Layout

PM-695 (Built 10-05 thru 2-06)

PM-695A (Built 2-06 thru 6-06)

PM-695B (Built 6-06 thru 8-06)

Dual Pump Hydraulic and Electrical Layout

PM-696 (Built 10-05 thru 2-06)

PM-696A (Built 2-06 thru 8-06)

Liftgate Hydraulic and Electrical Layout

PM-694B (Built 8-06 thru 6-08)

Single Pump and Single Pump w/ Hand Pump
 Hydraulic and Electrical Layout

PM-695C (Built 8-06 thru 6-08)

Dual Pump Hydraulic and Electrical Layout

PM-696B (Built 8-06 thru 6-08)

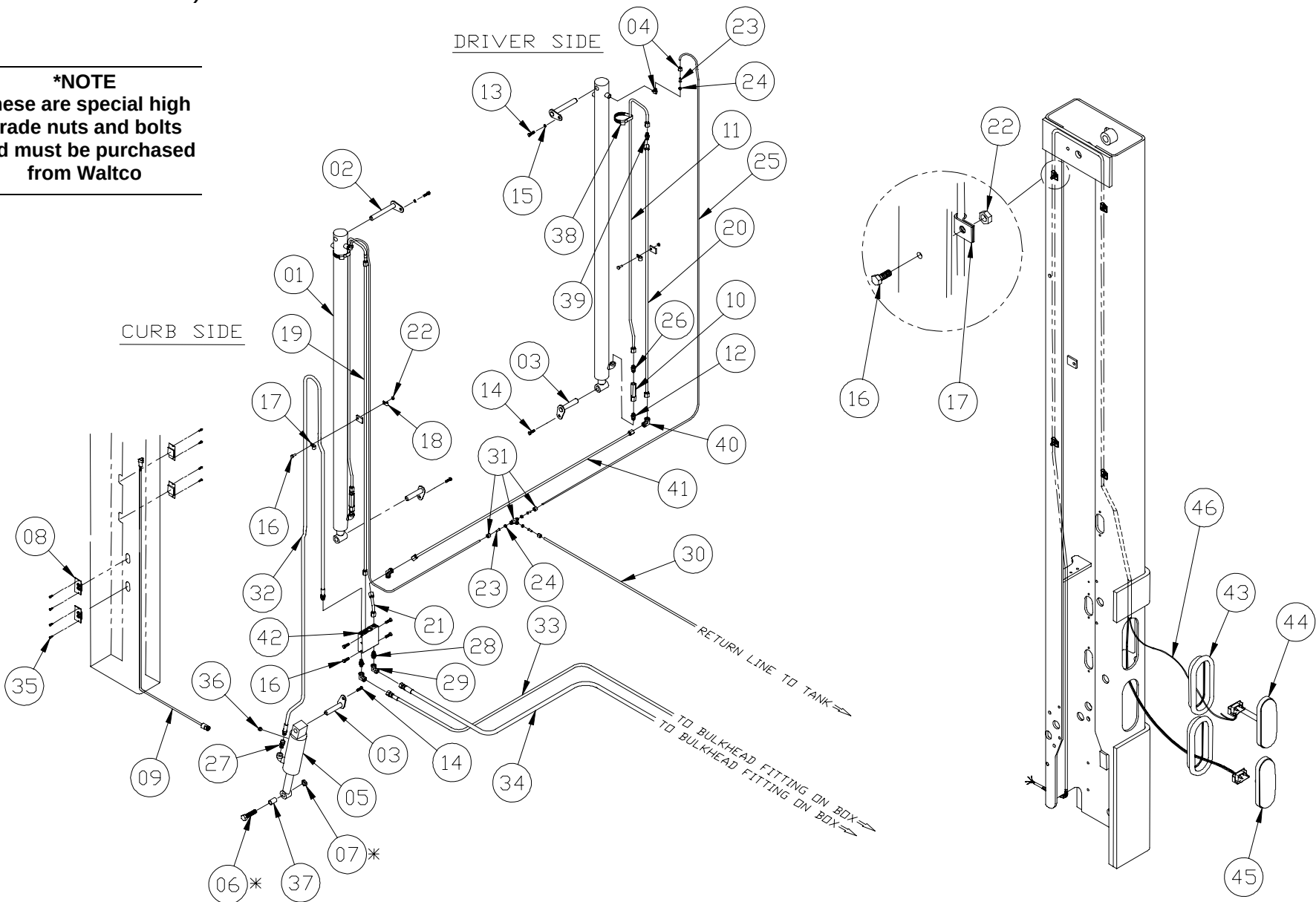
Rev. 01 8/10

[Click here for list of liftgate serial numbers, organized by approximate ship dates.](#)

LIFTGATE HYDRAULIC & ELECTRICAL LAYOUT

(Built 10-05 thru 2-06)

***NOTE**
These are special high grade nuts and bolts and must be purchased from Waltco



WALTCO LIFT CORP.
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REVISED: 8-1-09
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REV. 02

PM-694

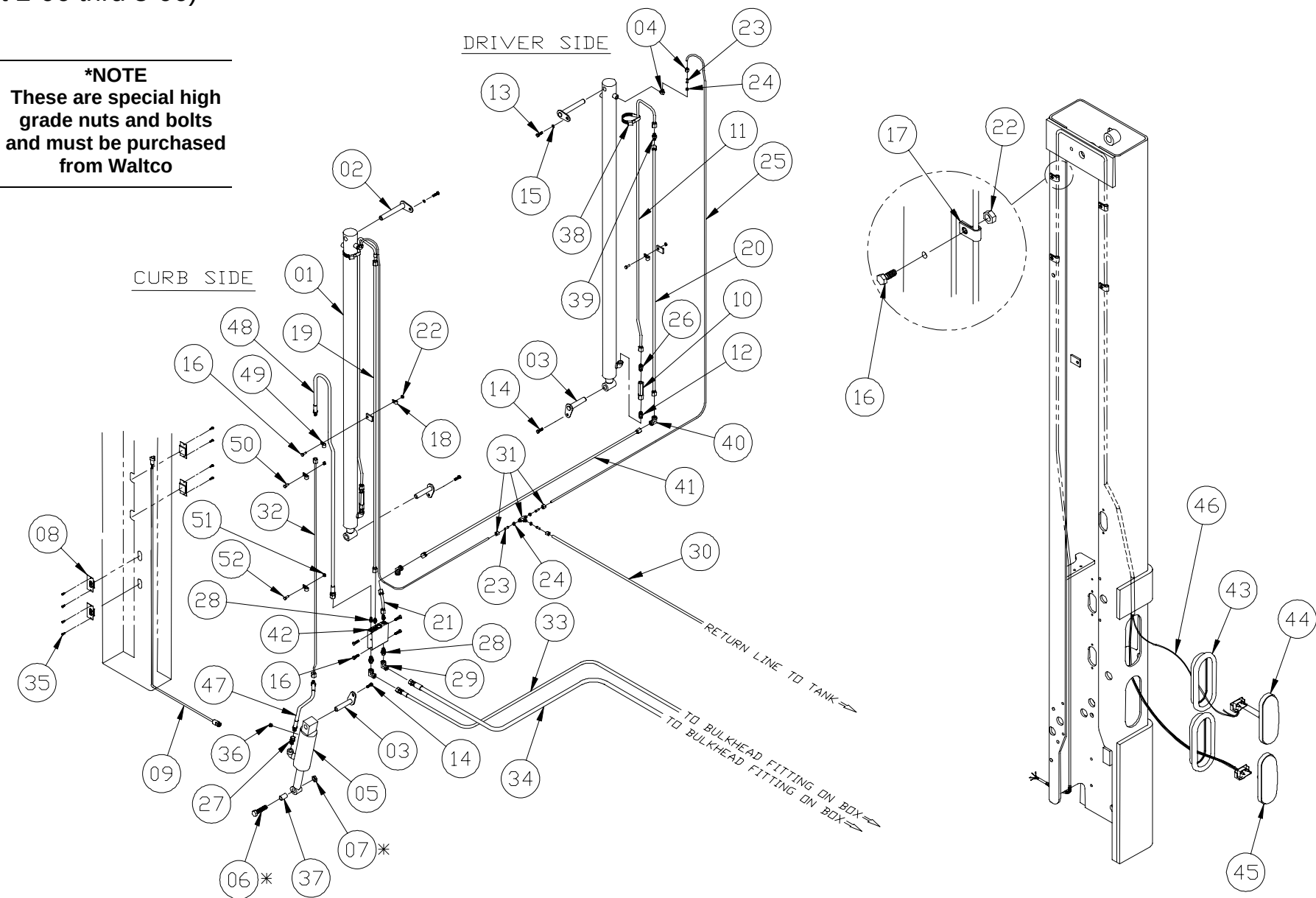
ITEM	PART NUMBER	QTY	DESCRIPTION
01	31780050	2	Lift Cylinder
02	31470501	2	Upper Lift Cylinder Pin
03	31471501	3	Lower Lift Cylinder Pin
04	75082877	2	¼" NPT x ¼" Compression 90° Elbow
05	32480012	1	Closer Cylinder
06	75086236	1	Lower Closer Cylinder Bolt (Special 5/8"-18UNF x 2-1/2" Lg. Grade 8)
07	75085183	1	5/8"-18 Lock Nut (Grade 8)
08	10099360	4	Switch
09	31791000	1	Control Wiring Harness
10	85803806	2	Pressure Compensated Flow Control Valve
11	31793001	2	Fluid Line Assembly
12	75082614	2	¼" NPT x ¼" BPT Male Pipe Nipple
13	75086055	2	3/8"-16 x ¾" Hex Head Screw
14	75086846	3	3/8"-16 x ¾" Hex Thread Rolling Screw
15	75088081	2	3/8" Lock Washer
16	75086062	14	¼"-20 x ¾" Lg. Hex Bolt (Grade 5)
17	75083044	9	Hose Clamp Insulated ½" I.D.
18	75082881	2	Hose Clamp Insulated 3/8" I.D.
19	31793002	1	Fluid Line Assembly, Straight, Curb Side
20	31793004	1	Fluid Line Assembly, Straight, Driver Side
21	31793006	1	Fluid Line Assembly, Short, Curb Side
22	75085161	10	¼"-20 Hex Locknut
23	75082874	5	Brass Insert (For Compression Fittings)
24	75082873	5	Brass Insert (For Compression Fittings)
25	31493101	2	¼" O.D. x 192" Lg. Nylon Tubing
26	85803804	2	¼" NPT x ¼" Tube Adapter
27	75082871	1	¼"-18 NPT Male x 9/16" 37° Flare Female Swivel Adapter
28	75083029	2	9/16" Male JIC x 9/16" SAE Adapter
29	75083028	2	9/16" Male JIC x 9/16" Female 90° Elbow Swivel Adapter
30	82021039	1	¼" O.D. x 14 ft. Nylon Tubing (for Trucks)
	82021039		¼" O.D. x 14 ft. Nylon Tubing (for Trailers)
31	75082876	1	¼" Compression Tee
32	31793007	1	9/16"-18 37° Flare Male x 9/16"-18 "O" Ring male x 170" Lg. Hose Assembly

ITEM	PART NUMBER	QTY	DESCRIPTION
33	75083103	1	9/16"-18 37° Flare Female x 9/16"-18 37° Flare female x ¼" I.D. x 76" Lg. Hose Assembly (Truck Kit Only)
	75083104		9/16"-18 37° Flare Female x 9/16"-18 37° Flare female x ¼" I.D. x 372" Lg. Hose Assembly (Trailer Kit Only)
34	75083101	1	9/16"-18 37° Flare Female x 9/16"-18 37° Flare female x 3/8" I.D. x 65" Lg. Hose Assembly (Truck Kit Only)
	75083102		9/16"-18 37° Flare Female x 9/16"-18 37° Flare female x 3/8" I.D. x 372" Lg. Hose Assembly (Trailer Kit Only)
35	75085997	8	¼"-20 x 5/8" Lg. Flat Socket Head Screw
36	75089315	1	Breather
37	32481712	1	¾" O.D. x 5/8" I.D. x 1-1/4" Lg. Bearing
38	75089299	2	Cable Tie
39	75083027	2	9/16" Male JIC x 9/16" Male JIC Adapter
40	75083026	2	9/16" Male JIC x 9/16" Male JIC 90° Elbow
41	31793003	1	Fluid Tube, Cross Beam, 96" O.A.W.
	31793005		Fluid Tube, Cross Beam, 102" O.A.W.
42	70401680 ^A	1	Flow Divider Valve (See Note A)
43	75089376	4	Light Grommet
44	75089374	2	Back Up Light (Truck)
	75089428		Stop / Turn / Tail L.E.D. Light (Trailer)
45	75089428	2	Stop / Turn / Tail L.E.D. Light (Trailer)
	75089428		Stop / Turn / Tail L.E.D. Light (Trailer)
46	31791550	2	Harness (Truck)
	31791500		Harness (Trailer)

NOTES:
A. Part is no longer available. Use kit 80001123. Contact Waltco Parts Dept. for more information.

LIFTGATE HYDRAULIC & ELECTRICAL LAYOUT
(Built 2-06 thru 8-06)

***NOTE**
These are special high grade nuts and bolts and must be purchased from Waltco



WALTCO LIFT CORP.
WDLUS

NOTES:
A. Part is no longer available. Use kit 80001123. Contact Waltco Parts Dept. for more information.

REVISED: 8-1-09
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REV. 04

PM-694A

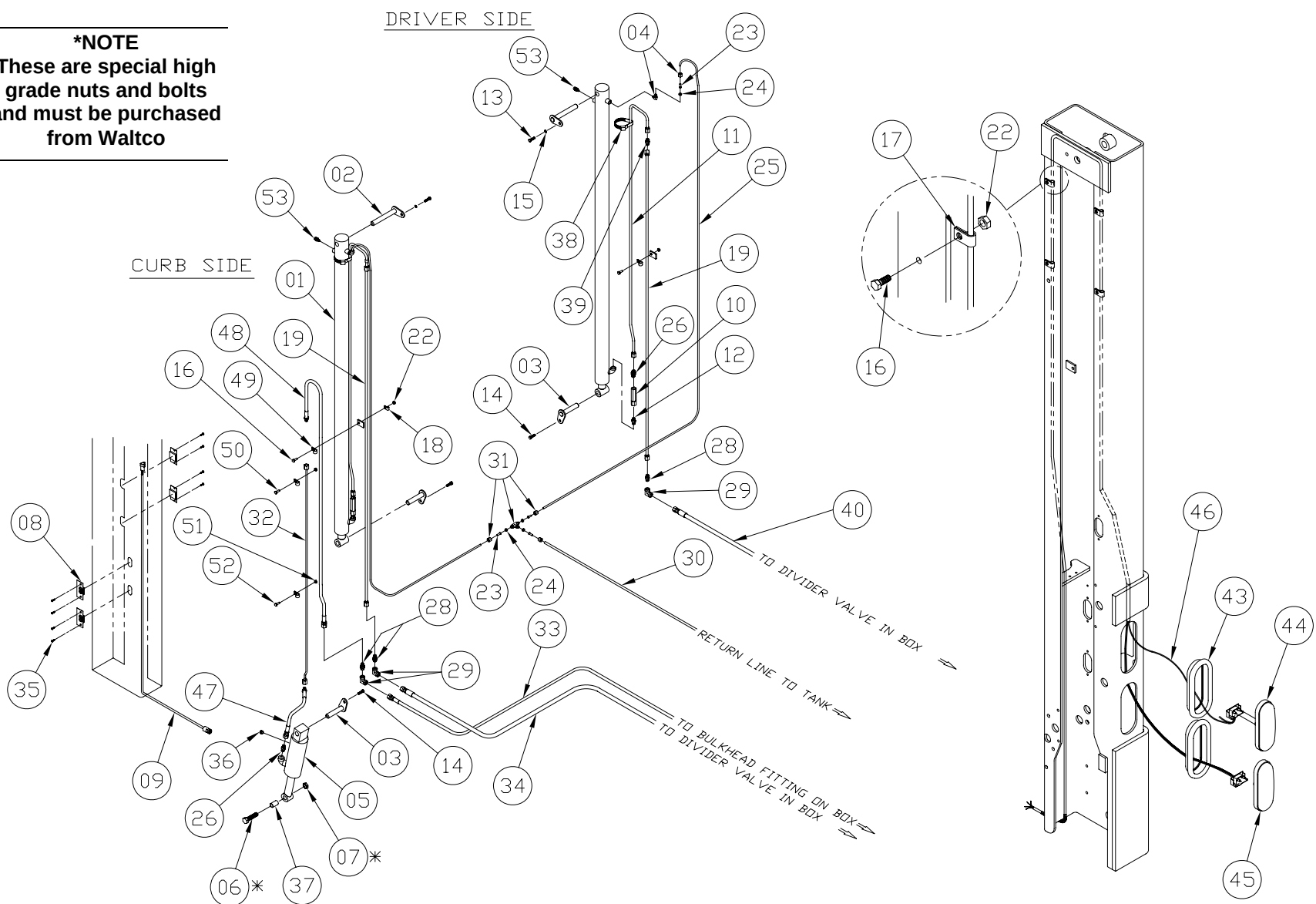
ITEM	PART NUMBER	QTY	DESCRIPTION
01	31780050	2	Lift Cylinder
02	31470501	2	Upper Lift Cylinder Pin
03	31471501	3	Lower Lift Cylinder Pin
04	75082877	2	1/4" NPT x 1/4" Compression 90° Elbow
05	32480012	1	Closer Cylinder
06	75086236	1	Lower Closer Cylinder Bolt (Special 5/8"-18UNF x 2-1/2" Lg. Grade 8)
07	75085183	1	5/8"-18 Lock Nut (Grade 8)
08	10099360	4	Switch
09	31791002	1	Control Wiring Harness
10	85803806	2	Pressure Compensated Flow Control Valve
11	31793001	2	Fluid Line Assembly
12	75082614	2	1/4" NPT x 1/4" BPT Male Pipe Nipple
13	75086055	2	3/8"-16 x 3/4" Hex Head Screw
14	75086846	3	3/8"-16 x 3/4" Hex Thread Rolling Screw
15	75088081	2	3/8" Lock Washer
16	75086062	14	1/4"-20 x 3/4" Lg. Hex Bolt (Grade 5)
17	75082881	8	Hose Clamp Insulated 3/8" I.D.
18	75082879	4	Hose Clamp Insulated 1/4" I.D.
19	31793002	1	Fluid Line Assembly, Straight, Curb Side
20	31793004	1	Fluid Line Assembly, Straight, Driver Side
21	31793006	1	Fluid Line Assembly, Short, Curb Side
22	75085161	10	1/4"-20 Hex Locknut
23	75082874	5	Brass Insert (For Compression Fittings)
24	75082873	5	Brass Insert (For Compression Fittings)
25	31493101	2	1/4" O.D. x 192" Lg. Nylon Tubing
26	85803804	2	1/4" NPT x 1/4" Tube Adapter
27	75082871	1	1/4"-18 NPT Male x 9/16" 37° Flare Female Swivel Adapter
28	75083029	5	9/16" Male JIC x 9/16" SAE Adapter
29	75083028	2	9/16" Male JIC x 9/16" Female 90° Elbow Swivel Adapter
30	82021039	1	1/4" O.D. x 14 ft. Nylon Tubing (for Trucks)
	82021039		1/4" O.D. x 14 ft. Nylon Tubing (for Trailers)
31	75082876	1	1/4" Compression Tee
32	31793008	1	Hard line for closer hose
33	75083103	1	9/16"-18 37° Flare Female x 9/16"-18 37° Flare female x 1/4" I.D. x 76" Lg. Hose Assembly (Truck Kit Only)

ITEM	PART NUMBER	QTY	DESCRIPTION
	75083104		9/16"-18 37° Flare Female x 9/16"-18 37° Flare female x 1/4" I.D. x 372" Lg. Hose Assembly (Trailer Kit Only)
34	75083101	1	9/16"-18 37° Flare Female x 9/16"-18 37° Flare female x 3/8" I.D. x 65" Lg. Hose Assembly (Truck Kit Only)
	75083102		9/16"-18 37° Flare Female x 9/16"-18 37° Flare female x 3/8" I.D. x 372" Lg. Hose Assembly (Trailer Kit Only)
35	75085997	8	10-24 x 5/8" Lg. Flat Socket Head Screw
36	75089315	1	Breather
37	32481712	1	3/4" O.D. x 5/8" I.D. x 1-1/4" Lg. Bearing
38	75089299	2	Cable Tie
39	75083027	2	9/16" Male JIC x 9/16" Male JIC Adapter
40	75083026	2	9/16" Male JIC x 9/16" Male JIC 90° Elbow
41	31793003	1	Fluid Tube, Cross Beam, 96" O.A.W.
	31793005		Fluid Tube, Cross Beam, 102" O.A.W.
42	70401680 ^A	1	Flow Divider Valve comp. (See Note A)
	70401681 ^A	1	Cartridge valve (See Note A)
43	75089376	4	Light Grommet
44	75089374	2	Back Up Light (Truck)
	75089428		Stop / Turn / Tail L.E.D. Light (Trailer)
45	75089428	2	Stop / Turn / Tail L.E.D. Light (Trailer)
	75089428		Stop / Turn / Tail L.E.D. Light (Trailer)
46	31791550	2	Harness (Truck)
	31791500		Harness (Trailer)
47	31793010	1	Short Closer Hose 14"
48	80001113	1	Long Closer Hose 93", KIT.
49	75083047	1	Hose Clamp Insulated 3/4" I.D.
50	75086702	1	1/4"-20 x 5/8" Lg. Pan Head Screw
51	75085001	2	1/4"-20 Serrated Hex Nut
52	75086000	1	1/4"-20 x 5/8" Lg. Flat Head Socket Screw

LIFTGATE HYDRAULIC & ELECTRICAL LAYOUT

(Built 8-06 thru 6-08)

***NOTE**
These are special high grade nuts and bolts and must be purchased from Waltco



WALTCO LIFT CORP.
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REVISED: 8-1-09
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REV. 04

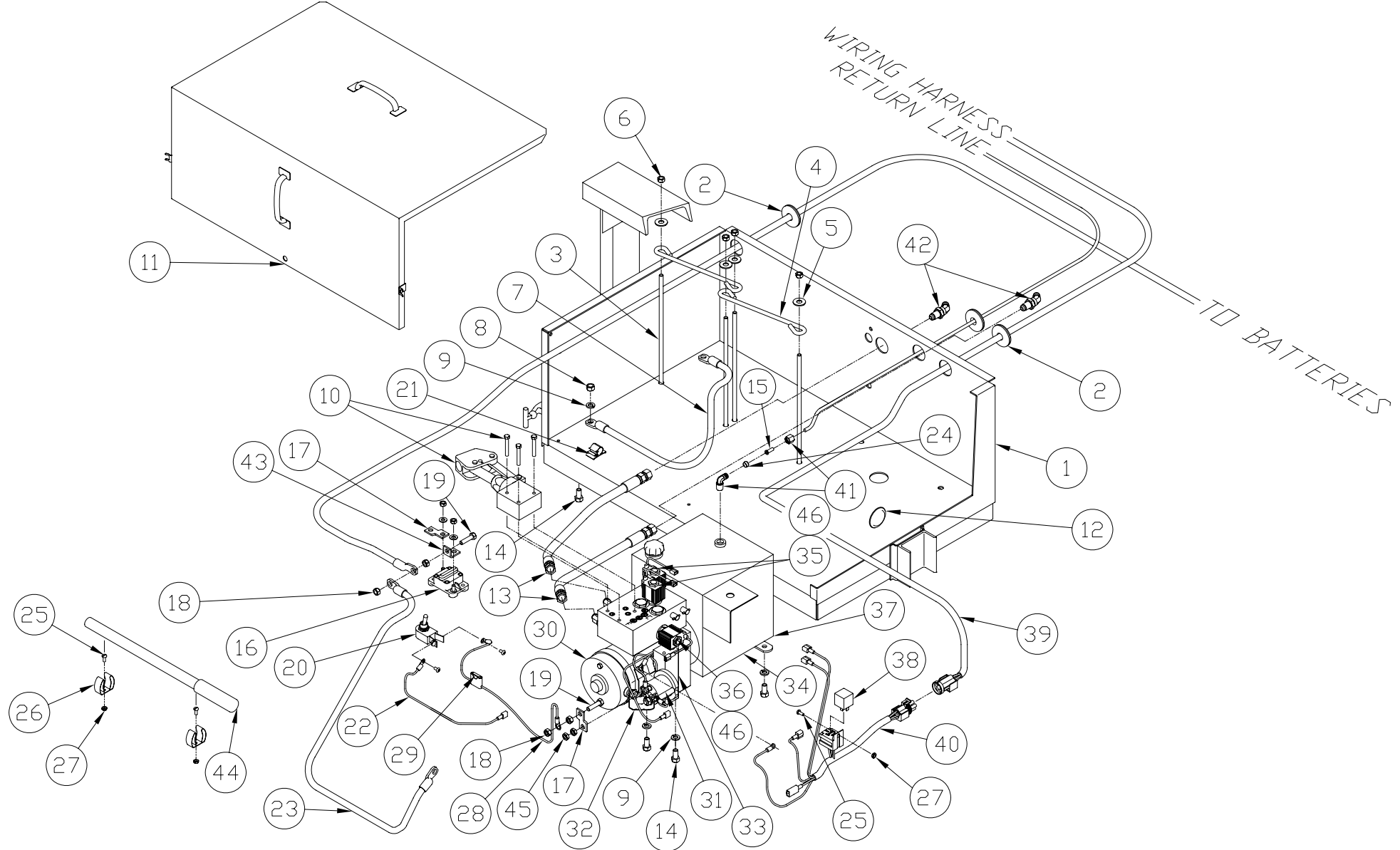
PM-694B

ITEM	PART NUMBER	QTY	DESCRIPTION
01	31780050	2	Lift Cylinder
02	31470501	2	Upper Lift Cylinder Pin
03	31471501	3	Lower Lift Cylinder Pin
04	75082877	2	¼" NPT x ¼" Compression 90° Elbow
05	32480012	1	Closer Cylinder
06	75086236	1	Lower Closer Cylinder Bolt (Special 5/8"-18UNF x 2-1/2" Lg. Grade 8)
07	75085183	1	5/8"-18 Lock Nut (Grade 8)
08	10099360	4	Switch W/ decal applied
09	31791002	1	Control Wiring Harness
10	85803806	2	Pressure Compensated Flow Control Valve
11	31793011	2	Fluid Line Assembly
12	75082614	2	¼" NPT x ¼" BPT Male Pipe Nipple
13	75086055	2	3/8"-16 x ¾" Hex Head Screw
14	75086846	3	3/8"-16 x ¾" Hex Thread Rolling Screw
15	75088081	2	3/8" Lock Washer
16	75086062	14	¼"-20 x ¾" Lg. Hex Bolt (Grade 5)
17	75082881	8	Hose Clamp Insulated 3/8" I.D.
18	75082879	4	Hose Clamp Insulated ¼" I.D.
19	31793022	2	Fluid Line Assembly
22	75085161	10	¼"-20 Hex Locknut
23	75082874	5	Brass Insert (For Compression Fittings)
24	75082873	5	Brass Insert (For Compression Fittings)
25	31493101	2	¼" O.D. x 192" Lg. Nylon Tubing
26	75083335	3	Male Adapter, 11/16"-16 ORS x ¼" NPT
28	75083333	3	Bulkhead Union, 11/16"-16 ORS
29	75083334	3	90° Elbow Swivel, 11/16"-16 ORS
30	82021039	1	¼" O.D. x 14 ft. Nylon Tubing (for Trucks)
	82021039		¼" O.D. x 31 ft. Nylon Tubing (for Trailers)
31	75082876	1	¼" Compression Tee
32	31793028	1	Hard line for closer hose
33	75083605	1	11/16"-16 ORS Female x ¼" I.D. x 76" Lg. Hose Assembly (Truck Kit Only)
	75083601		11/16"-16 ORS Female x ¼" I.D. x 372" Lg. Hose Assembly (Long Trailer Kit Only)

ITEM	PART NUMBER	QTY	DESCRIPTION
34	75083602	1	11/16"-16 ORS Female x 3/8" I.D. x 76" Lg. Hose Assembly (Truck Kit Only)
	75083600		11/16"-16 ORS Female x 3/8" I.D. x 372" Lg. Hose Assembly (Long Trailer Kit Only)
35	75085997	8	10-24 x 5/8" Lg. Flat Socket Head Screw
36	75089315	1	Breather
37	32481712	1	¾" O.D. x 5/8" I.D. x 1-1/4" Lg. Bearing
38	75089299	2	Cable Tie
39	75083338	2	Union, 11/16"-16 ORS
40	75083603	1	11/16"-16 ORS Female x 3/8" I.D. x 153" Lg. Hose Assembly (Truck Kit Only)
	75083600		11/16"-16 ORS Female x 3/8" I.D. x 372" Lg. Hose Assembly (Long Trailer Kit Only)
43	75089376	4	Light Grommet
44	75089374	2	Back Up Light (Truck)
	75089428		Stop / Turn / Tail L.E.D. Light (Trailer)
45	75089428	2	Stop / Turn / Tail L.E.D. Light (Trailer)
	75089428		Stop / Turn / Tail L.E.D. Light (Trailer)
46	31791550	2	Harness (Truck)
	31791500		Harness (Trailer)
47	31793030	1	Short Closer Hose 14"
48	80001136	1	Long Closer Hose 93-3/4", KIT.
49	75083047	1	Hose Clamp Insulated 3/4" I.D.
50	75086702	1	¼"-20 x 5/8" Lg. Pan Head Screw
51	75085001	2	¼"-20 Serrated Hex Nut
52	75086000	1	¼"-20 x 5/8" Lg. Flat Head Socket Screw
53	31793601	2	3/8-24 UNF Bleeder Valve

SINGLE PUMP & SINGLE PUMP w/ HAND PUMP HYADRAULIC & ELECTRICAL LAYOUT

(Built 10-05 thru 2-06)



WALTCO LIFT CORP.
WDLUS

REVISED: 8-1-09
E.O. 6251
REV. 02

PM-695

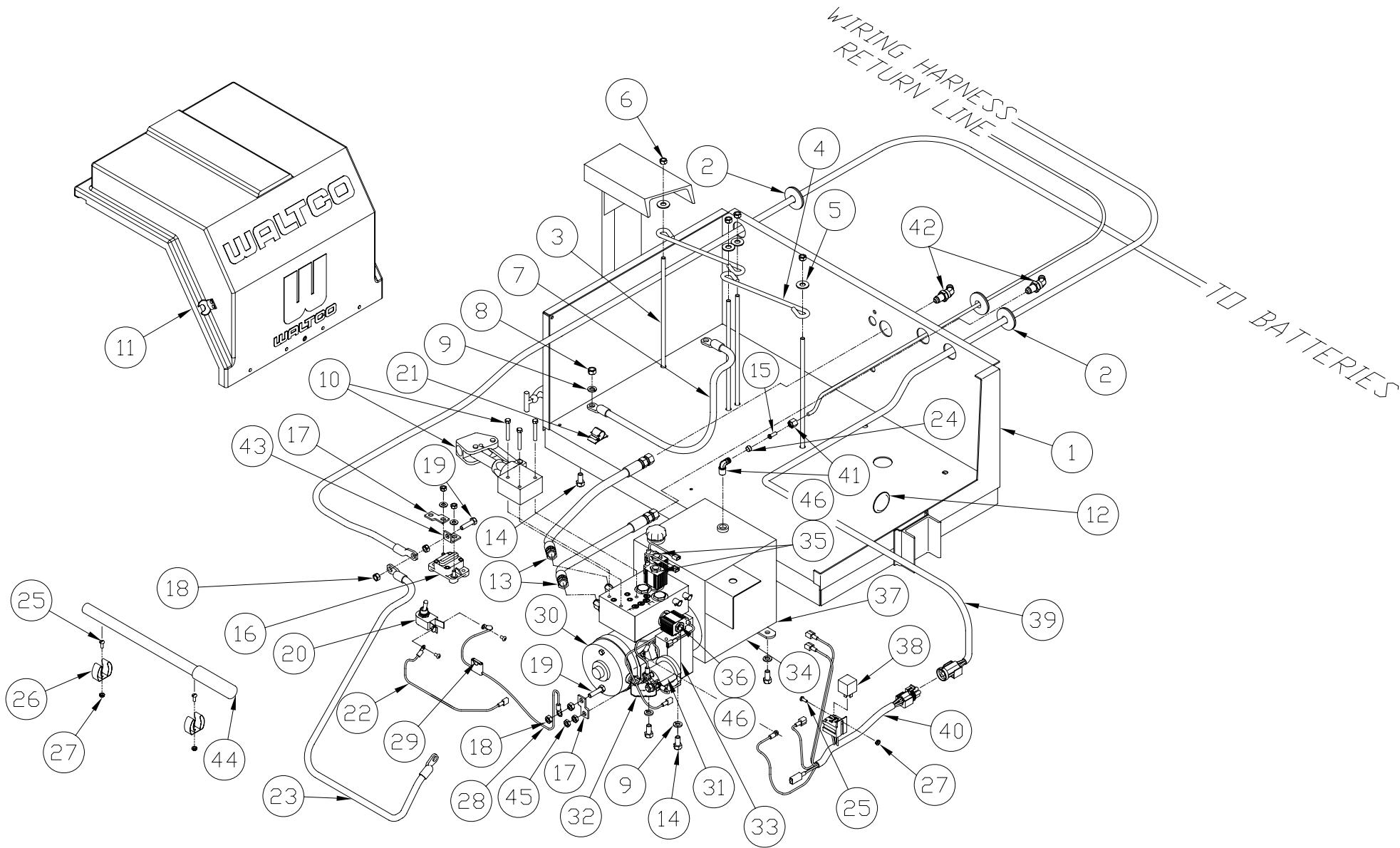
ITEM	PART NUMBER	QTY	DESCRIPTION
1	31590001	1	Hydraulic Enclosure Assy (Direct Power Only)
	31690001	1	Hydraulic Enclosure Assy (Aux. Batteries Only)
2	75089343	3	Grommet, Split Rubber
3	10291804	2	Bar, Battery Retainer (Aux. Batteries Only)
4	10291403	2	Bar, Battery Retainer (Aux. Batteries Only)
5	75088053	4	Flat Washer, 3/8" (Aux. Batteries Only)
6	75085177	4	Nylon Locknut, 5/16"-18 (Aux. Batteries Only)
7	10195518	1	Battery Cable Assy, 18" (Aux. Batteries Only)
8	75085005	1	Hex Nut, 3/8"-16, Serrated
9	75088081	5	Lock Washer, 3/8"
10	70401650	1	Hand Pump Kit (Hand Pump Option Only)
11	31591001	1	Hydraulic Enclosure Cover (Direct Power Only)
	31691001	1	Hydraulic Enclosure Cover (Aux. Batteries Only)
12	75089572	1	Plastic Plug, 1-3/8" Hole
13	75083094	2	Hose Assy, 3/8" ID x 18-1/2" x 9/16"-18 37° Flare Fem.
14	75086055	5	Hex Bolt, 3/8"-16 x 3/4", Grade 5
15	75082874	1	Brass Insert (For Compression Adapter)
16	75089243 ^A	1	Circuit Breaker, 150 Amp
17	10099500	2	Terminal Strip
18	75085003	4	Hex Nut, 5/16"-18, Serrated
19	75086217	2	Hex Bolt, 5/16"-18 x 1-1/4" lg.
20	75089807	1	Toggle switch
21	75080062	3	Wire Clip
22	31491402	1	Wire, Key Switch Control
23	10195536	1	Battery Cable Assy, 36"
24	75082873	1	Delrin Sleeve (For Compression Adapter)
25	75086707	5	Screw, #10-32 x 5/8" lg.
26	85803482	2	Holder, Spring Clip (Hand Pump Option Only)
27	75085000	5	Hex Nut, #10-32, Serrated
28	31491501	1	Wire, Key Switch Control
29	75089853	1	Fuse, 5 Amp
30	7043002-1 ^A	1	Motor
31	75089833 ^A	1	Starter Solenoid
32	75089834 ^A	1	Bus Bar
33	10099403 ^A	1	Controller
34	70401501	1	Reservoir
35	70092503	2	Solenoid Valve, 2 way, 2 Pos w/ Coil
36	70092501	1	Solenoid Valve, 3 way, 2 Pos w/ Coil
37	70402085	1	Hydraulic Pump Unit – Single Pump

ITEM	PART NUMBER	QTY	DESCRIPTION
38	85803921	1	Relay
39	31791000	1	Liftgate Wiring Harness
	31494601	1	Trailer Extension Harness (Trailer Kits Only)
40	31491803	1	Motor Wiring Harness
41	75082877	1	Elbow, 90°, 1/4" NPT x 1/4" Compression
42	75082867	2	45° Bulkhead Elbow, 9/16"-18 37° Flare Male
43	10099501	1	Terminal Strip (90° formed)
44	70401651	1	Hand Pump Handle (included with Item 13)
45	75085020	1	Hex jam nut, 5/16"-24.
46	70402303	3	Coil, 10V, 25W

PUMP AND ENCLOSURE ASSEMBLIES COMPLETE	
PART No.	DESCRIPTION
31796504	Single Pump Direct Power & 21" Enclosure
31796603	Single Pump Aux. Battery & 31" Enclosure
31797503	Single Pump w/HP Direct Power & 21" Enclosure
31797603	Single Pump w/HP Aux. Battery & 31" Enclosure

^A Included in Motor/Solenoid Assembly 70400858

SINGLE PUMP & SINGLE PUMP w/ HAND PUMP HYSRAULIC & ELECTRICAL LAYOUT
(Built 2-06 thru 6-06)



WALTCO LIFT CORP.
WDLUS

REVISED: 8-1-09
E.O. 6251
REV. 02

PM-695A

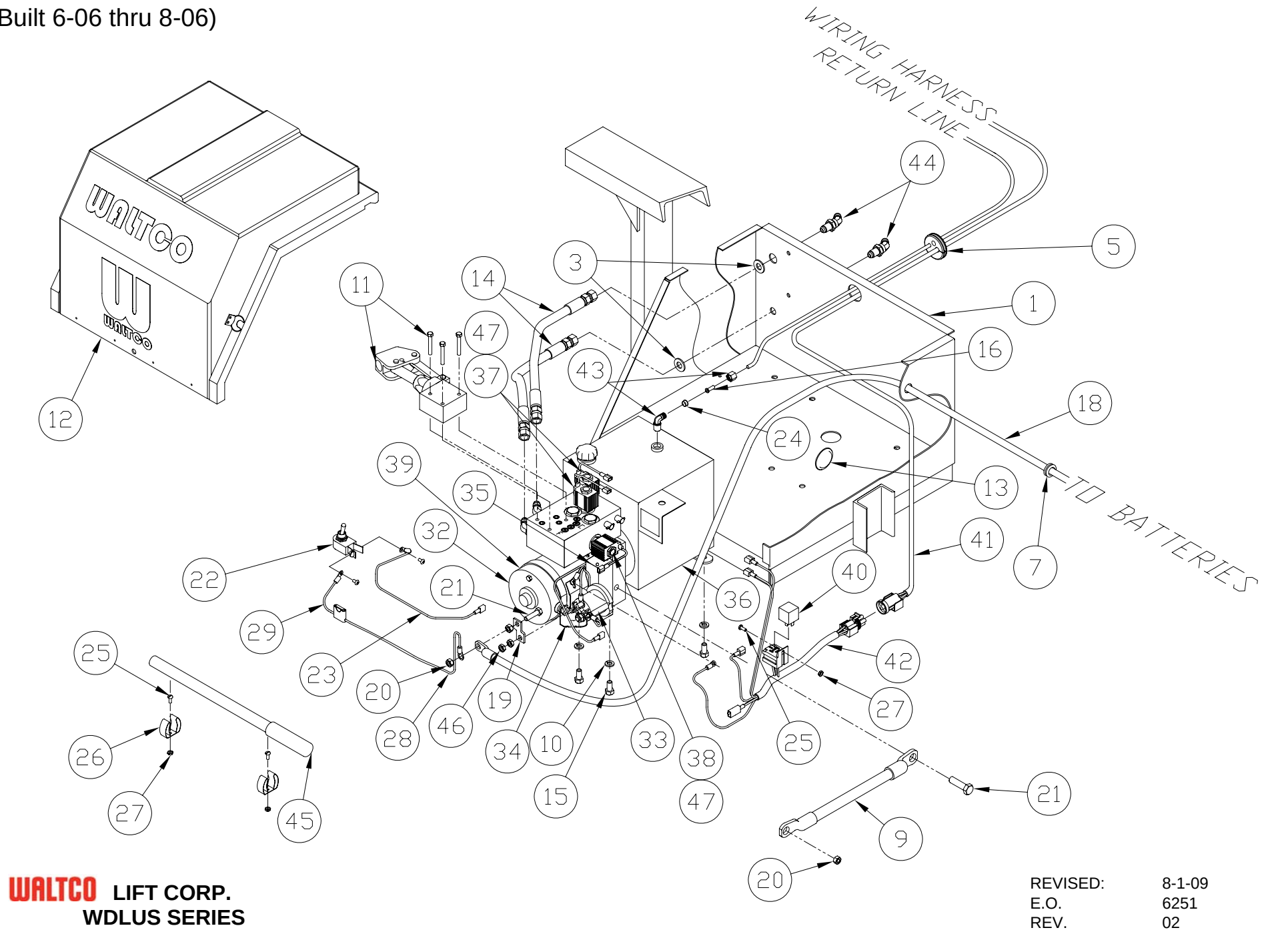
ITEM	PART NUMBER	QTY	DESCRIPTION
1	31590102	1	Hydraulic Enclosure Assy
2	75089343	3	Grommet, Split Rubber
3	10291804	2	Bar, Battery Retainer (Aux. Batteries Only)
4	10291403	2	Bar, Battery Retainer (Aux. Batteries Only)
5	75088053	4	Flat Washer, 3/8" (Aux. Batteries Only)
6	75085177	4	Nylon Locknut, 5/16"-18 (Aux. Batteries Only)
7	10195518	1	Battery Cable Assy, 18" (Aux. Batteries Only)
8	75085005	1	Hex Nut, 3/8"-16, Serrated
9	75088081	5	Lock Washer, 3/8"
10	70401650	1	Hand Pump Kit (Hand Pump Option Only)
11	31590902	1	Hydraulic Enclosure Cover
12	75089572	1	Plastic Plug, 1-3/8" Hole
13	75083094	2	Hose Assy, 3/8" ID x 18-1/2" x 9/16"-18 37° Flare Fem.
14	75086055	5	Hex Bolt, 3/8"-16 x 3/4", Grade 5
15	75082874	1	Brass Insert (For Compression Adapter)
16	75089243 ^A	1	Circuit Breaker, 150 Amp
17	10099500	2	Terminal Strip
18	75085003	4	Hex Nut, 5/16"-18, Serrated
19	75086217	2	Hex Bolt, 5/16"-18 x 1-1/4" lg.
20	75089807	1	Toggle switch
21	75080062	3	Wire Clip
22	31491402	1	Wire, Key Switch Control
23	10195536	1	Battery Cable Assy, 36"
24	75082873	1	Delrin Sleeve (For Compression Adapter)
25	75086707	5	Screw, #10-32 x 5/8" lg.
26	85803482	2	Holder, Spring Clip (Hand Pump Option Only)
27	75085000	5	Hex Nut, #10-32, Serrated
28	31491501	1	Wire, Key Switch Control
29	75089853	1	Fuse, 5 Amp
30	7043002-1 ^A	1	Motor
31	75089833 ^A	1	Starter Solenoid
32	75089834 ^A	1	Bus Bar
33	10099403 ^A	1	Controller
34	70401501	1	Reservoir
35	70092503	2	Solenoid Valve, 2 way, 2 Pos w/ Coil
36	70092501	1	Solenoid Valve, 3 way, 2 Pos w/ Coil
37	70402085	1	Hydraulic Pump Unit – Single Pump
38	85803921	1	Relay
39	31791000	1	Liftgate Wiring Harness
	31494601	1	Trailer Extension Harness (Trailer Kits Only)
40	31491803	1	Motor Wiring Harness

ITEM	PART NUMBER	QTY	DESCRIPTION
41	75082877	1	Elbow, 90°, 1/4" NPT x 1/4" Compression
42	75082867	2	45° Bulkhead Elbow, 9/16"-18 37° Flare Male
43	10099501	1	Terminal Strip (90° formed)
44	70401651	1	Hand Pump Handle (included with Item 13)
45	75085020	1	Hex jam nut, 5/16"-24.
46	70402303	3	Coil, 10V, 25W

PUMP AND ENCLOSURE ASSEMBLIES COMPLETE	
PART No.	DESCRIPTION
31796504	Single Pump Direct Power & 21" Enclosure

^A Included in Motor/Solenoid Assembly 70400858

SINGLE PUMP & SINGLE PUMP w/ HAND PUMP HYDRAULIC & ELECTRICAL LAYOUT
(Built 6-06 thru 8-06)

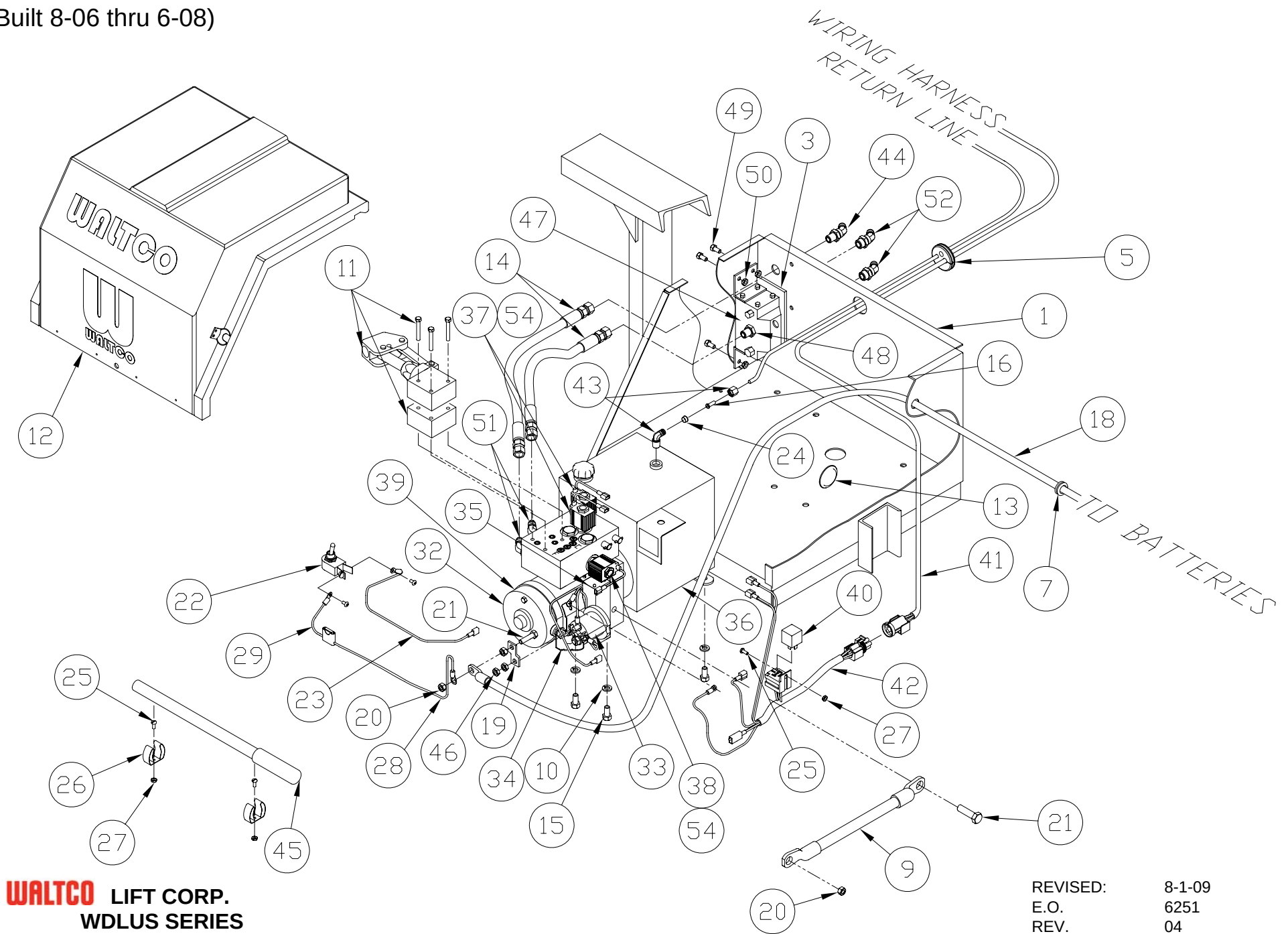


ITEM	PART NUMBER	QTY	DESCRIPTION
1	31590102	1	Hydraulic Enclosure, Base
3	75088056	1	Washer, ½" I.D. X 1-3/8" O.D.
5	75089309	1	Grommet, Control Harness/Return Line
7	75089312	1	Grommet, Battery Cable
9	10195518	1	Ground Cable, 2 Ga. X 18" Lg.
10	75088081	4	Lock Washer, 3/8"
11	70401650	1	Hand Pump Kit (Optional)
12	31590902	1	Hydraulic Enclosure Cover
13	75089572	1	Plastic Plug, 1-3/8" Hole
14	75083094	2	Hose Assy, 3/8" ID x 18-1/2" x 9/16"-18 37° Flare Fem.
15	75086055	4	Hex Bolt, 3/8"-16 x ¾", Grade 5
16	75082874	1	Brass Insert (For Compression Adapter)
18	80000557	1	25 ft. Battery Cable Kit
	80000555		30 ft. Battery Cable Kit
	80000549		38 ft. Battery Cable Kit
19	10099500	1	Terminal Strip
20	75085003	3	Hex Nut, 5/16"-18, Serrated
21	75086217	2	Hex Bolt, 5/16"-18 x 1-1/4" lg.
22	75089807	1	Toggle switch
23	31491402	1	Wire, Switch Control
24	75082873	1	Delrin Sleeve (For Compression Adapter)
25	75086707	3	Screw, #10-32 x 5/8" lg.
26	85803482	2	Holder, Spring Clip (Hand Pump Option Only)
27	75085000	3	Hex Nut, #10-32, Serrated
28	31491501	1	Wire, Switch Control
29	75089853	1	Fuse, 5 Amp
32	7043002-1 ^A	1	Motor
33	75089833 ^A	1	Starter Solenoid
34	75089834 ^A	1	Bus Bar
35	10099403 ^A	1	Controller
36	70401501	1	Reservoir
37	70092503	2	Solenoid Valve, 2 way, 2 Pos w/ Coil
38	70092501	1	Solenoid Valve, 3 way, 2 Pos w/ Coil
39	70402085	1	Hydraulic Pump Unit – Single Pump

ITEM	PART NUMBER	QTY	DESCRIPTION
40	85803921	1	Relay
41	31491902	1	Liftgate Wiring Harness
	31494601		Long Trailer Extension Harness
	31494602		Short Trailer Extension Harness
42	31491803	1	Motor Wiring Harness
43	75082877	1	Elbow, 90°, ¼" NPT x ¼" Compression
44	75082867	2	45° Bulkhead Elbow, 9/16"-18 37° Flare Male
45	70401651	1	Hand Pump Handle (included with Hand Pump Kit)
46	75085020	1	Hex jam nut, 5/16"-24.
47	70402303	3	Coil, 10V, 25W

^A Included in Motor/Solenoid Assembly 70400858

SINGLE PUMP & SINGLE PUMP w/ HAND PUMP HYADRAULIC & ELECTRICAL LAYOUT
(Built 8-06 thru 6-08)



WALTCO LIFT CORP.
WDLUS SERIES

REVISED: 8-1-09
E.O. 6251
REV. 04

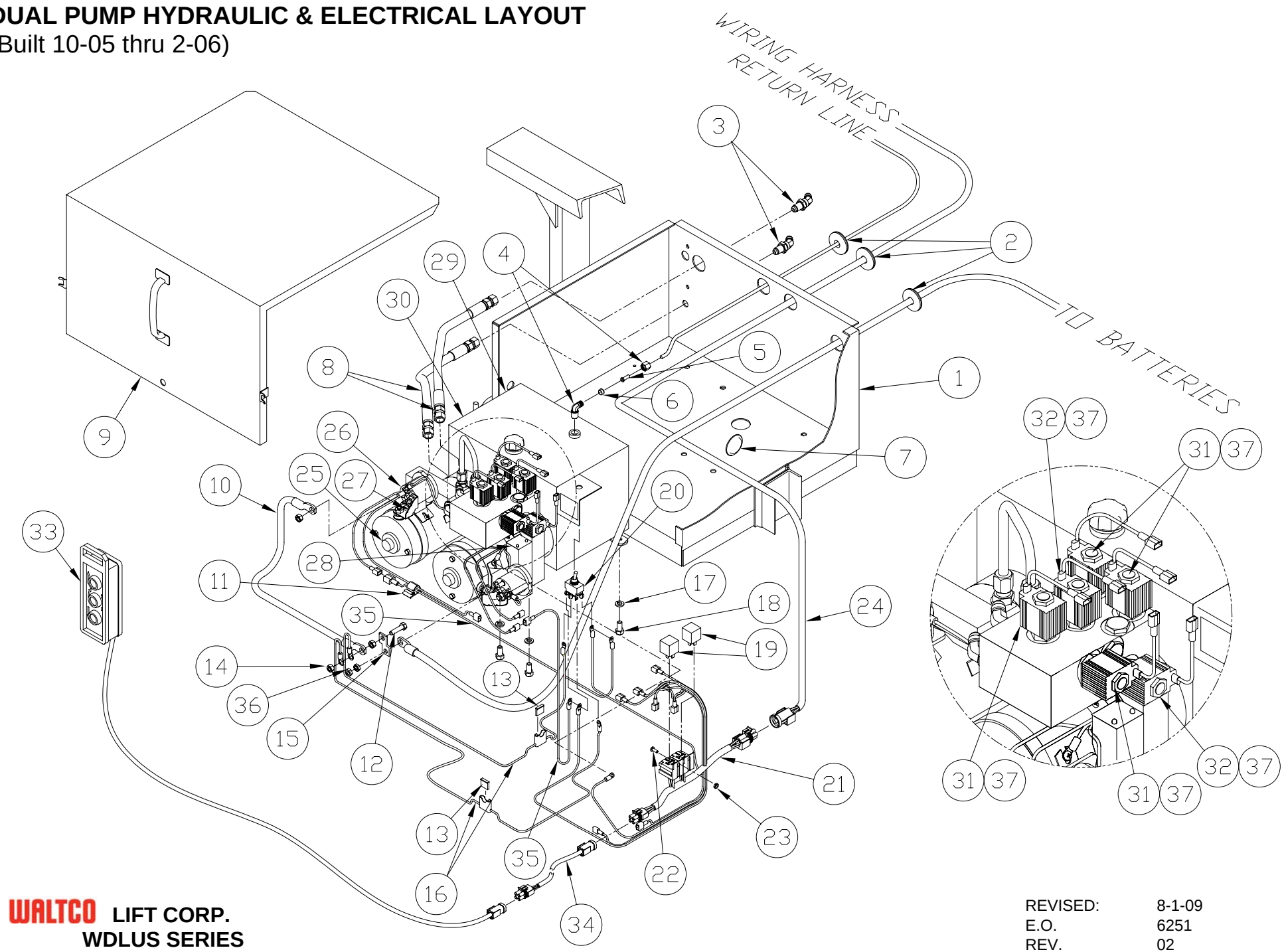
PM-695C

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31590102	1	Hydraulic Enclosure, Base
3	31790900	1	Gasket
5	75089309	1	Grommet, Control Harness/Return Line
7	75089313	1	Grommet, Battery Cable
9	10195518	1	Ground Cable, 2 Ga. X 18" Lg.
10	75088081	4	Lock Washer, 3/8"
11	80001121	1	Hand Pump Kit (Optional)
12	31590902	1	Hydraulic Enclosure Cover
13	75089572	1	Plastic Plug, 1-3/8" Hole
14	75083604	2	Hose Assy, 3/8" ID x 18-1/2" x 11/16"-16 Female
15	75086055	4	Hex Bolt, 3/8"-16 x 3/4", Grade 5
16	75082874	1	Brass Insert (For Compression Adapter)
18	80000557	1	25 ft. Battery Cable Kit
	80000555		30 ft. Battery Cable Kit
	80000549		38 ft. Battery Cable Kit
19	10099500	1	Terminal Strip
20	75085003	3	Hex Nut, 5/16"-18, Serrated
21	75086217	2	Hex Bolt, 5/16"-18 x 1-1/4" lg.
22	75089807	1	Toggle switch
23	31491402	1	Wire, Switch Control
24	75082873	1	Delrin Sleeve (For Compression Adapter)
25	75086707	3	Screw, #10-32 x 5/8" lg.
26	85803482	2	Holder, Spring Clip (Hand Pump Option Only)
27	75085000	3	Hex Nut, #10-32, Serrated
28	31491501	1	Wire, Switch Control
29	75089853	1	Fuse, 5 Amp
32	7043002-1 ^A	1	Motor
33	75089833 ^A	1	Starter Solenoid
34	75089834 ^A	1	Bus Bar
35	10099403 ^A	1	Controller
36	70401501	1	Reservoir
37	70092503	2	Solenoid Valve, 2 way, 2 Pos w/ Coil
38	70092501	1	Solenoid Valve, 3 way, 2 Pos w/ Coil
39	70402085	1	Hydraulic Pump Unit – Single Pump
40	85803921	1	Relay
41	31791002	1	Liftgate Wiring Harness
	31494601		Long Trailer Extension Harness
	31494602		Short Trailer Extension Harness
42	31491803	1	Motor Wiring Harness

ITEM	PART NUMBER	QTY	DESCRIPTION
43	75082877	1	Elbow, 90°, 1/4" NPT x 1/4" Compression
44	75083337	1	45° Bulkhead Union, 11/16-16 ORS Male
45	70401651	1	Hand Pump Handle (included with Hand Pump Kit)
46	75085020	1	Hex Jam Nut, 5/16"-24
47	70161000	1	Flow Divider Valve
48	75083332	1	Connector, 3/4"-16 SAE x 11/16"-16 ORS
49	75086036	4	Hex Bolt, 5/16"-18 x 1"
50	75085003	4	Hex Nut, 5/16"-18, Serrated
51	75083330	2	45° Elbow, 9/16"-18 SAE x 11/16"-16 ORS
52	75083331	2	45° Elbow, 3/4"-16 SAE x 11/16-16 ORS
53	70401655	1	Adapter Block
54	70402303	3	Coil, 10V, 25W

^A Included in Motor/Solenoid Assembly 70400858

DUAL PUMP HYDRAULIC & ELECTRICAL LAYOUT
(Built 10-05 thru 2-06)



REVISED: 8-1-09
E.O. 6251
REV. 02

PM-696

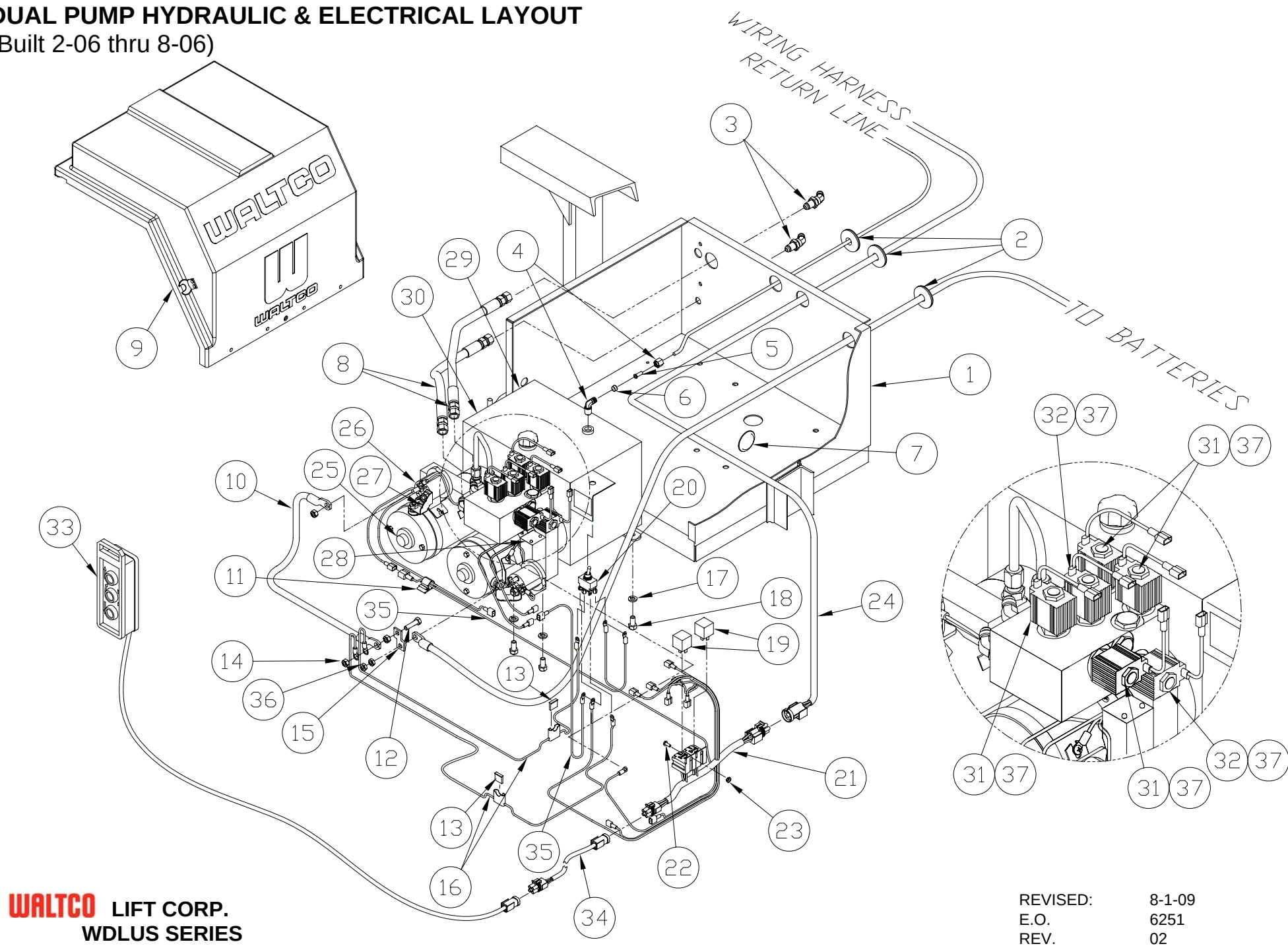
ITEM	PART NUMBER	QTY	DESCRIPTION
1	31590001	1	Hydraulic Enclosure Assy
2	75089343	3	Grommet, Split Rubber
3	75082867	2	45° Bulkhead Elbow, 9/16"-18 37° Flare Male
4	75082877	1	Elbow, 90°, 1/4" NPT x 1/4" Compression
5	75082874	1	Brass Insert (For Compression Adapter)
6	75082873	1	Delrin Sleeve (For Compression Adapter)
7	75089572	1	Plastic Plug, 1-3/8" Hole
8	75083094	2	Hose Assy, 3/8" ID x 18-1/2" x 9/16"-18 37° Flare Fem.
9	31591001	1	Hydraulic Enclosure Cover (Direct Power Only)
10	10195536	1	Battery Cable Assy, 36"
11	75080062	1	Wire Clip
12	75086217	1	Hex Bolt, 5/16"-18 x 1-1/4" lg.
13	75089853	2	Fuse, 5 Amp
14	75085003	2	Hex Nut, 5/16"-18, Serrated
15	10099500	1	Terminal Strip
16	31491501	2	Wire, Key Switch Control
17	75088081	4	Lock Washer, 3/8"
18	75086055	5	Hex Bolt, 3/8"-16 x 3/4", Grade 5
19	85803921	1	Relay
20	75089832	1	Toggle Switch
21	31491601	1	Motor Wiring Harness
22	75086707	5	Screw, #10-32 x 5/8" lg.
23	75085000	5	Hex nut, #10-32, Serrated
24	31791000	1	Liftgate Wiring Harness
	31494601	1	Trailer Extension Harness (Trailer Kits only)
25	7043002-1 ^A	1	Motor
26	75089833 ^A	1	Starter Solenoid
27	75089834 ^A	1	Bus Bar
28	10099403 ^A	1	Controller
29	70401501	1	Reservoir
30	70402280	1	Hydraulic Pump Unit – Dual Pump
31	70092503	4	Solenoid Valve, 2 way, 2 Pos w/ Coil
32	70092501	2	Solenoid Valve, 3 way, 2 Pos w/ Coil
33	85803975	1	Auxiliary Push Button Control
34	85803946	1	Auxiliary Control Extension Harness (Trailer Kits Only)
35	31492201	2	Wire, Control

ITEM	PART NUMBER	QTY	DESCRIPTION
36	75085020	1	Hex jam nut, 5/16"-24
37	70402303	6	Coil, 10V, 25W

PUMP AND ENCLOSURE ASSEMBLIES COMPLETE	
PART NUMBER	DESCRIPTION
31798504	Dual Pump and 21" Enclosure Complete

^A Included in Motor/Solenoid Assembly 70400858

DUAL PUMP HYDRAULIC & ELECTRICAL LAYOUT
(Built 2-06 thru 8-06)



WALTCO LIFT CORP.
WDLUS SERIES

REVISED: 8-1-09
E.O. 6251
REV. 02
PM-696A

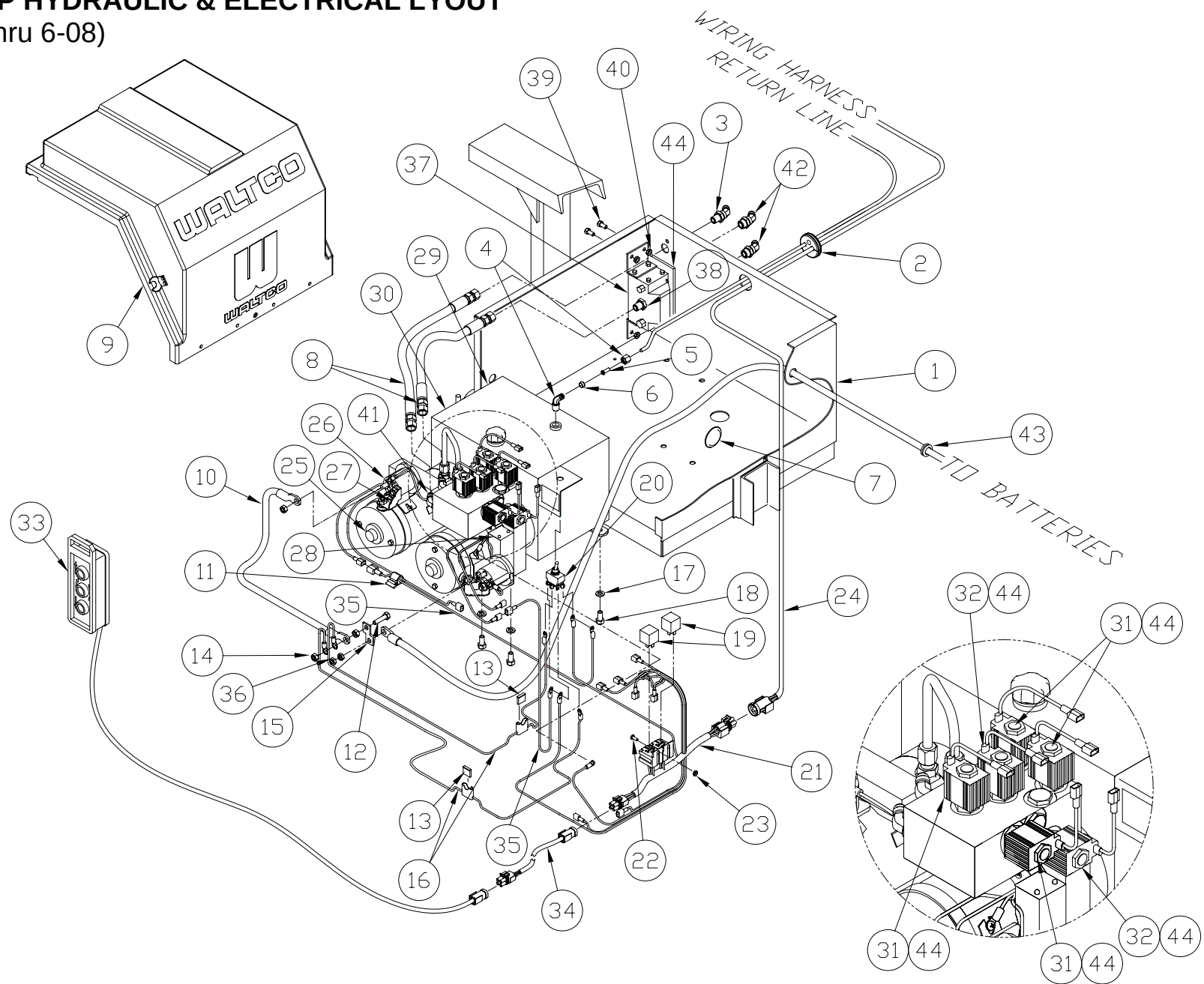
ITEM	PART NUMBER	QTY	DESCRIPTION
1	31590102	1	Hydraulic Enclosure Assy
2	75089343	3	Grommet, Split Rubber
3	75082867	2	45° Bulkhead Elbow, 9/16"-18 37° Flare Male
4	75082877	1	Elbow, 90°, ¼" NPT x ¼" Compression
5	75082874	1	Brass Insert (For Compression Adapter)
6	75082873	1	Delrin Sleeve (For Compression Adapter)
7	75089572	1	Plastic Plug, 1-3/8" Hole
8	75083094	2	Hose Assy, 3/8" ID x 18-1/2" x 9/16"-18 37° Flare Fem.
9	31590902	1	Hydraulic Enclosure Cover
10	10195536	1	Battery Cable Assy, 36"
11	75080062	1	Wire Clip
12	75086217	1	Hex Bolt, 5/16"-18 x 1-1/4" lg.
13	75089853	2	Fuse, 5 Amp
14	75085003	2	Hex Nut, 5/16"-18, Serrated
15	10099500	1	Terminal Strip
16	31491501	2	Wire, Key Switch Control
17	75088081	4	Lock Washer, 3/8"
18	75086055	5	Hex Bolt, 3/8"-16 x ¾", Grade 5
19	85803921	1	Relay
20	75089832	1	Toggle Switch
21	31491601	1	Motor Wiring Harness
22	75086707	5	Screw, #10-32 x 5/8" lg.
23	75085000	5	Hex nut, #10-32, Serrated
24	31791000	1	Liftgate Wiring Harness
	31494601	1	Trailer Extension Harness (Trailer Kits only)
25	7043002-1 ^A	1	Motor
26	75089833 ^A	1	Starter Solenoid
27	75089834 ^A	1	Bus Bar
28	10099403 ^A	1	Controller
29	70401501	1	Reservoir
30	70402280	1	Hydraulic Pump Unit – Dual Pump
31	70092503	4	Solenoid Valve, 2 way, 2 Pos w/ Coil
32	70092501	2	Solenoid Valve, 3 way, 2 Pos w/ Coil
33	85803975	1	Auxiliary Push Button Control
34	85803946	1	Auxiliary Control Extension Harness (Trailer Kits Only)
35	31492201	2	Wire, Control

ITEM	PART NUMBER	QTY	DESCRIPTION
36	75085020	1	Hex jam nut, 5/16"-24
37	70402303	6	Coil, 10V, 25W

PUMP AND ENCLOSURE ASSEMBLIES COMPLETE	
PART NUMBER	DESCRIPTION
31798504	Dual Pump and 21" Enclosure Complete

^A Included in Motor/Solenoid Assembly 70400858

DUAL PUMP HYDRAULIC & ELECTRICAL LYOUT
(Built 8-06 thru 6-08)



WALTCO LIFT CORP.
WDLUS SERIES

REVISED: 8-1-09
E.O. 6251
REV. 02

PM-696B

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31590102	1	Hydraulic Enclosure Assy
2	75089309	1	Grommet, Control Harness/Return Line
3	75083337	1	45° Bulkhead Union, 11/16-16 ORS Male
4	75082877	1	Elbow, 90°, ¼" NPT x ¼" Compression
5	75082874	1	Brass Insert (For Compression Adapter)
6	75082873	1	Delrin Sleeve (For Compression Adapter)
7	75089572	1	Plastic Plug, 1-3/8" Hole
8	75083604	2	Hose Assy, 3/8" ID x 18-1/2" x 11/16"-16 Female
9	31590902	1	Hydraulic Enclosure Cover
10	10195536	1	Battery Cable Assy, 36"
11	75080062	1	Wire Clip
12	75086217	1	Hex Bolt, 5/16"-18 x 1-1/4" lg.
13	75089853	2	Fuse, 5 Amp
14	75085003	2	Hex Nut, 5/16"-18, Serrated
15	10099500	1	Terminal Strip
16	31491501	2	Wire, w/Fuse Holder
17	75088081	4	Lock Washer, 3/8"
18	75086055	5	Hex Bolt, 3/8"-16 x ¾", Grade 5
19	85803921	2	Relay
20	75089832	1	Toggle Switch
21	31491601	1	Motor Wiring Harness
22	75086707	5	Screw, #10-32 x 5/8" lg.
23	75085000	5	Hex nut, #10-32, Serrated
24	31791002	1	Liftgate Wiring Harness
	31494601		Long Trailer Extension Harness
	31494602		Short Trailer Extension Harness
25	7043002-1 ^A	2	Motor
26	75089833 ^A	2	Starter Solenoid
27	75089834 ^A	2	Bus Bar
28	10099403 ^A	2	Controller
29	70401501	1	Reservoir
30	70402280	1	Hydraulic Pump Unit – Dual Pump
31	70092503	4	Solenoid Valve, 2 way, 2 Pos w/ Coil
32	70092501	2	Solenoid Valve, 3 way, 2 Pos w/ Coil
33	85803975	1	Auxiliary Push Button Control
34	85803946	1	Auxiliary Control Extension Harness (Trailer Kits Only)
35	31492201	2	Wire, Control

ITEM	PART NUMBER	QTY	DESCRIPTION
36	75085020	1	Hex Jam Nut, 5/16"-24
37	70161000	1	Flow Divider Valve
38	75083332	1	Connector, 3/4"-16 SAE x 11/16"-16 ORS
39	75086036	4	Hex Bolt, 5/16"-18 x 1"
40	75085003	4	Hex Nut, 5/16"-18, Serrated
41	75083330	2	45° Elbow, 9/16"-18 SAE x 11/16"-16 ORS
42	75083331	2	45° Elbow, 3/4"-16 SAE x 11/16"-16 ORS
43	75089313	1	Grommet, Battery Cable
44	70402303	6	Coil, 10V, 25W

^A Included in Motor/Solenoid Assembly 70400858

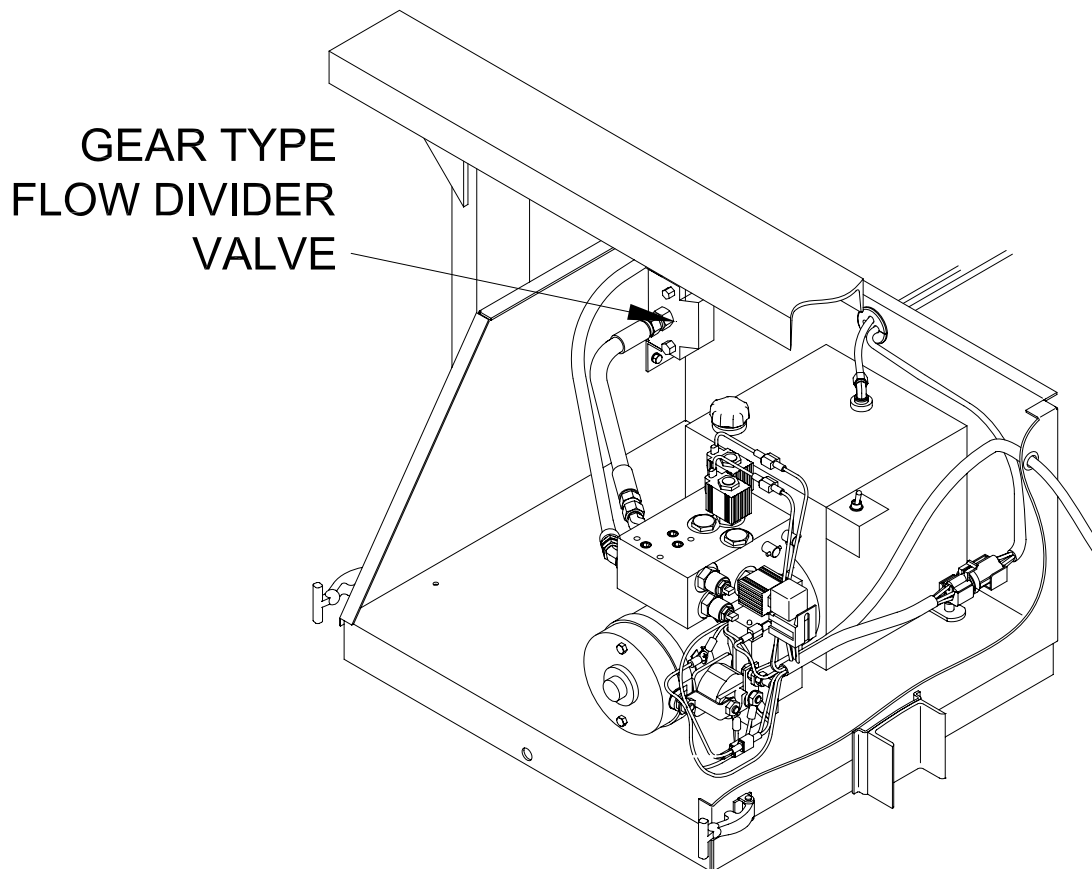
PUMP AND ENCLOSURE ASSEMBLIES COMPLETE	
PART NUMBER	DESCRIPTION
31798505	Dual Pump and Enclosure Complete

WDL U1 HYDRAULICS & CONTROLS

(Built from 2-07 thru 10-07)

Common Features

- Power up/Gravity down (standard)
- Power up/Power down (Special – contact Engineering for assistance)
- Cylinder closing
- All Hydraulic Fittings are ORFS (O-ring)
- Pump Enclosure mounted Gear type Flow Divider Valve
- Tail Lights mounted in liftgate Columns
- Push Button Controls on Curb Side



Liftgate Hydraulic and Electrical Layout

PM-714 (Built 2-07 thru 10-07)

Single Pump and Single Pump w/ Hand Pump Hydraulic and Electrical Layout

PM-711 (Built 2-07 thru 10-07)

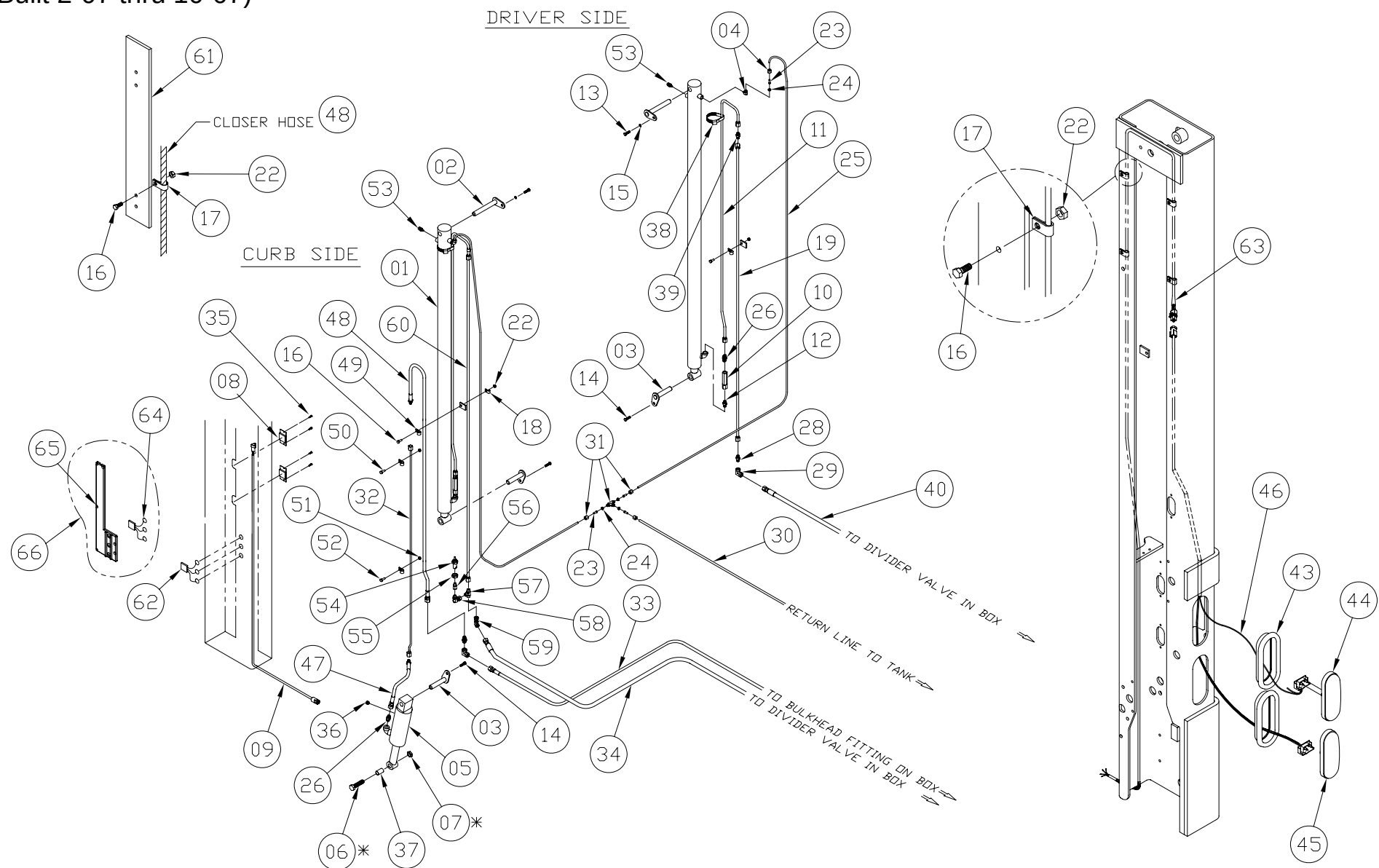
Dual Pump Hydraulic and Electrical Layout

PM-712 (Built 2-07 thru 10-07)

Rev. 01 8/10

[Click here for list of liftgate serial numbers, organized by approximate ship dates.](#)

LIFTGATE HYDRAULIC & ELECTRICAL LAYOUT
(Built 2-07 thru 10-07)



WALTCO LIFT CORP.
WDL U1 SERIES

REVISED: 8-1-09
E.O. 6251
REV. 05

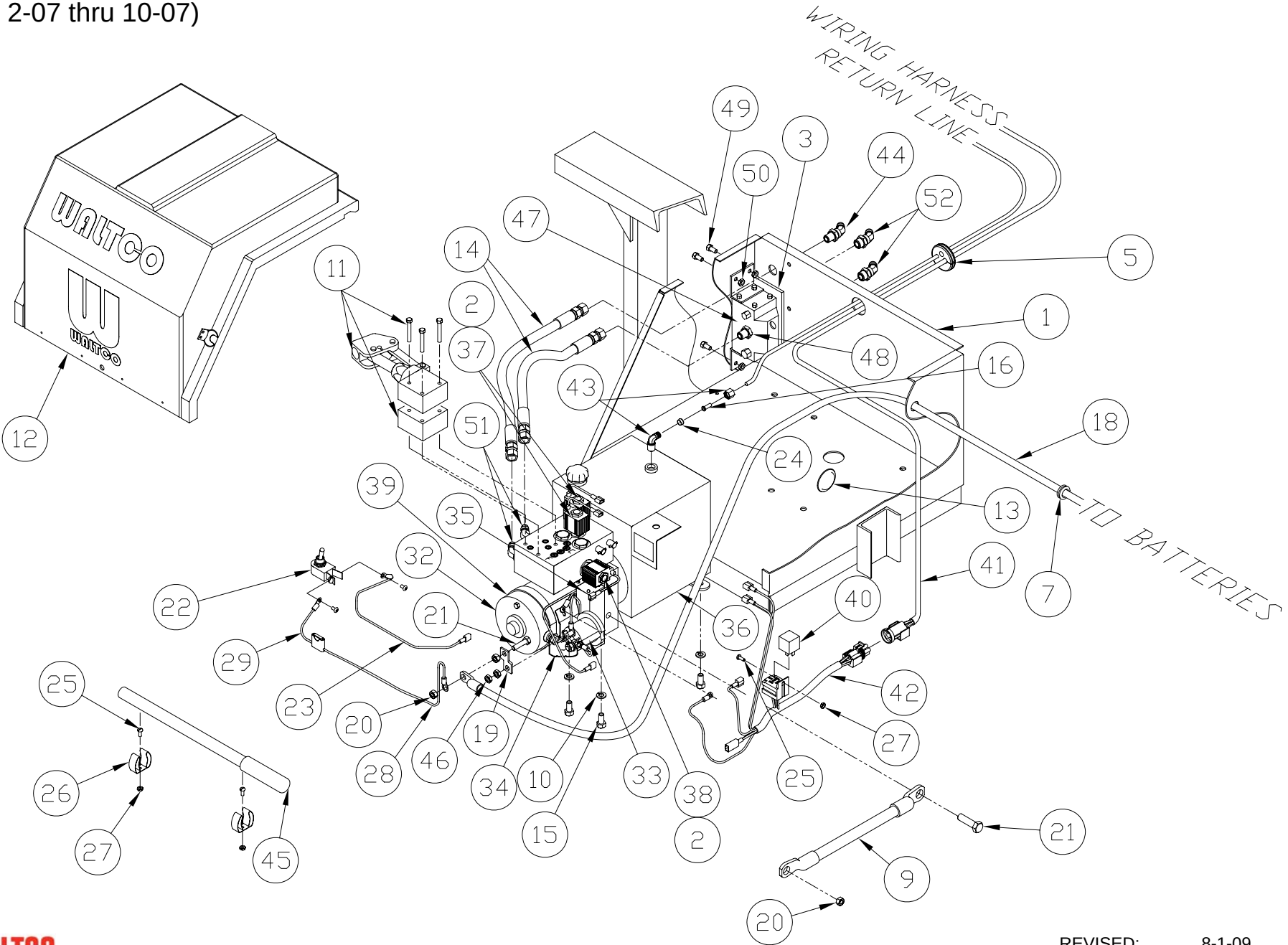
PM-714

ITEM	PART NUMBER	QTY	DESCRIPTION
01	31780050	2	Lift Cylinder
02	31470501	2	Upper Lift Cylinder Pin
03	31471501	3	Lower Lift Cylinder Pin
04	75082877	2	¼" NPT x ¼" Compression 90° Elbow
05	32480012	1	Closer Cylinder
06	75086236	1	Lower Closer Cyl Bolt (Special GR8)
07	75085183	1	5/8"-18 Lock Nut (Grade 8)
08	10099360	4	Switch W/ decal applied
09	3180092	1	Control Wiring Harness
10	85803806	2	Compensated Flow Control Valve
11	31793011	2	Fluid Line Assembly
12	75082614	2	¼" NPT x ¼" BPT Male Pipe Nipple
13	75086055	2	3/8"-16 x ¾" Hex Head Screw
14	75086846	3	3/8"-16 x ¾" Hex Thread Rolling Screw
15	75088081	2	3/8" Lock Washer
16	75086062	6	¼"-20 x ¾" Lg. Hex Bolt (Grade 5)
17	75082881	8	Hose Clamp Insulated 3/8" I.D.
18	75082879	4	Hose Clamp Insulated ¼" I.D.
19	31793022	1	Fluid Line Assembly
22	75085161	6	¼"-20 Hex Locknut
23	75082874	5	Brass Insert (For Compression Fittings)
24	75082873	5	Brass Insert (For Compression Fittings)
25	31493101	2	¼" O.D. x 192" Lg. Nylon Tubing
26	75083335	3	Male Adapter, 11/16"-16 ORS x ¼" NPT
28	75083333	2	Bulkhead Union, 11/16"-16 ORS
29	75083334	2	90° Elbow Swivel, 11/16"-16 ORS
30	82021039	1	¼" O.D. x 14 ft. Nylon Tubing (for Trucks)
	82021039		¼" O.D. x 31 ft. Nylon Tubing (for Trailers)
31	75082876	1	¼" Compression Tee
32	31793028	1	Hard line for closer hose
33	75083605	1	11/16"-16 ORS Female x ¼" I.D. x 76" Lg. Hose Assembly (Truck Kit Only)
	75083601		11/16"-16 ORS Female x ¼" I.D. x 372" Lg. Hose Assembly (Long Trailer Kit Only)
34	75083602	1	11/16"-16 ORS Female x 3/8" I.D. x 76" Lg. Hose Assembly (Truck Kit Only)
	75083600	1	11/16"-16 ORS Female x 3/8" I.D. x 372" Lg. Hose Assembly (Long Trailer Kit Only)
35	75085997	8	10-24 x 5/8" Lg. Flat Socket Head Screw

ITEM	PART NUMBER	QTY	DESCRIPTION
36	75089315	1	Breather
37	32481712	1	¾" O.D. x 5/8" I.D. x 1-1/4" Lg. Bearing
38	75089299	3	Cable Tie
39	75083338	2	Union, 11/16"-16 ORS
40	75083603	1	11/16"-16 ORS Female x 3/8" I.D. x 153" Lg. Hose Assembly (Truck Kit Only)
	75083600		11/16"-16 ORS Female x 3/8" I.D. x 372" Lg. Hose Assembly (Long Trailer Kit Only)
43	75089376	4	Light Grommet
44	75089374	2	Back Up Light (Truck)
	75089428		Stop / Turn / Tail L.E.D. Light (Trailer)
45	75089428	2	Stop / Turn / Tail L.E.D. Light (Trailer)
	75089428		Stop / Turn / Tail L.E.D. Light (Trailer)
46	3180141	2	Light Harness
47	31793030	1	Short Closer Hose 14"
48	80001119	1	Long Closer Hose 91-1/4", KIT.
49	75083047	1	Hose Clamp Insulated 3/4" I.D.
50	75086702	1	¼"-20 x 5/8" Lg. Pan Head Screw
51	75085001	2	¼"-20 Serrated Hex Nut
52	75086000	1	¼"-20 x 5/8" Lg. Flat Head Socket Screw
53	31793601	2	3/8-24 UNF Bleeder Valve
54	3180163	1	Cylinder, Latch
55	75085114	1	Jam Nut, 3/4-16
56	3180160	1	Adapter Fitting
57	75083349	1	Tee Fitting, 11/16 ORS
58	75083343	1	90° Elbow Fitting, 9/16 SAE x 11/16 ORS
59	75083341	1	45° Elbow Fitting, 11/16 ORS
60	3180159	1	Fluid Line Assembly
61	3180072	1	Closer Hose Guide Bar
62	3180099	1	Switch Assembly
63	3180142	2	Light Harness Extension
64	90622207 ^A	1	Switch Button Assy Complete
65	99533051 ^A	1	Switch Mounting Bracket
66	99533050 ^B	1	Switch Kit

- NOTES:**
- A. Components included in 99533050 Switch Kit.
 - B. This kit upgrades/replaces original switches (Item 62). See PM-713 for more information.

SINGLE PUMP & SINGLE PUMP w/ HAND PUMP HYDRAULIC & ELECTRICAL LAYOUT
(Built 2-07 thru 10-07)



WALTCO LIFT CORP.
WDLU1 SERIES

REVISED: 8-1-09
E.O. 6251
REV. 02

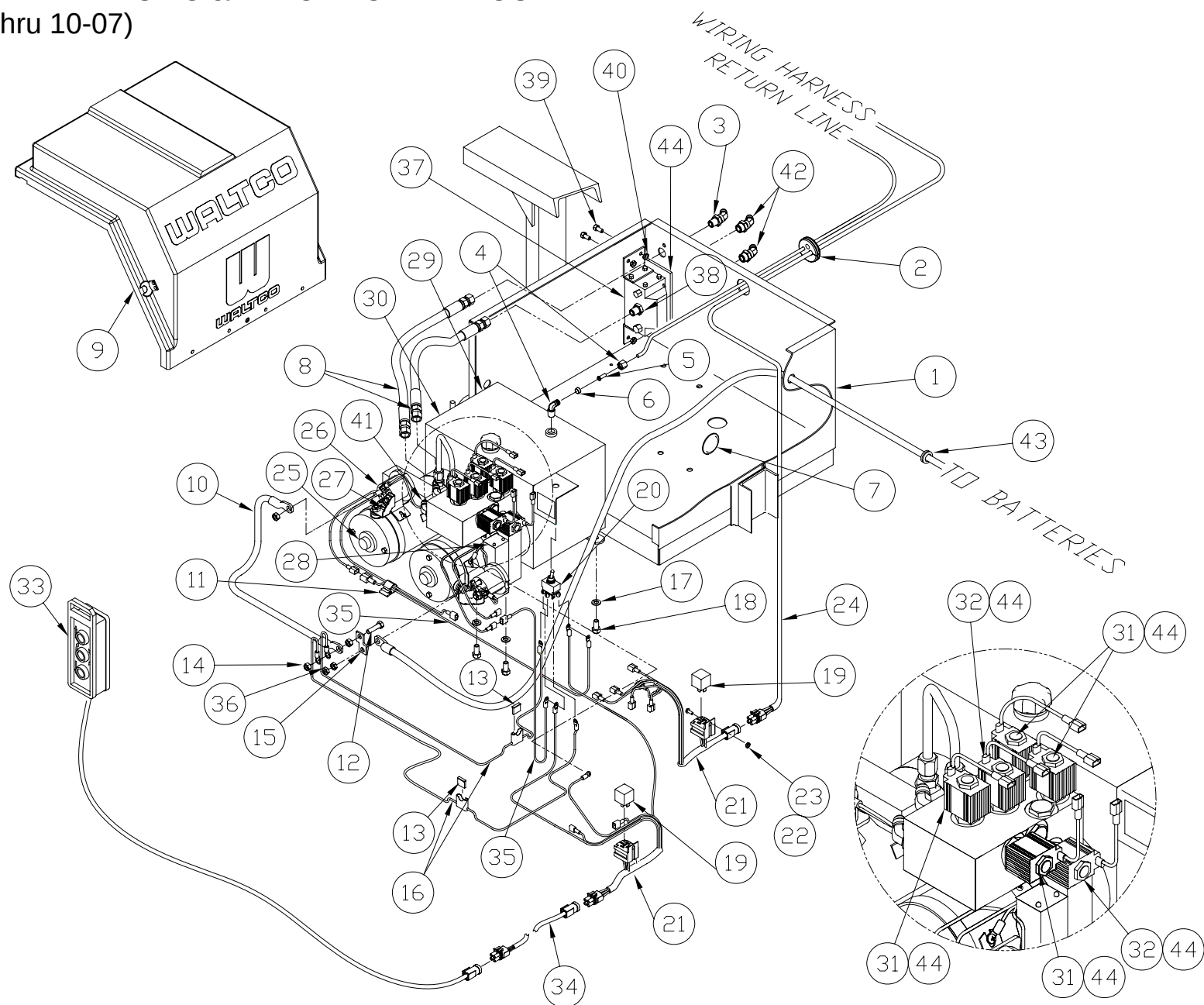
PM-711

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31590102	1	Hydraulic Enclosure, Base
2	70402303	3	Coil, 10V, 25W
3	31790900	1	Gasket
5	75089309	1	Grommet, Control Harness/Return Line
7	75089313	1	Grommet, Battery Cable
9	10195518	1	Ground Cable, 2 Ga. X 18" Lg.
10	75088081	4	Lock Washer, 3/8"
11	80001121	1	Hand Pump Kit (Optional)
12	31590902	1	Hydraulic Enclosure Cover
13	75089572	1	Plastic Plug, 1-3/8" Hole
14	75083604	2	Hose Assy, 3/8" ID x 18-1/2" x 11/16"-16 Female
15	75086055	4	Hex Bolt, 3/8"-16 x 3/4", Grade 5
16	75082874	1	Brass Insert (For Compression Adapter)
18	80000557	1	25 ft. Battery Cable Kit
	80000555		30 ft. Battery Cable Kit
	80000549		38 ft. Battery Cable Kit
19	10099500	1	Terminal Strip
20	75085003	3	Hex Nut, 5/16"-18, Serrated
21	75086217	2	Hex Bolt, 5/16"-18 x 1-1/4" lg.
22	75089807	1	Toggle switch
23	31491402	1	Wire, Switch Control
24	75082873	1	Delrin Sleeve (For Compression Adapter)
25	75086707	3	Screw, #10-32 x 5/8" lg.
26	85803482	2	Holder, Spring Clip (Hand Pump Option Only)
27	75085000	3	Hex Nut, #10-32, Serrated
28	31491501	1	Wire, Switch Control
29	75089853	1	Fuse, 5 Amp
32	7043002-1 ^A	1	Motor
33	75089833 ^A	1	Starter Solenoid
34	75089834 ^A	1	Bus Bar
35	10099403 ^A	1	Controller
36	70401501	1	Reservoir
37	70092503	2	Solenoid Valve, 2 way, 2 pos, w/ Coil
38	70092501	1	Solenoid Valve, 3 way, 2 pos, w/ Coil
39	70402085	1	Hydraulic Pump Unit – Single Pump
40	85803921	1	Relay
41	3180092	1	Liftgate Wiring Harness
	3180157		Trailer Extension Harness
42	3180093	1	Motor Wiring Harness
43	75082877	1	Elbow, 90°, 1/4" NPT x 1/4" Compression

ITEM	PART NUMBER	QTY	DESCRIPTION
44	75083337	1	45° Bulkhead Union, 11/16-16 ORS Male
45	70401651	1	Hand Pump Handle (included with Hand Pump Kit)
46	75085020	1	Hex Jam Nut, 5/16"-24
47	70161000	1	Flow Divider Valve
48	75083332	1	Connector, 3/4"-16 SAE x 11/16"-16 ORS
49	75086036	4	Hex Bolt, 5/16"-18 x 1"
50	75085003	4	Hex Nut, 5/16"-18, Serrated
51	75083330	2	45° Elbow, 9/16"-18 SAE x 11/16"-16 ORS
52	75083331	2	45° Elbow, 3/4"-16 SAE x 11/16-16 ORS
53	70401655	1	Adapter Block

^A Included in Motor/Solenoid Assembly 70400858

DUAL PUMP HYDRAULIC & ELECTRICAL LAYOUT
(Built 2-07 thru 10-07)



WALTCO LIFT CORP.
WDLU1 SERIES

REVISED: 8-1-09
E.O. 6251
REV. 02

PM-712

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31590102	1	Hydraulic Enclosure Assy
2	75089309	1	Grommet, Control Harness/Return Line
3	75083337	1	45° Bulkhead Union, 11/16-16 ORS Male
4	75082877	1	Elbow, 90°, ¼" NPT x ¼" Compression
5	75082874	1	Brass Insert (For Compression Adapter)
6	75082873	1	Delrin Sleeve (For Compression Adapter)
7	75089572	1	Plastic Plug, 1-3/8" Hole
8	75083604	2	Hose Assy, 3/8" ID x 18-1/2" x 11/16"-16 Female
9	31590902	1	Hydraulic Enclosure Cover
10	10195536	1	Battery Cable Assy, 36"
11	75080062	1	Wire Clip
12	75086217	1	Hex Bolt, 5/16"-18 x 1-1/4" lg.
13	75089853	2	Fuse, 5 Amp
14	75085003	2	Hex Nut, 5/16"-18, Serrated
15	10099500	1	Terminal Strip
16	31491501	2	Wire, w/Fuse Holder
17	75088081	4	Lock Washer, 3/8"
18	75086055	5	Hex Bolt, 3/8"-16 x ¾", Grade 5
19	85803921	2	Relay
20	75089832	1	Toggle Switch
21	3180093	2	Motor Wiring Harness
22	75086707	5	Screw, #10-32 x 5/8" lg.
23	75085000	5	Hex nut, #10-32, Serrated
24	3180092	1	Liftgate Wiring Harness
	3180157		Trailer Extension Harness
25	7043002-1 ^A	2	Motor
26	75089833 ^A	2	Starter Solenoid
27	75089834 ^A	2	Bus Bar
28	10099403 ^A	2	Controller
29	70401501	1	Reservoir
30	70402280	1	Hydraulic Pump Unit – Dual Pump
31	70092503	4	Solenoid Valve, 2 way, 2 pos, w/ Coil
32	70092501	2	Solenoid Valve, 3 way, 2 pos, w/ Coil
33	85803975	1	Auxiliary Push Button Control
34	85803946	1	Auxiliary Control Extension Harness (Trailer Kits Only)
35	31492201	2	Wire, Control
36	75085020	1	Hex Jam Nut, 5/16"-24

ITEM	PART NUMBER	QTY	DESCRIPTION
37	70161000	1	Flow Divider Valve
38	75083332	1	Connector, 3/4"-16 SAE x 11/16"-16 ORS
39	75086036	4	Hex Bolt, 5/16"-18 x 1"
40	75085003	4	Hex Nut, 5/16"-18, Serrated
41	75083330	2	45° Elbow, 9/16"-18 SAE x 11/16"-16 ORS
42	75083331	2	45° Elbow, 3/4"-16 SAE x 11/16"-16 ORS
43	75089313	1	Grommet, Battery Cable
44	70402303	6	Coil, 10V, 25W

PUMP AND ENCLOSURE ASSEMBLIES COMPLETE	
PART NUMBER	DESCRIPTION
3180985-2	Dual Pump and Enclosure Complete

^A Included in Motor/Solenoid Assembly 70400858

WDL XT HYDRAULICS & CONTROLS

(Built 10-07 thru 4-09)

Common Features • Power up/Gravity down (standard) • Power up/Power down (standard option) • Series Cylinders (Master/Slave) • Cylinder closing • Controls on Curb Side		
Hydraulic activated mechanical latch. Low pressure return lines Built 10-07 thru 6-08 See Note 1 below	Hydraulic activated mechanical latch. High pressure return lines Built 6-08 thru 1-09 See Note 1 below	Hydraulic lock valve storage. High pressure return lines Built 1-09 thru 4-09
Liftgate Hydraulic and Electrical Parts – Gravity Down PM-725	Liftgate Hydraulic and Electrical Parts – Gravity Down PM-725A	Liftgate Hydraulic and Electrical Parts – Gravity Down PM-725B
Liftgate Hydraulic and Electrical Parts – Power Down PM-741	Liftgate Hydraulic and Electrical Parts – Power Down PM-741A	Liftgate Hydraulic and Electrical Parts – Power Down PM-741B
Single Pump & Single Pump w/ Hand Pump Gravity Down Hydraulic Layout PM-726	Single Pump & Single Pump w/ Hand Pump Gravity Down Hydraulic Layout PM-726A	Single Pump & Single Pump w/ Hand Pump Gravity Down Hydraulic Layout PM-726B
Single Pump & Single Pump w/ Hand Pump Power Down Hydraulic Layout PM-727	Single Pump & Single Pump w/ Hand Pump Power Down Hydraulic Layout PM-727A	Single Pump & Single Pump w/ Hand Pump Power Down Hydraulic Layout PM-727B
Dual Pump & Dual Pump w/ Hand Pump Gravity Down Hydraulic Layout PM-728	Dual Pump & Dual Pump w/ Hand Pump Gravity Down Hydraulic Layout PM-728A	Dual Pump & Dual Pump w/ Hand Pump Gravity Down Hydraulic Layout PM-728B
Dual Pump Power Down Hydraulic Layout PM-730	Dual Pump Power Down Hydraulic Layout PM-730B	Dual Pump Power Down Hydraulic Layout PM-730C
Auxiliary Battery Enclosure PM-742	Auxiliary Battery Enclosure PM-742	Auxiliary Battery Enclosure PM-742

Rev. 01 8/10

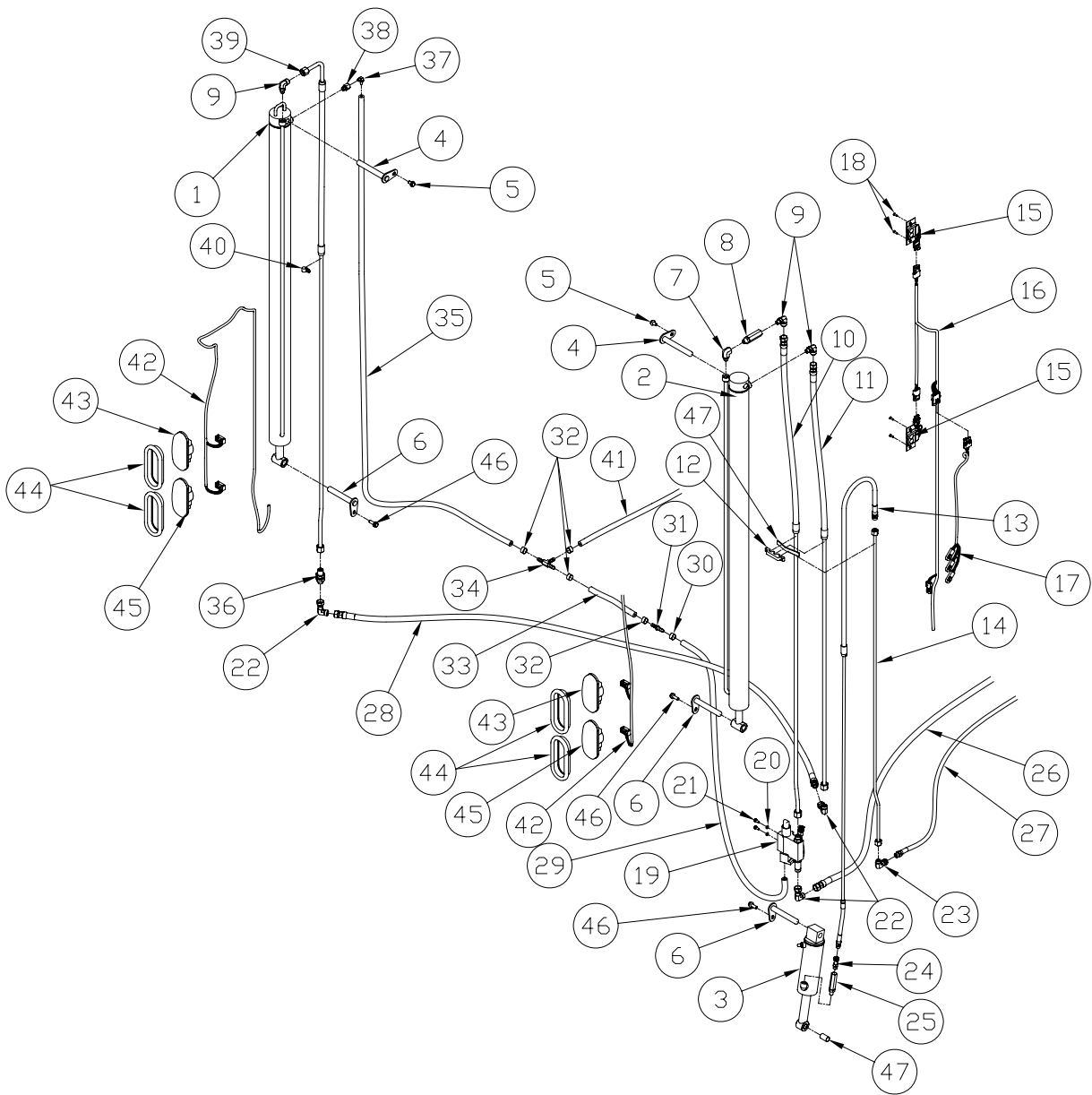
NOTES:

1. Many WDI XT's built in these time frames have been upgraded to have the high pressure return lines and the new hydraulic lock valve storage. Please contact Waltco Technical Support if you have any questions as to the correct parts for your liftgate..

[Click here for list of liftgate serial numbers, organized by approximate ship dates.](#)

LIFTGATE HYDRAULIC & ELECTRICAL LAYOUT – GRAVITY DOWN

(Built 10-07 thru 6-08)



WALTCO LIFT CORP.
WDL XT

REVISED: 8-1-09
E.O. 6251
REV. 04

PM-725

ITEM	PART NUMBER	QTY	DESCRIPTION
1	1000801-14	1	Driver Side Lift Cylinder
2	80001143	1	Curb Side Lift Cylinder
3	1000800-2	1	Closure Cylinder
4	1000101-1	2	Upper Lift Cylinder Pin
5	7500017-4	2	3/8"-16 X 5/8" Long Hex Screw
6	1000101-2	3	Lower Cylinder Pin
7	7500059-1	1	90 Degree Elbow, 9/16"-18 SAE-ORB Female X 9/16"-18 SAE-ORB Male
8	7010001-4	1	In Line Pressure Compensating Flow Valve, 9/16"-18 SAE-ORB Female X 9/16"-18 SAE-ORB Male
9	7500037-1	3	90 Degree Straight Thread Elbow, 13/16"-16 ORFS Male X 9/16"-18 SAE-ORB Male
10	3190198	1	Hardline & Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female
11	3190024	1	Hardline & Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female
12	3190226-1	1	Line Clamp
13	80001140	1	Closure Hardline & Hose Assembly, 9/16"-18 ORFS Male X 11/16"-16 ORFS Male
14	80001142	1	Hardline Assembly, 11/16"-16 ORFS Female X 11/16"-16 ORFS Female
15	10099360	2	Inside Switch
16	3190104	1	Switch Wiring Harness
17	3190111	1	3 Button Switch Assembly
18	75085997	4	10-24 x 5/8" Flat Head Screw
19	80001145 ^A	1	PTM Manifold Assembly Upgrade Kit (Truck)
	80001146 ^A		PTM Manifold Assembly Upgrade Kit (Short Trailer)
	80001147 ^A		PTM Manifold Assembly Upgrade Kit (Long Trailer)
19A	70092520 ^A	1	Cartridge Valve, 2 Way, 2 Position
19B	3190140 ^A	1	Solenoid, 12VDC, 16W, Externally Grounded
20	75088079	2	1/4" Lock Washer
21	75086030	2	1/4"-20 X 3/4" Long S.S. Hex Bolt
22	7500027-1	3	90 Degree Swivel Elbow, 13/16"-16 ORFS Female X 13/16"-16 ORFS Male
23	75083334	1	90 Degree Elbow, 11/16"-16 ORFS Female X 11/16"-16 ORFS Male
24	7500038-2	1	Straight Thread Swivel Connector, 9/16"-18 ORFS Female X 7/16"-20 SAE-ORB Male
25	7010001-5	1	In Line Pressure Compensating Flow Valve, 7/16"-20 SAE-ORB Female X 9/16"-18 SAE-ORB Male

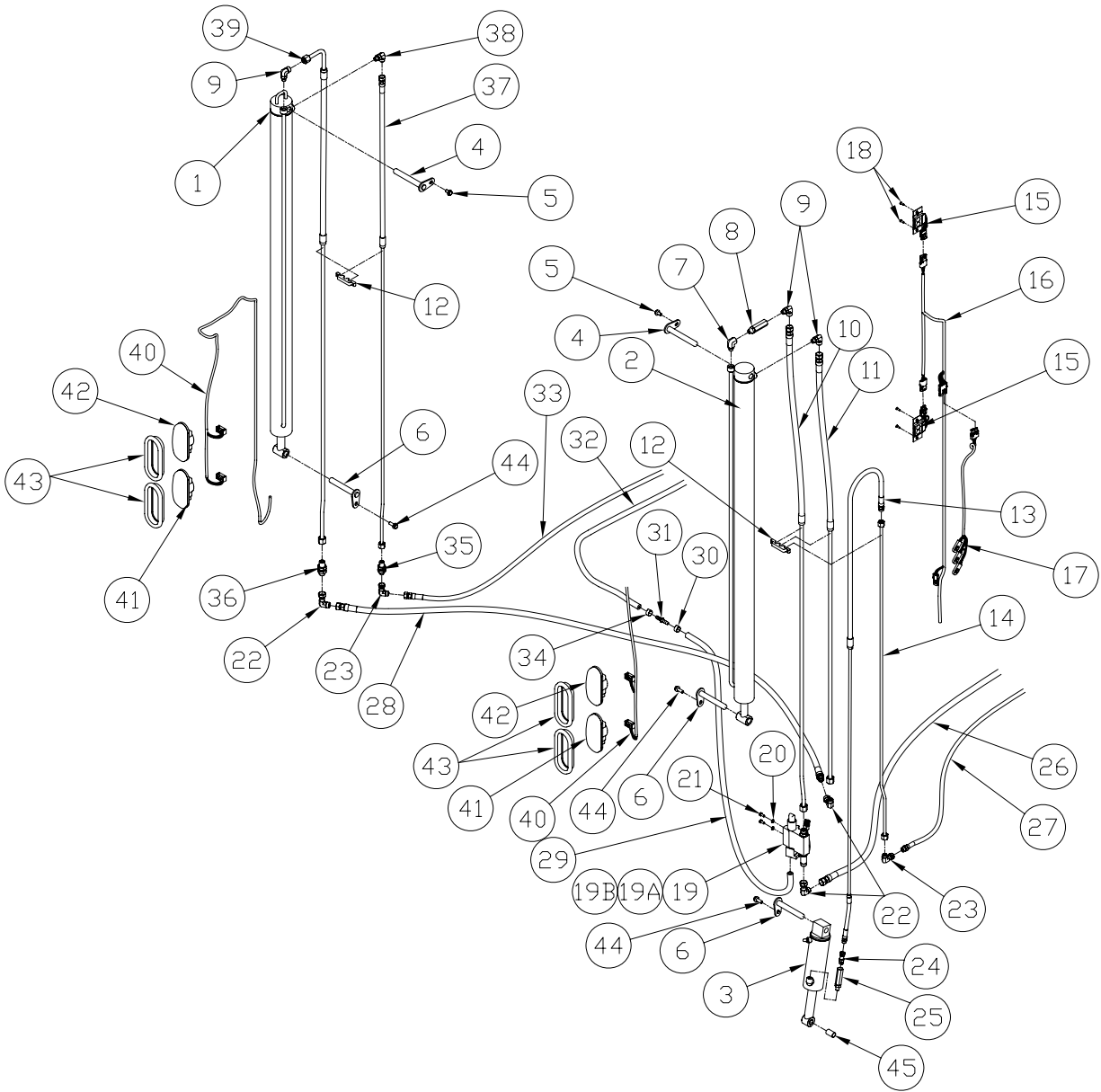
ITEM	PART NUMBER	QTY	DESCRIPTION
26	7500021-7	1	76" Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female (Truck)
	7500021-8		216" Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female (Short Trailer)
	7500021-9		372" Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female (Long Trailer)
27	7500029-5	1	76" Hose Assembly, 9/16"-18 ORFS Female X 11/16"-16 ORFS Male (Truck)
	7500029-6		216" Hose Assembly, 9/16"-18 ORFS Female X 11/16"-16 ORFS Male (Short Trailer)
	7500029-7		372" Hose Assembly, 9/16"-18 ORFS Female X 11/16"-16 ORFS Male (Long Trailer)
28	7500029-4	1	Hose Assembly, 13/16"-16 ORFS Male X 13/16"-16 ORFS Female
29	7500030-1	5 ft	1/4" ID Rubber Hose
30	7500051-1	1	1/4" ID Hose Pinch-On Clamp
31	7500070-1	1	1/4" X 3/8" ID Hose Barbed Hose Splice
32	7500051-2	4	3/8" ID Hose Pinch-On Clamp
33	7500030-2	.5 ft	3/8" ID Rubber Hose
34	7500049-2	1	3/8" ID Hose Barbed Tee
35	7500030-2	18 ft	3/8" ID Rubber Hose
36	7500033-1	1	Straight Bulkhead, 13/16"-16 ORFS Male X 13/16"-16 ORFS Male
37	7500026-3	1	90 Degree Barbed Elbow, 3/8" Hose Barb X 1/4" NPT
38	7500061-1	1	Adapter, 1/4" NPT Female X 9/16"-18 SAE-ORB Male
39	3190028	1	Hardline & Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female
40	75083044	1	1/2" Hose Clamp
41	7500030-2	7 ft	3/8" Rubber Hose (Truck)
		18 ft	3/8" Rubber Hose (Short Trailer)
		31 ft	3/8" Rubber Hose (Long Trailer)
42	3190103	2	Light Wiring Harness
43	75089428	2	(Red) Led Taillight
44	75089376	4	Light Grommet
45	75089374	2	(White) Oval Backup Light
	75089428		(Red) Led Taillight
46	7500017-3	3	3/8"-16 X 1" Long Hex Screw
47	32481712	1	Bushing, Closer Cylinder

NOTES:

A. This valve and some other components are no longer available. See [PM-725B](#) and contact the Waltco Parts Department for further assistance.

LIFTGATE HYDRAULIC & ELECTRIC LAYOUT – POWER DOWN

(Built 10-07 thru 6-08)



WALTCO LIFT CORP.
WDL XT

REVISED: 8-1-09
E.O. 6251
REV. 04

PM-741

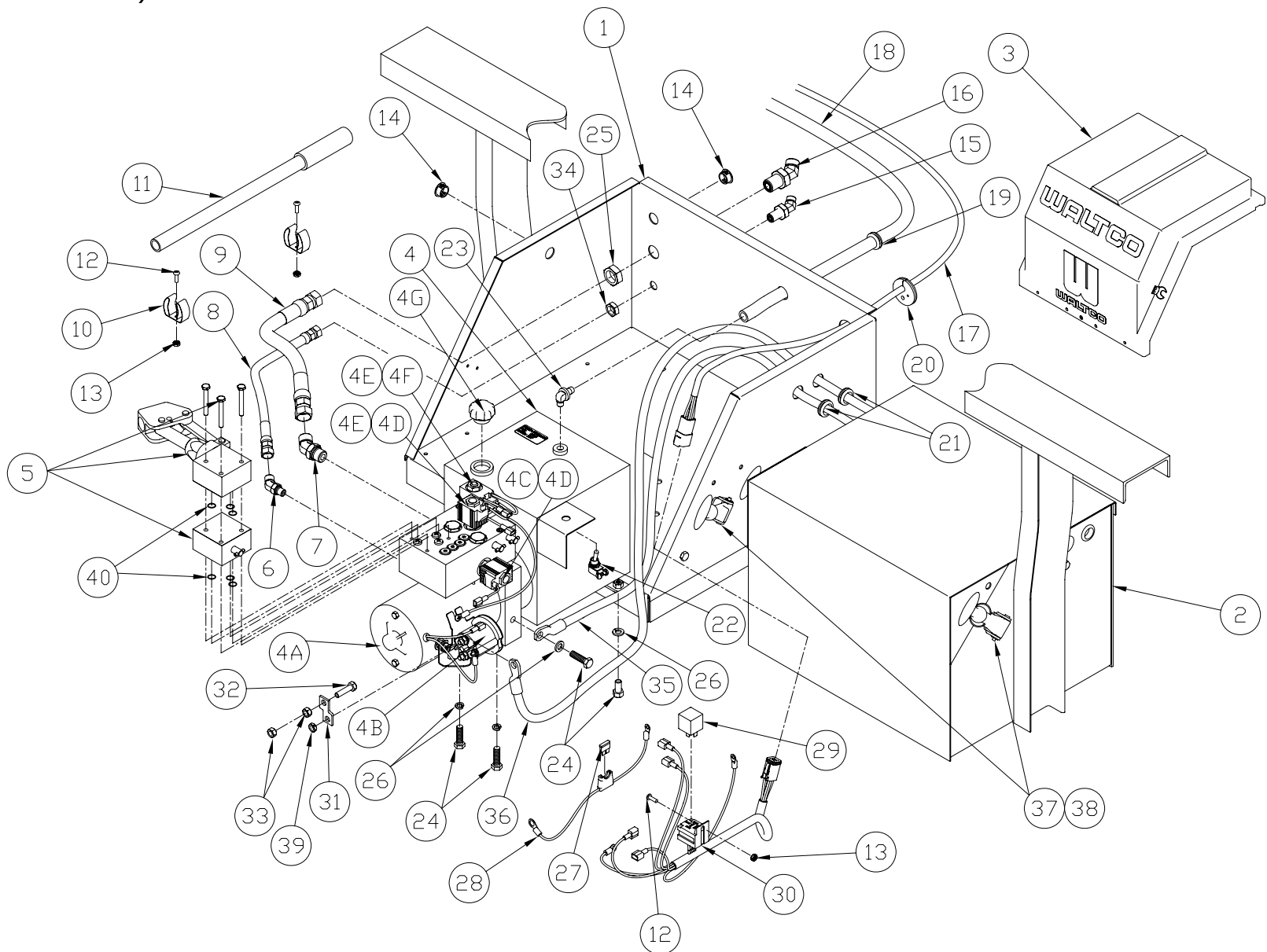
ITEM	PART NUMBER	QTY	DESCRIPTION
1	1000801-14	1	Driver Side Lift Cylinder
2	80001143	1	Curb Side Lift Cylinder
3	1000800-2	1	Closer Cylinder
4	1000101-1	2	Upper Lift Cylinder Pin
5	7500017-4	2	3/8"-16 X 5/8" Long Hex Screw
6	1000101-2	3	Lower Cylinder Pin
7	7500059-1	1	90 Degree Elbow, 9/16"-18 SAE-ORB Female X 9/16"-18 SAE-ORB Male
8	7010001-4	1	In Line Pressure Compensating Flow Valve, 9/16"-18 SAE-ORB Female X 9/16"-18 SAE-ORB Male
9	7500037-1	3	90 Degree Straight Thread Elbow, 13/16"-16 ORFS Male X 9/16"-18 SAE-ORB Male
10	3190198	1	Hardline & Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female
11	3190024	1	Hardline & Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female
12	3190226-1	2	Line Clamp
13	80001140	1	Closure Hardline & Hose Assembly, 11/16"-16 ORFS Male X 9/16"-18 ORFS Male
14	80001142	1	Hardline Assembly, 11/16"-16 ORFS Female X 11/16"-16 ORFS Female
15	10099360	2	Inside Switch
16	3190104	1	Switch Wiring Harness
17	3190111	1	3 Button Switch Assembly
18	75085997	4	10-24 x 5/8" Flat Head Screw
19	^A 80001145	1	PTM Manifold Assy Upgrade Kit (Truck)
	^A 80001146		PTM Manifold Assy Upgrade Kit (Short Trailer)
	^A 80001147		PTM Manifold Assy Upgrade Kit (Long Trailer)
19A	^A 70092520	1	Cartridge Valve, 2 Way, 2 Position
19B	^A 3190140	1	Solenoid, 12VDC, 16W, Externally Grounded
20	75088079	2	1/4" Lock Washer
21	75086030	2	1/4"-20 X 3/4" Long S.S. Hex Bolt
22	7500027-1	3	90 Degree Swivel Elbow, 13/16"-16 ORFS Female X 13/16"-16 ORFS Male
23	75083334	2	90 Degree Elbow, 11/16"-16 ORFS Female X 11/16"-16 ORFS Male
24	7500038-2	1	Straight Thread Swivel Connector, 9/16"-18 ORFS Female X 7/16"-20 SAE-ORB Male
25	7010001-5	1	In Line Pressure Compensating Flow Valve, 7/16-20 SAE-ORB Female X 9/16"-18 SAE-ORB Male
26	7500021-7	1	76" Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female (Truck)
	7500021-8		216" Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female (Short Trailer)
	7500021-9		372" Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female (Long Trailer)

ITEM	PART NUMBER	QTY	DESCRIPTION
27	7500029-5	1	76" Hose Assembly, 9/16"-18 ORFS Female X 11/16"-16 ORFS Male (Truck)
	7500029-6		216" Hose Assembly, 9/16"-18 ORFS Female X 11/16"-16 ORFS Male (Short Trailer)
	7500029-7		372" Hose Assembly, 9/16"-18 ORFS Female X 11/16"-16 ORFS Male (Long Trailer)
28	7500029-4	1	Hose Assembly, 13/16"-16 ORFS Male X 13/16"-16 ORFS Female
29	7500030-1	5ft	1/4" ID Rubber Hose
30	7500051-1	2	1/4" ID Hose Pinch-On Clamp
31	7500070-1	1	1/4" X 3/8" ID Hose Barbed Hose Splice
32	7500030-2	7 ft	3/8" Rubber Hose, Truck
		18 ft	3/8" Rubber Hose, Short Trailer
		31 ft	3/8" Rubber Hose, Long Trailer
33	75083603	1	153" Long Hose Assembly, 11/16"-16 ORFS Female X 11/16"-16 ORFS Female (Truck)
	75083607		293" Long Hose Assembly, 11/16"-16 ORFS Female X 11/16"-16 ORFS Female (Short Trailer)
	75083600		372" Long Hose Assembly, 11/16"-16 ORFS Female X 11/16"-16 ORFS Female (Long Trailer)
34	7500051-2	1	3/8" ID Hose Pinch-On Clamp
35	75083333	1	Bulkhead, 11/16"-16 ORFS Male X 11/16"-16 ORFS Male
36	7500033-1	1	Straight Bulkhead, 13/16"-16 ORFS Male X 13/16"-16 ORFS Male
37	3190144	1	Hardline & Hose Assembly, 11/16"-16 ORFS Female X 11/16"-16 ORFS Female
38	7500068-1	1	90 Degree Straight Thread Elbow, 11/16"-16 ORFS Male X 9/16"-18 SAE-ORB Male
39	3190028	1	Hardline & Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female
40	3190103	2	Light Wiring Harness
41	75089374	2	(White) Oval Backup Light
	75089428		(Red) Led Taillight
42	75089428	2	(Red) Led Taillight
43	75089376	4	Light Grommet
44	7500017-3	3	3/8"-16 X 1" Long Hex Screw
45	32481712	1	Bushing, Closer Cylinder

NOTES:

A. This valve and some other components are no longer available. See [PM-741B](#) and contact the Waltco Parts Department for further assistance.

SINGLE PUMP & SINGLE PUMP w/ HAND PUMP GRAVITY DOWN HYDRAULIC & ELECTRICAL LAYOUT
(Built 10-07 thru 6-08)



WALTCO LIFT CORP.
WDL XT

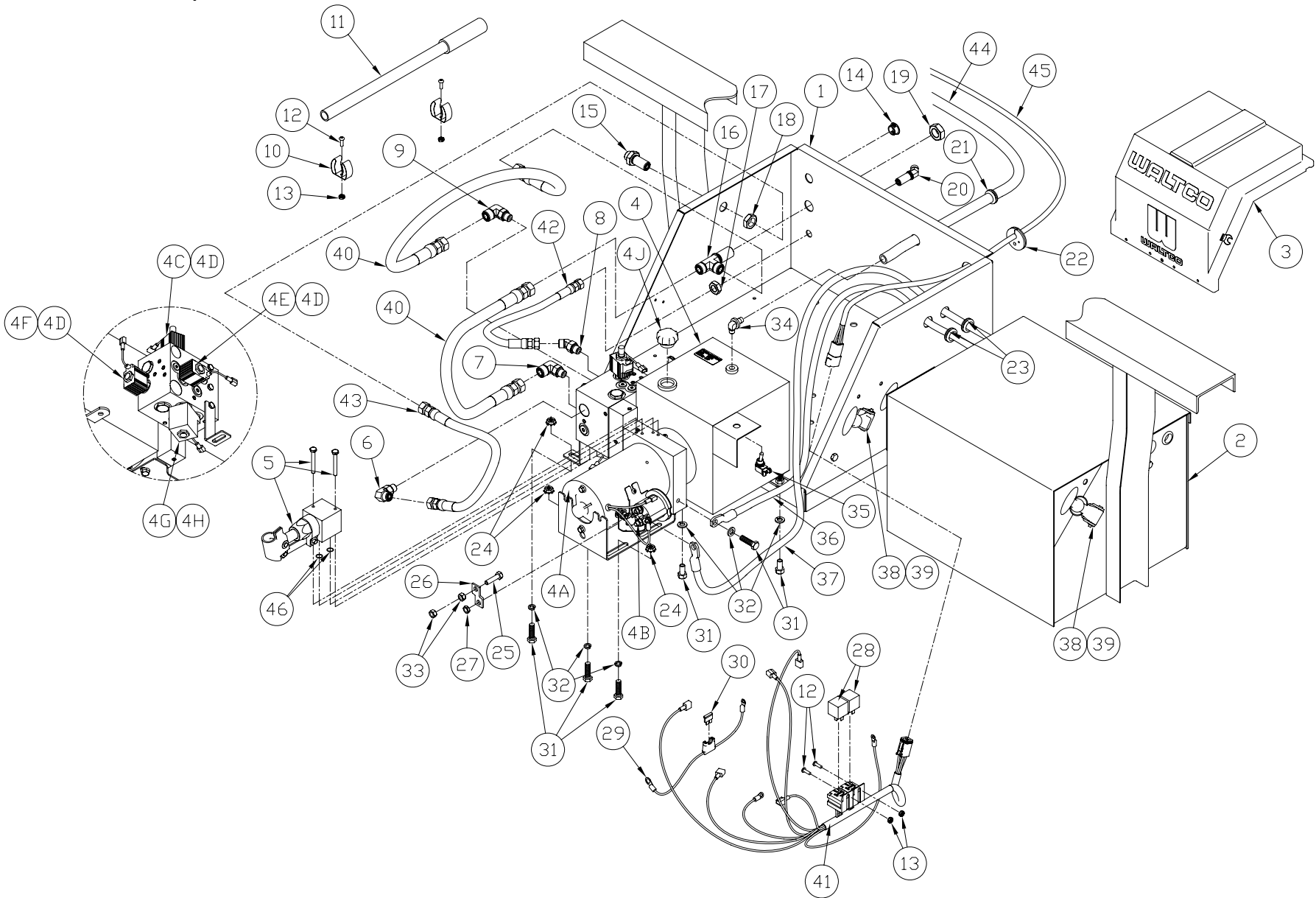
REVISED: 8-1-09
E.O. 6251
REV. 02

PM-726

ITEM	PART NUMBER	QTY	DESCRIPTION
1	3190021-2	1	Pump Box Base Assembly (Direct Power)
	3190180-1	1	Pump & Battery Box Assembly (Auxiliary Battery)
2	See PM 742	1	Battery Box Assembly
3	31590902	1	Enclosure Cover
4	70430160	1	Hydraulic Pump Unit, Single Pump
4A	70400858	1	Motor
4B	75089833	1	Start Solenoid
4C	70092501	1	Solenoid Valve, 3 way, 2 pos, w/ Coil
4D	70402303	2	Coil, 10V, 25W
4E	70092503	2	Solenoid Valve, 2 way, 2 pos, w/ Coil
4F	70402303	1	Coil, 10V, 25W
4G	70091734	1	Breather
5	80001124	1	Hand Pump Kit
6	7500025-2	1	45 Degree Straight Thread Elbow, 9/16"-18 ORFS Male X 9/16"-18 SAE-ORB Male
7	7500025-1	1	45 Degree Straight Thread Elbow, 13/16"-16 ORFS Male X 3/4"-16 SAE-ORB Male
8	7500021-3	1	18-1/2" Long Hose Assembly, 9/16"-18 ORFS Female X 9/16"-18 ORFS Female
9	7500021-1	1	18-1/2" Long Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female
10	85803482	2	Spring Clip Holder
11	70401651	1	Hand Pump Handle
12	75086707	1	#10-32 x 5/8" Long Round Head Screw
		3	#10-32 x 5/8" Long Round Head Screw (With Hand Pump)
13	75085000	1	#10-32 Serrated Hex Nut
		3	#10-32 Serrated Hex Nut (With Hand Pump)
14	75089571	2	3/4" Hole Plug
15	7500023-2	1	45 Degree Bulkhead Elbow, 9/16"-18 ORFS Male X 9/16"-18 ORFS Male
16	7500023-1	1	45 Degree Bulkhead Elbow, 13/16"-16 ORFS Male X 13/16"-16 ORFS Male
17	3190104	1	Switch Wire Harness (Truck)
	3190107		Harness Extension (Trailer)
18	7500030-2	7 ft	3/8" ID Rubber Hose (Truck)
		18 ft	3/8" ID Rubber Hose (Short Trailer)
		31 ft	3/8" ID Rubber Hose (Long Trailer)
19	7500072-1	1	Rubber Grommet, 5/8" ID
20	75089309	1	Split Grommet
21	75089313	2	Split Grommet, 1/2" ID
22	75089807	1	Toggle Switch

ITEM	PART NUMBER	QTY	DESCRIPTION
23	7500026-3	1	90 Degree Elbow, 3/8" Hose ID Barb X 1/4" NPT Male
24	75086055	5	3/8"-16 x 3/4" Long Hex Screw
25	7500024-1	1	13/16"-16 Bulkhead Locknut
26	75088081	5	3/8" Lock Washer
27	75089851	1	Fuse, 10 Amp
28	31491501	1	Wire with Fuse Holder
29	85803921	4	Relay, 12V, 30 Amp
30	3190105	1	Motor Wiring Harness
31	10099500	1	Terminal Link
32	75086217	1	5/16"-18 x 1-1/4" Long Hex Bolt
33	75085003	2	5/16"-18 Serrated Hex Nut
34	7500024-2	1	9/16"-18 Bulkhead Locknut
35	10195536	1	36" Battery Cable Assembly (Auxiliary Battery)
36	10195836	1	36" Positive Battery Cable Assembly (Auxiliary Battery)
37	75089744	2	Rubber Draw Latch (Direct Power)
		4	Rubber Draw Latch (Auxiliary Battery)
38	75089436	4	5/32" Aluminum Rivet (Direct Power)
		8	5/32" Aluminum Rivet (Auxiliary Battery)
39	75085020	1	5/16"-24 Jam Nut
40	70401310	6	O-Ring

SINGLE PUMP & SINGLE PUMP w/ HAND PUMP POWER DOWN HYDRAULIC & ELECTRICAL LAYOUT
(Built 10-07 thru 6-08)



WALTCO LIFT CORP.
WDL XT

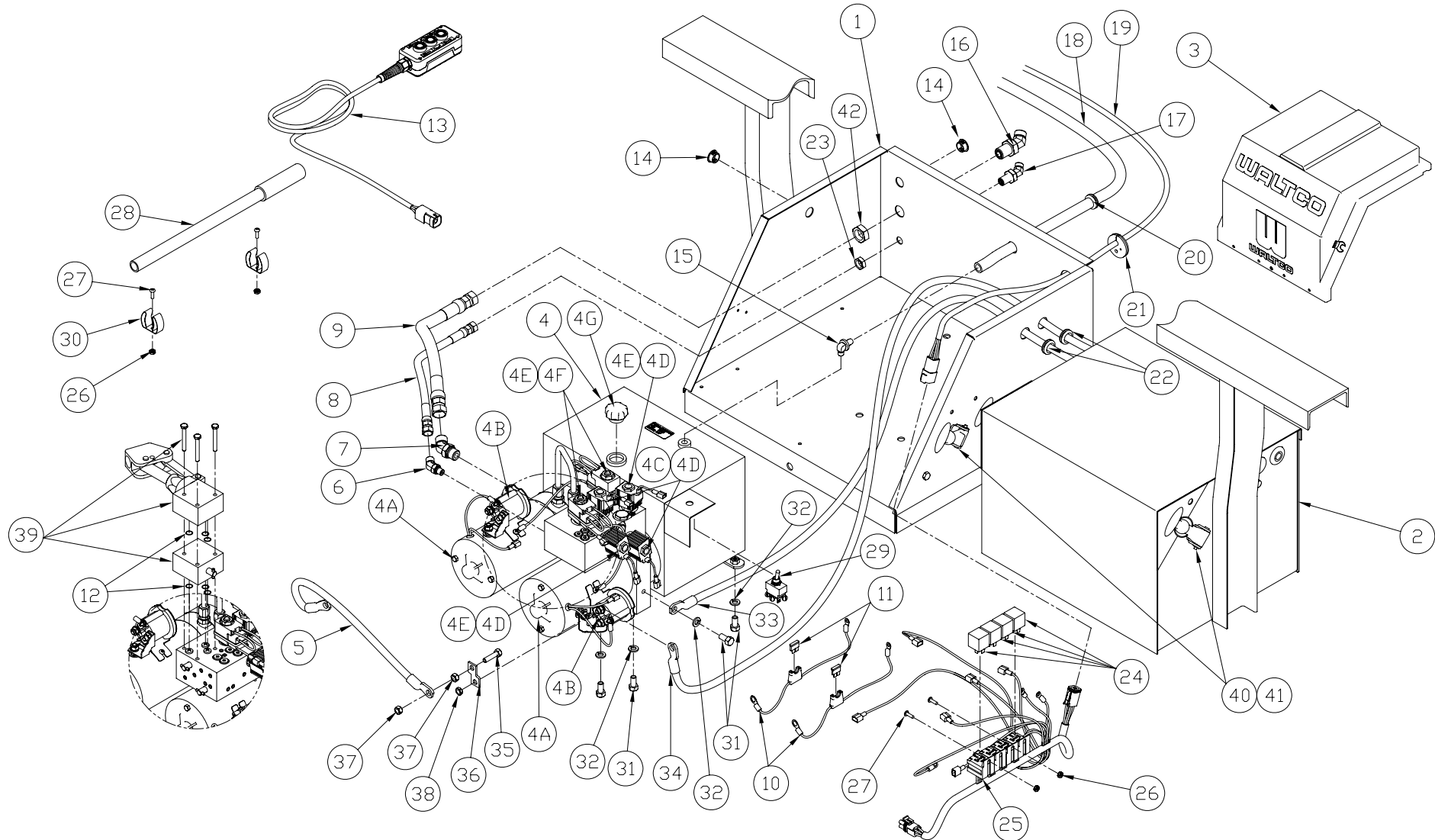
REVISED: 8-1-09
E.O. 6251
REV. 02

PM-727

ITEM	PART NUMBER	QTY	DESCRIPTION
1	3190021-2	1	Hydraulic Enclosure Base Assembly (Direct Power)
	3190180-1	1	Pump and Battery Box Assembly (Auxiliary Power)
2	See PM 742	1	Battery Box Assembly
3	31590902	1	Enclosure Cover
4	70430180	1	Hydraulic Pump Unit, Single Pump
	70430200	1	Hydraulic Pump Unit, Single Pump with Hand Pump
4A	70400858	1	Motor
4B	75089833	1	Start Solenoid
4C	70092522	1	Solenoid Valve, 3 way, 2 pos, Manual Override
4D	70402303	3	Coil, 10V, 25W
4E	70400014	1	Solenoid Valve, 4 way, 2 pos, w/ Coil
4F	70092503	1	Solenoid Valve, 2 way, 2 pos, w/ Coil
4G	70092525	1	#10 Cartridge Valve, 2 Way, 2 Position
4H	70092526	1	#10 Solenoid, 12V DC, 16W
4J	70091734	1	Breather
5	70082527	1	Hand Pump Kit, Power Down
6	7500037-3	1	90 Degree Elbow, 11-16 ORFS Male x 9/16-18 SAE ORB Male
7	7500037-1	1	90 Degree Elbow, 13/16-16 ORFS Male x 9/16-18 SAE ORB Male
8	7500025-2	1	45 Degree Elbow, 9/16-18 ORFS Male x 9/16-18 SAE ORB Male
9	7500037-4	1	90 Degree Elbow, 13/16-16 ORFS Male x 3/4-16 SAE ORB Male
10	85803482	2	Spring Clip Holder
11	70401651	1	Hand Pump Handle
12	75086707	2	#10-32 x 5/8" Long Round Head Screw
		4	#10-32 x 5/8" Long Round Head Screw (With Hand Pump)
13	75085000	2	#10-32 Serrated Hex Nut
		4	#10-32 Serrated Hex Nut (With Hand Pump)
14	75089571	1	3/4" Hole Plug
15	75083333	1	Bulkhead, 11/16-16 ORFS Male x 11/16-16 ORFS Male
16	7500036-1	1	Bulkhead Run Tee, 13/16-16 ORFS Male x 13/16-16 ORFS Male x 13/16-16 ORFS Male
17	7500024-2	1	9/16-18 Bulkhead Locknut
18	7500024-3	1	11/16-16 Bulkhead Locknut
19	7500024-1	1	13/16"-16 Bulkhead Locknut
20	7500023-2	1	45 Degree Bulkhead Elbow, 9/16"-18 ORFS Male X 9/16"-18 ORFS Male
21	7500072-1	1	Rubber Grommet, 5/8" ID
22	75089309	1	Split Grommet

ITEM	PART NUMBER	QTY	DESCRIPTION
23	75089313	2	Split Grommet, 1/2" ID
24	75085005	3	3/8-16 Serrated Hex Nut
25	75086217	1	5/16"-18 x 1-1/4" Long Hex Bolt
26	10099500	1	Terminal Link
27	75085020	1	5/16"-24 Jam Nut
28	85803921	2	Relay, 12V, 30 Amp
29	31491501	1	Wire with Fuse Holder
30	75089851	1	Fuse, 10 Amp
31	75086055	6	3/8"-16 x 3/4" Long Hex Screw
32	75088081	6	3/8" Lock Washer
33	75085003	2	5/16"-18 Serrated Hex Nut
34	7500026-3	1	90 Degree Elbow, 3/8" Hose ID Barb X 1/4" NPT Male
35	75089807	1	Toggle Switch
36	10195536	1	36" Battery Cable Assembly (Auxiliary Battery)
37	10195836	1	36" Positive Battery Cable Assembly (Auxiliary Battery)
38	75089744	2	Rubber Draw Latch (Direct Power)
		4	Rubber Draw Latch (Auxiliary Battery)
39	75089436	2	5/32" Aluminum Rivet (Direct Power)
		4	5/32" Aluminum Rivet (Auxiliary Battery)
40	7500021-1	2	18-1/2" Long Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female
41	3190108	1	Motor Wiring Harness
42	7500021-3	1	18-1/2" Long Hose Assembly, 9/16"-18 ORFS Female X 9/16"-18 ORFS Female
43	75083604	1	11/16-16 ORFS Female x 11/16-16 ORFS Female 3/8" Hose Assembly
44	7500030-2	7 ft	3/8" ID Rubber Hose (Truck)
		18 ft	3/8" ID Rubber Hose (Short Trailer)
		31 ft	3/8" ID Rubber Hose (Long Trailer)
45	3190104	1	Switch Wire Harness (Truck)
	3190107	1	Harness Extension (Trailer)
46	70401310	2	O-Ring

DUAL PUMP & DUAL PUMP WITH HAND PUMP GRAVITY DOWN HYDRAULIC & ELECTRICAL LAYOUT
(Built 10-07 thru 6-08)



WALTCO LIFT CORP.
WDL XT

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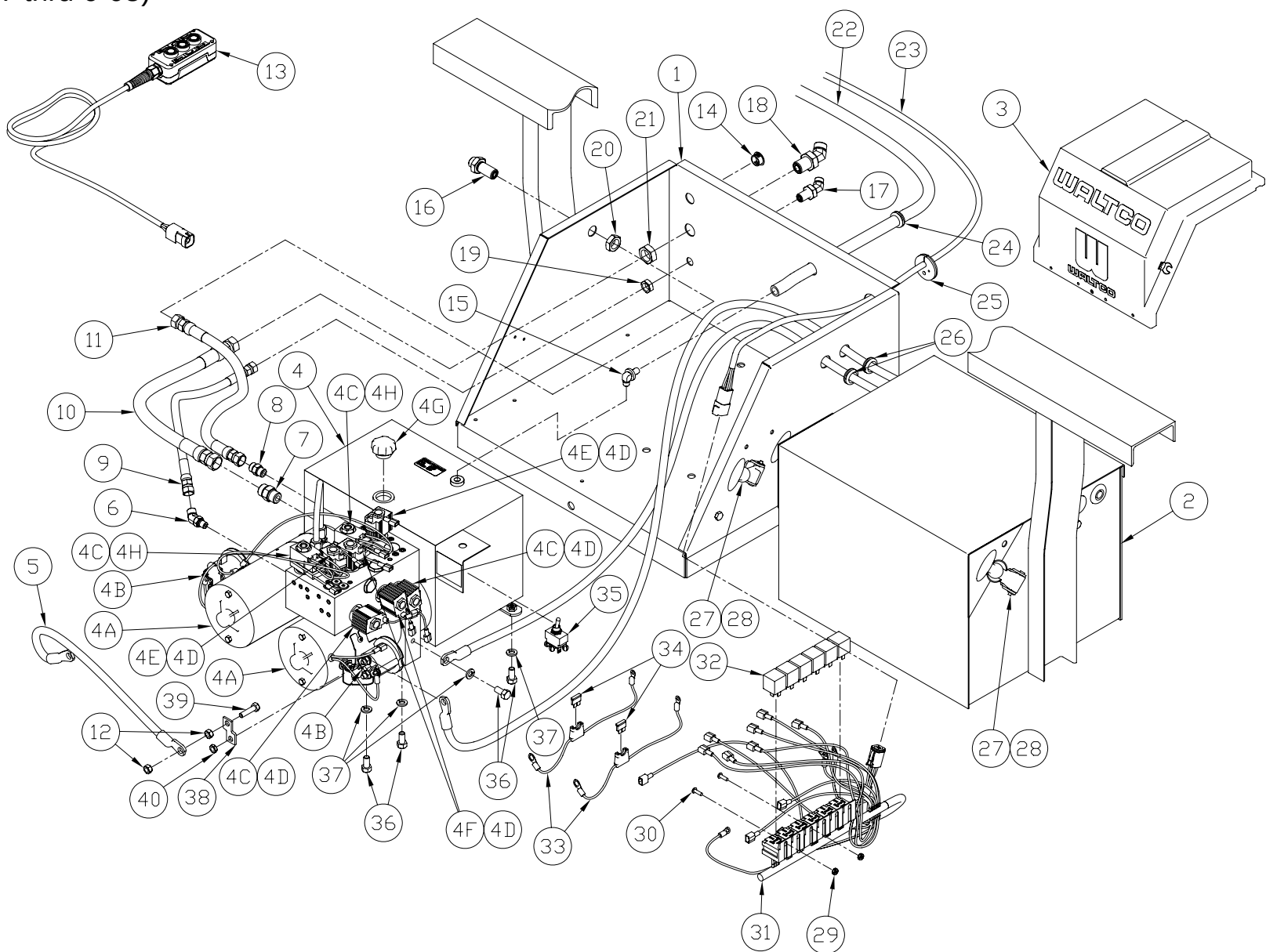
PM-728

ITEM	PART NUMBER	QTY	DESCRIPTION
1	3190021-2	1	Pump Box Base Assembly (Direct Power)
	3190180-1	1	Pump & Battery Box Assembly (Auxiliary Battery)
2	See PM 742	1	Battery Box Assembly
3	31590902	1	Enclosure Cover
4	70430170	1	Hydraulic Pump Unit, Dual Pump
	70430175		Hydraulic Pump Unit, Dual Pump with Hand Pump
4A	70400858	2	Motor
4B	75089833	2	Start Solenoid
4C	70092501	2	Solenoid Valve, 3 way, 2 pos, w/ Coil
4D	70402303	4	Coil, 10V, 25W
4E	70092503	4	Solenoid Valve, 2 way, 2 pos, w/ Coil
4F	70402303	2	Coil, 10V, 25W
4G	70091734	1	Breather
5	10195518	1	18" Battery Cable Assembly
6	7500025-2	1	45 Degree Straight Thread Elbow, 9/16"-18 ORFS Male X 9/16"-18 SAE-ORB Male
7	7500025-1	1	45 Degree Straight Thread Elbow, 13/16"-16 ORFS Male X 3/4"-16 SAE-ORB Male
8	7500021-3	1	18-1/2" Long Hose Assembly, 9/16"-18 ORFS Female X 9/16"-18 ORFS Female
9	7500021-1	1	18-1/2" Long Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female
10	31491501	2	Wire with Fuse Holder
11	75089851	1	Fuse, 10 Amp
12	70401310	6	O-Ring
13	31499001	1	Auxiliary Push Button Control
14	75089571	2	3/4" Hole Plug
15	7500026-3	1	90 Degree Elbow, 3/8" Hose ID Barb X 1/4" NPT Male
16	7500023-1	1	45 Degree Bulkhead Elbow, 13/16"-16 ORFS Male X 13/16"-16 ORFS Male
17	7500023-2	1	45 Degree Bulkhead Elbow, 9/16"-18 ORFS Male X 9/16"-18 ORFS Male
18	7500030-2	7 ft	3/8" ID Rubber Hose (Truck)
		18 ft	3/8" ID Rubber Hose (Short Trailer)
		31 ft	3/8" ID Rubber Hose (Long Trailer)
19	3190104	1	Switch Wire Harness (Truck)
	3190107		Harness Extension (Trailer)
20	7500072-1	1	Rubber Grommet, 5/8" ID
21	75089309	1	Split Grommet
22	75089313	2	Split Grommet, 1/2" ID
23	7500024-2	1	9/16"-18 Bulkhead Locknut

ITEM	PART NUMBER	QTY	DESCRIPTION
24	85803921	4	Relay, 12V, 30 Amp
25	3190106	1	Dual Pump Gravity Down Motor Wiring Harness
26	75085000	2	#10-32 Serrated Hex Nut
		4	#10-32 Serrated Hex Nut (With Hand Pump)
27	75086707	2	#10-32 x 5/8" Long Round Head Screw
		4	#10-32 x 5/8" Long Round Head Screw (With Hand Pump)
28	70401651	1	Hand Pump Handle
29	75089832	1	Selector Switch
30	85803482	2	Spring Clip Holder
31	75086055	5	3/8"-16 x 3/4" Long Hex Screw
32	75088081	5	3/8" Lock Washer
33	10195536	1	36" Battery Cable Assembly (Auxiliary Battery)
34	10195836	1	36" Positive Battery Cable Assembly (Auxiliary Battery)
35	75086217	2	5/16"-18 x 1-1/4" Long Hex Bolt
36	10099500	1	Terminal Link
37	75085003	2	5/16"-18 Serrated Hex Nut
38	75085020	1	5/16"-24 Jam Nut
39	80001124	1	Hand Pump Kit
40	75089744	2	Rubber Draw Latch (Direct Power)
		4	Rubber Draw Latch (Auxiliary Battery)
41	75089436	4	5/32" Aluminum Rivet (Direct Power)
		8	5/32" Aluminum Rivet (Auxiliary Battery)
42	7500024-1	1	13/16"-16 Bulkhead Locknut

DUAL PUMP POWER DOWN HYDRAULIC & ELECTRICAL LAYOUT

(Built 10-07 thru 6-08)



WALTCO LIFT CORP.
WDL XT

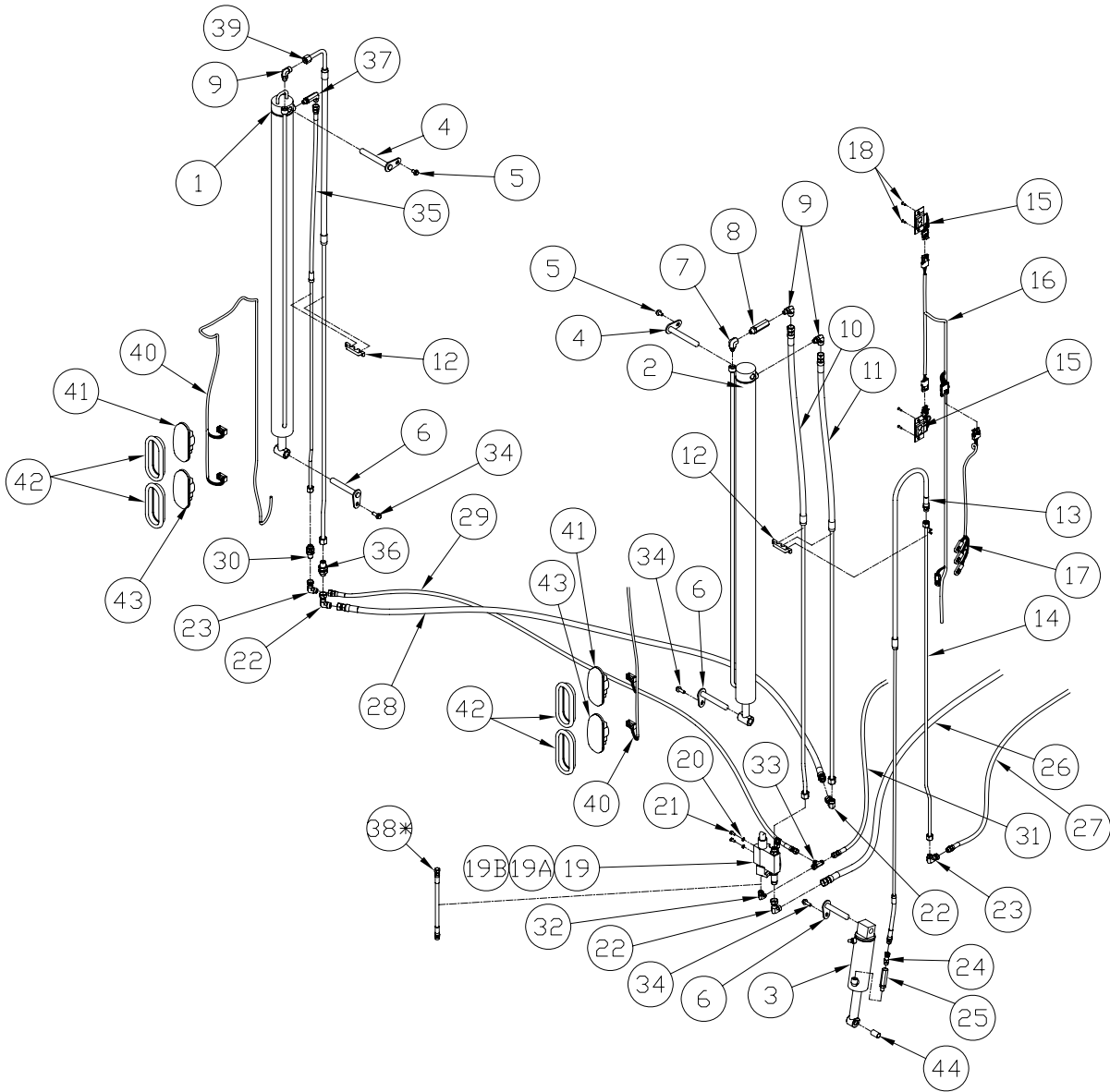
REVISED: 8-1-09
E.O. 6251
REV. 03

PM-730

ITEM	PART NUMBER	QTY	DESCRIPTION
1	3190021-2	1	Pump Box Base Assembly (Direct Power)
	3190180-1	1	Pump & Battery Box Assembly (Auxiliary Battery)
2	See PM 742	1	Battery Box Assembly
3	31590902	1	Enclosure Cover
4	70430195	1	Hydraulic Pump Unit, Dual Pump Power Down
4A	70400858	2	Motor
4B	75089833	2	Start Solenoid
4C	70092503	4	Solenoid Valve, 2 way, 2 pos, w/ Coil
4D	70402303	6	Coil, 10V, 25W
4E	70400014	2	Solenoid Valve, 4 way, 2 pos, w/ Coil
4F	70092501	2	Solenoid Valve, 3 way, 2 pos, w/ Coil
4G	70091734	1	Breather
4H	70402303	2	Coil, 10V, 25W
5	10195524	1	24" Battery Cable Assembly
6	7500025-2	1	45 Degree Elbow, 9/16-18 ORFS Male x 9/16-18 SAE ORB Male
7	7500040-1	1	Straight Thread Adapter, 13/16-16 ORFS Male x 3/4-16 SAE ORB Male
8	7500040-4	1	Straight Thread Adapter, 11/16-16 ORFS Male x 9/16-18 SAE ORB Male
9	7500021-3	1	18-1/2" Long Hose Assembly, 9/16"-18 ORFS Female X 9/16"-18 ORFS Female
10	7500021-1	1	18-1/2" Long Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female
11	75083604	1	11/16-16 ORFS Female x 11/16-16 ORFS Female 3/8" Hose Assembly
12	75085003	2	5/16"-18 Serrated Hex Nut
13	31499001	1	Auxiliary Push Button Control
14	75089571	1	3/4" Hole Plug
15	7500026-3	1	90 Degree Elbow, 3/8" Hose ID Barb X 1/4" NPT Male
16	75083333	1	Bulkhead, 11/16-16 ORFS Male x 11/16-16 ORFS Male
17	7500023-2	1	45 Degree Bulkhead Elbow, 9/16"-18 ORFS Male X 9/16"-18 ORFS Male
18	7500023-1	1	45 Degree Bulkhead Elbow, 13/16"-16 ORFS Male X 13/16"-16 ORFS Male
19	7500024-2	1	9/16"-18 Bulkhead Locknut
20	7500024-3	1	11/16"-16 Bulkhead Locknut
21	7500024-1	1	13/16"-16 Bulkhead Locknut
22	7500030-2	7 ft	3/8" ID Rubber Hose (Truck)
		18 ft	3/8" ID Rubber Hose (Short Trailer)
		31 ft	3/8" ID Rubber Hose (Long Trailer)

ITEM	PART NUMBER	QTY	DESCRIPTION
23	3190104	1	Switch Wire Harness (Truck)
	3190107	1	Harness Extension (Trailer)
24	7500072-1	1	Rubber Grommet, 5/8" ID
25	75089309	1	Split Grommet
26	75089313	2	Split Grommet, 1/2" ID
27	75089744	2	Rubber Draw Latch (Direct Power)
		4	Rubber Draw Latch (Auxiliary Battery)
28	75089436	4	5/32" Aluminum Rivet (Direct Power)
		8	5/32" Aluminum Rivet (Auxiliary Battery)
29	75085000	2	#10-32 Serrated Hex Nut
30	75086707	2	#10-32 x 5/8" Long Round Head Screw
31	3190276	1	Motor Wiring Harness
32	85803921	6	Relay, 12V, 30 Amp
33	31491501	2	Wire with Fuse Holder
34	75089851	2	Fuse, 10 Amp
35	75089832	1	Selector Switch
36	75086055	4	3/8"-16 x 3/4" Long Hex Screw
37	75088081	4	3/8" Lock Washer
38	10099500	1	Terminal Link
39	75086217	1	5/16"-18 x 1-1/4" Long Hex Bolt
40	75085020	1	5/16"-24 Jam Nut

LIFTGATE HYDRAULIC & ELECTRICAL LAYOUT – GRAVITY DOWN
(Built 6-08 thru 1-09)



WALTCO LIFT CORP.
WDL XT

REVISED: 8-1-09
E.O. 6251
REV. 02

PM-725A

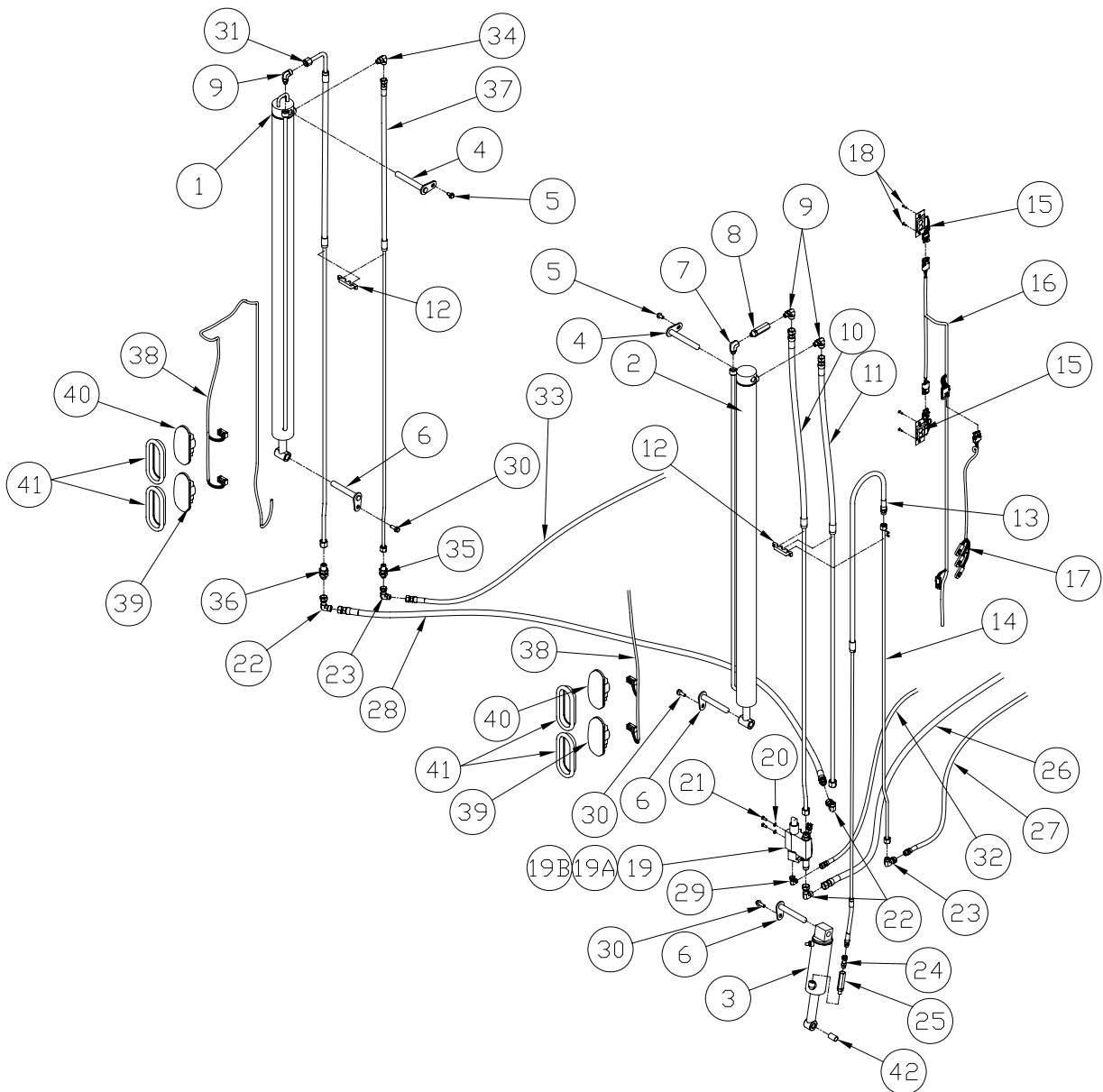
ITEM	PART NUMBER	QTY	DESCRIPTION
1	1000801-14	1	Driver Side Lift Cylinder
2	1000801-17	1	Curb Side Lift Cylinder
3	1000800-2	1	Closure Cylinder
4	1000101-1	2	Upper Lift Cylinder Pin
5	7500017-4	2	3/8"-16 X 5/8" Long Hex Screw
6	1000101-2	3	Lower Cylinder Pin
7	7500059-1	1	90 Degree Elbow, 9/16"-18 SAE-ORB Female X 9/16"-18 SAE-ORB Male
8	7010001-4	1	In Line Pressure Compensating Flow Valve, 9/16"-18 SAE-ORB Female X 9/16"-18 SAE-ORB Male
9	7500037-1	3	90 Degree Straight Thread Elbow, 13/16"-16 ORFS Male X 9/16"-18 SAE-ORB Male
10	3190198	1	Hardline & Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female
11	3190024	1	Hardline & Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female
12	3190067-1	2	Line Clamp
13	80001140	1	Closure Hardline & Hose Assembly, 9/16"-18 ORFS Male X 11/16"-16 ORFS Male
14	80001144	1	Hardline Assembly, 11/16"-16 ORFS Female X 11/16"-16 ORFS Female
15	10099360	2	Inside Switch
16	3190104	1	Switch Wiring Harness
17	3190111	1	3 Button Switch Assembly
18	75085997	4	10-24 x 5/8" Flat Head Screw
19	3190277 ^A	1	PTM Manifold Assembly
19A	70092520 ^A	1	Cartridge Valve, 2 Way, 2 Position
19B	3190140 ^A	1	Solenoid, 12VDC, 16W, Externally Grounded
20	75088079	2	1/4" Lock Washer
21	75086030	2	1/4"-20 X 3/4" Long S.S. Hex Bolt
22	7500027-1	3	90 Degree Swivel Elbow, 13/16"-16 ORFS Female X 13/16"-16 ORFS Male
23	75083334	2	90 Degree Elbow, 11/16"-16 ORFS Female X 11/16"-16 ORFS Male
24	7500038-2	1	Straight Thread Swivel Connector, 9/16"-18 ORFS Female X 7/16"-20 SAE-ORB Male
25	7010001-5	1	In Line Pressure Compensating Flow Valve, 7/16"-20 SAE-ORB Female X 9/16"-18 SAE-ORB Male
26	7500021-7	1	76" Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female (Truck)
	7500021-8		216" Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female (Short Trailer)
	7500021-9		372" Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female (Long Trailer)
27	7500029-5	1	76" Hose Assembly, 9/16"-18 ORFS Female X 11/16"-16 ORFS Male (Truck)

ITEM	PART NUMBER	QTY	DESCRIPTION
	7500029-6		216" Hose Assembly, 9/16"-18 ORFS Female X 11/16"-16 ORFS Male (Short Trailer)
	7500029-7		372" Hose Assembly, 9/16"-18 ORFS Female X 11/16"-16 ORFS Male (Long Trailer)
28	7500029-4	1	Hose Assembly, 13/16"-16 ORFS Male X 13/16"-16 ORFS Female
29	7500021-10		Hose Assembly, 11/16"-16 ORFS Female X 9/16"-18 ORFS Female
30	75083333	1	Straight Bulkhead, 11/16"-16 ORFS Male X 11/16"-16 ORFS Male
31	7500074-1	1	76" Hose Assembly, 1/4" NPT Male X 9/16"-18 ORFS Female (Truck)
	7500074-2	1	216" Hose Assembly, 1/4" NPT Male X 9/16"-18 ORFS Female (Short Trailer)
	7500074-3	1	372" Hose Assembly, 1/4" NPT Male X 9/16"-18 ORFS Female (Long Trailer)
32	7500027-2	1	90 Degree Swivel Elbow, 9/16"-18 ORFS Female X 9/16"-18 ORFS Male
33	7500073-1	1	Swivel Nut Run Tee, 9/16"-18
34	7500017-3	3	3/8"-16 X 1" Long Hex Screw
35	3190144	1	Hardline & Hose Assembly, 11/16"-16 ORFS Female X 11/16"-16 ORFS Female
36	7500033-1	1	Straight Bulkhead, 13/16"-16 ORFS Male X 13/16"-16 ORFS Male
37	7500068-1	1	90 Degree Straight Thread Elbow, 11/16"-16 ORFS Male X 9/16"-18 SAE-ORB Male
38*	7500029-8	1	12" Hose Assembly, 9/16"-18 ORFS Male X 9/16"-18 ORFS Female
39	3190028	1	Hardline & Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female
40	3190103	2	Light Wiring Harness
41	75089428	2	(Red) Led Taillight
42	75089376	4	Light Grommet
43	75089374	2	(White) Oval Backup Light
	75089428		(Red) Led Taillight
44	32481712	1	Bushing, Closer Cylinder

*Extension Hose used only on vehicles with tall rear sills

- NOTES:
- A. This valve and some other components are no longer available. See PM-725B and contact the Waltco Parts Department for further assistance.

LIFTGATE HYDRAULIC & ELECTRICAL LAYOUT – POWER DOWN
(Built 6-08 thru 1-09)



WALTCO LIFT CORP.
WDL XT

REVISED: 8-1-09
E.O. 6251
REV. 02

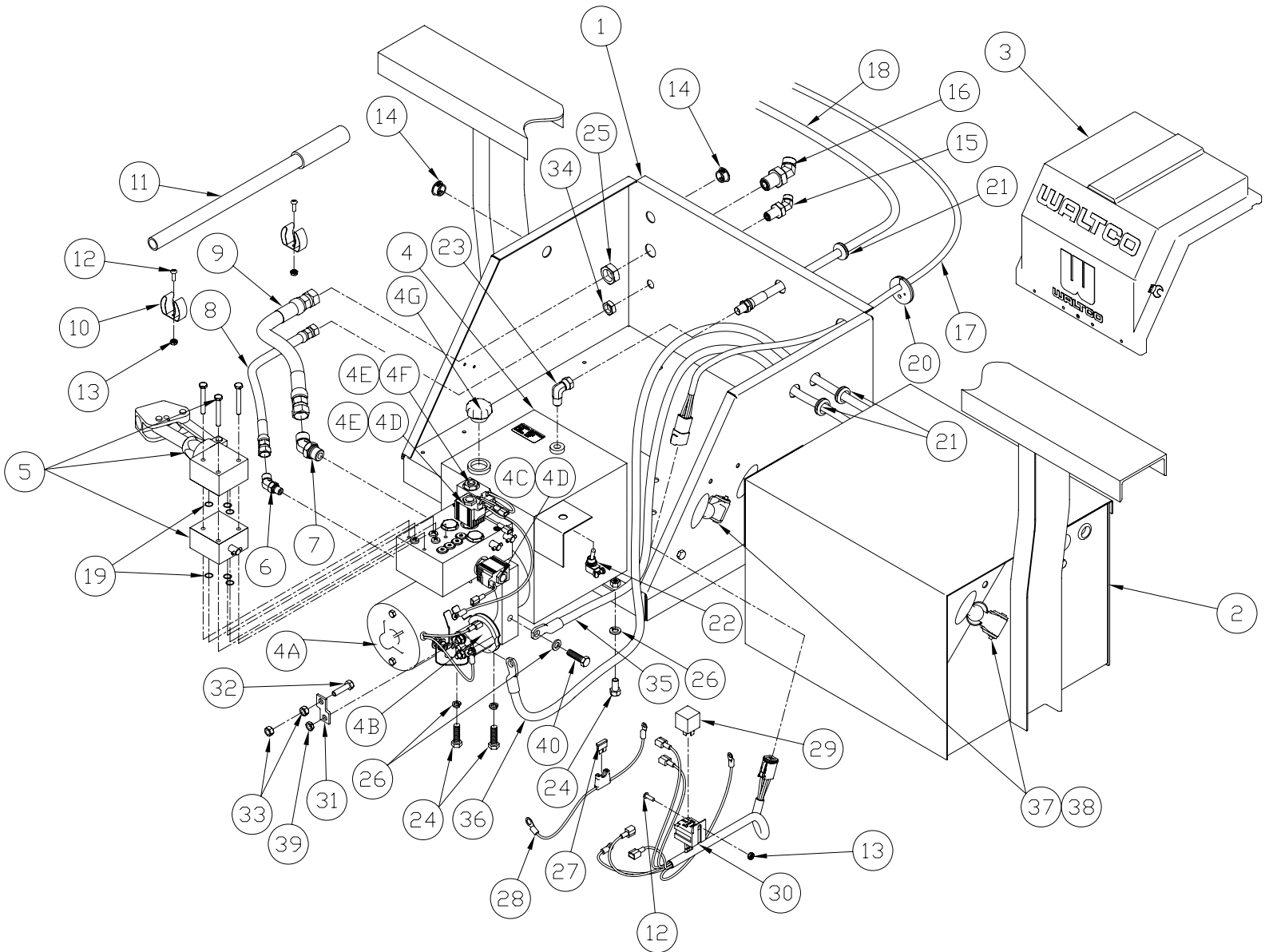
PM-741A

ITEM	PART NUMBER	QTY	DESCRIPTION
1	1000801-14	1	Driver Side Lift Cylinder
2	1000801-17	1	Curb Side Lift Cylinder
3	1000800-2	1	Closer Cylinder
4	1000101-1	2	Upper Lift Cylinder Pin
5	7500017-4	2	3/8"-16 X 5/8" Long Hex Screw
6	1000101-2	3	Lower Cylinder Pin
7	7500059-1	1	90 Degree Elbow, 9/16"-18 SAE-ORB Female X 9/16"-18 SAE-ORB Male
8	7010001-4	1	In Line Pressure Compensating Flow Valve, 9/16"-18 SAE-ORB Female X 9/16"-18 SAE-ORB Male
9	7500037-1	3	90 Degree Straight Thread Elbow, 13/16"-16 ORFS Male X 9/16"-18 SAE-ORB Male
10	3190198	1	Hardline & Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female
11	3190024	1	Hardline & Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female
12	3190067-1	2	Line Clamp
13	80001140	1	Closure Hardline & Hose Assembly, 11/16"-16 ORFS Male X 9/16"-18 ORFS Male
14	80001144	1	Hardline Assembly, 11/16"-16 ORFS Female X 11/16"-16 ORFS Female
15	10099360	2	Inside Switch
16	3190104	1	Switch Wiring Harness
17	3190111	1	3 Button Switch Assembly
18	75085997	4	10-24 x 5/8" Flat Head Screw
19	3190277 ^A	1	PTM Manifold Assembly
19A	70092520 ^A	1	Cartridge Valve, 2 Way, 2 Position
19B	3190140 ^A	1	Solenoid, 12VDC, 16W, Externally Grounded
20	75088079	2	1/4" Lock Washer
21	75086030	2	1/4"-20 X 3/4" Long S.S. Hex Bolt
22	7500027-1	3	90 Degree Swivel Elbow, 13/16"-16 ORFS Female X 13/16"-16 ORFS Male
23	75083334	2	90 Degree Elbow, 11/16"-16 ORFS Female X 11/16"-16 ORFS Male
24	7500038-2	1	Straight Thread Swivel Connector, 9/16"-18 ORFS Female X 7/16"-20 SAE-ORB Male
25	7010001-5	1	In Line Pressure Compensating Flow Valve, 7/16-20 SAE-ORB Female X 9/16"-18 SAE-ORB Male
26	7500021-7	1	76" Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female (Truck)
	7500021-8		216" Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female (Short Trailer)
	7500021-9		372" Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female (Long Trailer)

ITEM	PART NUMBER	QTY	DESCRIPTION
27	7500029-5	1	76" Hose Assembly, 9/16"-18 ORFS Female X 11/16"-16 ORFS Male (Truck)
	7500029-6		216" Hose Assembly, 9/16"-18 ORFS Female X 11/16"-16 ORFS Male (Short Trailer)
	7500029-7		372" Hose Assembly, 9/16"-18 ORFS Female X 11/16"-16 ORFS Male (Long Trailer)
28	7500029-4	1	Hose Assembly, 13/16"-16 ORFS Male X 13/16"-16 ORFS Female
29	7500027-2	1	90 Degree Swivel Elbow, 9/16"-18 ORFS Female X 9/16"-18 ORFS Male
30	7500017-3	3	3/8"-16 X 1" Long Hex Screw
31	3190028	1	Hardline & Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female
32	7500074-1	1	76" Hose Assembly, 1/4" NPT Male X 9/16"-18 ORFS Female (Truck)
	7500074-2	1	216" Hose Assembly, 1/4" NPT Male X 9/16"-18 ORFS Female (Short Trailer)
	7500074-3	1	372" Hose Assembly, 1/4" NPT Male X 9/16"-18 ORFS Female (Long Trailer)
33	75083603	1	153" Long Hose Assembly, 11/16"-16 ORFS Female X 11/16"-16 ORFS Female (Truck)
	75083607		293" Long Hose Assembly, 11/16"-16 ORFS Female X 11/16"-16 ORFS Female (Short Trailer)
	75083600		372" Long Hose Assembly, 11/16"-16 ORFS Female X 11/16"-16 ORFS Female (Long Trailer)
34	7500068-1	1	90 Degree Straight Thread Elbow, 11/16"-16 ORFS Male X 9/16"-18 SAE-ORB Male
35	75083333	1	Bulkhead, 11/16"-16 ORFS Male X 11/16"-16 ORFS Male
36	7500033-1	1	Straight Bulkhead, 13/16"-16 ORFS Male X 13/16"-16 ORFS Male
37	3190144	1	Hardline & Hose Assembly, 11/16"-16 ORFS Female X 11/16"-16 ORFS Female
38	3190103	2	Light Wiring Harness
39	75089374	2	(White) Oval Backup Light
	75089428		(Red) Led Taillight
40	75089428	2	(Red) Led Taillight
41	75089376	4	Light Grommet
42	32481712	1	Bushing, Closer Cylinder

NOTES:
A. This valve and some other components are no longer available. See PM-741B and contact the Waltco Parts Department for further assistance.

SINGLE PUMP & SINGLE PUMP w/ HAND PUMP GRAVITY DOWN HYDRAULIC & ELECTRICAL LAYOUT
(Built 6-08 thru 4-09)



WALTCO LIFT CORP.
WDL XT

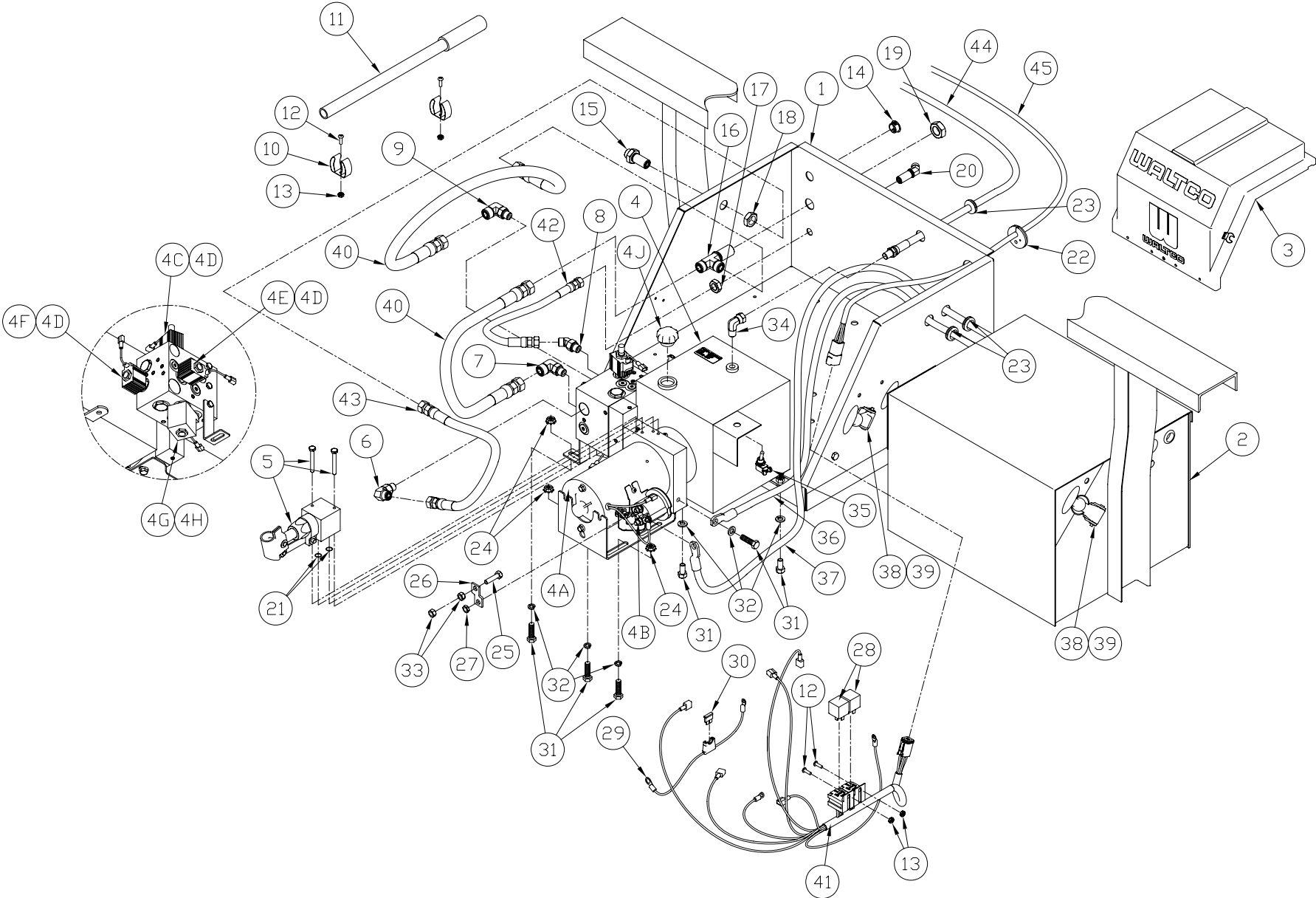
REVISED: 8-1-09
E.O. 6251
REV. 03

PM-726A

ITEM	PART NUMBER	QTY	DESCRIPTION
1	3190021-2	1	Pump Box Base Assembly (Direct Power)
	3190180-1	1	Pump & Battery Box Assembly (Auxiliary Battery)
2	See PM 742	1	Battery Box Assembly
3	31590902	1	Enclosure Cover
4	70430160	1	Hydraulic Pump Unit, Single Pump
4A	70400858	1	Motor
4B	75089833	1	Start Solenoid
4C	70092501	1	Solenoid Valve, 3 way, 2 pos, w/ Coil
4D	70402303	2	Coil, 10V, 25W
4E	70092503	2	Solenoid Valve, 2 way, 2 pos, w/ Coil
4F	70402303	1	Coil, 10V, 25W
4G	70091734	1	Breather
5	80001124	1	Hand Pump Kit
6	7500025-2	1	45 Degree Straight Thread Elbow, 9/16"-18 ORFS Male X 9/16"-18 SAE-ORB Male
7	7500025-1	1	45 Degree Straight Thread Elbow, 13/16"-16 ORFS Male X 3/4"-16 SAE-ORB Male
8	7500021-3	1	18-1/2" Long Hose Assembly, 9/16"-18 ORFS Female X 9/16"-18 ORFS Female
9	7500021-1	1	18-1/2" Long Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female
10	85803482	2	Spring Clip Holder
11	70401651	1	Hand Pump Handle
12	75086707	1	#10-32 x 5/8" Long Round Head Screw
		3	#10-32 x 5/8" Long Round Head Screw (With Hand Pump)
13	75085000	1	#10-32 Serrated Hex Nut
		3	#10-32 Serrated Hex Nut (With Hand Pump)
14	75089571	2	3/4" Hole Plug
15	7500023-2	1	45 Degree Bulkhead Elbow, 9/16"-18 ORFS Male X 9/16"-18 ORFS Male
16	7500023-1	1	45 Degree Bulkhead Elbow, 13/16"-16 ORFS Male X 13/16"-16 ORFS Male
17	3190104	1	Switch Wire Harness (Truck)
	3190107		Harness Extension (Trailer)
18	7500074-1	1	76" Hose Assembly, 1/4" NPT Male X 9/16"-18 ORFS Female (Truck)
	7500074-2	1	216" Hose Assembly, 1/4" NPT Male X 9/16"-18 ORFS Female (Short Trailer)
	7500074-3	1	372" Hose Assembly, 1/4" NPT Male X 9/16"-18 ORFS Female (Long Trailer)
19	70401310	6	O-Ring
20	75089309	1	Split Grommet

ITEM	PART NUMBER	QTY	DESCRIPTION
21	75089313	3	Split Grommet, 1/2" ID
22	75089807	1	Toggle Switch
23	75083031	1	90 Degree Elbow, 1/4" NPSM Female X 1/4" NPT Male
24	75086055	4	3/8"-16 x 3/4" Long Hex Screw
25	7500024-1	1	13/16"-16 Bulkhead Locknut
26	75088081	4	3/8" Lock Washer
27	75089851	1	Fuse, 10 Amp
28	31491501	1	Wire with Fuse Holder
29	85803921	1	Relay, 12V, 30 Amp
30	3190105	1	Motor Wiring Harness
31	10099500	1	Terminal Link
32	75086217	1	5/16"-18 x 1-1/4" Long Hex Bolt
33	75085003	2	5/16"-18 Serrated Hex Nut
34	7500024-2	1	9/16"-18 Bulkhead Locknut
35	10195536	1	36" Battery Cable Assembly (Auxiliary Battery)
36	10195836	1	36" Positive Battery Cable Assembly (Auxiliary Battery)
37	75089744	2	Rubber Draw Latch (Direct Power)
		4	Rubber Draw Latch (Auxiliary Battery)
38	75089436	4	5/32" Aluminum Rivet (Direct Power)
		8	5/32" Aluminum Rivet (Auxiliary Battery)
39	75085020	1	5/16"-24 Jam Nut
40	75086036	1	5/16-18 X 1 Long Hex Screw

SINGLE PUMP & SINGLE PUMP w/ HAND PUMP POWER DOWN HYDRAULIC & ELECTRICAL LAYOUT
(Built 6-08 thru 1-09)



WALTCO LIFT CORP.
WDL XT

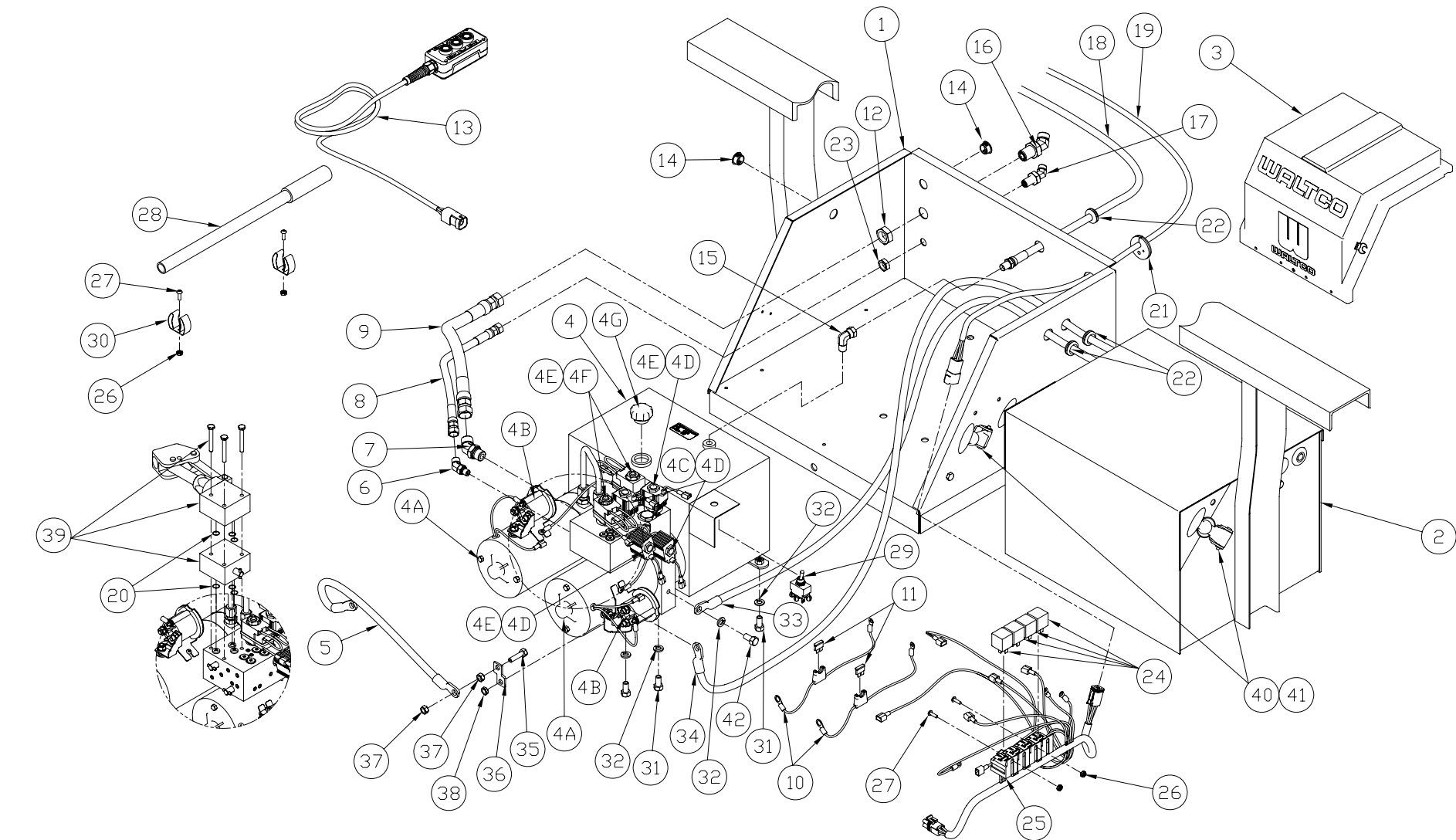
REVISED: 8-1-09
E.O. 6251
REV. 03

PM-727A

ITEM	PART NUMBER	QTY	DESCRIPTION
1	3190021-2	1	Hydraulic Enclosure Base Assembly (Direct Power)
	3190180-1	1	Pump and Battery Box Assembly (Auxiliary Power)
2	See PM 742	1	Battery Box Assembly
3	31590902	1	Enclosure Cover
4	70430180	1	Hydraulic Pump Unit, Single Pump
	70430200	1	Hydraulic Pump Unit, Single Pump with Hand Pump
4A	70400858	1	Motor
4B	75089833	1	Start Solenoid
4C	70092522	1	Solenoid Valve, 3 way, 2 pos, Manual Override
4D	70402303	3	Coil, 10V, 25W
4E	70400014	1	Solenoid Valve, 4 way, 2 pos, w/ Coil
4F	70092503	1	Solenoid Valve, 2 way, 2 pos, w/ Coil
4G	70092525	1	#10 Cartridge Valve, 2 Way, 2 Position
4H	70092526	1	#10 Solenoid, 12V DC, 16W
4J	70091734	1	Breather
5	70092527	1	Hand Pump Kit, Power Down
6	7500037-3	1	90 Degree Elbow, 11-16 ORFS Male x 9/16-18 SAE ORB Male
7	7500037-1	1	90 Degree Elbow, 13/16-16 ORFS Male x 9/16-18 SAE ORB Male
8	7500025-2	1	45 Degree Elbow, 9/16-18 ORFS Male x 9/16-18 SAE ORB Male
9	7500037-4	1	90 Degree Elbow, 13/16-16 ORFS Male x 3/4-16 SAE ORB Male
10	85803482	2	Spring Clip Holder
11	70401651	1	Hand Pump Handle
12	75086707	2	#10-32 x 5/8" Long Round Head Screw
		4	#10-32 x 5/8" Long Round Head Screw (With Hand Pump)
13	75085000	2	#10-32 Serrated Hex Nut
		4	#10-32 Serrated Hex Nut (With Hand Pump)
14	75089571	1	3/4" Hole Plug
15	75083333	1	Bulkhead, 11/16-16 ORFS Male x 11/16-16 ORFS Male
16	7500036-1	1	Bulkhead Run Tee, 13/16-16 ORFS Male x 13/16-16 ORFS Male x 13/16-16 ORFS Male
17	7500024-2	1	9/16-18 Bulkhead Locknut
18	7500024-3	1	11/16-16 Bulkhead Locknut
19	7500024-1	1	13/16"-16 Bulkhead Locknut
20	7500023-2	1	45 Degree Bulkhead Elbow, 9/16"-18 ORFS Male X 9/16"-18 ORFS Male
21	70401310	2	O-Ring
22	75089309	1	Split Grommet

ITEM	PART NUMBER	QTY	DESCRIPTION
23	75089313	3	Split Grommet, 1/2" ID
24	75085005	3	3/8-16 Serrated Hex Nut
25	75086217	1	5/16"-18 x 1-1/4" Long Hex Bolt
26	10099500	1	Terminal Link
27	75085020	1	5/16"-24 Jam Nut
28	85803921	2	Relay, 12V, 30 Amp
29	31491501	1	Wire with Fuse Holder
30	75089851	1	Fuse, 10 Amp
31	75086055	5	3/8"-16 x 3/4" Long Hex Screw
32	75088081	5	3/8" Lock Washer
33	75085003	2	5/16"-18 Serrated Hex Nut
34	75083031	1	90 Degree Elbow, 1/4" NPSM Female X 1/4" NPT Male
35	75089807	1	Toggle Switch
36	10195536	1	36" Battery Cable Assembly (Auxiliary Battery)
37	10195836	1	36" Positive Battery Cable Assembly (Auxiliary Battery)
38	75089744	2	Rubber Draw Latch (Direct Power)
		4	Rubber Draw Latch (Auxiliary Battery)
39	75089436	4	5/32" Aluminum Rivet (Direct Power)
		8	5/32" Aluminum Rivet (Auxiliary Battery)
40	7500021-1	2	18-1/2" Long Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female
41	3190108	1	Motor Wiring Harness
42	7500021-3	1	18-1/2" Long Hose Assembly, 9/16"-18 ORFS Female X 9/16"-18 ORFS Female
	7500074-1	1	76" Hose Assembly, 1/4" NPT Male X 9/16"-18 ORFS Female (Truck)
	7500074-2	1	216" Hose Assembly, 1/4" NPT Male X 9/16"-18 ORFS Female (Short Trailer)
43	7500074-3	1	372" Hose Assembly, 1/4" NPT Male X 9/16"-18 ORFS Female (Long Trailer)
	75083604	1	11/16-16 ORFS Female x 11/16-16 ORFS Female 3/8" Hose Assembly
44	3190104	1	Switch Wire Harness (Truck)
	3190107	1	Harness Extension (Trailer)
	75086036	1	5/16-18 X 1 Long Hex Screw

DUAL PUMP & DUAL PUMP WITH HAND PUMP GRAVITY DOWN HYDRAULIC & ELECTRICAL LAYOUT
(Built 6-08 thru 1-09)



WALTCO LIFT CORP.
WDL XT

REVISED: 8-1-09
E.O. 6251
REV. 03

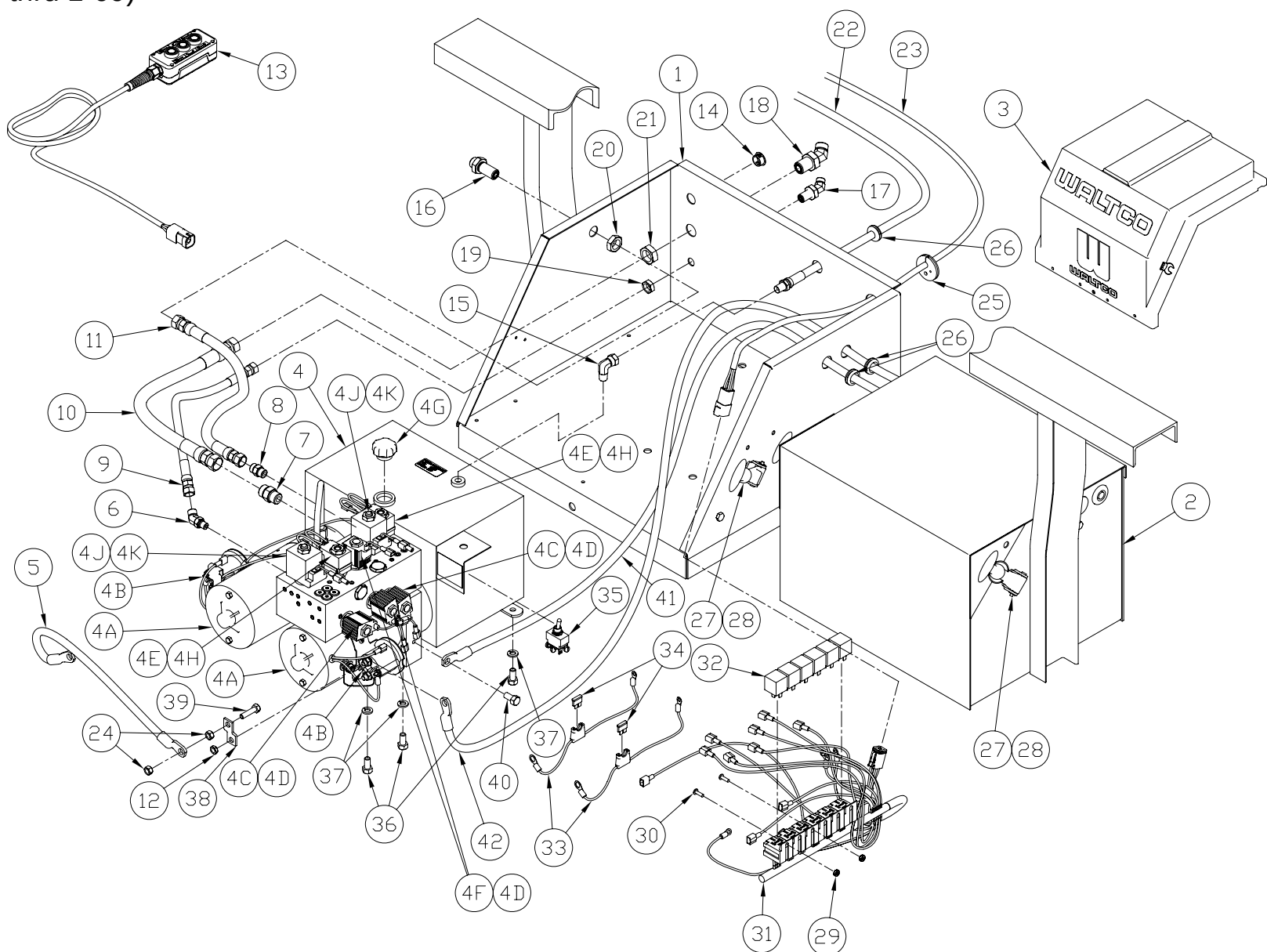
PM-728A

ITEM	PART NUMBER	QTY	DESCRIPTION
1	3190021-2	1	Pump Box Base Assembly (Direct Power)
	3190180-1	1	Pump & Battery Box Assembly (Auxiliary Battery)
2	See PM 742	1	Battery Box Assembly
3	31590902	1	Enclosure Cover
4	70430170	1	Hydraulic Pump Unit, Dual Pump
	70430175		Hydraulic Pump Unit, Dual Pump with Hand Pump
4A	70400858	2	Motor
4B	75089833	2	Start Solenoid
4C	70092501	2	Solenoid Valve, 3 way, 2 pos, w/ Coil
4D	70402303	4	Coil, 10V, 25W
4E	70092503	3	Solenoid Valve, 2 way, 2 pos, w/ Coil
4F	70402303	2	Coil, 10V, 25W
4G	70091734	1	Breather
5	10195518	1	18" Battery Cable Assembly
6	7500025-2	1	45 Degree Straight Thread Elbow, 9/16"-18 ORFS Male X 9/16"-18 SAE-ORB Male
7	7500025-1	1	45 Degree Straight Thread Elbow, 13/16"-16 ORFS Male X 3/4"-16 SAE-ORB Male
8	7500021-3	1	18-1/2" Long Hose Assembly, 9/16"-18 ORFS Female X 9/16"-18 ORFS Female
9	7500021-1	1	18-1/2" Long Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female
10	31491501	2	Wire with Fuse Holder
11	75089851	1	Fuse, 10 Amp
12	7500024-1	1	13/16"-16 Bulkhead Locknut
13	31499001	1	Auxiliary Push Button Control
14	75089571	2	3/4" Hole Plug
15	75083031	1	90 Degree Elbow, 1/4" NPSM Female X 1/4" NPT Male
16	7500023-1	1	45 Degree Bulkhead Elbow, 13/16"-16 ORFS Male X 13/16"-16 ORFS Male
17	7500023-2	1	45 Degree Bulkhead Elbow, 9/16"-18 ORFS Male X 9/16"-18 ORFS Male
18	7500074-1	1	76" Hose Assembly, 1/4" NPT Male X 9/16"-18 ORFS Female (Truck)
	7500074-2	1	216" Hose Assembly, 1/4" NPT Male X 9/16"-18 ORFS Female (Short Trailer)
	7500074-3	1	372" Hose Assembly, 1/4" NPT Male X 9/16"-18 ORFS Female (Long Trailer)
19	3190104	1	Switch Wire Harness (Truck)
	3190107		Harness Extension (Trailer)
20	70401310	6	O-Ring

ITEM	PART NUMBER	QTY	DESCRIPTION
21	75089309	1	Split Grommet
22	75089313	3	Split Grommet, 1/2" ID
23	7500024-2	1	9/16"-18 Bulkhead Locknut
24	85803921	4	Relay, 12V, 30 Amp
25	3190106	1	Dual Pump Gravity Down Motor Wiring Harness
26	75085000	2	#10-32 Serrated Hex Nut
		4	#10-32 Serrated Hex Nut (With Hand Pump)
27	75086707	2	#10-32 x 5/8" Long Round Head Screw
		4	#10-32 x 5/8" Long Round Head Screw (With Hand Pump)
28	70401651	1	Hand Pump Handle
29	75089832	1	Selector Switch
30	85803482	2	Spring Clip Holder
31	75086055	4	3/8"-16 x 3/4" Long Hex Screw
32	75088081	4	3/8" Lock Washer
33	10195536	1	36" Battery Cable Assembly (Auxiliary Battery)
34	10195836	1	36" Positive Battery Cable Assembly (Auxiliary Battery)
35	75086217	2	5/16"-18 x 1-1/4" Long Hex Bolt
36	10099500	1	Terminal Link
37	75085003	2	5/16"-18 Serrated Hex Nut
38	75085020	1	5/16"-24 Jam Nut
39	80001124	1	Hand Pump Kit
40	75089744	2	Rubber Draw Latch (Direct Power)
		4	Rubber Draw Latch (Auxiliary Battery)
41	75089436	4	5/32" Aluminum Rivet (Direct Power)
		8	5/32" Aluminum Rivet (Auxiliary Battery)
42	75086036	1	5/16-18 X 1 Long Hex Screw

DUAL PUMP POWER DOWN HYDRAULIC & ELECTRICAL LAYOUT

(Built 6-08 thru 1-09)



WALTCO LIFT CORP.
WDLXT

REVISED: 8-1-09
E.O. 6251
REV. 02

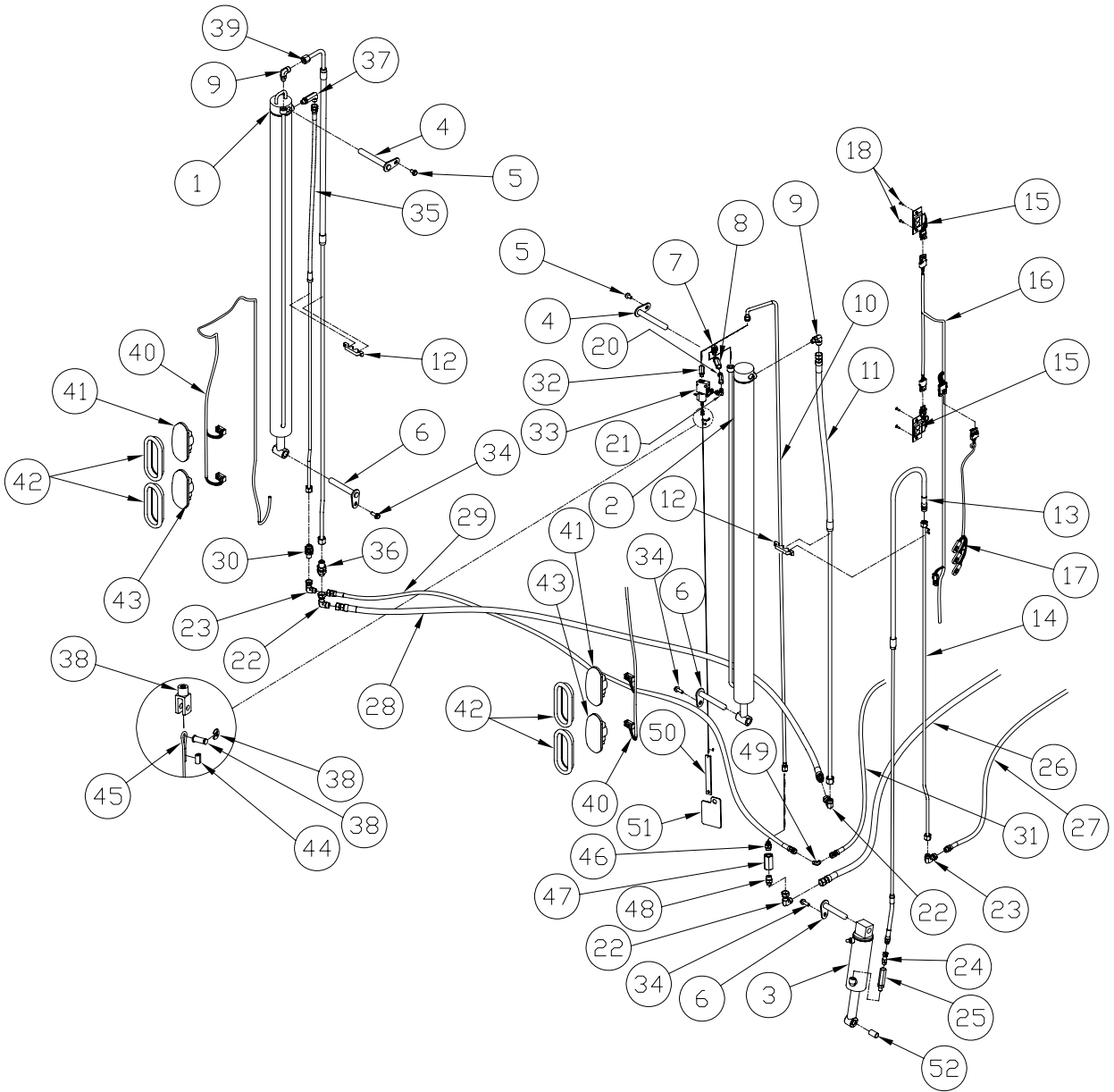
PM-730B

ITEM	PART NUMBER	QTY	DESCRIPTION
1	3190021-2	1	Pump Box Base Assembly (Direct Power)
	3190180-1	1	Pump & Battery Box Assembly (Auxiliary Battery)
2	See PM 742	1	Battery Box Assembly
3	31590902	1	Enclosure Cover
4	70430197	1	Hydraulic Pump Unit, Dual Pump Power Down
4A	70400858	2	Motor
4B	75089833	2	Start Solenoid
4C	70092503	2	Solenoid Valve, 2 way, 2 Pos, w/ Coil
4D	70402303	4	Coil, 10V, 25W
4E	70400014	2	Solenoid Valve, 4 way, 2 Pos, w/ Coil
4F	70092501	2	Solenoid Valve, 3 way, 2 Pos, w/ Coil
4G	70091734	1	Breather
4H	70402303	2	Coil, 10V, 25W
4J	70092528	2	Cartridge Valve, 2 Way 2 Position, Normally Closed, Bi-Directional
4K	70092525	2	#10 Cartridge Valve, 2 Way, 2 Position
5	10195524	1	24" Battery Cable Assembly
6	7500025-2	1	45 Degree Elbow, 9/16-18 ORFS Male x 9/16-18 SAE ORB Male
7	7500040-1	1	Straight Thread Adapter, 13/16-16 ORFS Male x 3/4-16 SAE ORB Male
8	7500040-4	1	Straight Thread Adapter, 11/16-16 ORFS Male x 9/16-18 SAE ORB Male
9	7500021-3	1	18-1/2" Long Hose Assembly, 9/16"-18 ORFS Female X 9/16"-18 ORFS Female
10	7500021-1	1	18-1/2" Long Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female
11	75083604	1	11/16-16 ORFS Female x 11/16-16 ORFS Female 3/8" Hose Assembly
12	75085020	1	5/16"-24 Jam Nut
13	31499001	1	Auxiliary Push Button Control
14	75089571	1	3/4" Hole Plug
15	75083031	1	90 Degree Elbow, 1/4" NPSM Female X 1/4" NPT Male
16	75083333	1	Bulkhead, 11/16-16 ORFS Male x 11/16-16 ORFS Male
17	7500023-2	1	45 Degree Bulkhead Elbow, 9/16"-18 ORFS Male X 9/16"-18 ORFS Male
18	7500023-1	1	45 Degree Bulkhead Elbow, 13/16"-16 ORFS Male X 13/16"-16 ORFS Male
19	7500024-2	1	9/16"-18 Bulkhead Locknut
20	7500024-3	1	11/16"-16 Bulkhead Locknut
21	7500024-1	1	13/16"-16 Bulkhead Locknut

ITEM	PART NUMBER	QTY	DESCRIPTION
22	7500074-1	1	76" Hose Assembly, 1/4" NPT Male X 9/16"-18 ORFS Female (Truck)
	7500074-2	1	216" Hose Assembly, 1/4" NPT Male X 9/16"-18 ORFS Female (Short Trailer)
	7500074-3	1	372" Hose Assembly, 1/4" NPT Male X 9/16"-18 ORFS Female (Long Trailer)
23	3190104	1	Switch Wire Harness (Truck)
	3190107	1	Harness Extension (Trailer)
24	75085003	2	5/16"-18 Serrated Hex Nut
25	75089309	1	Split Grommet
26	75089313	3	Split Grommet, 1/2" ID
27	75089744	2	Rubber Draw Latch (Direct Power)
		4	Rubber Draw Latch (Auxiliary Battery)
28	75089436	4	5/32" Aluminum Rivet (Direct Power)
		8	5/32" Aluminum Rivet (Auxiliary Battery)
29	75085000	2	#10-32 Serrated Hex Nut
30	75086707	2	#10-32 x 5/8" Long Round Head Screw
31	3190287	1	Motor Wiring Harness
32	85803921	6	Relay, 12V, 30 Amp
33	31491501	2	Wire with Fuse Holder
34	75089851	2	Fuse, 10 Amp
35	75089832	1	Selector Switch
36	75086055	4	3/8"-16 x 3/4" Long Hex Screw
37	75088081	4	3/8" Lock Washer
38	10099500	1	Terminal Link
39	75086217	1	5/16"-18 x 1-1/4" Long Hex Bolt
40	75086036	1	5/16"-18 x 1" Long Hex Bolt
41	10195536	1	36" Battery Cable Assembly (Auxiliary Battery)
42	10195836	1	36" Positive Battery Cable Assembly (Auxiliary Battery)

LIFTGATE HYDRAULIC & ELECTRICAL LAYOUT – GRAVITY DOWN

(Built 1-09 thru 4-09)



WALTCO LIFT CORP.
WDLXT

REVISED: 8-1-09
E.O. 6251
REV. 02

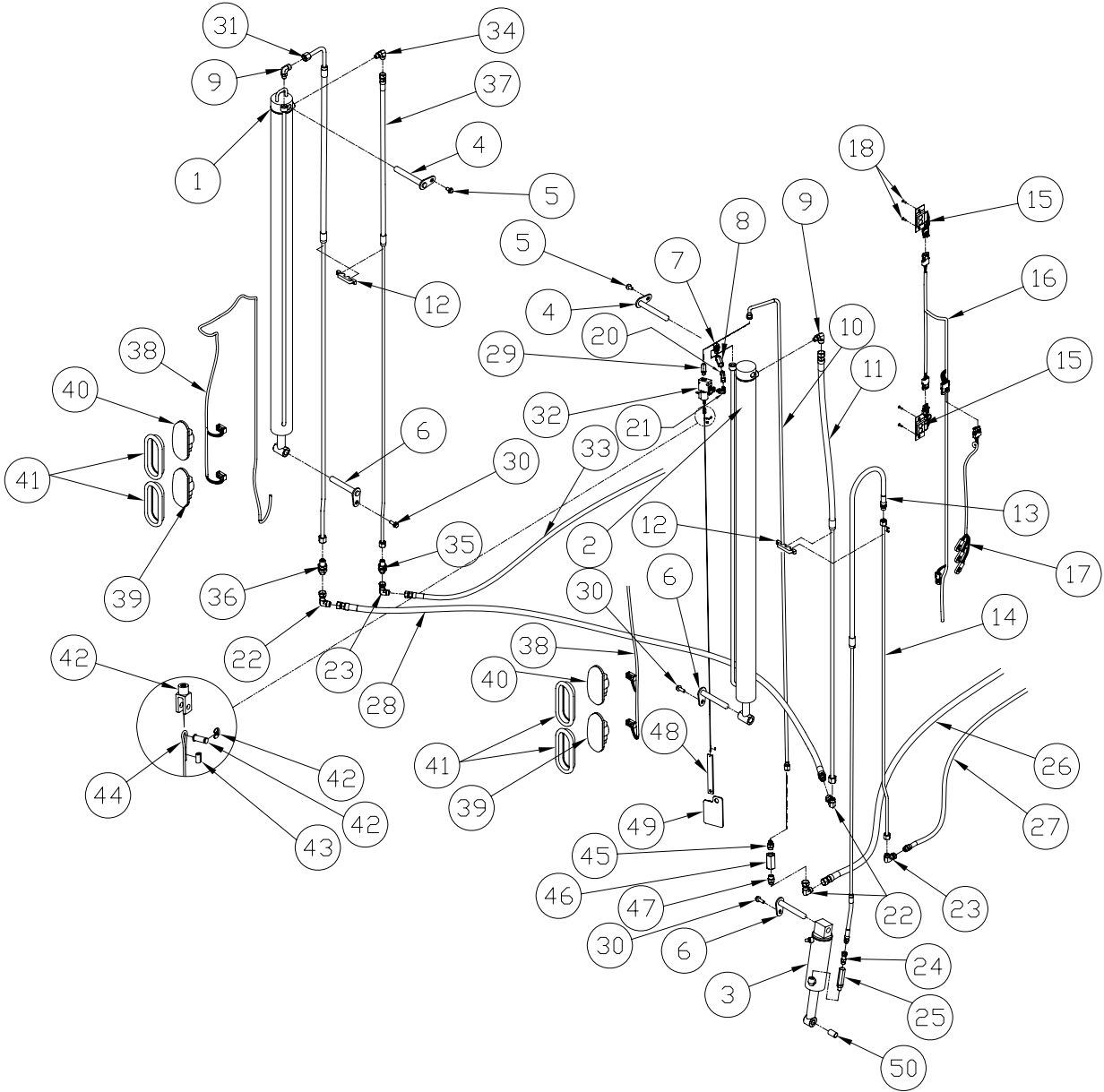
PM-725B

ITEM	PART NUMBER	QTY	DESCRIPTION
1	1000801-14	1	Driver Side Lift Cylinder
2	1000801-17	1	Curb Side Lift Cylinder
3	1000800-2	1	Closure Cylinder
4	1000101-1	2	Upper Lift Cylinder Pin
5	7500017-4	2	3/8"-16 X 5/8" Long Hex Screw
6	1000101-2	3	Lower Cylinder Pin
7	7500059-1	1	90 Degree Elbow, 9/16"-18 SAE-ORB Female X 9/16"-18 SAE-ORB Male
8	7010001-4	1	In Line Pressure Compensating Flow Valve, 9/16"-18 SAE-ORB Female X 9/16"-18 SAE-ORB Male
9	7500037-1	2	90 Degree Straight Thread Elbow, 13/16"-16 ORFS Male X 9/16"-18 SAE-ORB Male
10	3190291	1	Tube Assembly, 3/4-16 JICF X 3/4-16 JICF
11	3190024	1	Hardline & Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female
12	3190067-1	2	Line Clamp
13	80001140	1	Closure Hardline & Hose Assembly, 9/16"-18 ORFS Male X 11/16"-16 ORFS Male
14	80001144	1	Hardline Assembly, 11/16"-16 ORFS Female X 11/16"-16 ORFS Female
15	10099360	2	Inside Switch
16	3190104	1	Switch Wiring Harness
17	3190111	1	3 Button Switch Assembly
18	75085997	4	10-24 x 5/8" Flat Head Screw
20	7500086-1	1	90 Degree Elbow, 9/16-18 ORB male X 9/16-18 JIC female SWVL
21	75082869	1	90 Degree Elbow, 9/16-18 ORBM X 9/16-18 JICM
22	7500027-1	3	90 Degree Swivel Elbow, 13/16"-16 ORFS Female X 13/16"-16 ORFS Male
23	75083334	2	90 Degree Elbow, 11/16"-16 ORFS Female X 11/16"-16 ORFS Male
24	7500038-2	1	Straight Thread Swivel Connector, 9/16"-18 ORFS Female X 7/16"-20 SAE-ORB Male
25	7010001-5	1	In Line Pressure Compensating Flow Valve, 7/16"-20 SAE-ORB Female X 9/16"-18 SAE-ORB Male
26	7500021-7	1	76" Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female (Truck)
	7500021-8		216" Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female (Short Trailer)
	7500021-9		372" Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female (Long Trailer)
27	7500029-5	1	76" Hose Assembly, 9/16"-18 ORFS Female X 11/16"-16 ORFS Male (Truck)
	7500029-6		216" Hose Assembly, 9/16"-18 ORFS Female X 11/16"-16 ORFS Male (Short Trailer)
	7500029-7		372" Hose Assembly, 9/16"-18 ORFS Female X 11/16"-16 ORFS Male (Long Trailer)
28	7500029-4	1	Hose Assembly, 13/16"-16 ORFS Male X 13/16"-16 ORFS Female

ITEM	PART NUMBER	QTY	DESCRIPTION
29	7500021-10	1	Hose Assembly, 11/16"-16 ORFS Female X 9/16"-18 ORFS Female
30	75083333	1	Straight Bulkhead, 11/16"-16 ORFS Male X 11/16"-16 ORFS Male
31	7500074-1	1	76" Hose Assembly, 1/4" NPT Male X 9/16"-18 ORFS Female (Truck)
	7500074-2	1	216" Hose Assembly, 1/4" NPT Male X 9/16"-18 ORFS Female (Short Trailer)
	7500074-3	1	372" Hose Assembly, 1/4" NPT Male X 9/16"-18 ORFS Female (Long Trailer)
32	7500091-1	1	90 Degree Elbow, 9/16-18 SAEM X 9/16-18 JICM
32	7500091-1	1	90 Degree Elbow, 9/16-18 SAEM X 9/16-18 JICM
33	90802975	1	Blocking Valve, 9/16-18 SAEF X 9/16-18 SAEF
34	7500017-3	3	3/8"-16 X 1" Long Hex Screw
35	3190144	1	Hardline & Hose Assembly, 11/16"-16 ORFS Female X 11/16"-16 ORFS Female
36	7500033-1	1	Straight Bulkhead, 13/16"-16 ORFS Male X 13/16"-16 ORFS Male
37	7500068-1	1	90 Degree Straight Thread Elbow, 11/16"-16 ORFS Male X 9/16"-18 SAE-ORB Male
38	75082045	1	Clevis Rod End Assembly, Nylon, #10-32
39	3190028	1	Hardline & Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female
40	3190103	2	Light Wiring Harness
41	75089428	2	(Red) Led Taillight
42	75089376	4	Light Grommet
43	75089374	2	(White) Oval Backup Light
	75089428		(Red) Led Taillight
44	75082031	2	Cable Clamp, 1/8" ID
45	3190292	1	Cable, 1/16 Dia. Coated
46	7500079-3	1	Nipple, 7/8-14 SAE male X 3/4-16 JIC male
47	70110100	1	Filter, Inline Magnetic
48	7500040-6	1	Straight Thread Connector, 9/16-18 ORFS male X 7/8-14 ORB male
49	7500083-1	1	90 Degree Elbow, 7/16-20 ORFS
50	3190293	1	Bar, Lock Valve Slide
51	3190294	1	Weldment, Lock Valve Slide
52	32481712	1	Bushing, Closer Cylinder

LIFTGATE HYDRAULIC & ELECTRICAL LAYOUT – POWER DOWN

(Built 1-09 thru 4-09)



WALTCO LIFT CORP.
WDLXT

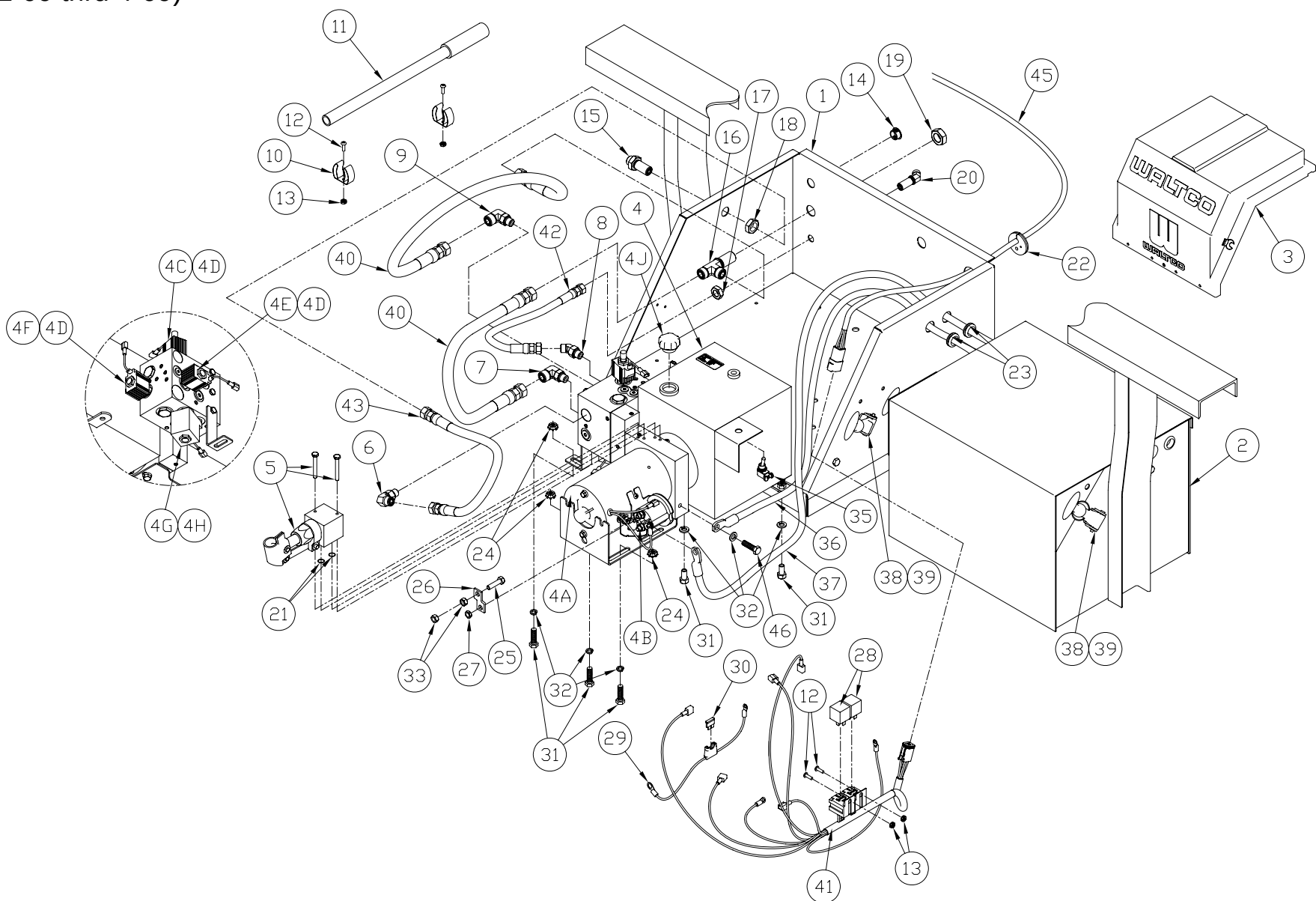
REVISED: 8-1-09
E.O. 6251
REV. 02

PM-741B

ITEM	PART NUMBER	QTY	DESCRIPTION
1	1000801-14	1	Driver Side Lift Cylinder
2	1000801-17	1	Curb Side Lift Cylinder
3	1000800-2	1	Closer Cylinder
4	1000101-1	2	Upper Lift Cylinder Pin
5	7500017-4	2	3/8"-16 X 5/8" Long Hex Screw
6	1000101-2	3	Lower Cylinder Pin
7	7500059-1	1	90 Degree Elbow, 9/16"-18 SAE-ORB Female X 9/16"-18 SAE-ORB Male
8	7010001-4	1	In Line Pressure Compensating Flow Valve, 9/16"-18 SAE-ORB Female X 9/16"-18 SAE-ORB Male
9	7500037-1	2	90 Degree Straight Thread Elbow, 13/16"-16 ORFS Male X 9/16"-18 SAE-ORB Male
10	3190291	1	Tube Assembly, 3/4-16 JICF X 3/4-16 JICF
11	3190024	1	Hardline & Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female
12	3190067-1	2	Line Clamp
13	80001140	1	Closure Hardline & Hose Assembly, 11/16"-16 ORFS Male X 9/16"-18 ORFS Male
14	80001144	1	Hardline Assembly, 11/16"-16 ORFS Female X 11/16"-16 ORFS Female
15	10099360	2	Inside Switch
16	3190104	1	Switch Wiring Harness
17	3190111	1	3 Button Switch Assembly
18	75085997	4	10-24 x 5/8" Flat Head Screw
20	7500086-1	1	90 Degree Elbow, 9/16-18 ORB male X 9/16-18 JIC female SWVL
21	75082869	1	90 Degree Elbow, 9/16-18 ORBM X 9/16-18 JICM
22	7500027-1	3	90 Degree Swivel Elbow, 13/16"-16 ORFS Female X 13/16"-16 ORFS Male
23	75083334	2	90 Degree Elbow, 11/16"-16 ORFS Female X 11/16"-16 ORFS Male
24	7500038-2	1	Straight Thread Swivel Connector, 9/16"-18 ORFS Female X 7/16"-20 SAE-ORB Male
25	7010001-5	1	In Line Pressure Compensating Flow Valve, 7/16-20 SAE-ORB Female X 9/16"-18 SAE-ORB Male
26	7500021-7	1	76" Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female (Truck)
	7500021-8		216" Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female (Short Trailer)
	7500021-9		372" Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female (Long Trailer)
27	7500029-5	1	76" Hose Assembly, 9/16"-18 ORFS Female X 11/16"-16 ORFS Male (Truck)
	7500029-6		216" Hose Assembly, 9/16"-18 ORFS Female X 11/16"-16 ORFS Male (Short Trailer)
	7500029-7		372" Hose Assembly, 9/16"-18 ORFS Female X 11/16"-16 ORFS Male (Long Trailer)

ITEM	PART NUMBER	QTY	DESCRIPTION
28	7500029-4	1	Hose Assembly, 13/16"-16 ORFS Male X 13/16"-16 ORFS Female
29	7500091-1	1	90 Degree Elbow, 9/16-18 SAEM X 9/16-18 JICM
30	7500017-3	3	3/8"-16 X 1" Long Hex Screw
31	3190028	1	Hardline & Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female
32	90802975	1	Blocking Valve, 9/16-18 SAEF X 9/16-18 SAEF
33	75083603	1	153" Long Hose Assembly, 11/16"-16 ORFS Female X 11/16"-16 ORFS Female (Truck)
	75083607		293" Long Hose Assembly, 11/16"-16 ORFS Female X 11/16"-16 ORFS Female (Short Trailer)
	75083600		372" Long Hose Assembly, 11/16"-16 ORFS Female X 11/16"-16 ORFS Female (Long Trailer)
34	7500068-1	1	90 Degree Straight Thread Elbow, 11/16"-16 ORFS Male X 9/16"-18 SAE-ORB Male
35	75083333	1	Bulkhead, 11/16"-16 ORFS Male X 11/16"-16 ORFS Male
36	7500033-1	1	Straight Bulkhead, 13/16"-16 ORFS Male X 13/16"-16 ORFS Male
37	3190144	1	Hardline & Hose Assembly, 11/16"-16 ORFS Female X 11/16"-16 ORFS Female
38	3190103	2	Light Wiring Harness
39	75089374	2	(White) Oval Backup Light
	75089428		(Red) Led Taillight
40	75089428	2	(Red) Led Taillight
41	75089376	4	Light Grommet
42	75082045	1	Clevis Rod End Assembly, Nylon, #10-32
43	75082031	2	Cable Clamp, 1/8" ID
44	3190292	1	Cable, 1/16 Dia. Coated
45	7500079-3	1	Nipple, 7/8-14 SAE male X 3/4-16 JIC male
46	70110100	1	Filter, Inline Magnetic
47	7500040-6	1	Straight Thread Connector, 9/16-18 ORFS male X 7/8-14 ORB male
48	3190293	1	Bar, Lock Valve Slide
49	3190294	1	Weldment, Lock Valve Slide
50	32481712	1	Bushing, Closer Cylinder

SINGLE PUMP & SINGLE PUMP w/ HAND PUMP POWER DOWN HYDRAULIC & ELECTRICAL LAYOUT
(Built 1-09 thru 4-09)



WALTCO LIFT CORP.
WDLXT

REVISED: 8-1-09
E.O. 6251
REV. 01

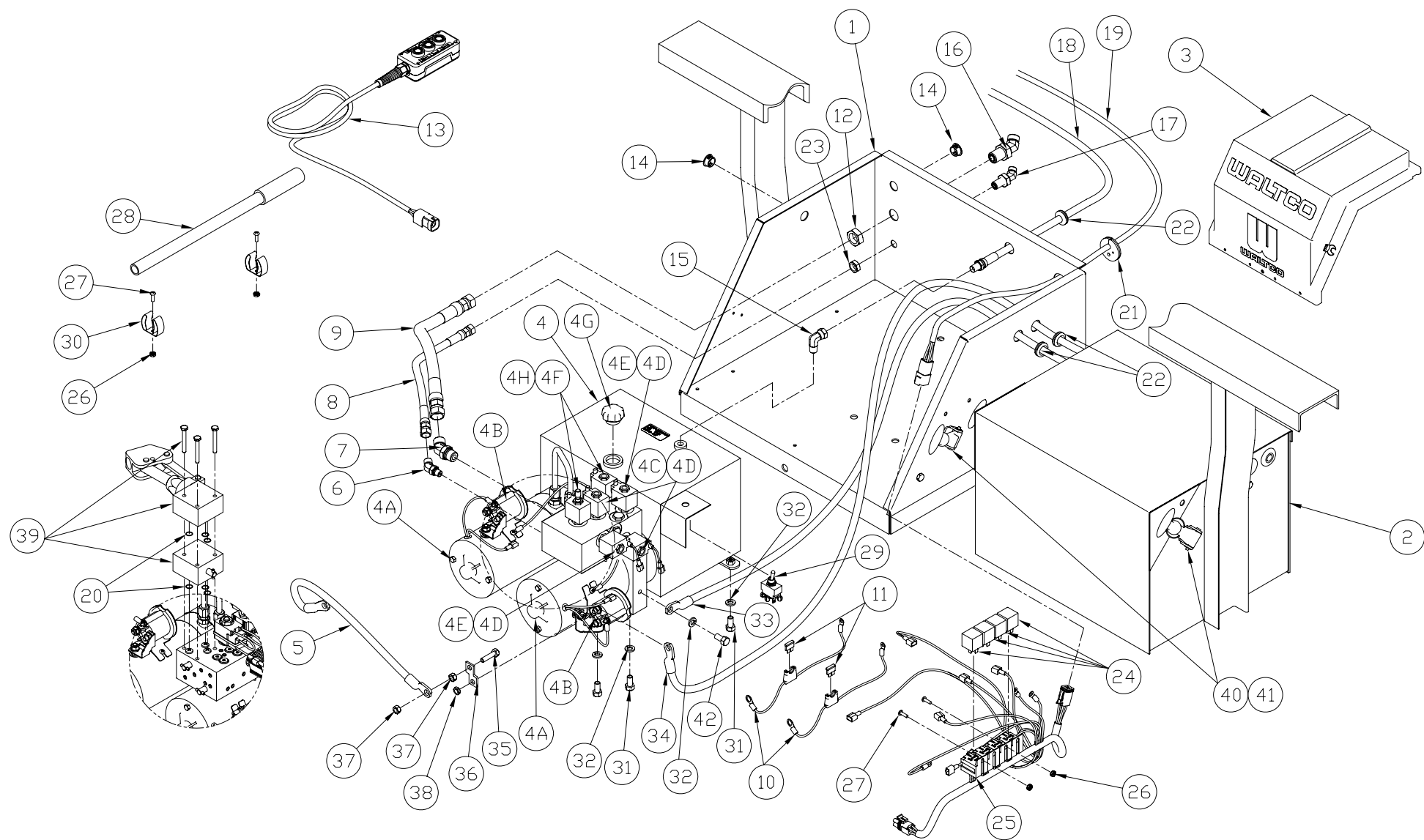
PM-727B

ITEM	PART NUMBER	QTY	DESCRIPTION
1	3190021-2	1	Hydraulic Enclosure Base Assembly (Direct Power)
	3190180-1	1	Pump and Battery Box Assembly (Auxiliary Power)
2	See PM 742	1	Battery Box Assembly
3	31590902	1	Enclosure Cover
4	70430180	1	Hydraulic Pump Unit, Single Pump
	70430200	1	Hydraulic Pump Unit, Single Pump with Hand Pump
4A	70400858	1	Motor
4B	75089833	1	Start Solenoid
4C	70092522	1	Solenoid Valve, 3 way, 2 pos, Manual Override
4D	70402303	3	Coil, 10V, 25W
4E	70400014	1	Solenoid Valve, 4 way, 2 pos, w/ Coil
4F	70092503	1	Solenoid Valve, 2 way, 2 pos, w/ Coil
4G	70092525	1	#10 Cartridge Valve, 2 Way, 2 Position
4H	70092526	1	#10 Solenoid, 12V DC, 16W
4J	70091734	1	Breather
5	70092527	1	Hand Pump Kit, Power Down
6	7500037-3	1	90 Degree Elbow, 11-16 ORFS Male x 9/16-18 SAE ORB Male
7	7500037-1	1	90 Degree Elbow, 13/16-16 ORFS Male x 9/16-18 SAE ORB Male
8	7500025-2	1	45 Degree Elbow, 9/16-18 ORFS Male x 9/16-18 SAE ORB Male
9	7500037-4	1	90 Degree Elbow, 13/16-16 ORFS Male x 3/4-16 SAE ORB Male
10	85803482	2	Spring Clip Holder
11	70401651	1	Hand Pump Handle
12	75086707	2	#10-32 x 5/8" Long Round Head Screw
		4	#10-32 x 5/8" Long Round Head Screw (With Hand Pump)
13	75085000	2	#10-32 Serrated Hex Nut
		4	#10-32 Serrated Hex Nut (With Hand Pump)
14	75089571	1	3/4" Hole Plug
15	75083333	1	Bulkhead, 11/16-16 ORFS Male x 11/16-16 ORFS Male
16	7500036-1	1	Bulkhead Run Tee, 13/16-16 ORFS Male x 13/16-16 ORFS Male x 13/16-16 ORFS Male
17	7500024-2	1	9/16-18 Bulkhead Locknut
18	7500024-3	1	11/16-16 Bulkhead Locknut
19	7500024-1	1	13/16"-16 Bulkhead Locknut
20	7500023-2	1	45 Degree Bulkhead Elbow, 9/16"-18 ORFS Male X 9/16"-18 ORFS Male
21	70401310	2	O-Ring
22	75089309	1	Split Grommet

ITEM	PART NUMBER	QTY	DESCRIPTION
23	75089313	2	Split Grommet, 1/2" ID
24	75085005	3	3/8-16 Serrated Hex Nut
25	75086217	1	5/16"-18 x 1-1/4" Long Hex Bolt
26	10099500	1	Terminal Link
27	75085020	1	5/16"-24 Jam Nut
28	85803921	2	Relay, 12V, 30 Amp
29	31491501	1	Wire with Fuse Holder
30	75089851	1	Fuse, 10 Amp
31	75086055	5	3/8"-16 x 3/4" Long Hex Screw
32	75088081	5	3/8" Lock Washer
33	75085003	2	5/16"-18 Serrated Hex Nut
35	75089807	1	Toggle Switch
36	10195536	1	36" Battery Cable Assembly (Auxiliary Battery)
37	10195836	1	36" Positive Battery Cable Assembly (Auxiliary Battery)
38	75089744	2	Rubber Draw Latch (Direct Power)
		4	Rubber Draw Latch (Auxiliary Battery)
39	75089436	4	5/32" Aluminum Rivet (Direct Power)
		8	5/32" Aluminum Rivet (Auxiliary Battery)
40	7500021-1	2	18-1/2" Long Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female
41	3190108	1	Motor Wiring Harness
42	7500021-3	1	18-1/2" Long Hose Assembly, 9/16"-18 ORFS Female X 9/16"-18 ORFS Female
43	75083604	1	11/16-16 ORFS Female x 11/16-16 ORFS Female 3/8" Hose Assembly
45	3190104	1	Switch Wire Harness (Truck)
	3190107	1	Harness Extension (Trailer)
46	75086036	1	5/16-18 X 1 Long Hex Screw

DUAL PUMP & DUAL PUMP WITH HAND PUMP GRAVITY DOWN HYDRAULIC & ELECTRICAL LAYOUT

(Built 1-09 thru 4-09)



WALTCO LIFT CORP.
WDLXT

REVISED: 8-1-09
E.O. 6251
REV. 02

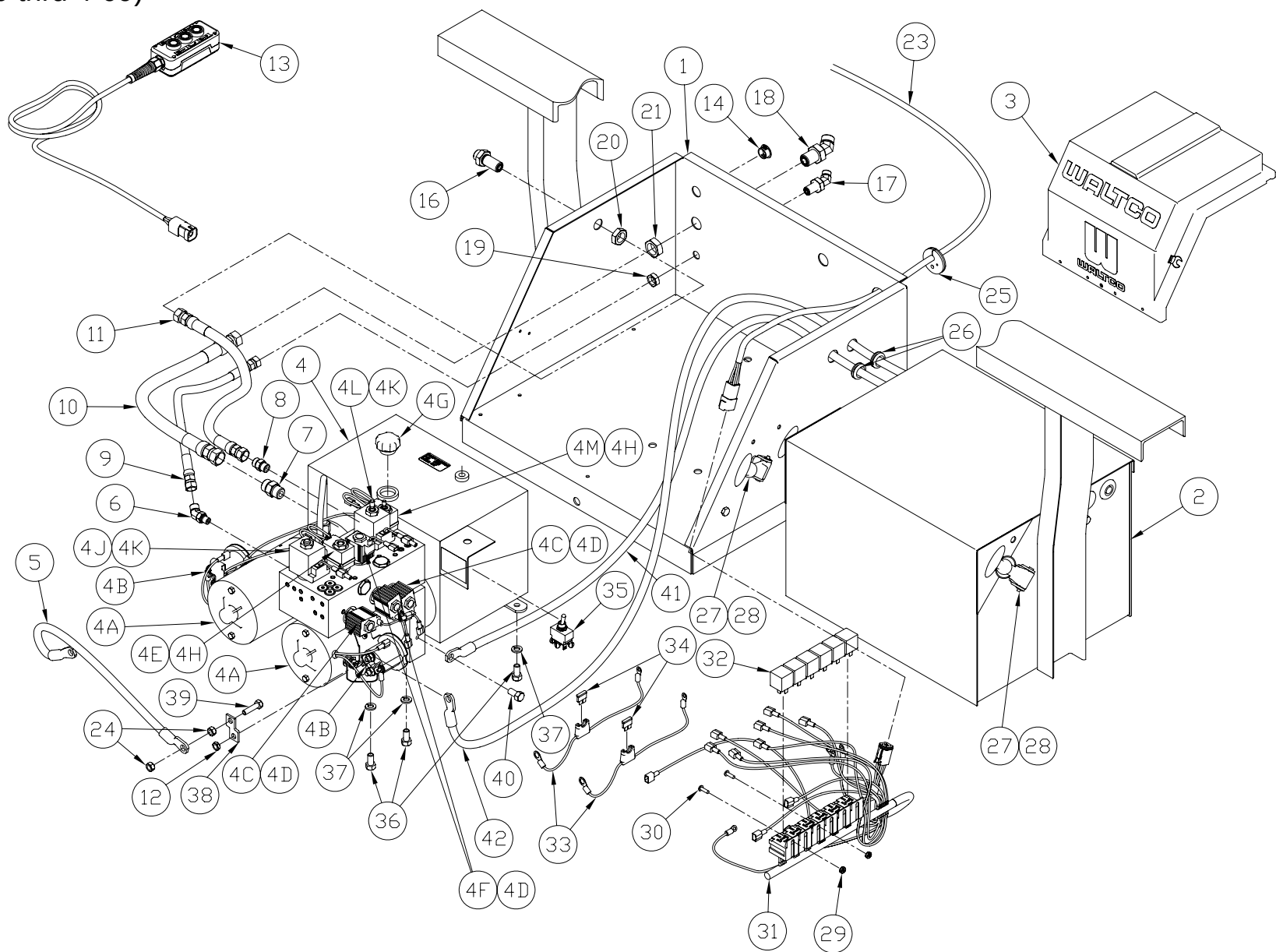
PM-728B

ITEM	PART NUMBER	QTY	DESCRIPTION
1	3190021-2	1	Pump Box Base Assembly (Direct Power)
	3190180-1	1	Pump & Battery Box Assembly (Auxiliary Battery)
2	See PM 742	1	Battery Box Assembly
3	31590902	1	Enclosure Cover
4	70430170	1	Hydraulic Pump Unit, Dual Pump
	70430175		Hydraulic Pump Unit, Dual Pump with Hand Pump
4A	70400858	2	Motor
4B	75089833	2	Start Solenoid
4C	70092501	2	Solenoid Valve, 3 way, 2 Pos, w/ Coil
4D	70402303	4	Coil, 10V, 25W
4E	70092503	3	Solenoid Valve, 2 way, 2 Pos, w/ Coil
4F	70402303	2	Coil, 10V, 25W
4G	70091734	1	Breather
4H	70092532	1	Cartridge Valve w/ Manual Release stem, 2 Way, 2 Position
5	10195518	1	18" Battery Cable Assembly
6	7500025-2	1	45 Degree Straight Thread Elbow, 9/16"-18 ORFS Male X 9/16"-18 SAE-ORB Male
7	7500025-1	1	45 Degree Straight Thread Elbow, 13/16"-16 ORFS Male X 3/4"-16 SAE-ORB Male
8	7500021-3	1	18-1/2" Long Hose Assembly, 9/16"-18 ORFS Female X 9/16"-18 ORFS Female
9	7500021-1	1	18-1/2" Long Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female
10	31491501	2	Wire with Fuse Holder
11	75089851	1	Fuse, 10 Amp
12	7500024-1	1	13/16"-16 Bulkhead Locknut
13	31499001	1	Auxiliary Push Button Control
14	75089571	2	3/4" Hole Plug
15	75083031	1	90 Degree Elbow, 1/4" NPSM Female X 1/4" NPT Male
16	7500023-1	1	45 Degree Bulkhead Elbow, 13/16"-16 ORFS Male X 13/16"-16 ORFS Male
17	7500023-2	1	45 Degree Bulkhead Elbow, 9/16"-18 ORFS Male X 9/16"-18 ORFS Male
18	7500074-1	1	76" Hose Assembly, 1/4" NPT Male X 9/16"-18 ORFS Female (Truck)
	7500074-2	1	216" Hose Assembly, 1/4" NPT Male X 9/16"-18 ORFS Female (Short Trailer)
	7500074-3	1	372" Hose Assembly, 1/4" NPT Male X 9/16"-18 ORFS Female (Long Trailer)

ITEM	PART NUMBER	QTY	DESCRIPTION
19	3190104	1	Switch Wire Harness (Truck)
	3190107	1	Harness Extension (Trailer)
20	70401310	6	O-Ring
21	75089309	1	Split Grommet
22	75089313	3	Split Grommet, 1/2" ID
23	7500024-2	1	9/16"-18 Bulkhead Locknut
24	85803921	4	Relay, 12V, 30 Amp
25	3190106	1	Dual Pump Gravity Down Motor Wiring Harness
26	75085000	2	#10-32 Serrated Hex Nut
27	75086707	4	#10-32 Serrated Hex Nut (With Hand Pump)
		2	#10-32 x 5/8" Long Round Head Screw
28	70401651	1	Hand Pump Handle
29	75089832	1	Selector Switch
30	85803482	2	Spring Clip Holder
31	75086055	4	3/8"-16 x 3/4" Long Hex Screw
32	75088081	4	3/8" Lock Washer
33	10195536	1	36" Battery Cable Assembly (Auxiliary Battery)
34	10195836	1	36" Positive Battery Cable Assembly (Auxiliary Battery)
35	75086217	2	5/16"-18 x 1-1/4" Long Hex Bolt
36	10099500	1	Terminal Link
37	75085003	2	5/16"-18 Serrated Hex Nut
38	75085020	1	5/16"-24 Jam Nut
39	80001124	1	Hand Pump Kit
40	75089744	2	Rubber Draw Latch (Direct Power)
		4	Rubber Draw Latch (Auxiliary Battery)
41	75089436	4	5/32" Aluminum Rivet (Direct Power)
42	75086036	1	5/16-18 X 1 Long Hex Screw

DUAL PUMP POWER DOWN HYDRAULIC & ELECTRICAL LAYOUT

(Built 1-09 thru 4-09)



WALTCO LIFT CORP.
WDLXT

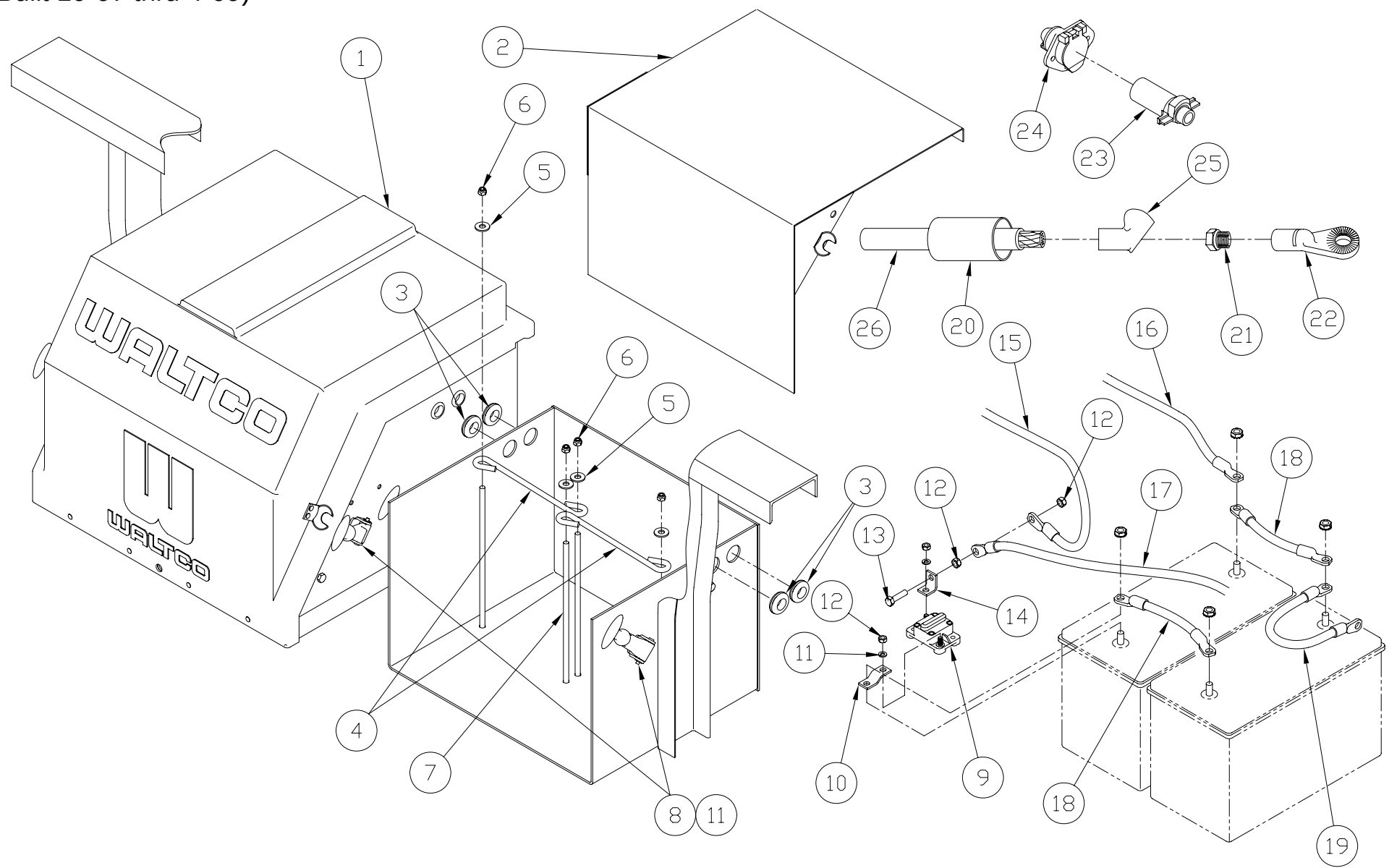
REVISED: 8-1-09
E.O. 6251
REV. 02

PM-730C

ITEM	PART NUMBER	QTY	DESCRIPTION
1	3190021-2	1	Pump Box Base Assembly (Direct Power)
	3190180-1	1	Pump & Battery Box Assembly (Auxiliary Battery)
2	See PM 742	1	Battery Box Assembly
3	31590902	1	Enclosure Cover
4	70430197	1	Hydraulic Pump Unit, Dual Pump Power Down
4A	70400858	2	Motor
4B	75089833	2	Start Solenoid
4C	70092503	2	Solenoid Valve, 2 way, 2 pos, w/ Coil
4D	70402303	4	Coil, 10V, 25W
4E	70400014	1	Cartridge Valve, 4 Way, 2 Position
4F	70092501	2	Cartridge Valve, 3 Way, 2 Position
4G	70091734	1	Breather
4H	70402303	2	2-Wire Solenoid, 12VDC, 16 Watt
4J	70092528	1	Cartridge Valve, 2 Way 2 Position, Normally Closed, Bi-Directional
4L	70092536	1	Cartridge Valve, w/Manual Release stem, 2 Way 2 Position, Bi-Directional
4M	70092534	1	Cartridge Valve, w/Manual Release stem, 4 Way 2 Position, Bi-Directional
4K	70092525	2	#10 Coil
5	10195524	1	24" Battery Cable Assembly
6	7500025-2	1	45 Degree Elbow, 9/16-18 ORFS Male x 9/16-18 SAE ORB Male
7	7500040-1	1	Straight Thread Adapter, 13/16-16 ORFS Male x 3/4-16 SAE ORB Male
8	7500040-4	1	Straight Thread Adapter, 11/16-16 ORFS Male x 9/16-18 SAE ORB Male
9	7500021-3	1	18-1/2" Long Hose Assembly, 9/16"-18 ORFS Female X 9/16"-18 ORFS Female
10	7500021-1	1	18-1/2" Long Hose Assembly, 13/16"-16 ORFS Female X 13/16"-16 ORFS Female
11	75083604	1	11/16-16 ORFS Female x 11/16-16 ORFS Female 3/8" Hose Assembly
12	75085020	1	5/16"-24 Jam Nut
13	31499001	1	Auxiliary Push Button Control
14	75089571	1	3/4" Hole Plug
16	75083333	1	Bulkhead, 11/16-16 ORFS Male x 11/16-16 ORFS Male
17	7500023-2	1	45 Degree Bulkhead Elbow, 9/16"-18 ORFS Male X 9/16"-18 ORFS Male
18	7500023-1	1	45 Degree Bulkhead Elbow, 13/16"-16 ORFS Male X 13/16"-16 ORFS Male
19	7500024-2	1	9/16"-18 Bulkhead Locknut
20	7500024-3	1	11/16"-16 Bulkhead Locknut

ITEM	PART NUMBER	QTY	DESCRIPTION
21	7500024-1	1	13/16"-16 Bulkhead Locknut
23	3190104	1	Switch Wire Harness (Truck)
	3190107	1	Harness Extension (Trailer)
24	75085003	2	5/16"-18 Serrated Hex Nut
25	75089309	1	Split Grommet
26	75089313	2	Split Grommet, 1/2" ID
27	75089744	2	Rubber Draw Latch (Direct Power)
		4	Rubber Draw Latch (Auxiliary Battery)
28	75089436	4	5/32" Aluminum Rivet (Direct Power)
		8	5/32" Aluminum Rivet (Auxiliary Battery)
29	75085000	2	#10-32 Serrated Hex Nut
30	75086707	2	#10-32 x 5/8" Long Round Head Screw
31	3190287	1	Motor Wiring Harness
32	85803921	6	Relay, 12V, 30 Amp
33	31491501	2	Wire with Fuse Holder
34	75089851	2	Fuse, 10 Amp
35	75089832	1	Selector Switch
36	75086055	4	3/8"-16 x 3/4" Long Hex Screw
37	75088081	4	3/8" Lock Washer
38	10099500	1	Terminal Link
39	75086217	1	5/16"-18 x 1-1/4" Long Hex Bolt
40	75086036	1	5/16"-18 x 1" Long Hex Bolt
41	10195536	1	36" Battery Cable Assembly (Auxiliary Battery)
42	10195836	1	36" Positive Battery Cable Assembly (Auxiliary Battery)

AUXILIARY BATTERY ENCLOSURE COMPONENTS (OPTIONAL ON ALL PUMPS)
(Built 10-07 thru 4-09)



WALCO LIFT CORP.
WDLXT

REVISED: 2-27-08
E.O. 6000
REV. 01

PM-742

ITEM	PART NUMBER	QTY	DESCRIPTION
1	3190180-1	1	Pump & Battery Box Sub-Assembly
2	10291503	1	Battery Cover
3	75089321	3	3/4" ID Grommet
4	10291403	2	Battery Holder
5	75088052	4	5/16" x 7/8" OD x .083" Thick Steel Washer
6	75085177	4	5/16"-18 Lock Nut
7	10291804	2	Threaded Battery Retainer Bar
8	75089744	4	Rubber Draw Latch
9	75089243	1	150 Amp Circuit Breaker
10	10099500	1	Terminal Link
11	75089436	8	5/32" Aluminum Rivet
12	75085003	2	5/16-18 Serrated Hex Nut
13	75086217	1	5/16-18 x 1-1/4" Long Hex Bolt
14	10099501	1	90 Degree Terminal Link
15	10195836	1	36" Long Positive Cable Assembly
16	10195536	1	36" Long Battery Cable Assembly
17	See Table Below		Positive Battery Cable Assembly
18	10195508	2	8" Battery Cable Assembly
19	See Table Below		Negative Battery Cable Assembly
20	75088036	N/A	Black Heat Shrink Tube
	75088038	N/A	Red Heat Shrink Tube
21	75080041	N/A	2 GA Compression Type Nut
	75080042	N/A	0 GA Compression Type Nut
22	75080040	N/A	Compression Terminal w/ 3/8" Hole
24	75080006	1	Plug (Single Pole)
	75080005	1	Socket (Single Pole)
	75092001	1	Socket (Dual Pole)
25	75089328	N/A	Rubber Boot
26	75089031	N/A	0 GA Battery Cable
	75089033	N/A	2 GA Battery Cable

AVAILABLE POSITIVE BATTERY CABLE ASSEMBLIES	
PART NUMBER	DESCRIPTION
10195810	Positive (Red) Battery Cable Assy, 2 Ga. X 120" Lg
10195824	Positive (Red) Battery Cable Assy, 2 Ga. X 24" Lg
10195836	Positive (Red) Battery Cable Assy, 2 Ga. X 36" Lg w/ Boot
10195887	Positive (Red) Battery Cable Assy, 2 Ga. X 87" Lg w/ Boot

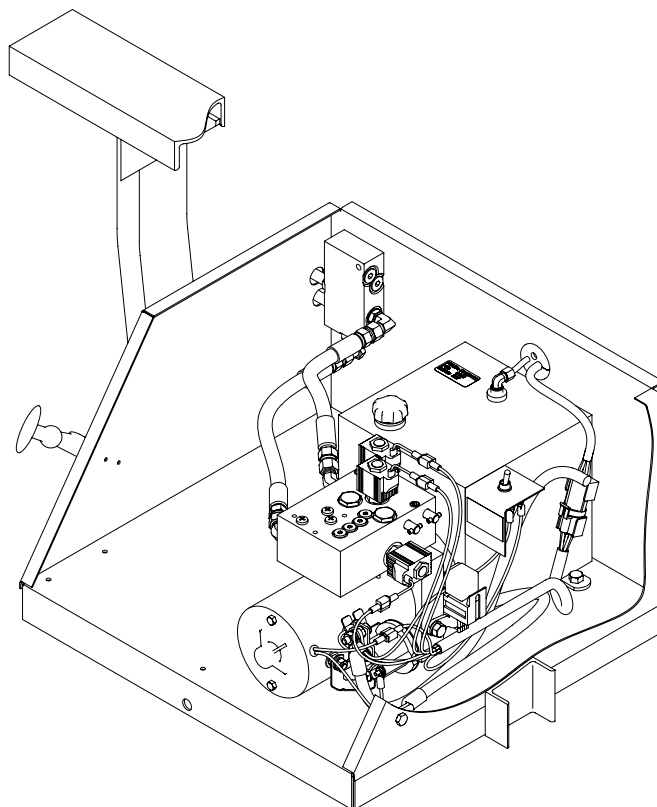
AVAILABLE NEGATIVE BATTERY CABLE ASSEMBLIES	
PART NUMBER	DESCRIPTION
10195606	Negative (Black) Battery Cable Assy, 2 Ga. X 72" Lg w/ Boot
10195608	Negative (Black) Battery Cable Assy, 2 Ga. X 96" Lg w/ Boot
10195610	Negative (Black) Battery Cable Assy, 2 Ga. X 120" Lg w/ Boot
10195612	Negative (Black) Battery Cable Assy, 2 Ga. X 144" Lg w/ Boot
10195616	Negative (Black) Battery Cable Assy, 2 Ga. X 192" Lg w/ Boot
10195620	Negative (Black) Battery Cable Assy, 2 Ga. X 240" Lg w/ Boot
10195625	Negative (Black) Battery Cable Assy, 2 Ga. X 300" Lg w/ Boot
10195630	Negative (Black) Battery Cable Assy, 2 Ga. X 360" Lg w/ Boot
10195635	Negative (Black) Battery Cable Assy, 2 Ga. X 420" Lg w/ Boot
10195636	Negative (Black) Battery Cable Assy, 2 Ga. X 432" Lg w/ Boot
10195638	Negative (Black) Battery Cable Assy, 2 Ga. X 456" Lg w/ Boot

WDL Value Line HYDRAULICS & CONTROLS

(Built from 3-08 thru 2-09)

Common Features

- Power up/Gravity down (standard)
- Power up/Power down (Special – contact Engineering for assistance)
- Cylinder closing
- All Hydraulic Fittings are JIC Flare
- Pump Enclosure mounted Cartridge type Flow Divider Valve
- Tail Lights mounted in liftgate Columns
- Push Button Controls on Curb Side



Liftgate Hydraulic and Electrical Layout

PM-748 (Built 3-08 thru 2-09)

Single Pump and Single Pump w/ Hand Pump Hydraulic and Electrical Layout

PM-749 (Built 3-08 thru 2-09)

Dual Pump Hydraulic and Electrical Layout

PM-750 (Built 3-08 thru 2-09)

Auxiliary Battery Enclosure

PM-751 (Built 3-08 thru 2-09)

Tail Lights & Wiring

PM-752 (Built 3-08 thru 2-09)

Rev. 01 8/10

[Click here for list of liftgate serial numbers, organized by approximate ship dates.](#)

LIFTGATE HYDRAULIC & ELECTRICAL LAYOUT

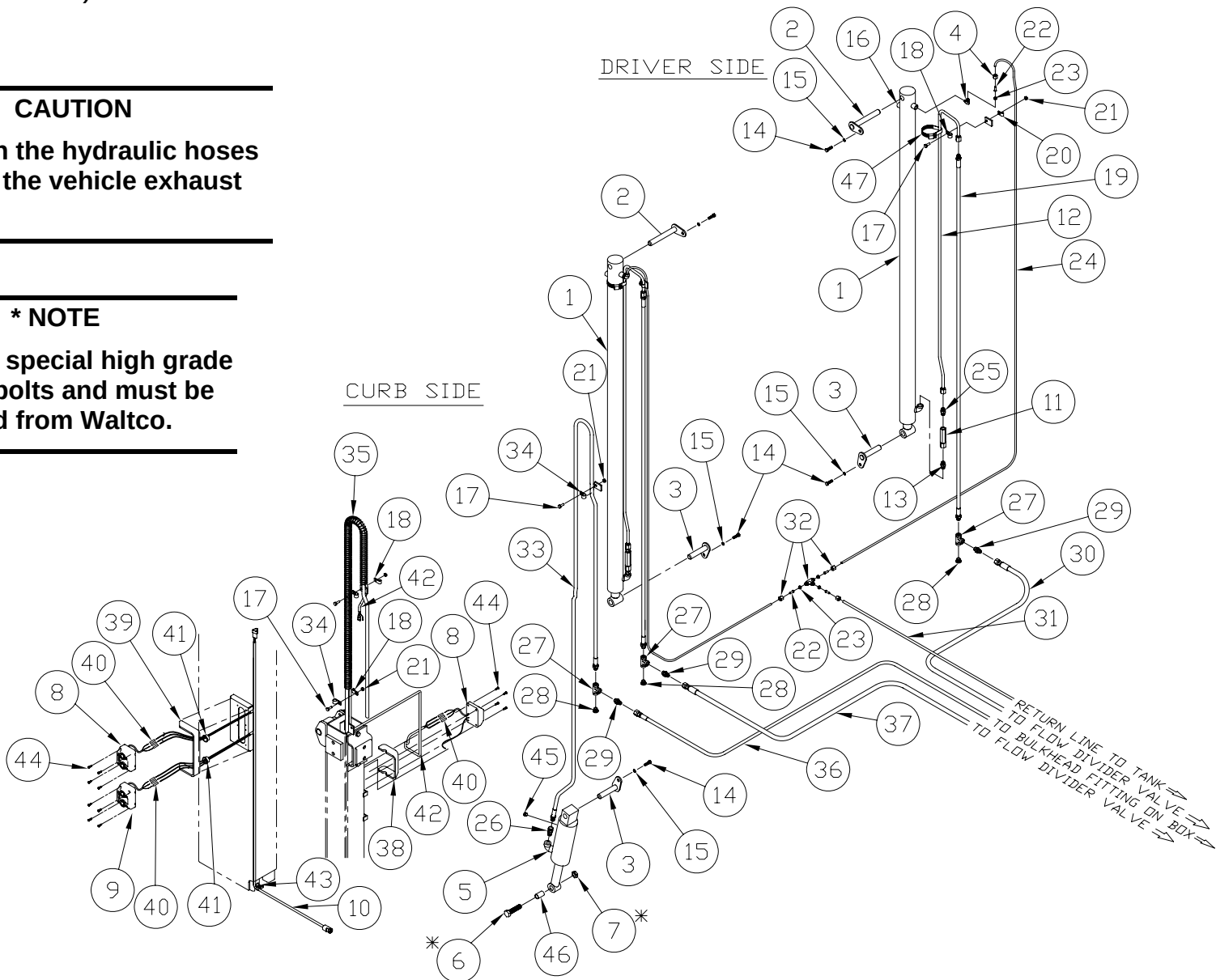
(Built 3-08 thru 2-09)

CAUTION

Do not run the hydraulic hoses in or near the vehicle exhaust system.

* NOTE

These are special high grade nuts and bolts and must be purchased from Waltco.



WALTCO LIFT CORP.
WDL, WDLBG Value Line

REVISED: 8-1-09
E.O. 6251
REV. 02

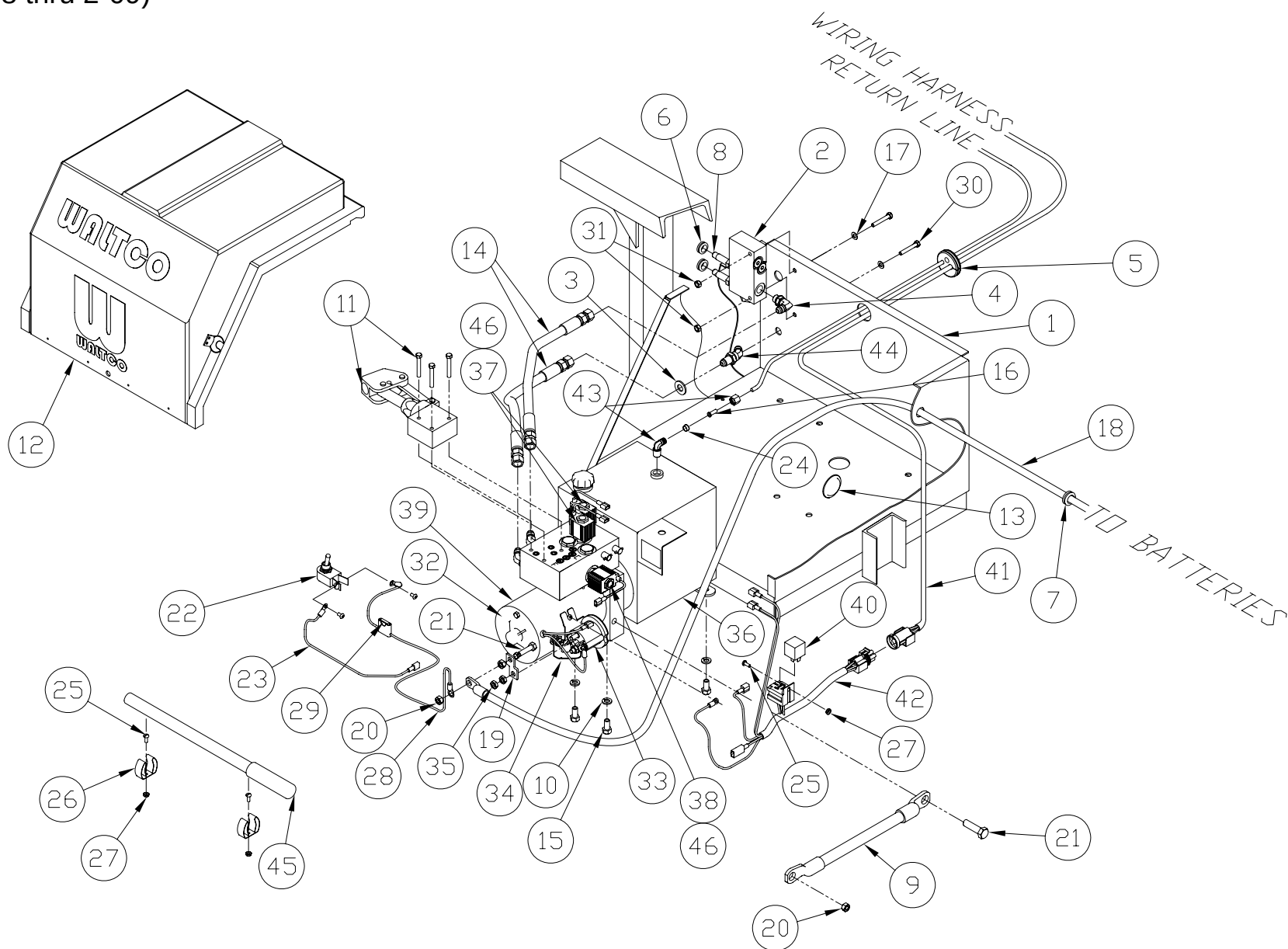
PM-748

ITEM	PART NUMBER	QTY	DESCRIPTION
1	32680051 ^A	2	Lift Cylinder
2	31470501 ^A	2	Upper Lift Cylinder Pin
3	31471501 ^{AB}	3	Cylinder Pin
4	75082877	2	1/4" NPT x 1/4" Compression 90° Elbow
5	32480012 ^B	1	Closer Cylinder
*6	75086236 ^B	1	Lower Closer Cylinder Bolt (Special 5/8"-18UNF x 2-1/2" Lg. Grade 8)
*7	75085183 ^B	1	5/8"-18 Lock Nut (Grade 8)
8	80000425	2	Raise/Lower Switch
9	80000844	1	Open/Close Switch
10	31491902	1	Control Wiring Harness
11	85803806	2	Pressure Compensated Flow Control Valve
12	31493301	2	Fluid Line Assembly
13	75082614	2	1/4" NPT x 1/4" NPT Male Pipe Nipple
14	75086055 ^{AB}	9	3/8"-16 x 3/4" Hex Head Screw
15	75088081 ^{AB}	5	3/8" Lock Washer
16	31493601	2	Bleeder Screw w/ Seal Washer
17	75086062	4	1/4"-20 x 3/4" Lg. Hex Bolt (Grade 5)
18	75082881	4	Hose Clamp Insulated 3/8" I.D.
19	75083105	2	9/16"-18 "O" Ring Male x 9/16"-18 37° Flare x 1/4" I.D. Tube x 88-7/8" Lg. Hose Assembly
20	75082879	2	Hose Clamp Insulated 1/4" I.D.
21	75085161	4	1/4"-20 Hex Locknut
22	75082874 ^A	5	Brass Insert (For Compression Fittings)
23	75082873 ^A	5	Delrin Sleeve (For Compression Fittings)
24	31493101 ^A	2	1/4" O.D. x 192" Lg. Nylon Tubing
25	85803804	2	1/4" NPT x 1/4" Tube Adapter
26	75082871	1	1/4"-18 NPT Male x 9/16" 37° Flare Female Swivel Adapter
27	75082862	3	9/16"-18 UNF SAE Straight Thread Female Tee
28	75082865	6	9/16"-18 "O" Ring Male Plug
29	75082882	3	9/16"-18 "O" Ring Male x 9/16"-18 37° Flare Male Adapter
30	75083099	1	9/16"-18 37° Flare Female x 9/16"-18 37° Flare Female x 3/8" I.D. x 135" Lg. Hose Assembly (Truck Kit only)
31	82021039	1	1/4" OD x 14 ft. Nylon Tubing (for Trucks)
	82021039	1	1/4" OD x 36 ft. Nylon Tubing(for Trailers)
32	75082876	1	1/4" Compression Tee

ITEM	PART NUMBER	QTY	DESCRIPTION
33	75083107	1	9/16"-18 37° Flare Male x 9/16"-18 "O" Ring Male x 170" Lg. Hose Assembly
34	75083044	2	Hose Clamp Insulated 1/2" I.D.
35	31493501	1	Spring Guard
36	75083103	1	9/16"-18 37° Flare Female x 9/16"-18 37° Flare Female x 1/4" I.D. x 76" Lg. Hose Assembly (Truck Kit only)
	75083104	1	9/16"-18 37° Flare Female x 9/16"-18 37° Flare Female x 1/4" I.D. x 372" Lg. Hose Assembly (Trailer Kit Only)
37	75083101	1	9/16"-18 37° Flare Female x 9/16"-18 37° Flare Female x 3/8" I.D. x 65" Lg. Hose Assembly (Truck Kit only)
	75083102	2	9/16"-18 37° Flare Female x 9/16"-18 37° Flare Female x 3/8" I.D. x 372" Lg. Hose Assembly (Trailer Kit only)
38	31436101	1	Inside Control Switch Guard
39	31423101	1	Outside Control Switch Guard
40	75082033	9	16 Ga. Butt Connector
41	31492101	2	Plastic Grommet
42	31493402	1	Cable Inside Control
43	75083041	1	Hose Clamp, 7/32" to 5/8" Dia.
44	75086860	12	#8-32 x 3/4" Lg. Self Tapping Screw
45	75089315	1	Breather
46	32481712	1	3/4" O.D. x 5/8" I.D. x 1-1/4" Lg. Bearing
47	85803469	2	3" Dia. Hose Clamp

^A Included in Lift Cylinder Replacement Kit 80000942.
^B Included in Lift Cylinder Replacement Kit 80000944.

SINGLE PUMP GRAVITY DOWN HYDRAULIC AND ELECTRICAL LAYOUT
(Built 3-08 thru 2-09)



WALTCO LIFT CORP.
WDL, WDLBG Value Line

REVISED: 8-1-09
E.O. 6251
REV. 03

PM-749

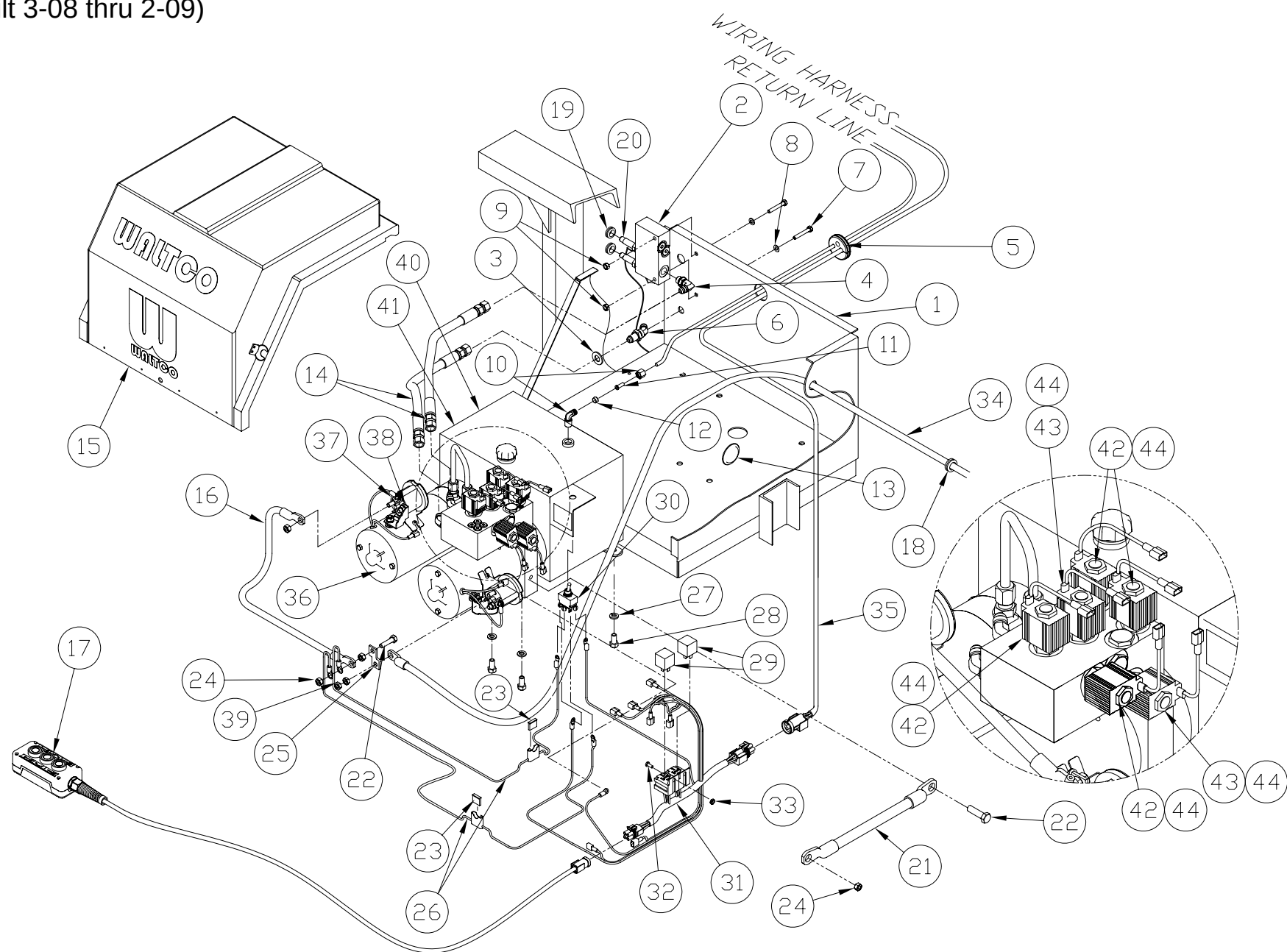
ITEM	PART NUMBER	QTY	DESCRIPTION
1	31590102	1	Hydraulic Enclosure, Base
2	70401675	1	Flow Divider Valve
3	75088056	1	Washer, ½" I.D. X 1-3/8" O.D.
4	75082869	1	90° Elbow, 9/16"-18 "O" Ring x 9/16"-18 37° Flare
5	75089309	1	Grommet, Control Harness/Return Line
6	75089308	2	Grommet, Straight Fitting
7	75089312	1	Grommet, Battery Cable
8	75082883	2	Adapter, 9/16"-18 "O" Ring x 9/16"-18 37° Flare
9	10195518	1	Ground Cable, 2 Ga. X 18" Lg.
10	75088081	4	Lock Washer, 3/8"
11	70401650	1	Hand Pump Kit (Optional)
12	31590902	1	Hydraulic Enclosure Cover
13	75089572	1	Plastic Plug, 1-3/8" Hole
14	75083094	2	Hose Assy, 3/8" ID x 18-1/2" x 9/16"-18 37° Flare Fem.
15	75086055	4	Hex Bolt, 3/8"-16 x ¾", Grade 5
16	75082874	1	Brass Insert (For Compression Adapter)
17	75088051	2	Flat Washer, ¼"
18	80000557	1	25 ft. Battery Cable Kit
	80000555		30 ft. Battery Cable Kit
	80000549		38 ft. Battery Cable Kit
19	10099500	1	Terminal Strip
20	75085003	3	Hex Nut, 5/16"-18, Serrated
21	75086007	2	Hex Bolt, 5/16"-18 x 1-1/4" lg.
22	75089807	1	Toggle switch
23	31491402	1	Wire, Switch Control
24	75082873	1	Delrin Sleeve (For Compression Adapter)
25	75086707	3	Screw, #10-32 x 5/8" lg.
26	85803482	2	Holder, Spring Clip (Hand Pump Option Only)
27	75085000	3	Hex Nut, #10-32, Serrated
28	31491501	1	Wire, Switch Control
29	75089851	1	Fuse, 10 Amp
30	75086011	2	Hex Bolt, ¼"-20 x 2" lg.
31	75085161	2	Nylon Locknut, ¼"-20
32	7043002-1 ^A	1	Motor
33	75089833 ^A	1	Starter Solenoid
34	75089834 ^A	1	Bus Bar
35	75085020	1	Hex jam nut, 5/16"-24.
36	70401501	1	Reservoir
37	70092503	2	Solenoid Valve, 2 way, 2 pos, w/ Coil
38	70092501	1	Solenoid Valve, 3 way, 2 pos, w/ Coil

ITEM	PART NUMBER	QTY	DESCRIPTION
39	70402085	1	Hydraulic Pump Unit – Single Pump
40	85803921	1	Relay
41	31491902	1	Liftgate Wiring Harness
	31494601		Long Trailer Extension Harness
	31494602		Short Trailer Extension Harness
42	31491803	1	Motor Wiring Harness
43	75082877	1	Elbow, 90°, ¼" NPT x ¼" Compression
44	75082867	1	45° Bulkhead Elbow, 9/16"-18 37° Flare Male
45	70401651	1	Hand Pump Handle (included with Hand Pump Kit)
46	70402303	3	Coil, 10V, 25W

PUMP AND ENCLOSURE ASSEMBLIES COMPLETE	
PART No.	DESCRIPTION
31496504	Single Pump Gravity Down & Enclosure

^A Included in Motor/Solenoid Assembly 70400858

DUAL PUMP GRAVITY DOWN HYDRAULIC AND ELECTRICAL LAYOUT
(Built 3-08 thru 2-09)



WALTCO LIFT CORP.
WDL, WDLBG Value Line

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E.O. 6251
REV. 03

PM-750

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31590102	1	Hydraulic Enclosure Base
2	70401675	1	Flow Divider Valve
3	75088056	1	Washer, 1/2" I.D. X 1-3/8" O.D.
4	75082869	1	90° Elbow, 9/16"-18 "O" Ring x 9/16"-18 37° Flare
5	75089309	1	Grommet, Return Line/Control Harness
6	75082867	1	45° Bulkhead Elbow, 9/16"-18 37° Flare Male
7	75086011	2	Hex Bolt, 1/4"-20 x 2" lg.
8	75088051	2	Flat Washer, 1/4"
9	75085161	2	Nylon Locknut, 1/4"-20
10	75082877	1	Elbow, 90°, 1/4" NPT x 1/4" Compression
11	75082874	1	Brass Insert (For Compression Adapter)
12	75082873	1	Delrin Sleeve (For Compression Adapter)
13	75089572	1	Plastic Plug, 1-3/8" Hole
14	75083094	2	Hose Assy, 3/8" ID x 18-1/2" x 9/16"-18 37° Flare Fem.
15	31590902	1	Hydraulic Enclosure Cover
16	10195524	1	Battery Cable Assy, 24"
17	31499001	1	Auxiliary Push Button Control
18	75089312	1	Grommet, Battery Cable
19	75089308	2	Grommet, Straight Fittings
20	75082883	2	Adapter, 9/16"-18 "O" Ring x 9/16"-18 37° Flare
21	10195518	1	Ground Cable, 2 Ga. X 18" Lg.
22	75086007	2	Hex Bolt, 5/16"-18 x 1-1/4" lg.
23	75089853	2	Fuse, 5 Amp
24	75085003	3	Hex Nut, 5/16"-18, Serrated
25	10099500	1	Terminal Strip
26	31491501	2	Wire, Key Switch Control
27	75088081	4	Lock Washer, 3/8"
28	75086055	4	Hex Bolt, 3/8"-16 x 3/4", Grade 5
29	85803921	2	Relay
30	75089832	1	Toggle Switch
31	31491601	1	Motor Wiring Harness
32	75086707	1	Screw, #10-32 x 5/8" lg.
33	75085000	1	Hex Nut, #10-32, Serrated

ITEM	PART NUMBER	QTY	DESCRIPTION
34	80000557	1	25 ft. Battery Cable Kit
	80000555		30 ft. Battery Cable Kit
	80000549		38 ft. Battery Cable Kit
35	31491902	1	Liftgate Wiring Harness
	31494601		Long Trailer Extension Harness
	31494602		Short Trailer Extension Harness
36	7043002-1 ^A	2	Motor
37	75089833 ^A	2	Starter Solenoid
38	75089834 ^A	2	Bus Bar
39	75085020	1	Hex jam nut, 5/16"-24
40	70401501	1	Reservoir
41	70402200	1	Hydraulic Pump Unit – Dual Pump
42	70092503	4	Solenoid Valve, 2 way, 2 pos, w/ Coil
43	70092501	2	Solenoid Valve, 3 way, 2 pos, w/ Coil
44	70402303	6	Coil, 10V, 25W

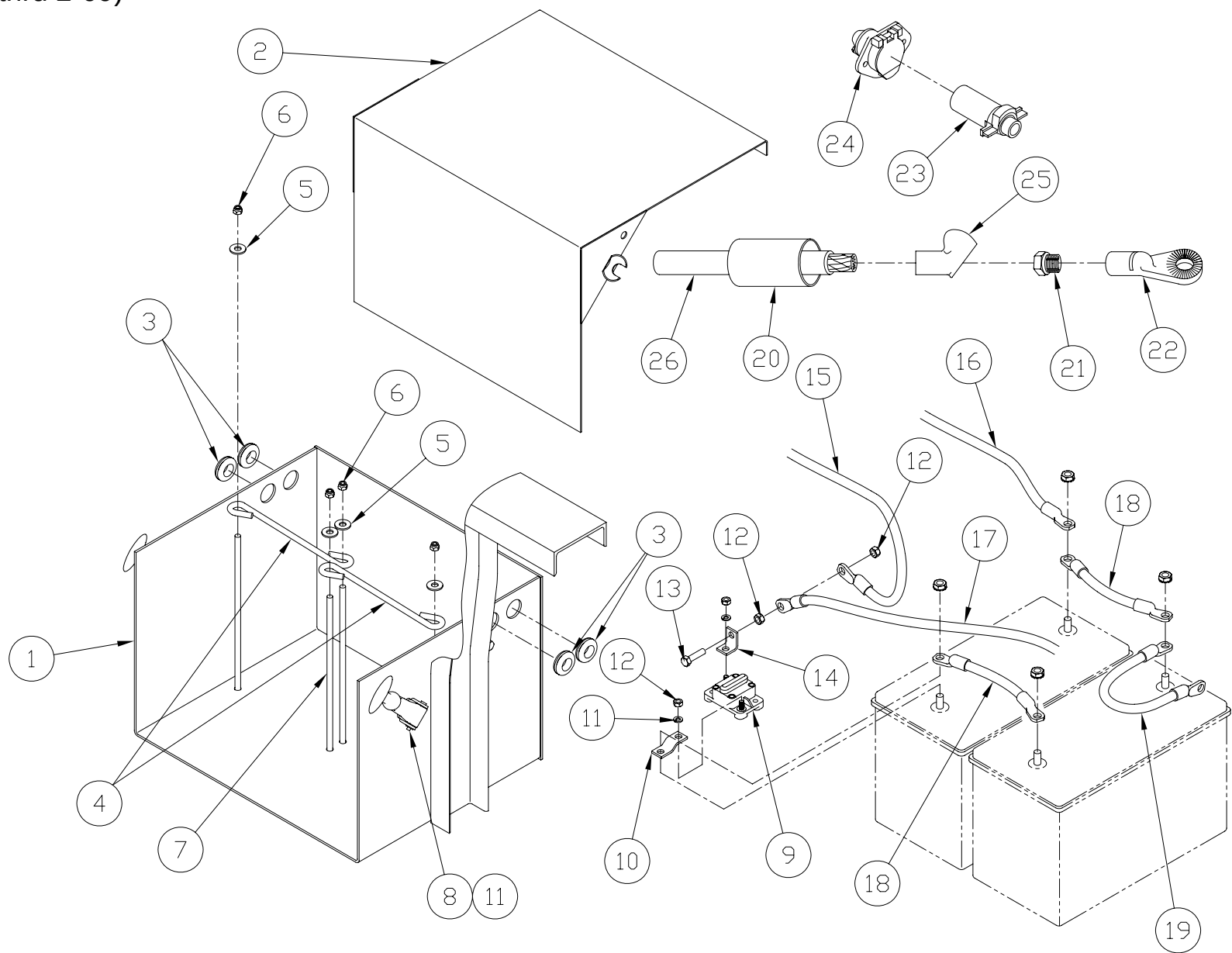
PUMP AND ENCLOSURE ASSEMBLIES COMPLETE	
PART NUMBER	DESCRIPTION

^A Included in Motor/Solenoid Assembly 70400858

31498504	Dual Pump Gravity Down & Enclosure
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AUXILIARY BATTERY ENCLOSURE PARTS (OPTIONAL ON ALL PUMPS)

(Built 3-08 thru 2-09)



WALTCO LIFT CORP.
WDL, WDLBG Value Line

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E.O. 6011B
REV. 01

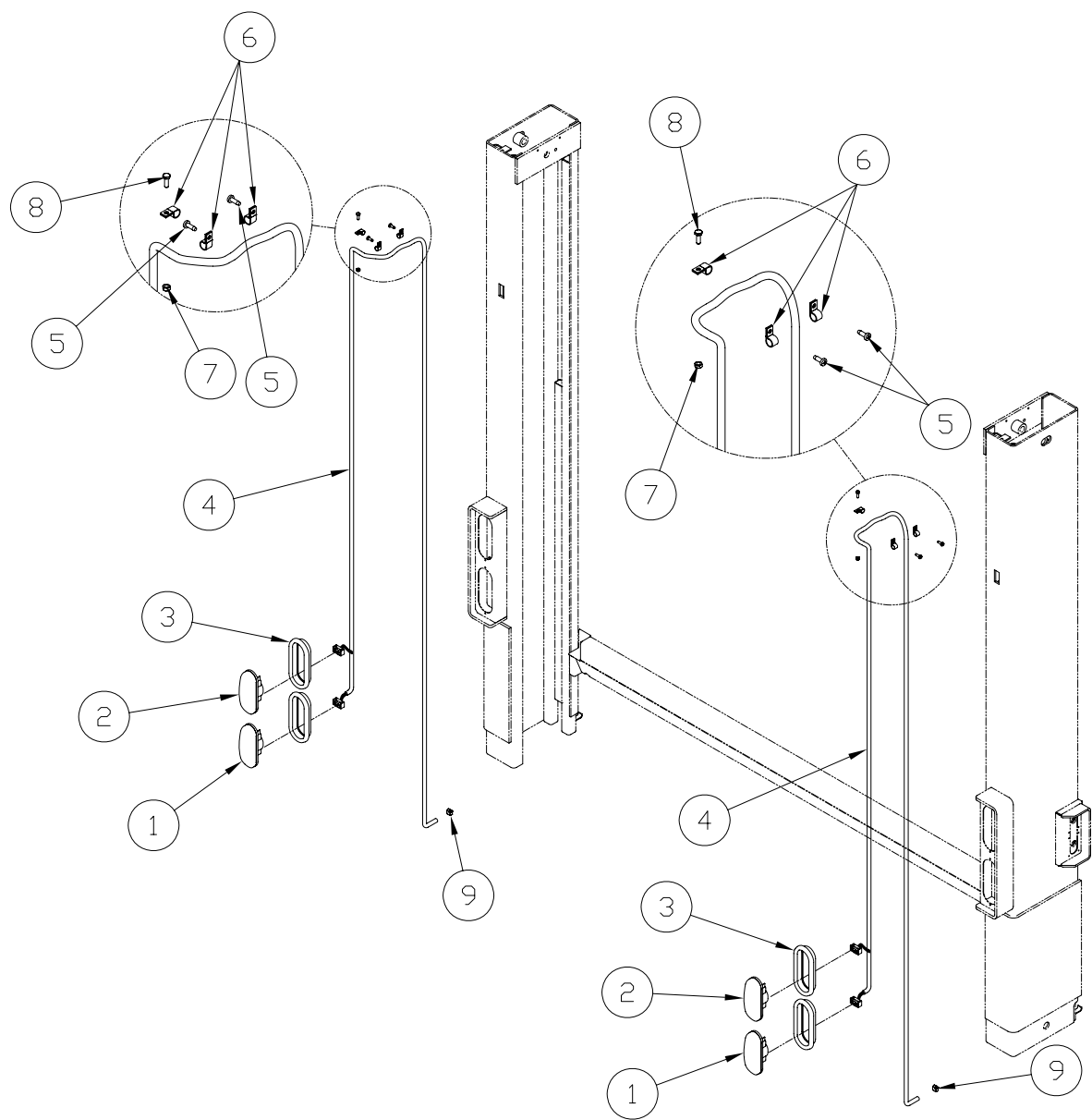
PM-751

ITEM	PART NUMBER	QTY	DESCRIPTION
1	31592001	1	Battery Box Sub-Assembly
2	10291503	1	Battery Cover
3	75089321	3	3/4" ID Grommet
4	10291403	2	Battery Holder
5	75088052	4	5/16" x 7/8" OD x .083" Thick Steel Washer
6	75085177	4	5/16"-18 Lock Nut
7	10291804	2	Threaded Battery Retainer Bar
8	75089744	4	Rubber Draw Latch
9	75089243	1	150 Amp Circuit Breaker
10	10099500	1	Terminal Link
11	75089436	8	5/32" Aluminum Rivet
12	75085003	2	5/16-18 Serrated Hex Nut
13	75086217	1	5/16-18 x 1-1/4" Long Hex Bolt
14	10099501	1	90 Degree Terminal Link
15	10195836	1	36" Long Positive Cable Assembly
16	10195536	1	36" Long Battery Cable Assembly
17	See Table Below		Positive Battery Cable Assembly
18	10195508	2	8" Battery Cable Assembly
19	See Table Below		Negative Battery Cable Assembly
20	75088036	N/A	Black Heat Shrink Tube
	75088038	N/A	Red Heat Shrink Tube
21	75080041	N/A	2 GA Compression Type Nut
	75080042	N/A	0 GA Compression Type Nut
22	75080040	N/A	Compression Terminal w/ 3/8" Hole
24	75080006	1	Plug (Single Pole)
	75080005	1	Socket (Single Pole)
	75092001	1	Socket (Dual Pole)
25	75089328	N/A	Rubber Boot
26	75089031	N/A	0 GA Battery Cable
	75089033	N/A	2 GA Battery Cable

AVAILABLE POSITIVE BATTERY CABLE ASSEMBLIES	
PART NUMBER	DESCRIPTION
10195810	Positive (Red) Battery Cable Assy, 2 Ga. X 120" Lg
10195824	Positive (Red) Battery Cable Assy, 2 Ga. X 24" Lg
10195836	Positive (Red) Battery Cable Assy, 2 Ga. X 36" Lg w/ Boot
10195887	Positive (Red) Battery Cable Assy, 2 Ga. X 87" Lg w/ Boot

AVAILABLE NEGATIVE BATTERY CABLE ASSEMBLIES	
PART NUMBER	DESCRIPTION
10195606	Negative (Black) Battery Cable Assy, 2 Ga. X 72" Lg w/ Boot
10195608	Negative (Black) Battery Cable Assy, 2 Ga. X 96" Lg w/ Boot
10195610	Negative (Black) Battery Cable Assy, 2 Ga. X 120" Lg w/ Boot
10195612	Negative (Black) Battery Cable Assy, 2 Ga. X 144" Lg w/ Boot
10195616	Negative (Black) Battery Cable Assy, 2 Ga. X 192" Lg w/ Boot
10195620	Negative (Black) Battery Cable Assy, 2 Ga. X 240" Lg w/ Boot
10195625	Negative (Black) Battery Cable Assy, 2 Ga. X 300" Lg w/ Boot
10195630	Negative (Black) Battery Cable Assy, 2 Ga. X 360" Lg w/ Boot
10195635	Negative (Black) Battery Cable Assy, 2 Ga. X 420" Lg w/ Boot
10195636	Negative (Black) Battery Cable Assy, 2 Ga. X 432" Lg w/ Boot
10195638	Negative (Black) Battery Cable Assy, 2 Ga. X 456" Lg w/ Boot

TAIL LIGHTS & WIRING
(Built 3-08 thru 2-09)



WALTCO LIFT CORP.
WDL, WDLBG Value Line

REVISED: 4-4-08
E.O. 6011B
REV. 01

PM-752

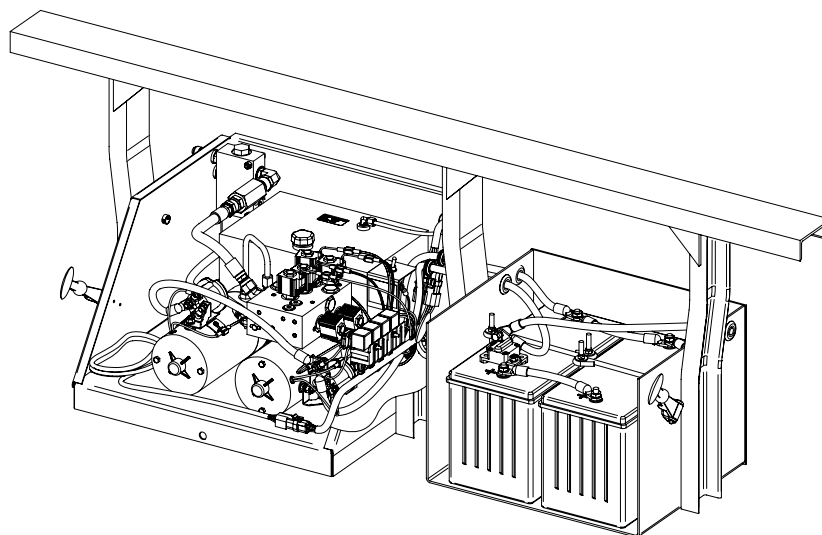
ITEM	PART NUMBER	QTY	DESCRIPTION
1	75089428	2	Red LED Tail Light
2	75089374	2	White Back Up Light (Trucks)
	75089428	2	Red LED Tail Light (Trailers)
3	75089376	4	Light Grommet
4	31791500	2	Light Harness
5	85803982	4	1/4"-20 Self Tapping Screw
6	75083044	6	1/2" Hose Clamp
7	75085161	2	1/4"-20 Locknut
8	75086062	2	1/4"-20 x 3/4" Hex Bolt
9	85803469	2	Hose Clamp (Worm Screw Type)

WDL (2009) HYDRAULICS & CONTROLS

(Built from 1-09 thru 4-09)

Common Features

- Power up/Gravity down (standard)
- Power up/Power down (standard option)
- Cylinder closing
- All Hydraulic Fittings are JIC Flare
- Pump Enclosure mounted Cartridge type Flow Divider Valve
- Tail Lights mounted in liftgate Columns
- Push Button Controls on Curb Side



Liftgate Hydraulic and Electrical Layout

PM-769 (Built 1-09 thru 4-09)

Single Pump and Single Pump w/ Hand Pump Hydraulic and Electrical Layout

PM-772 (Built 1-09 thru 4-09)

Single Pump Power Down Hydraulic and Electrical Layout

PM-773 (Built 1-09 thru 4-09)

Dual Pump Hydraulic and Electrical Layout

PM-774 (Built 1-09 thru 4-09)

Dual Pump Power Down Hydraulic and Electrical Layout

PM-775 (Built 1-09 thru 4-09)

Auxiliary Battery Enclosure

PM-771 (Built 1-09 thru 4-09)

Tail Lights & Wiring

PM-770 (Built 1-09 thru 4-09)

Rev. 01 8/10

[Click here for list of liftgate serial numbers, organized by approximate ship dates.](#)

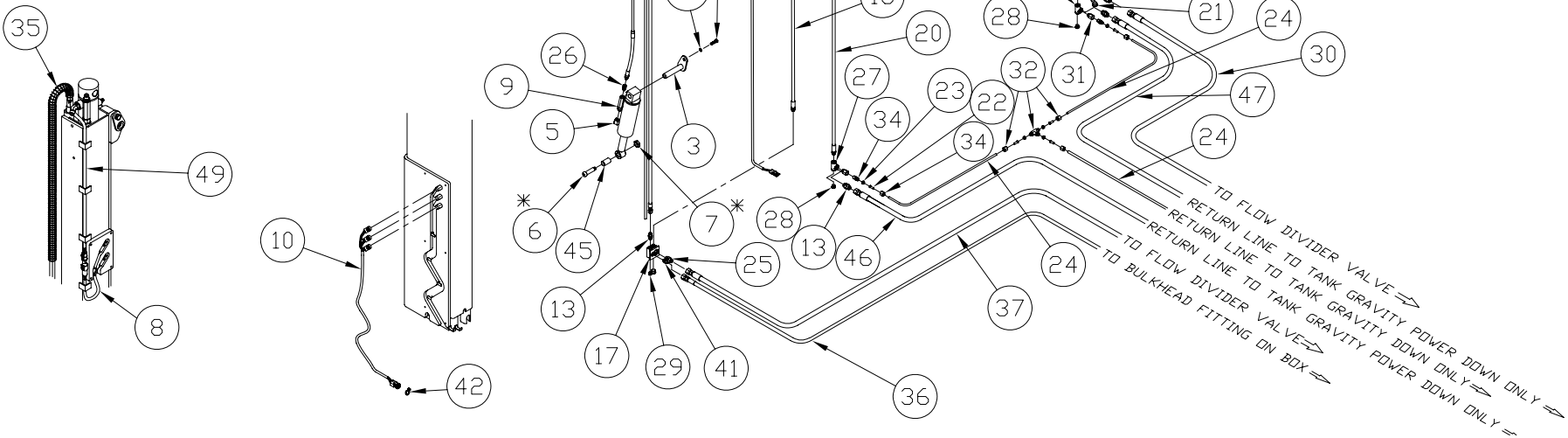
LIFTGATE HYDRAULIC & ELECTRICAL LAYOUT
(Built 1-09 thru 4-09)

CAUTION

Do not run the hydraulic hoses in or near the vehicle exhaust system.

* NOTE

These are special high grade nuts and bolts and must be purchased from Waltco.



WALTCO LIFT CORP.
WDL, WDLBG (2009)

REVISED: 8-1-09
E.O. 6251
REV. 03

PM-769

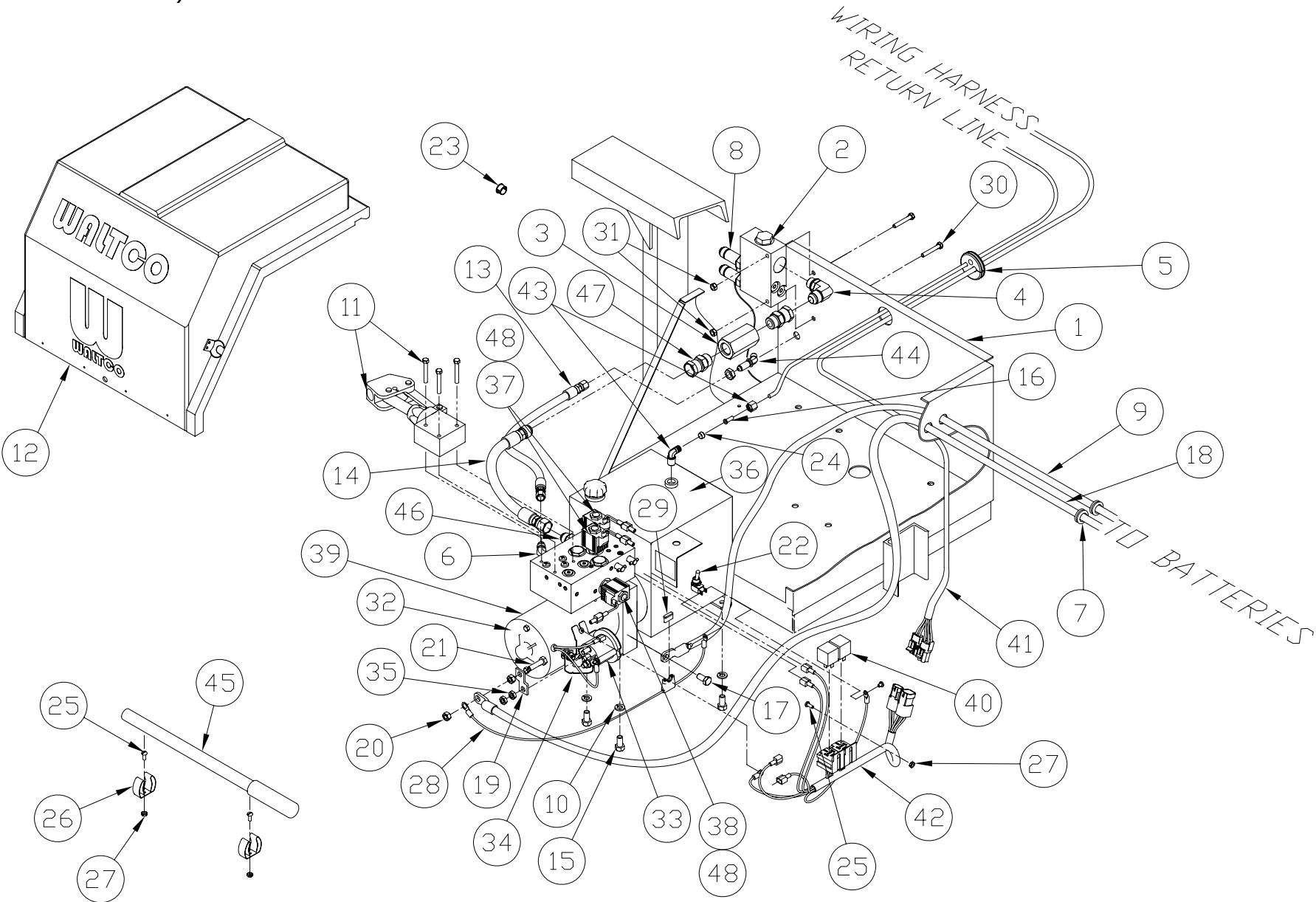
ITEM	PART NUMBER	QTY	DESCRIPTION
1	40480050 ^A	2	Lift Cylinder
2	31470501 ^A	2	Upper Lift Cylinder Pin
3	31471501 ^{AB}	3	Cylinder Pin
4	75082866	2	Elbow, 45°, 9/16"-18 "O" Ring Male x 9/16"-18 37° Flare Male
5	1000800-2 ^B	1	Closer Cylinder
*6	75086236 ^B	1	Lower Closer Cylinder Bolt (Special 5/8"-18UNF x 2-1/2" Lg. Grade 8)
*7	75085183 ^B	1	5/8"-18 Lock Nut (Grade 8)
8	40493400	2	Raise/Lower Switch, Inside
9	7010001-5	1	Pressure Compensated Flow Control Valve
10	40493300	1	Control Wiring Harness, Outside
11	7010001-6	2	Pressure Compensated Flow Control Valve
12	40494200	2	Fluid Line Assembly
13	75082882	5	Adapter, 9/16"-18 "O" Ring Male x 9/16"-18 37° Flare Male
14	75086055 ^{AB}	5	3/8"-16 x 3/4" Hex Head Screw
15	75088081 ^{AB}	5	3/8" Lock Washer
16	31493601	2	Bleeder Screw w/ Seal Washer
17	40460100	2	Manifold Block
18	7500078-2	1	9/16"-18 "O" Ring Male x 9/16"-18 37° Flare Female x 1/4" I.D. Tube x 102" Lg. Hose Assembly
19	7500088-1	1	9/16"-18 "O" Ring Male x 9/16"-18 37° Flare Male x 1/4" I.D. Tube x 92-7/8" Lg. Hose Assembly
20	7500078-1	2	9/16"-18 "O" Ring Male x 9/16"-18 37° Flare Female x 1/4" I.D. Tube x 92-3/8" Lg. Hose Assembly
21	7500075-3	2	3/4"-16 "O" Ring Male Plug
22	75082874	5	Brass Insert (For Compression Fittings) gravity down only
23	75082873	5	Delrin Sleeve (For Compression Fittings) gravity down only
24	82021039	40ft	1/4" O.D. Nylon Tubing (gravity down only)
25	7500079-2	2	Adapter, 3/4"-16 "O" Ring Male x 3/4"-16 37° Flare Male
26	7500080-1	1	Adapter, 9/16"-18 "O" Ring Male x 9/16"-18 37° Flare Female Swivel
27	75082862	2	9/16"-18 UNF SAE Straight Thread Female Tee
28	75082865	2	9/16"-18 "O" Ring Male Plug
29	7500075-2	1	7/16"-20 "O" Ring Male Plug
30	7500077-7	1	3/4"-16 37° Flare Female x 3/4"-16 37° Flare Female x 3/8" I.D. x 135" Lg. Hose Assembly (Truck Kit only)
31	7500092-1	2	Adapter, 9/16"-18 "O" Ring Male x 1/4" NPT Female
32	75082876	1	1/4" Compression Tee
33	40493700	1	Lock Valve Wiring Harness
34	75082878	2	Adapter, 1/4" NPT Male x 1/4" Compression (gravity down only)
35	40494400	1	Guard Spring

ITEM	PART NUMBER	QTY	DESCRIPTION
36	7500077-1	1	7/16"-20 37° Flare Female x 7/16"-20 37° Flare Female x 1/4" I.D. x 76" Lg. Hose Assembly (Truck Kit only)
	7500077-2	1	7/16"-20 37° Flare Female x 7/16"-20 37° Flare Female x 1/4" I.D. x 216" Lg. Hose Assembly (Short Trailer Kit only)
	7500077-3	1	7/16"-20 37° Flare Female x 7/16"-20 37° Flare Female x 1/4" I.D. x 372" Lg. Hose Assembly (Long Trailer Kit only)
37	7500077-4	1	3/4"-16 37° Flare Female x 3/4"-16 37° Flare Female x 3/8" I.D. x 76" Lg. Hose Assembly (Truck Kit only)
	7500077-5	2	3/4"-16 37° Flare Female x 3/4"-16 37° Flare Female x 3/8" I.D. x 216" Lg. Hose Assembly (Short Trailer Kit only)
	7500077-6	2	3/4"-16 37° Flare Female x 3/4"-16 37° Flare Female x 3/8" I.D. x 372" Lg. Hose Assembly (Long Trailer Kit only)
38	75082869	2	Elbow, 90°, 9/16"-18 "O" Ring Male x 9/16"-18 37° Flare Male
39	70091741	1	Hydraulic Lock Valve
40	75082045	1	Clevis, Lock Valve
41	7500079-1	1	Adapter, 7/16"-20 "O" Ring Male x 7/16"-20 37° Flare Male
42	75089300	2	Zip Tie
43	75086874	1	1/4"-20 x 5/8" Lg. Self Tapping Screw
44	40493100	1	Lower Closer Hybrid Hose Assembly
45	32481712	1	3/4" O.D. x 5/8" I.D. x 1-1/4" Lg. Bearing
46	75083101	1	Hose Assy, .375 x 9/16-18 Fem x 9/16-18 Fem x 65 lg. (Truck Kit Power Down only)
	75083115	2	Hose Assy, .375 x 9/16-18 Fem x 9/16-18 Fem x 216 lg. (Power Down Short Trailer Kit only).
	75083102	2	Hose Assy, .375 x 9/16-18 Fem x 9/16-18 Fem x 372 lg. (Power Down Long Trailer Kit only).
47	75083099	1	Hose Assy, .375 x 9/16-18 Fem x 9/16-18 Fem x 135 lg. (Truck Kit Power Down Only)
48	40493200	1	Hybrid Hose/Hardline Assembly
49	40493500	1	Inside Switch cable Assembly

^A Included in Lift Cylinder Replacement Kit 80001242.
^B Included in Closer Cylinder Replacement Kit 80001243.

SINGLE PUMP GRAVITY DOWN HYDRAULIC AND ELECTRICAL LAYOUT

(Built 1-09 thru 4-09)



WALTco LIFT CORP.
WDL, WDLBG (2009)

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E.O. 6251
REV. 02

PM-772

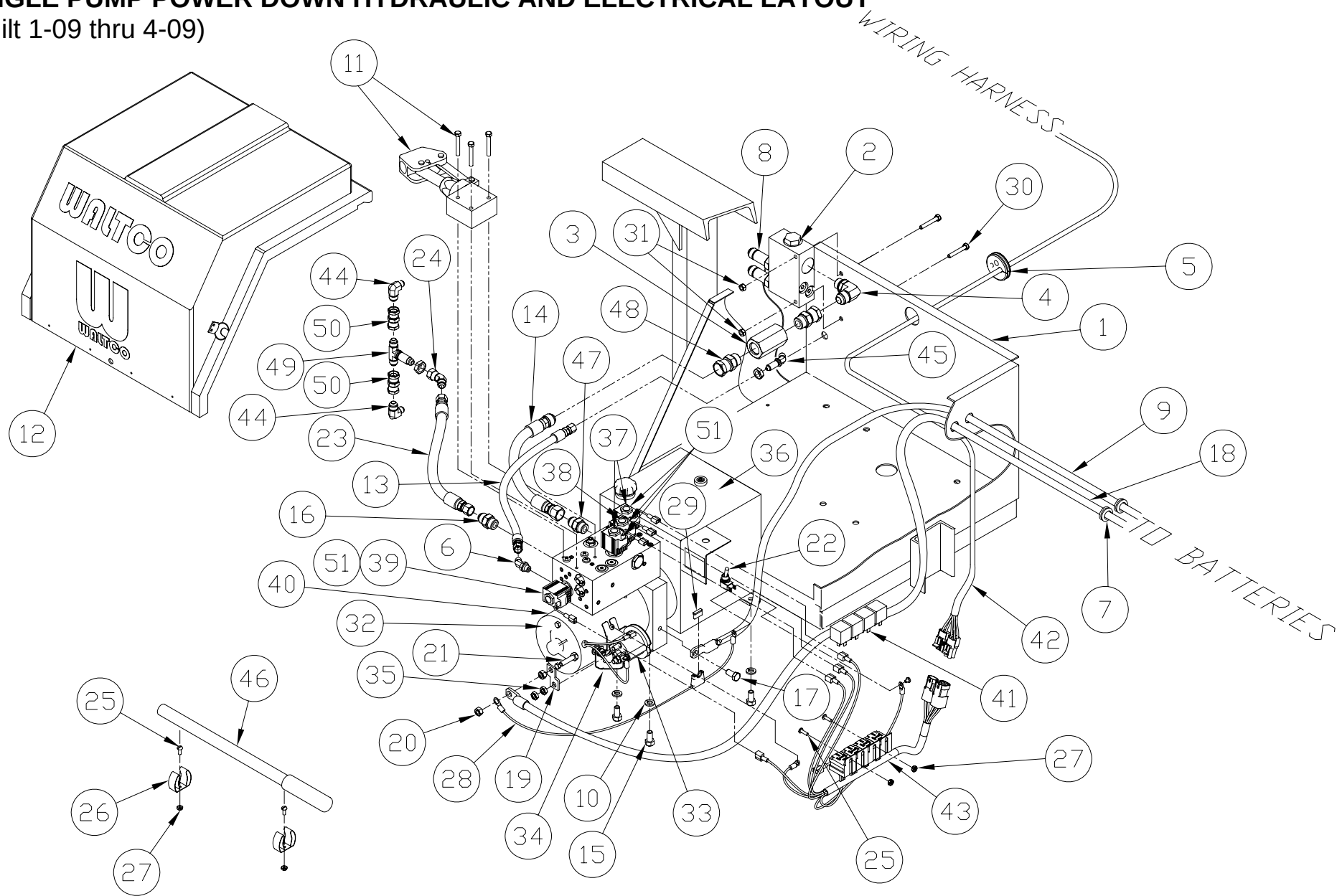
ITEM	PART NUMBER	QTY	DESCRIPTION
1	40491000-1	1	Hydraulic Enclosure, Base
	40491000-2		Hydraulic Enclosure, Base with Battery Box
2	70401685	1	Flow Divider Valve
3	70110100	1	Filter
4	75082892	1	90° Elbow, ¾"-16 "O" Ring Male x 7/8"-14 37° Flare Male
5	75089309	1	Grommet, Control Harness/Return Line
6	7500093-1	1	Elbow, 45°, 7/16"-20 "O" Ring Male x 7/16"-20 37° Flare Male
7	75089313	2	Grommet, Battery Cable
8	7500090-1	2	Adapter, Long, ¾"-16 "O" Ring Male x ¾"-16 37° Flare Male
9	10195536	1	Ground Cable, 2 Ga. X 36" Lg.
10	75088081	4	Lock Washer, 3/8"
11	70401650	1	Hand Pump Kit (Optional)
12	31590902	1	Hydraulic Enclosure Cover
13	7500077-8	1	7/16"-20 37° Flare Female x 7/16"-20 37° Flare Female x ¼" ID Tube x 19-1/4" Lg. Hose Assembly
14	7500089-1	1	7/8"-14 37° Flare Male x ¾"-16 37° Flare Female x 3/8" ID Tube x 12" Lg. Hose Assembly
15	75086055	4	Hex Bolt, 3/8"-16 x ¾", Grade 5
16	75082874	1	Brass Insert (For Compression Adapter)
17	75086036	1	Hex Bolt, 5/16"-18 x 1" Lg.
18	10195836	1	Positive Cable, 2 Ga. X 36" Lg.
19	10099500	1	Terminal Strip
20	75085003	2	Hex Nut, 5/16"-18, Serrated
21	75086217	1	Hex Bolt, 5/16"-18 x 1-1/4" Lg.
22	75089807	1	Toggle switch
23	75089571	1	Plug, 3/4" Hole
24	75082873	1	Delrin Sleeve (For Compression Adapter)
25	75086707	3	Screw, #10-32 x 5/8" Lg.
26	85803482	2	Holder, Spring Clip (Hand Pump Option Only)
27	75085000	3	Hex Nut, #10-32, Serrated
28	31491501	1	Wire, Switch Control
29	75089851	1	Fuse, 10 Amp
30	75086011	2	Hex Bolt, ¼"-20 x 2" Lg.
31	75085161	2	Nylon Locknut, ¼"-20
32	7043002-1 ^A	1	Motor
33	75089833 ^A	1	Starter Solenoid
34	75089834 ^A	1	Bus Bar
35	75085020	1	Hex jam nut, 5/16"-24.
36	70401501	1	Reservoir

ITEM	PART NUMBER	QTY	DESCRIPTION
37	70092503	2	Solenoid Valve, 2 way, 2 pos, w/ Coil
38	70092501	1	Solenoid Valve, 3 way, 2 pos, w/ Coil
39	70430450	1	Hydraulic Pump Unit – Single Pump
40	85803921	2	Relay
41	40493600-1	1	Truck Extension Harness
	40493600-2		Short Trailer Extension Harness
	40493600-3		Long Trailer Extension Harness
42	40491801	1	Motor Wiring Harness
43	75082877	1	Elbow, 90°, ¼" NPT x ¼" Compression
44	75083354	1	Elbow, 45°, Bulkhead, 7/16"-20 37° Flare Male
45	70401651	1	Hand Pump Handle (included with Hand Pump Kit)
46	7500079-2	1	Adapter, ¾"-16 "O" Ring Male x ¾"-16 37° Flare Male
47	7500080-2	2	Adapter, 7/8"-14 "O" Ring Male x 7/8"-14 37° Flare Female
48	70402303	3	Coil, 10V, 25W

PUMP AND ENCLOSURE ASSEMBLIES COMPLETE	
PART No.	DESCRIPTION
40491010	Single Pump Gravity Down & Enclosure
40491011	Single Pump Gravity Down & Enclosure with Battery Box

^A Included in Motor/Solenoid Assembly 70400858

SINGLE PUMP POWER DOWN HYDRAULIC AND ELECTRICAL LAYOUT
(Built 1-09 thru 4-09)



WALCO LIFT CORP.
WDL, WDLBG (2009)

REVISED: 8-1-09
E.O. 6251
REV. 03

PM-773

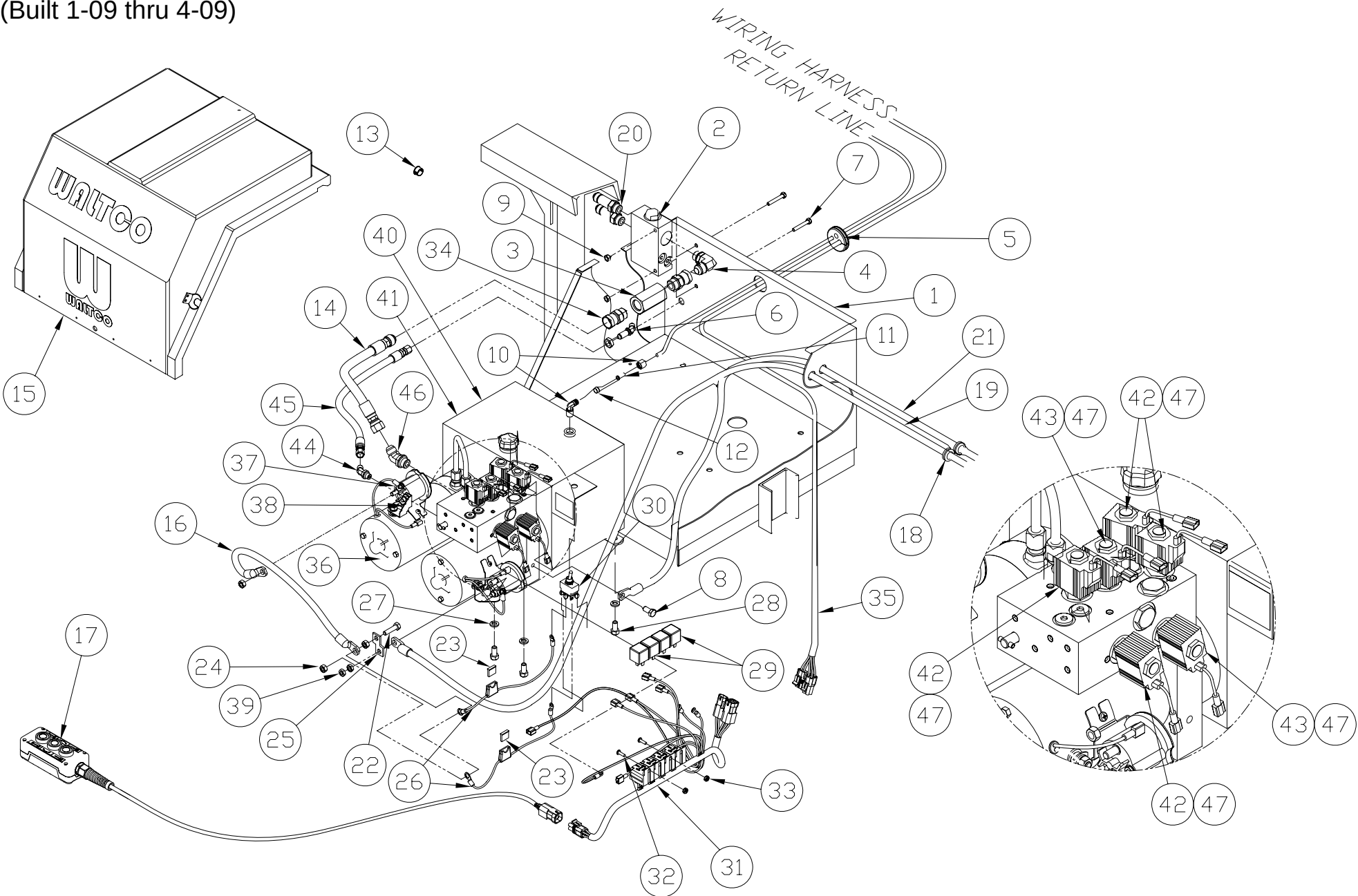
ITEM	PART NUMBER	QTY	DESCRIPTION
1	40491000-1	1	Hydraulic Enclosure, Base
	40491000-2		Hydraulic Enclosure, Base with Battery Box
2	70401685	1	Flow Divider Valve
3	70110100	1	Filter
4	75082892	1	90° Elbow, 3/4"-16 "O" Ring Male x 7/8"-14 37° Flare Male
5	75089309	1	Grommet, Control Harness/Return Line
6	7500093-1	1	Elbow, 45°, 7/16"-20 "O" Ring Male x 7/16"-20 37° Flare Male
7	75089313	2	Grommet, Battery Cable
8	7500090-1	2	Adapter, Long, 3/4"-16 "O" Ring Male x 3/4"-16 37° Flare Male
9	10195536	1	Ground Cable, 2 Ga. X 36" Lg.
10	75088081	4	Lock Washer, 3/8"
11	70401650	1	Hand Pump Kit (Optional)
12	31590902	1	Hydraulic Enclosure Cover
13	7500077-8	1	7/16"-20 37° Flare Female x 7/16"-20 37° Flare Female x 1/4" ID Tube x 19-1/4" Lg. Hose Assembly
14	7500089-1	1	7/8"-14 37° Flare Male x 3/4"-16 37° Flare Female x 3/8" ID Tube x 12" Lg. Hose Assembly
15	75086055	4	Hex Bolt, 3/8"-16 x 3/4", Grade 5
16	7500079-2	1	Adapter, 3/4"-16 "O" Ring Male x 3/4"-16 37° Flare Male
17	75086036	1	Hex Bolt, 5/16"-18 x 1" Lg.
18	10195836	1	Positive Cable, 2 Ga. X 36" Lg.
19	10099500	1	Terminal Strip
20	75085003	2	Hex Nut, 5/16"-18, Serrated
21	75086217	1	Hex Bolt, 5/16"-18 x 1-1/4" lg.
22	75089807	1	Toggle switch
23	7500077-10	1	3/4"-16 37° Flare Female x 3/4"-16 37° Flare Female x 1/2" ID Tube x 13" Lg. Hose Assembly
24	7500095-2	1	Elbow, 45°, 3/4"-16 37° Flare Male x 3/4"-16 37° Flare Female
25	75086707	4	Screw, #10-32 x 5/8" lg.
26	85803482	2	Holder, Spring Clip (Hand Pump Option Only)
27	75085000	4	Hex Nut, #10-32, Serrated
28	31491501	1	Wire, Switch Control
29	75089851	1	Fuse, 10 Amp
30	75086011	2	Hex Bolt, 1/4"-20 x 2" lg.
31	75085161	2	Nylon Locknut, 1/4"-20
32	7043002-1 ^	1	Motor

ITEM	PART NUMBER	QTY	DESCRIPTION
33	75089833 ^	1	Starter Solenoid
34	75089834 ^	1	Bus Bar
35	75085020	1	Hex jam nut, 5/16"-24.
36	70401501	1	Reservoir
37	70092503	2	Solenoid Valve, 2 way, 2 pos, w/ Coil
38	70092501	1	Solenoid Valve, 3 way, 2 pos, w/ Coil
39	70400014	1	Solenoid Valve, 4 way, 2 pos, w/ Coil
40	70430470	1	Hydraulic Pump Unit – Single Pump
41	85803921	4	Relay
42	40493600-1	1	Truck Extension Harness
	40493600-2		Short Trailer Extension Harness
	40493600-3		Long Trailer Extension Harness
43	40491803	1	Motor Wiring Harness
44	75088267	2	Elbow, 90°, 3/4"-16 37° Flare Male x 9/16"-18 37° Flare Male
45	75083354	1	Elbow, 45°, Bulkhead, 7/16"-20 37° Flare Male
46	70401651	1	Hand Pump Handle (included with Hand Pump Kit)
47	7500079-2	1	Adapter, 3/4"-16 "O" Ring Male x 3/4"-16 37° Flare Male
48	7500080-2	2	Adapter, 7/8"-14 "O" Ring Male x 7/8"-14 37° Flare Female
49	75083118	1	Tee, Bulkhead, 3/4" -16 37° Flare Male
50	75088266	2	Union, Swivel, 3/4"-16 37° Flare Female x 3/4"-16 37° Flare Female
51	70402303	4	Coil, 10V, 25W

PUMP AND ENCLOSURE ASSEMBLIES COMPLETE	
PART No.	DESCRIPTION
40491030	Single Pump Power Down & Enclosure
40491031	Single Pump Power Down & Enclosure with Battery Box

^ Included in Motor/Solenoid Assembly 70400858

DUAL PUMP GRAVITY DOWN HYDRAULIC AND ELECTRICAL LAYOUT
(Built 1-09 thru 4-09)



WALTco LIFT CORP.
WDL, WDLBG (2009)

REVISED: 8-1-09
E.O. 6251
REV. 03

PM-774

ITEM	PART NUMBER	QTY	DESCRIPTION
1	40491000-1	1	Hydraulic Enclosure Base
	40491000-2		Hydraulic Enclosure Base with Battery Box
2	70401685	1	Flow Divider Valve
3	70110100	1	Filter
4	75082892	1	90° Elbow, 3/4"-16 "O" Ring Male x 7/8"-14 37° Flare Male
5	75089309	1	Grommet, Return Line/Control Harness
6	75083354	1	Elbow, 45°, Bulkhead, 7/16"-208 37° Flare Male
7	75086011	2	Hex Bolt, 1/4"-20 x 2" Lg.
8	75086036	1	Hex Bolt, 5/16"-18 x 1" Lg.
9	75085161	2	Nylon Locknut, 1/4"-20
10	75082877	1	Elbow, 90°, 1/4" NPT x 1/4" Compression
11	75082874	1	Brass Insert (For Compression Adapter)
12	75082873	1	Delrin Sleeve (For Compression Adapter)
13	75089571	1	Plastic Plug, 3/4" Hole
14	7500089-1	1	7/8"-14 37° Flare Male x 3/4"-16 37° Flare Female x 3/8" ID Tube x 12" Lg. Hose Assembly
15	31590902	1	Hydraulic Enclosure Cover
16	10195524	1	Battery Cable Assy, 24"
17	31499001	1	Auxiliary Push Button Control
18	75089313	2	Grommet, Battery Cable
19	10195836	1	Positive Cable, 2 Ga. X 36" Lg.
20	7500090-1	2	Adapter, Long, 3/4"-16 "O" Ring Male x 3/4"-16 37° Flare Male
21	10195536	1	Ground Cable, 2 Ga. X 36" Lg.
22	75086217	1	Hex Bolt, 5/16"-18 x 1-1/4" Lg.
23	75089851	2	Fuse, 10 Amp
24	75085003	2	Hex Nut, 5/16"-18, Serrated
25	10099500	1	Terminal Strip
26	31491501	2	Wire, Key Switch Control
27	75088081	4	Lock Washer, 3/8"
28	75086055	4	Hex Bolt, 3/8"-16 x 3/4", Grade 5
29	85803921	4	Relay
30	75089832	1	Toggle Switch
31	40491802	1	Motor Wiring Harness
32	75086707	2	Screw, #10-32 x 5/8" Lg.
33	75085000	2	Hex Nut, #10-32, Serrated
34	7500080-2	2	Adapter, 7/8"-14 "O" Ring Male x 7/8"-14 37° Flare Female
35	40493600-1	1	Truck Extension Harness
	40493600-2		Short Trailer Extension Harness
	40493600-3		Long Trailer Extension Harness

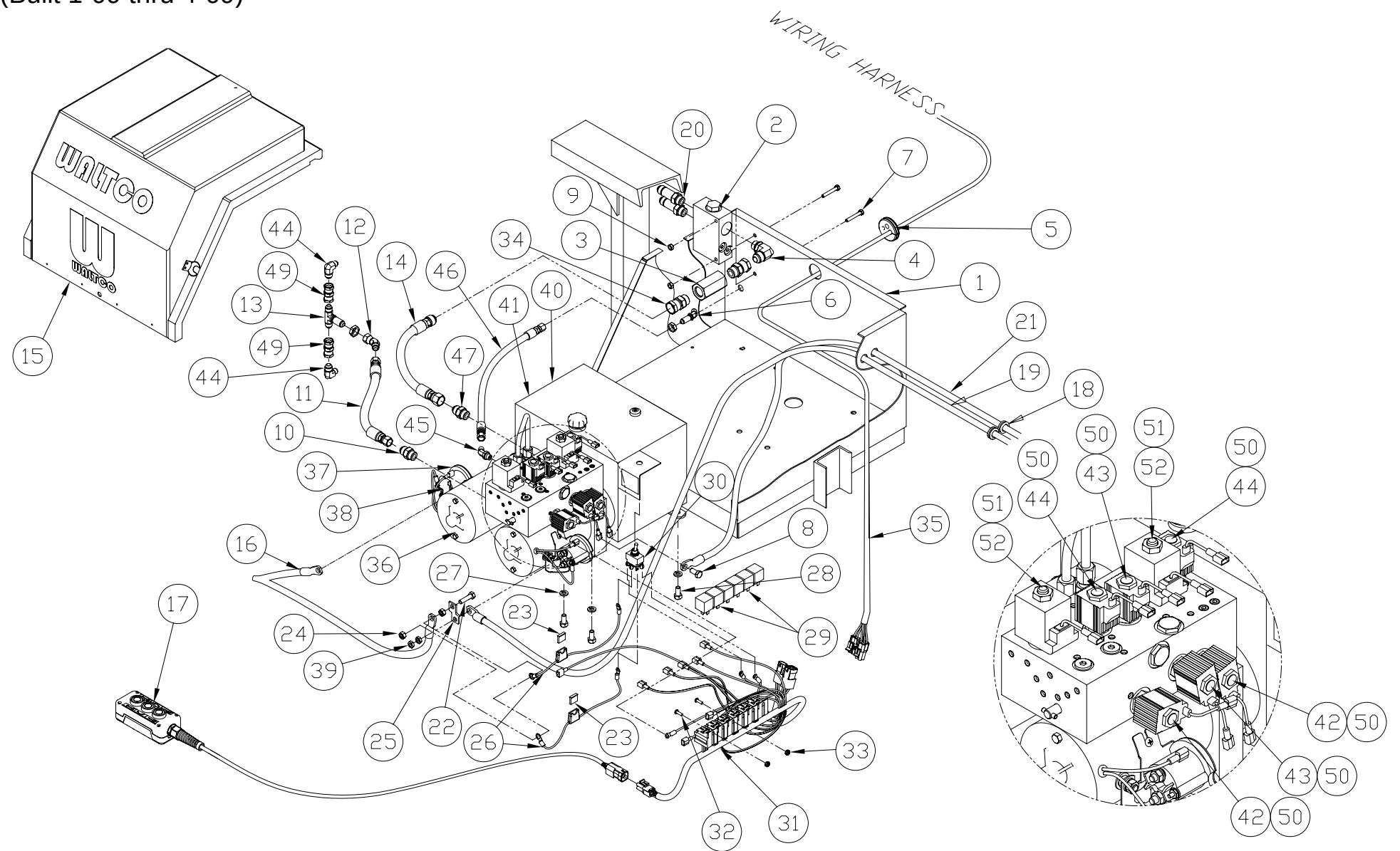
ITEM	PART NUMBER	QTY	DESCRIPTION
36	7043002-1 ^	2	Motor
37	75089833 ^	2	Starter Solenoid
38	75089834 ^	2	Bus Bar
39	75085020	1	Hex jam nut, 5/16"-24
40	70401526	1	Reservoir
41	70430460	1	Hydraulic Pump Unit – Dual Pump
42	70092503	4	Solenoid Valve, 2 way, 2 pos, w/ Coil
43	70092501	2	Solenoid Valve, 3 way, 2 pos, w/ Coil
44	7500093-1	1	Elbow, 45°, 7/16"-20 "O" Ring Male x 7/16"-20 37° Flare Male
45	7500077-8	1	7/16"-20 37° Flare Female x 7/16"-20 37° Flare Female x 1/4" ID Tube x 19-1/4" Lg. Hose Assembly
46	75082891	1	Elbow, 45°, 3/4"-16 "O" Ring Male x 3/4" 37° Flare Male
47	70402303	6	Coil, 10V, 25W

PUMP AND ENCLOSURE ASSEMBLIES COMPLETE	
PART NUMBER	DESCRIPTION
40491020	Dual Pump Gravity Down & Enclosure
40491021	Dual Pump Gravity Down & Enclosure w/ Battery Box

^ Included in Motor/Solenoid Assembly 70400858

DUAL PUMP POWER DOWN HYDRAULIC AND ELECTRICAL LAYOUT

(Built 1-09 thru 4-09)



WALTCO LIFT CORP.
WDL, WDLBG (2009)

REVISED: 8-1-09
E.O. 6251
REV. 03

PM-775

ITEM	PART NUMBER	QTY	DESCRIPTION
1	40491000-1	1	Hydraulic Enclosure Base
	40491000-2		Hydraulic Enclosure Base with Battery Box
2	70401685	1	Flow Divider Valve
3	70110100	1	Filter
4	75082892	1	90° Elbow, 3/4"-16 "O" Ring Male x 7/8"-14 37° Flare Male
5	75089309	1	Grommet, Return Line/Control Harness
6	75083354	1	Elbow, 45°, Bulkhead, 7/16"-208 37° Flare Male
7	75086011	2	Hex Bolt, 1/4"-20 x 2" Lg.
8	75086036	1	Hex Bolt, 5/16"-18 x 1" Lg.
9	75085161	2	Nylon Locknut, 1/4"-20
10	7500079-2	1	Adapter, 3/4"-16 "O" Ring Male x 3/4"-16 37° Flare Male
11	7500077-10	1	3/4"-16 37° Flare Female x 3/4"-16 37° Flare Female x 1/2" ID Tube x 13" Lg. Hose Assembly
12	7500095-2	1	Elbow, 45°, 3/4"-16 37° Flare Male x 3/4"-16 37° Flare Female
13	75083118	1	Tee, Bulkhead, 3/4"-16 37° Flare Male
14	7500089-1	1	7/8"-14 37° Flare Male x 3/4"-16 37° Flare Female x 3/8" ID Tube x 12" Lg. Hose Assembly
15	31590902	1	Hydraulic Enclosure Cover
16	10195524	1	Battery Cable Assy, 24"
17	31499001	1	Auxiliary Push Button Control
18	75089313	2	Grommet, Battery Cable
19	10195836	1	Positive Cable, 2 Ga. X 36" Lg.
20	7500090-1	2	Adapter, Long, 3/4"-16 "O" Ring Male x 3/4"-16 37° Flare Male
21	10195536	1	Ground Cable, 2 Ga. X 36" Lg.
22	75086217	1	Hex Bolt, 5/16"-18 x 1-1/4" Lg.
23	75089851	2	Fuse, 10 Amp
24	75085003	2	Hex Nut, 5/16"-18, Serrated
25	10099500	1	Terminal Strip
26	31491501	2	Wire, Key Switch Control
27	75088081	4	Lock Washer, 3/8"
28	75086055	4	Hex Bolt, 3/8"-16 x 3/4", Grade 5
29	85803921	6	Relay
30	75089832	1	Toggle Switch
31	40491804	1	Motor Wiring Harness
32	75086707	2	Screw, #10-32 x 5/8" Lg.
33	75085000	2	Hex Nut, #10-32, Serrated
34	7500080-2	2	Adapter, 7/8"-14 "O" Ring Male x 7/8"-14 37° Flare Female

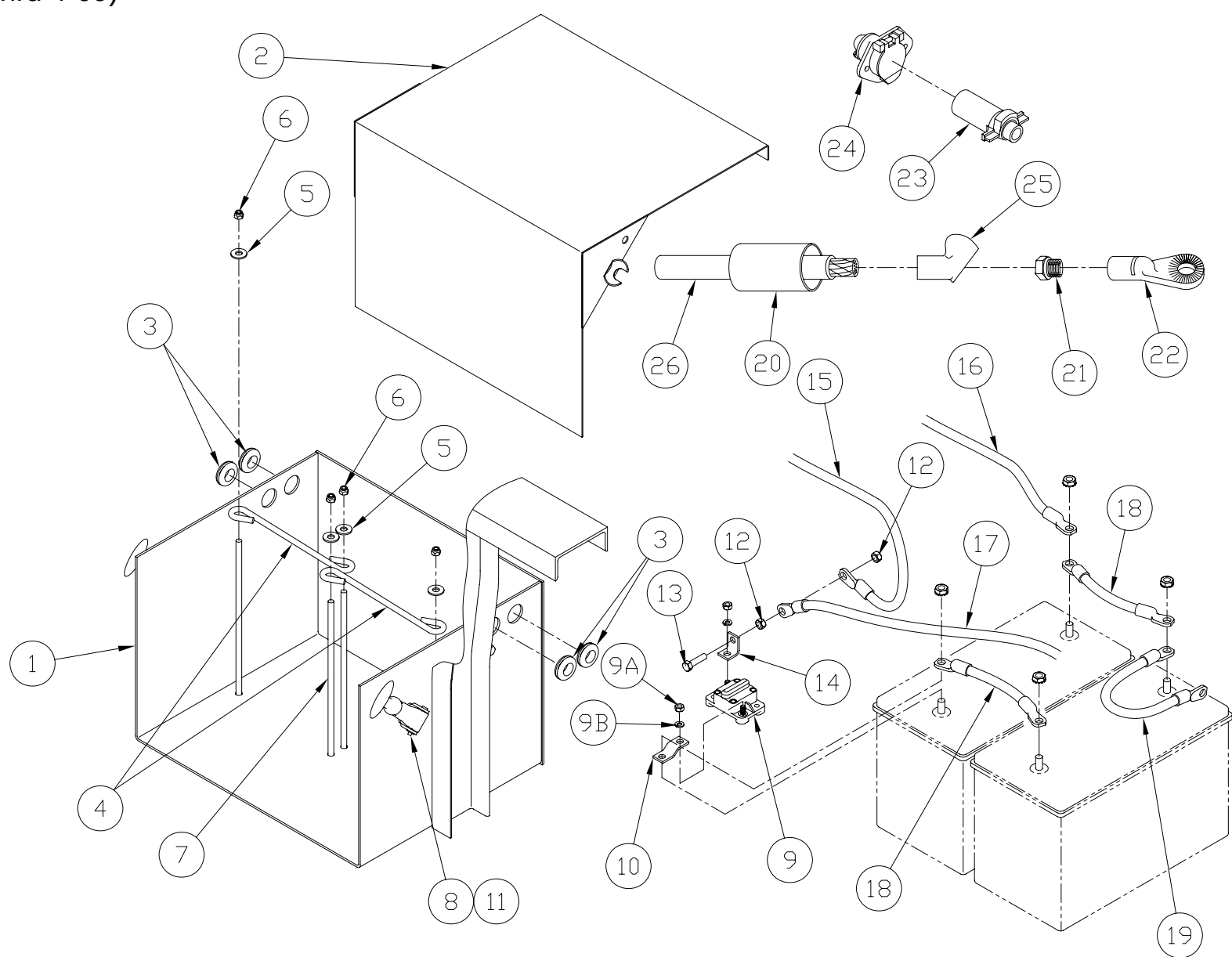
ITEM	PART NUMBER	QTY	DESCRIPTION
35	40493600-1	1	Truck Extension Harness
	40493600-2		Short Trailer Extension Harness
	40493600-3		Long Trailer Extension Harness
36	7043002-1 ^A	2	Motor
37	75089833 ^A	2	Starter Solenoid
38	75089834 ^A	2	Bus Bar
39	75085020	1	Hex jam nut, 5/16"-24
40	70401526	1	Reservoir
41	70430480	1	Hydraulic Pump Unit – Dual Pump
42	70092503	2	Cartridge Valve, 2-Way/ 2-Position
43	70092501	2	Cartridge Valve, 3-Way/ 2-Position
44	70400014	2	Cartridge Valve, 4-Way/ 2-Position
45	7500093-1	1	Elbow, 45°, 7/16"-20 "O" Ring Male x 7/16"-20 37° Flare Male
46	7500077-8	1	7/16"-20 37° Flare Female x 7/16"-20 37° Flare Female x 1/4" ID Tube x 19-1/4" Lg. Hose Assembly
47	7500079-2	1	Adapter, 3/4"-16 "O" Ring Male x 3/4"-16 37° Flare Male
48	75088267	2	Elbow, 90°, 3/4"-16 37° Flare Male x 9/16"-18 37° Flare Male
49	75088266	2	Union, Swivel, 3/4"-16 37° Flare Female x 3/4"-16 37° Flare Female
50	70402303	6	Coil, 10V, 25W
51	70092525	2	#10 Coil
52	70092528	2	#10 Solenoid Valve, 2 way, 2 pos

PUMP AND ENCLOSURE ASSEMBLIES COMPLETE	
PART NUMBER	DESCRIPTION
40491040	Dual Pump Power Down & Enclosure
40491041	Dual Pump Power Down & Enclosure w/ Battery Box

^A Included in Motor/Solenoid Assembly 70400858

AUXILIARY BATTERY ENCLOSURE PARTS (OPTIONAL ON ALL PUMPS)

(Built 1-09 thru 4-09)



WALTCO LIFT CORP.
WDL, WDLBG (2009)

REVISED: 1-30-09
E.O. 6095E
REV. 01

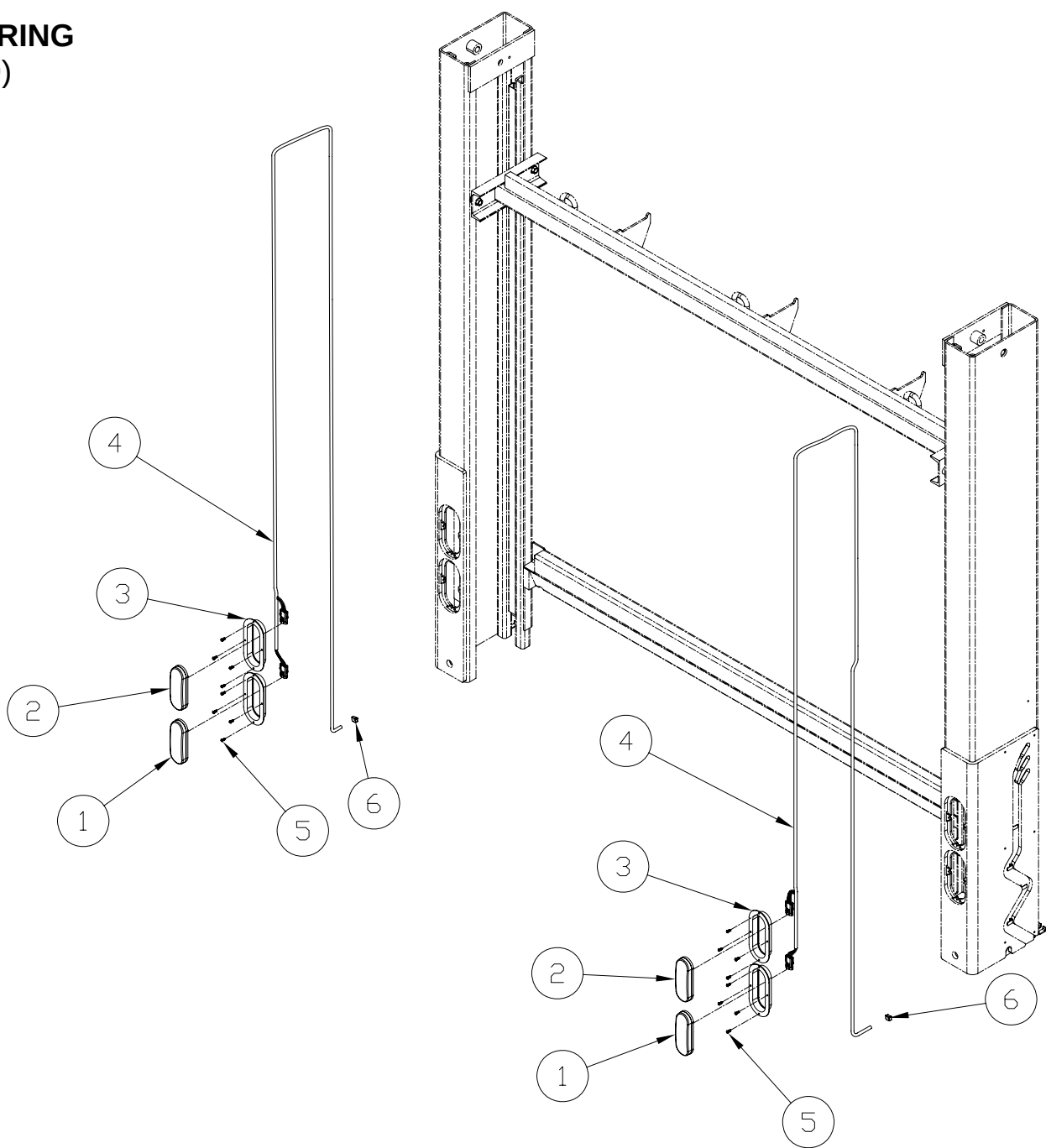
PM-771

ITEM	PART NUMBER	QTY	DESCRIPTION
1	3190150-1	1	Battery Box Sub-Assembly, Dual Mount
	3190150-2	1	Battery Box Sub-Assembly, Single Mount
2	10291503	1	Battery Cover
3	75089321	4	3/4" ID Grommet
4	10291403	2	Battery Holder
5	75088053	4	5/16" x 7/8" OD x .083" Thick Steel Washer
6	75085177	4	5/16"-18 Lock Nut
7	10291804	2	Threaded Battery Retainer Bar
8	75089744	4	Rubber Draw Latch
9	75089243	1	150 Amp Circuit Breaker
10	10099500	1	Terminal Link
11	75089436	8	5/32" Aluminum Rivet
12	75085003	2	5/16-18 Serrated Hex Nut
13	75086217	1	5/16-18 x 1-1/4" Long Hex Bolt
14	10099501	1	90 Degree Terminal Link
15	10195836	1	36" Long Positive Cable Assembly
16	10195536	1	36" Long Battery Cable Assembly
17	See Table Below		Positive Battery Cable Assembly
18	10195508	2	8" Battery Cable Assembly
19	See Table Below		Negative Battery Cable Assembly
20	75088036	N/A	Black Heat Shrink Tube
	75088038	N/A	Red Heat Shrink Tube
21	75080041	N/A	2 GA Compression Type Nut
	75080042	N/A	0 GA Compression Type Nut
22	75080040	N/A	Compression Terminal w/ 3/8" Hole
23	75080006	1	Plug (Single Pole)
24	75080005	1	Socket (Single Pole)
	75092001	1	Socket (Dual Pole)
25	75089328	N/A	Rubber Boot
26	75089031	N/A	0 GA Battery Cable
	75089033	N/A	2 GA Battery Cable

AVAILABLE POSITIVE BATTERY CABLE ASSEMBLIES	
PART NUMBER	DESCRIPTION
10195810	Positive (Red) Battery Cable Assy, 2 Ga. X 120" Lg
10195824	Positive (Red) Battery Cable Assy, 2 Ga. X 24" Lg
10195836	Positive (Red) Battery Cable Assy, 2 Ga. X 36" Lg w/ Boot
10195887	Positive (Red) Battery Cable Assy, 2 Ga. X 87" Lg w/ Boot

AVAILABLE NEGATIVE BATTERY CABLE ASSEMBLIES	
PART NUMBER	DESCRIPTION
10195606	Negative (Black) Battery Cable Assy, 2 Ga. X 72" Lg w/ Boot
10195608	Negative (Black) Battery Cable Assy, 2 Ga. X 96" Lg w/ Boot
10195610	Negative (Black) Battery Cable Assy, 2 Ga. X 120" Lg w/ Boot
10195612	Negative (Black) Battery Cable Assy, 2 Ga. X 144" Lg w/ Boot
10195616	Negative (Black) Battery Cable Assy, 2 Ga. X 192" Lg w/ Boot
10195620	Negative (Black) Battery Cable Assy, 2 Ga. X 240" Lg w/ Boot
10195625	Negative (Black) Battery Cable Assy, 2 Ga. X 300" Lg w/ Boot
10195630	Negative (Black) Battery Cable Assy, 2 Ga. X 360" Lg w/ Boot
10195635	Negative (Black) Battery Cable Assy, 2 Ga. X 420" Lg w/ Boot
10195636	Negative (Black) Battery Cable Assy, 2 Ga. X 432" Lg w/ Boot
10195638	Negative (Black) Battery Cable Assy, 2 Ga. X 456" Lg w/ Boot

TAIL LIGHTS & WIRING
(Built 1-09 thru 4-09)



WALTCO LIFT CORP.
WDL, WDLBG (2009)

REVISED: 1-30-09
E.O. 6095E
REV. 01

PM-770

ITEM	PART NUMBER	QTY	DESCRIPTION
1	75089456	2	Red LED Tail Light
2	75089457	2	White Back Up Light (Trucks)
	75089456	2	Red LED Tail Light (Trailers)
3	75089455	4	Black Light Ring
4	40493800	2	Light Harness
5	7500087-1	16	10-24 x ½" Button Head Socket Cap Screw
6	75089300	2	Zip Tie



Schematics

WDL & WDL RM SERIES
(Built thru 10-05)

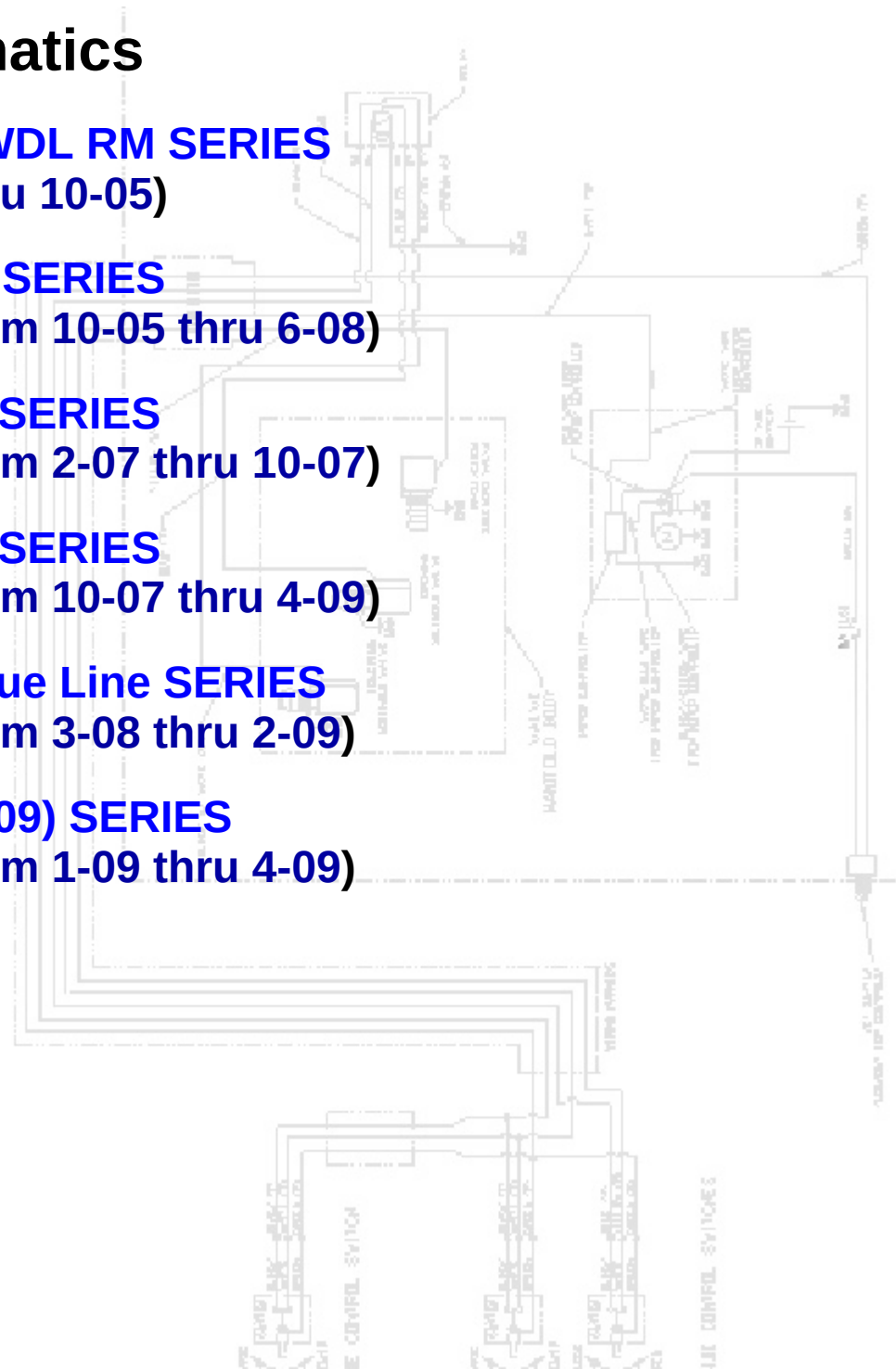
WDL US SERIES
(Built from 10-05 thru 6-08)

WDL U1 SERIES
(Built from 2-07 thru 10-07)

WDL XT SERIES
(Built from 10-07 thru 4-09)

WDL Value Line SERIES
(Built from 3-08 thru 2-09)

WDL (2009) SERIES
(Built from 1-09 thru 4-09)



[Click here for a list of liftgate serial numbers, organized by approximate ship dates.](#)



Schematics

Electrical Schematics

Push Button Control

(Built thru 10-98)

Single Pump

Dual Pump

Super Switch Control

(Built from 10-98 thru 1-01)

Single Pump

Dual Pump

Super Switch Control

(Built from 1-01 thru 4-04)

Single Pump

Dual Pump

Super Switch Control

(Built from 4-04 thru 10-05)

Single Pump

Dual Pump

Hydraulic Schematics

Push Button Control

(Built thru 10-98)

Single Pump

Single Pump w/ Hand Pump

Dual Pump

Super Switch Control

(Built from 10-98 thru 1-01)

Single Pump

Single Pump w/ Hand Pump

Dual Pump

Super Switch Control

(Built from 1-01 thru 7-04)

Single Pump

Single Pump w/ Hand Pump

Dual Pump

Super Switch Control

(Built from 7-04 thru 10-05)

Single Pump

Single Pump w/ Hand Pump

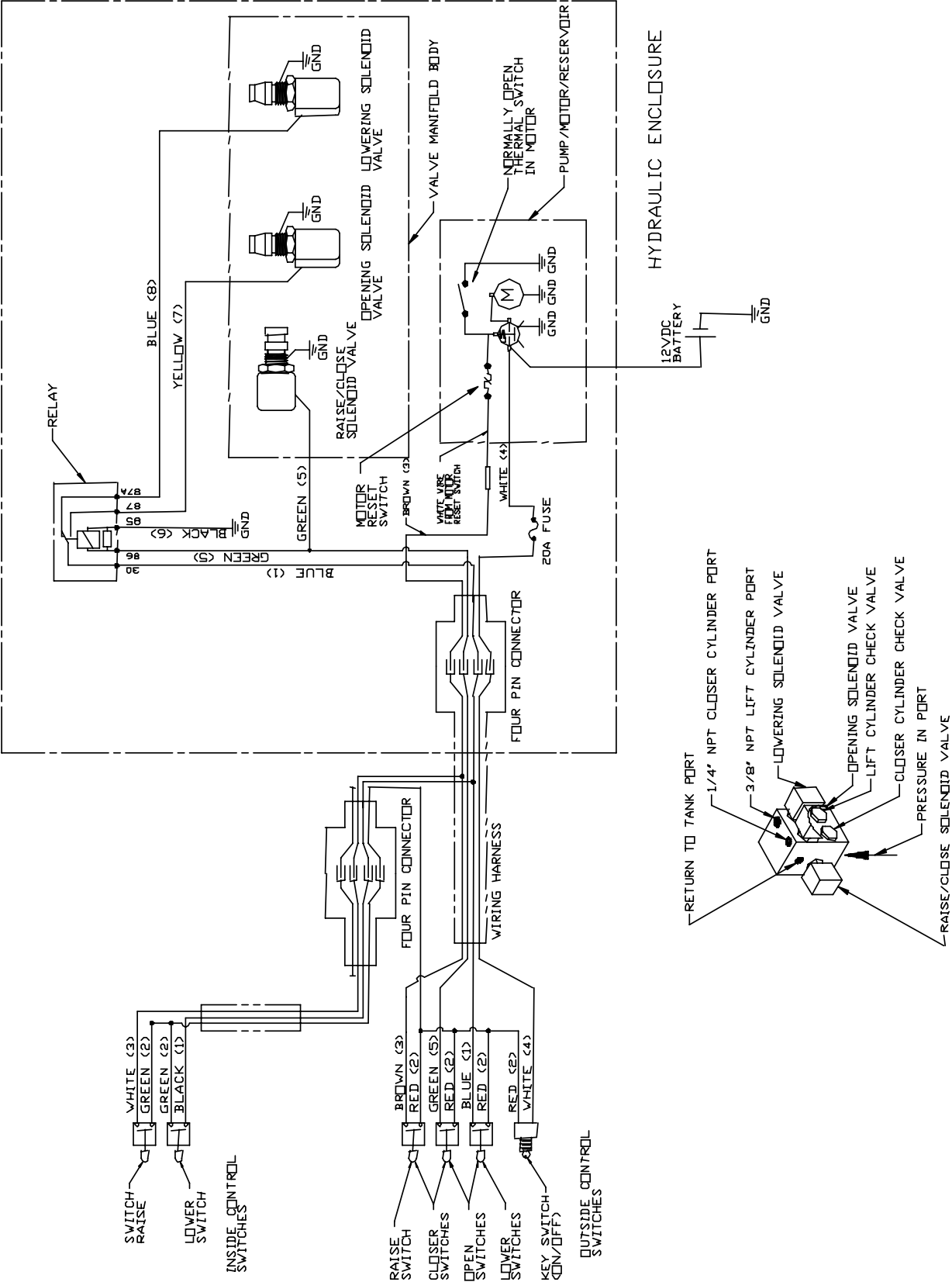
Dual Pump

[Click here for a list of liftgate serial numbers, organized by approximate ship dates.](#)

WDL SERIES ELECTRICAL SCHEMATIC w/ PUSH BUTTON CONTROL

Built thru 10-98

SINGLE PUMP



VALVE MANIFOLD BODY

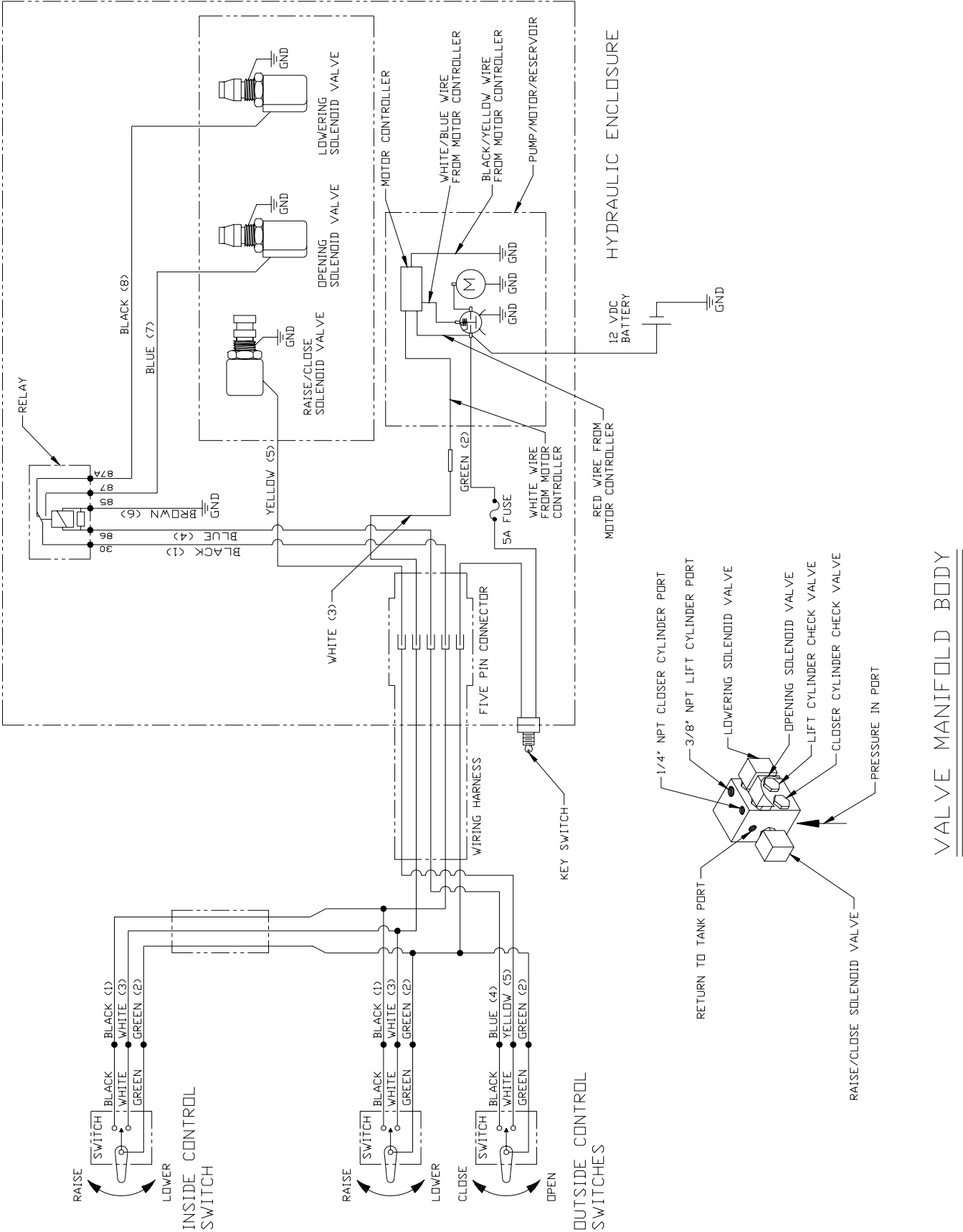
DUAL PUMP



WDL RM SERIES ELECTRICAL SCHEMATIC w/ SUPER SWITCH CONTROL

Built from 10-98 thru 1-01

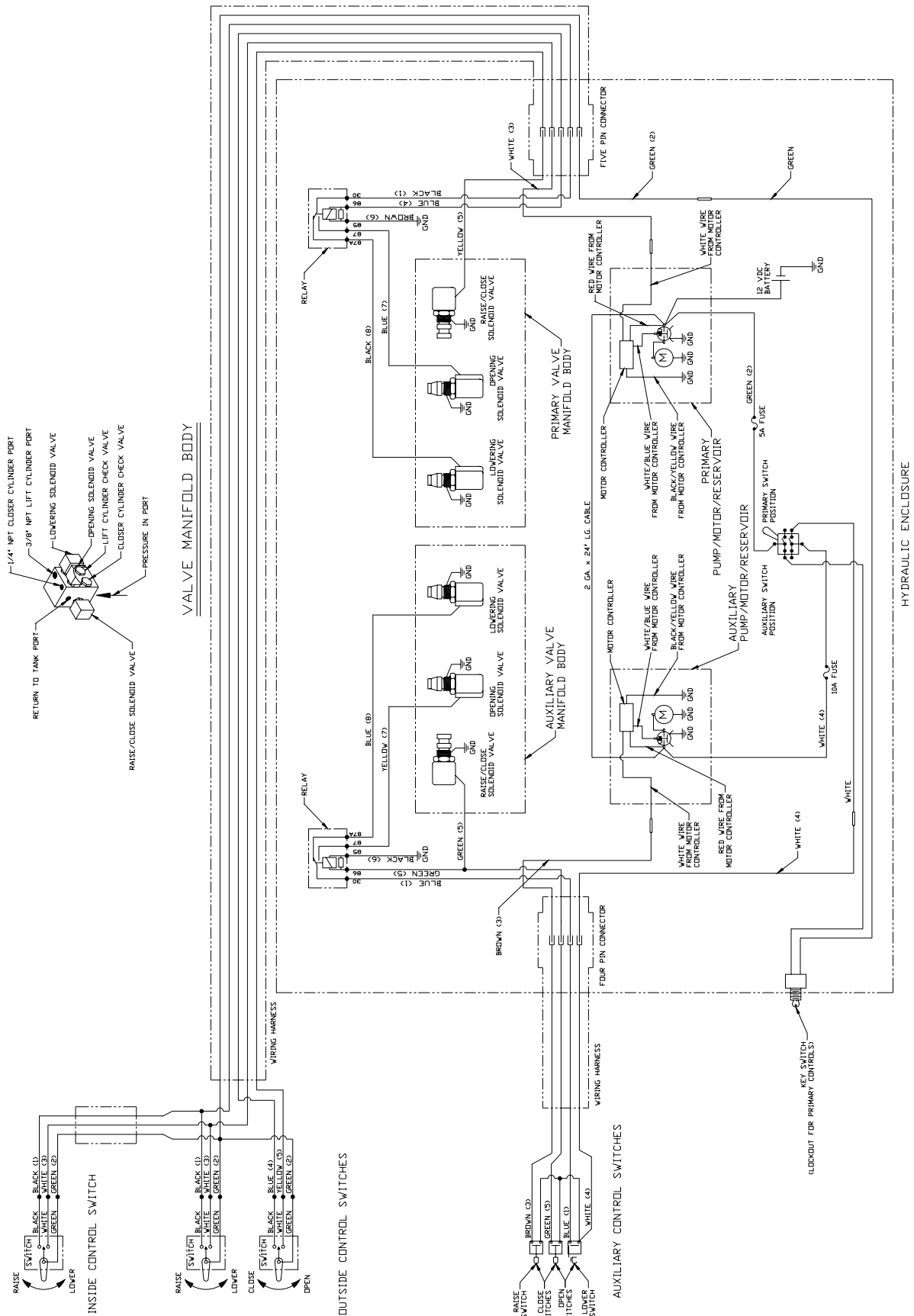
SINGLE PUMP



WDL RM SERIES ELECTRICAL SCHEMATIC w/ SUPER SWITCH CONTROL

Built from 10-98 thru 1-01

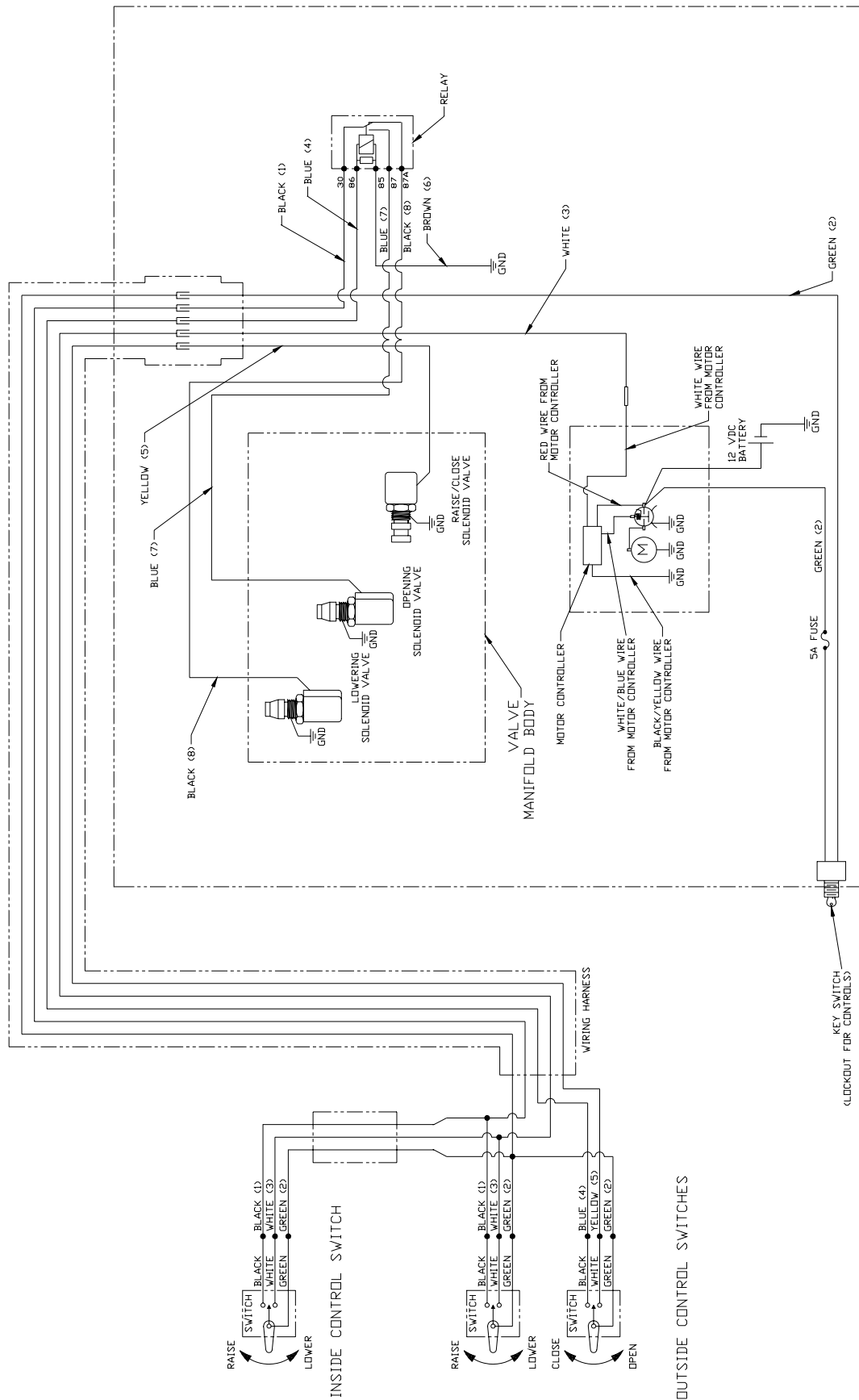
DUAL PUMP



WDL RM SERIES ELECTRICAL SCHEMATIC w/ SUPER SWITCH CONTROL

Built from 1-01 thru 4-04

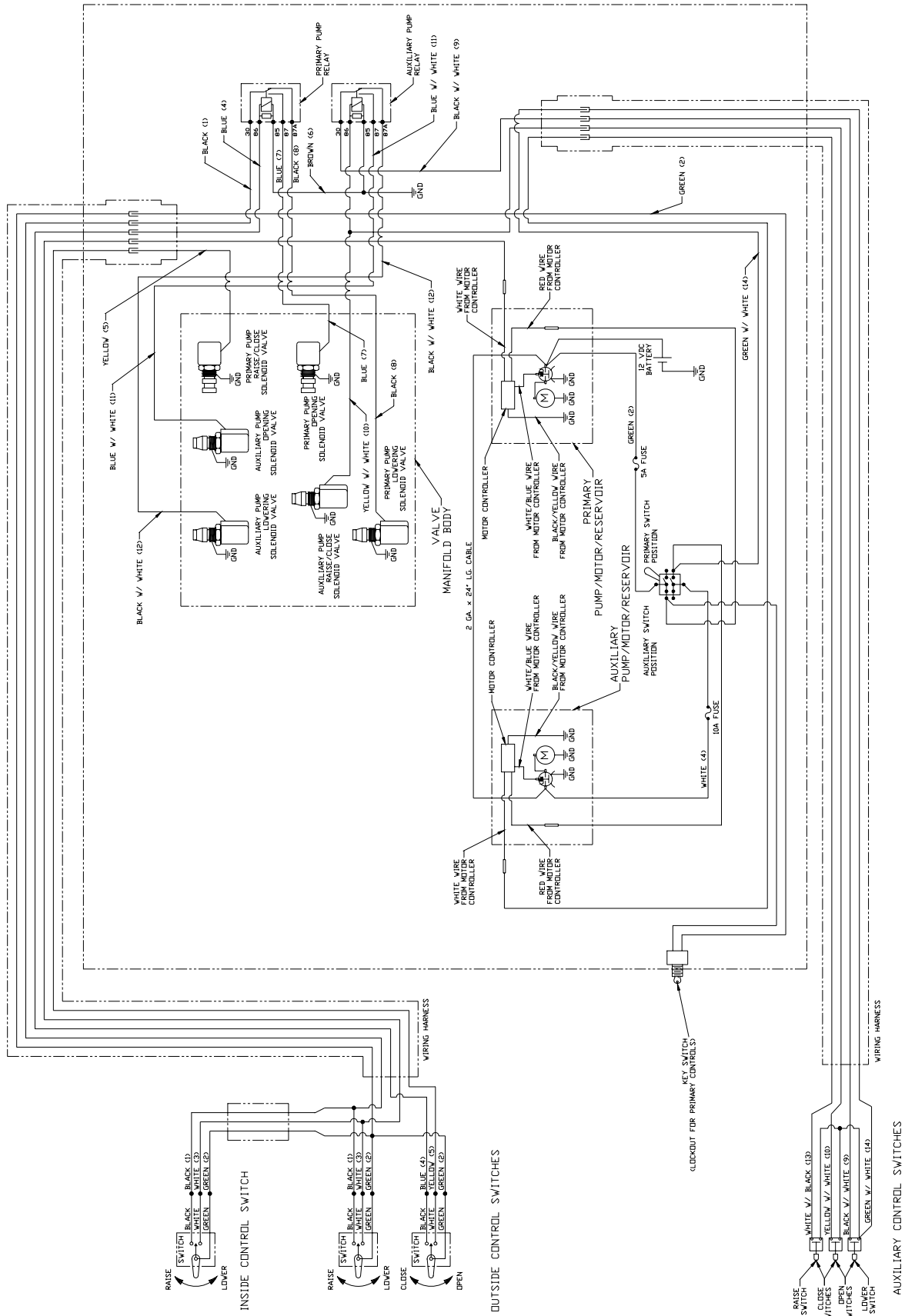
SINGLE PUMP



WDL RM SERIES ELECTRICAL SCHEMATIC w/ SUPER SWITCH CONTROL

Built from 1-01 thru 4-04

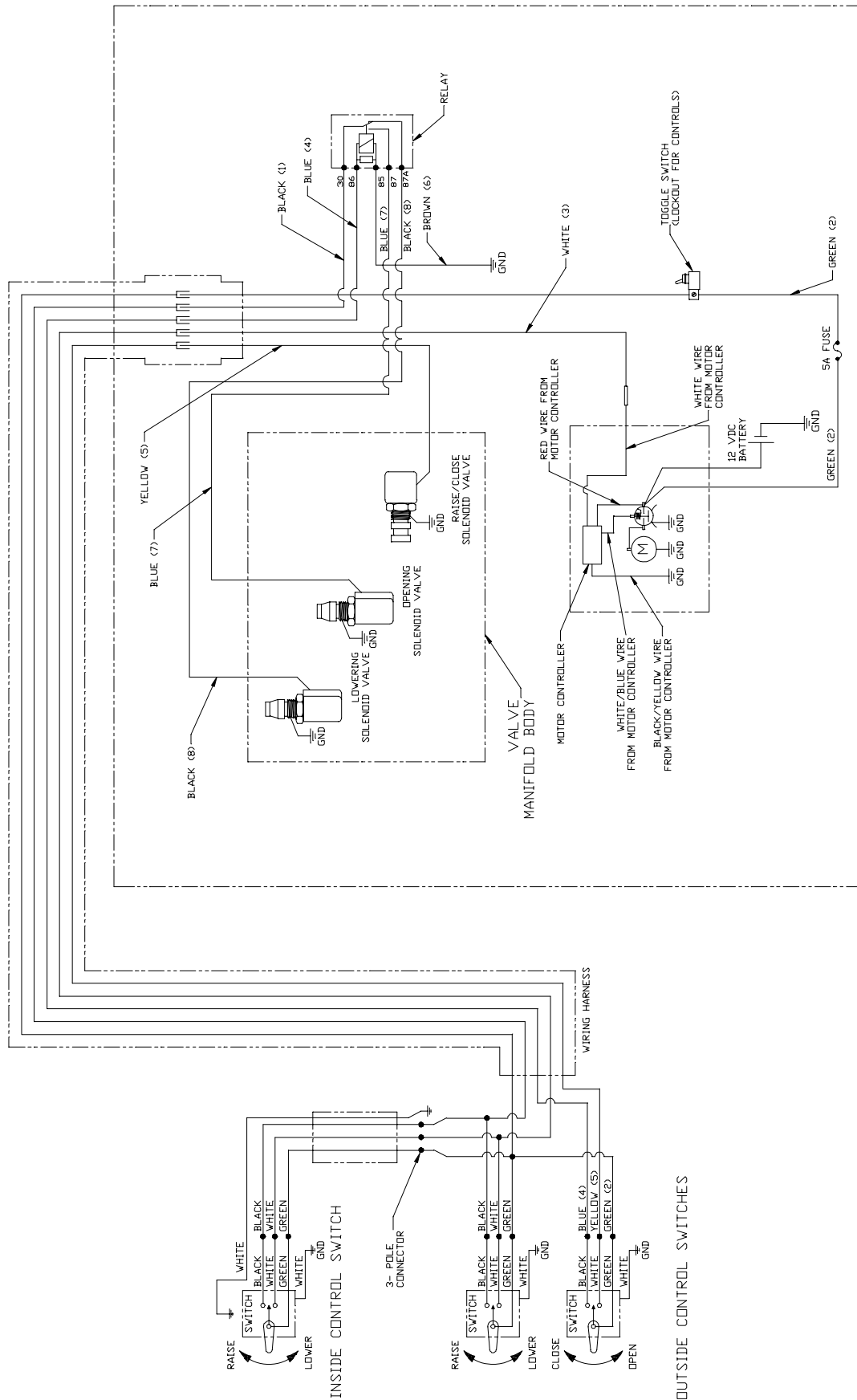
DUAL PUMP



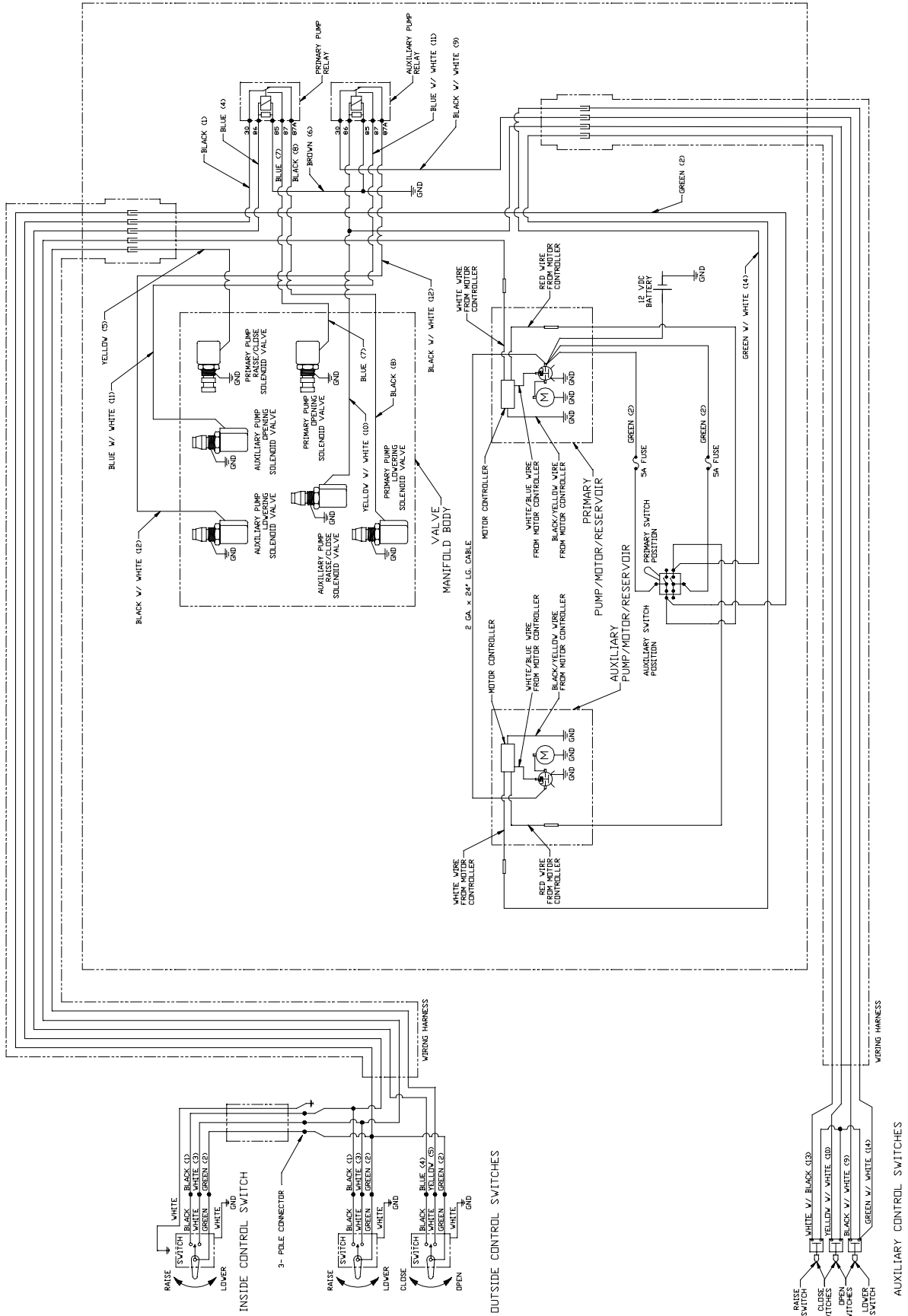
WDL RM SERIES ELECTRICAL SCHEMATIC w/ SUPER SWITCH CONTROL

Built from 4-04 thru 10-05

SINGLE PUMP



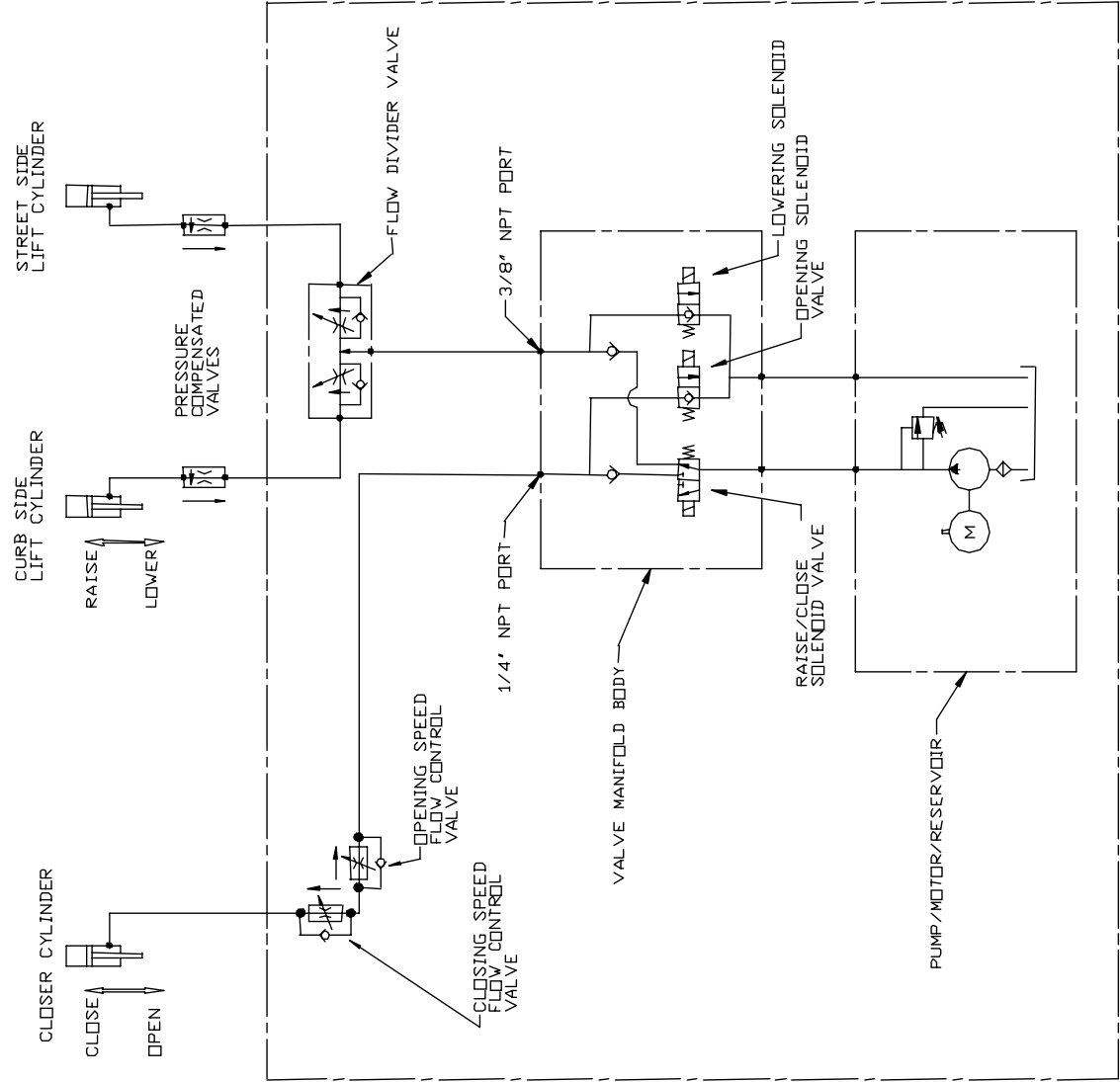
WDL RM SERIES ELECTRICAL SCHEMATIC w/ SUPER SWITCH CONTROL
Built from 4-04 thru 10-05
DUAL PUMP



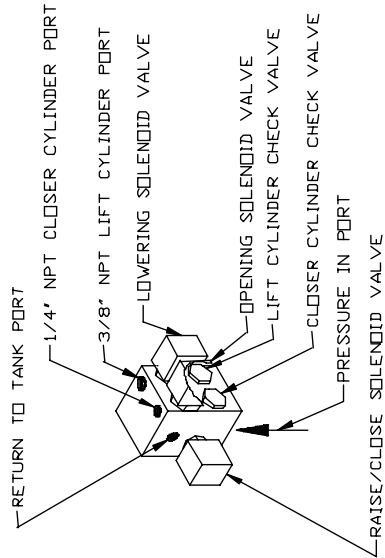
WDL SERIES HYDRAULIC SCHEMATIC w/ PUSH BUTTON CONTROL

Built thru 10-98

SINGLE PUMP

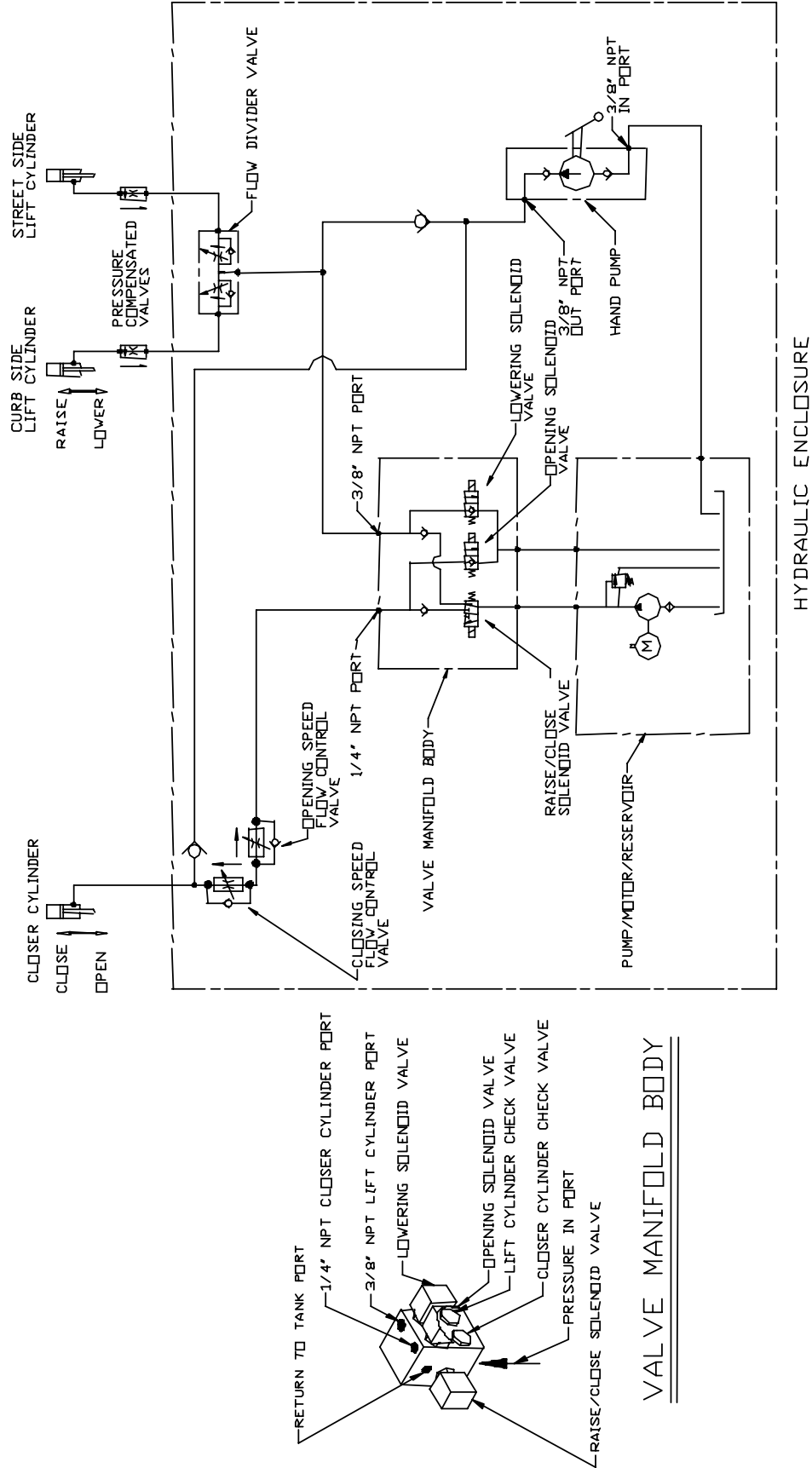


HYDRAULIC ENCLOSURE



VALVE MANIFOLD BODY

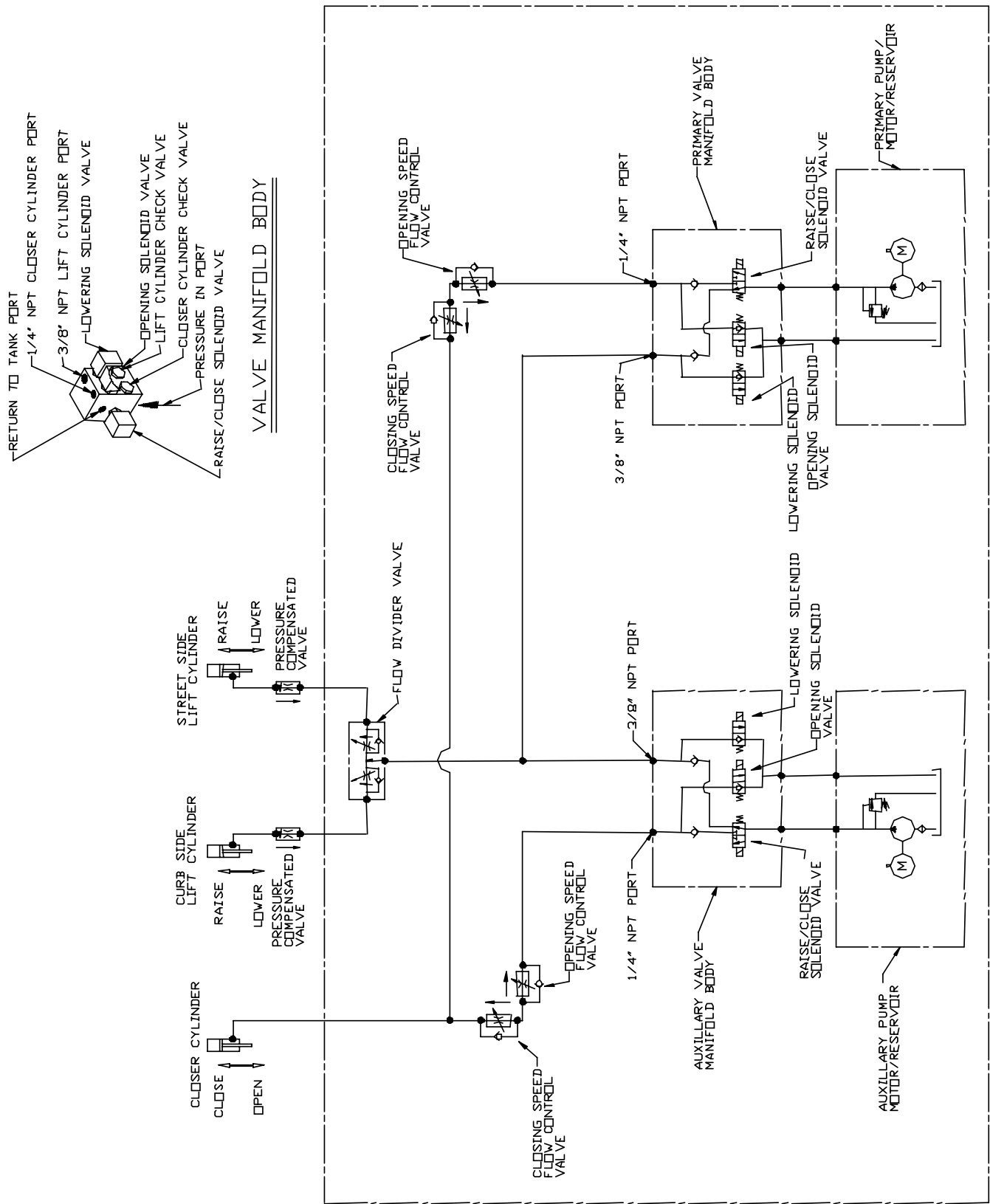
WDL SERIES HYDRAULIC SCHEMATIC w/ PUSH BUTTON CONTROL
Built thru 10-98
SINGLE PUMP w/ HAND PUMP



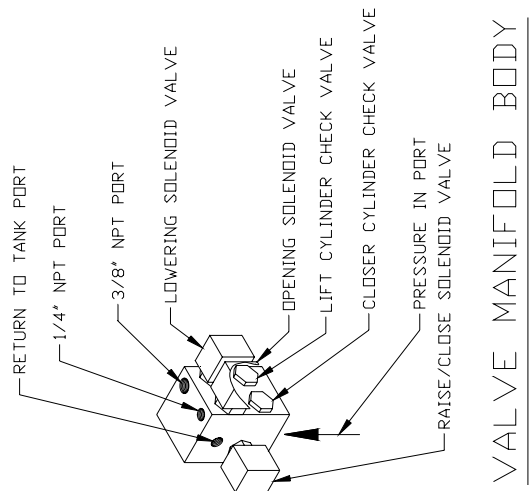
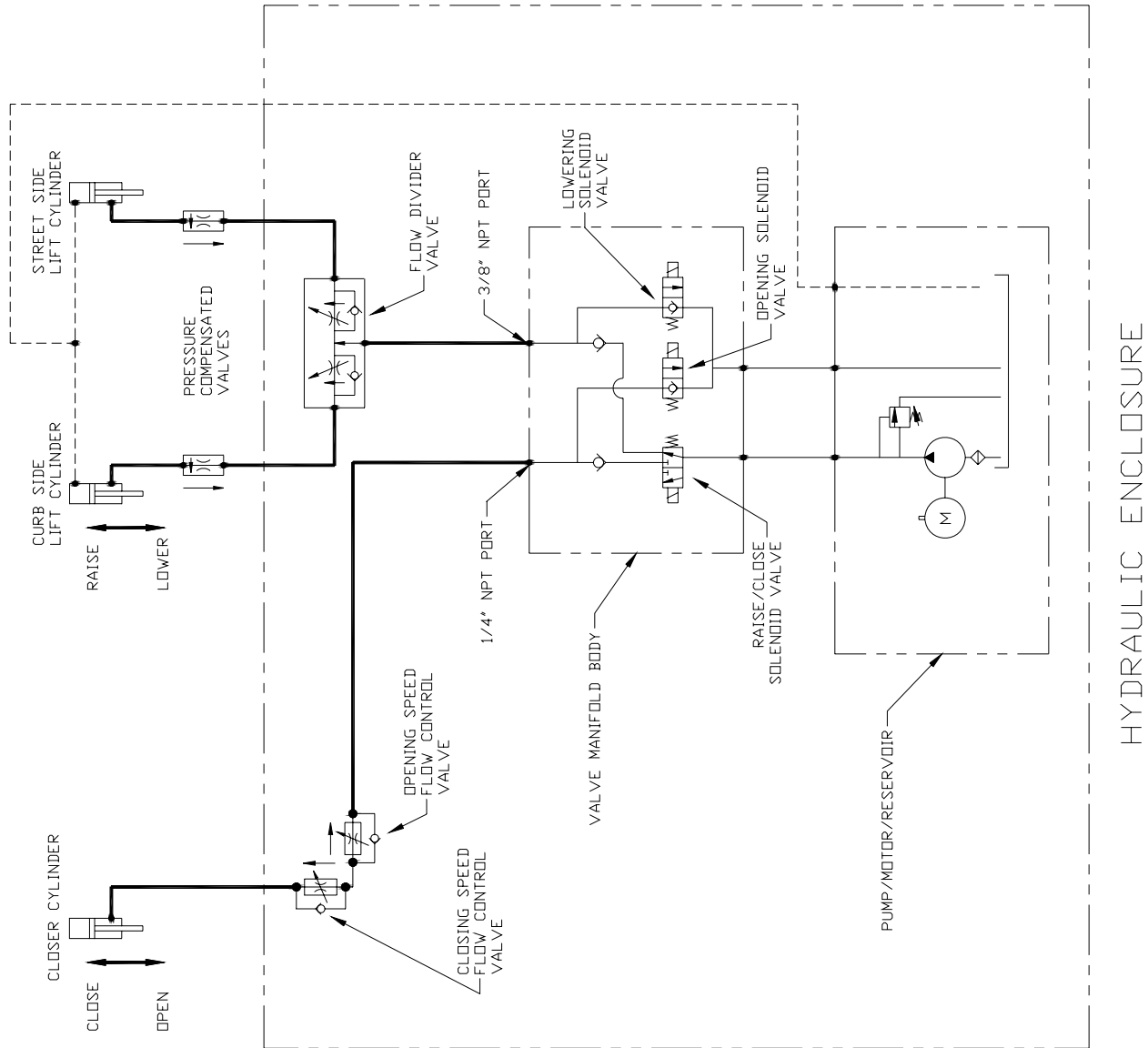
WDL SERIES HYDRAULIC SCHEMATIC w/ PUSH BUTTON CONTROL

Built thru 10-98

DUAL PUMP



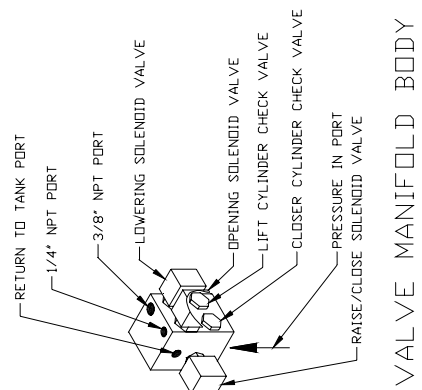
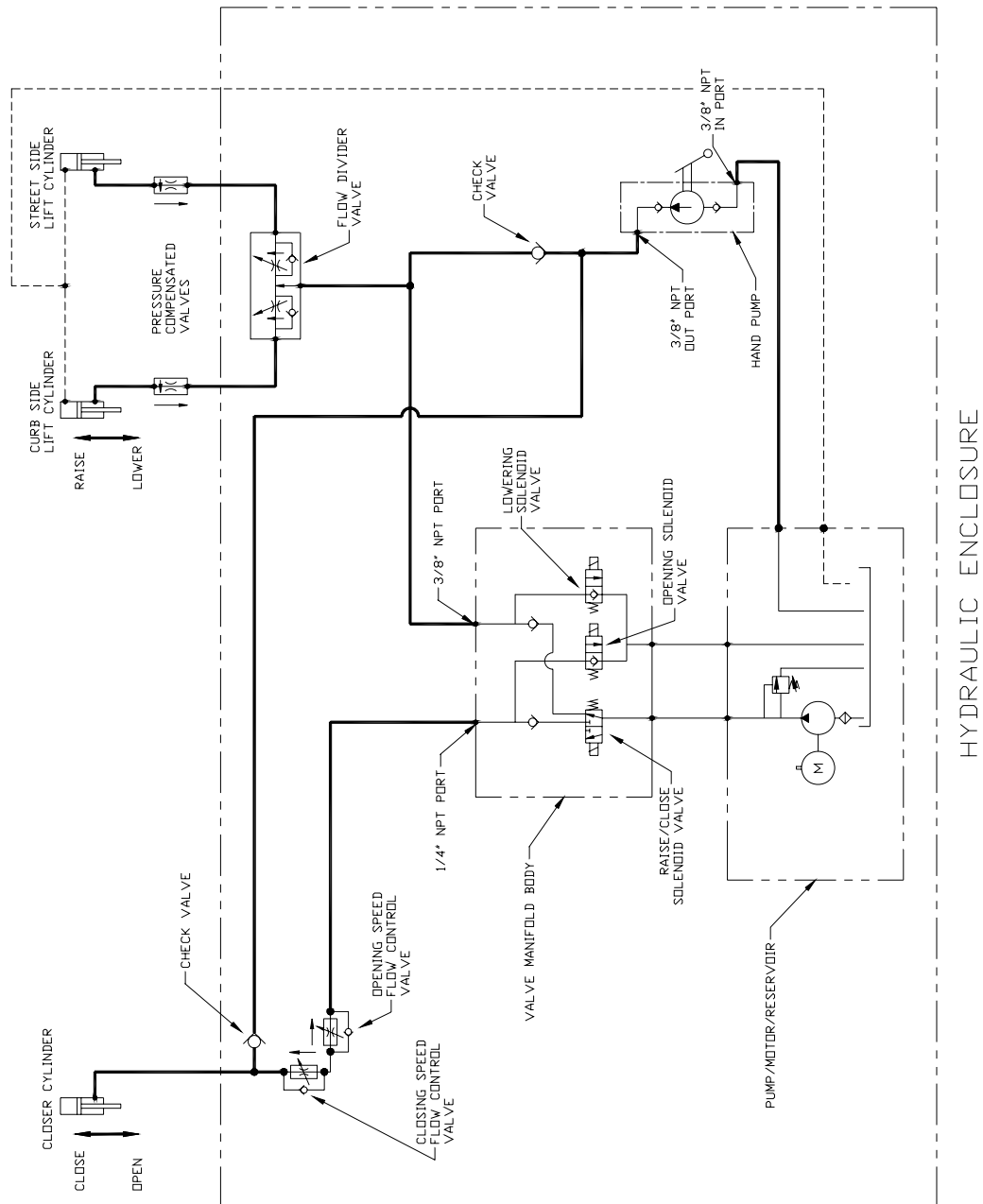
WDL RM SERIES HYDRAULIC SCHEMATIC w/ SUPER SWITCH CONTROL
Built from 10-98 thru 1-01
SINGLE PUMP



WDL RM SERIES HYDRAULIC SCHEMATIC w/ SUPER SWITCH CONTROL

Built from 10-98 thru 1-01

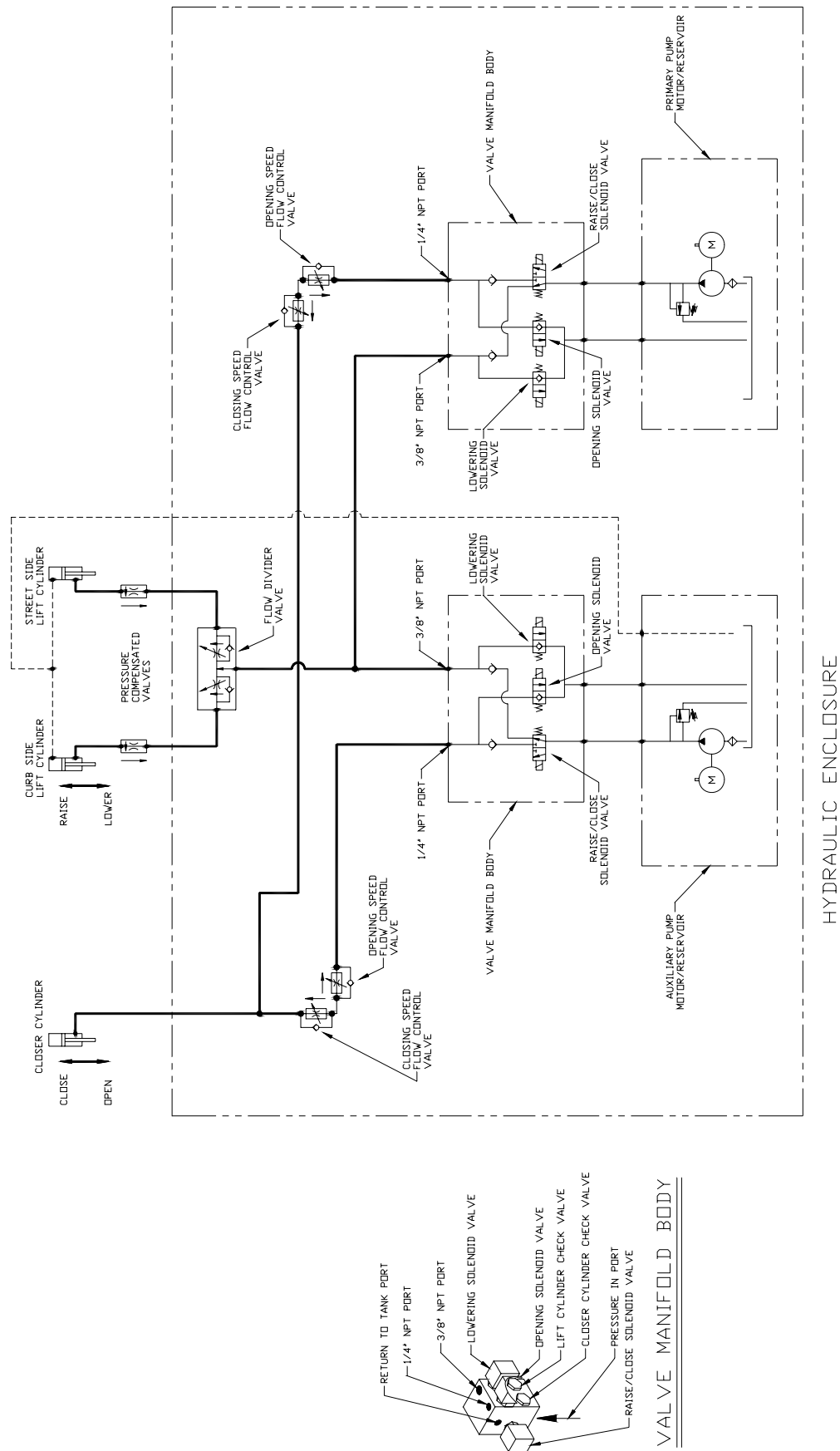
SINGLE PUMP w/ HAND PUMP



WDL RM SERIES HYDRAULIC SCHEMATIC w/ SUPER SWITCH CONTROL

Built from 10-98 thru 1-01

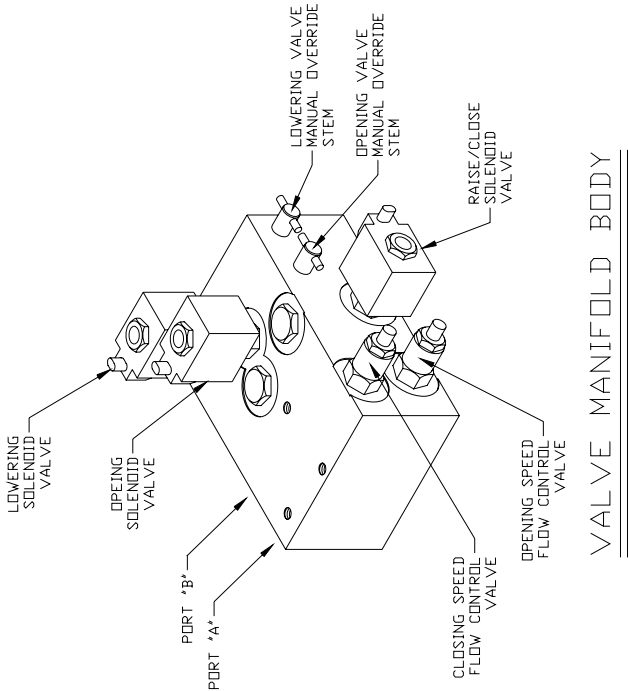
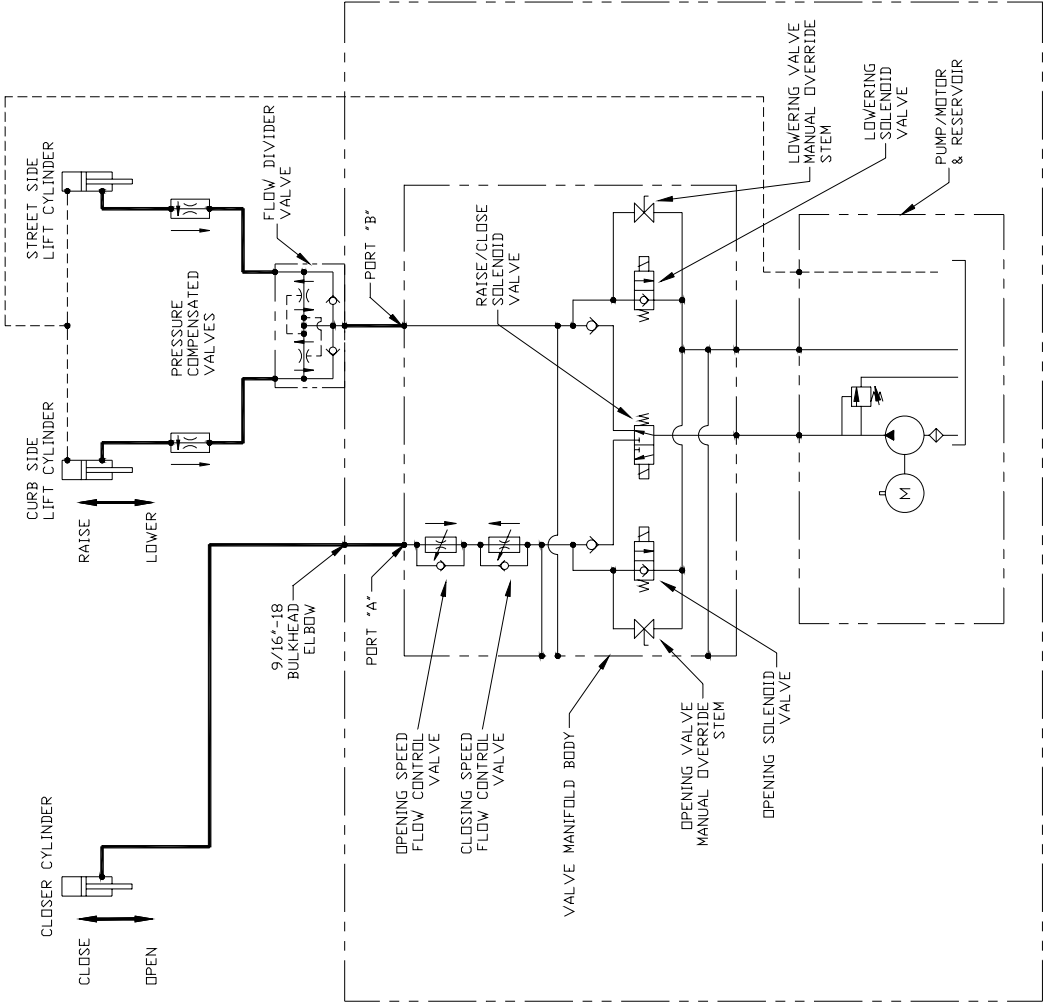
DUAL PUMP



WDL RM SERIES HYDRAULIC SCHEMATIC w/ SUPER SWITCH CONTROL

Built from 1-01 thru 7-04

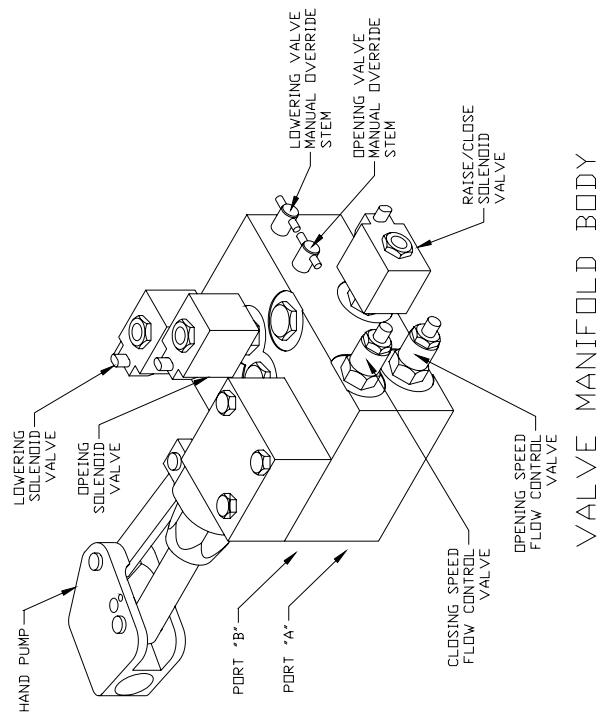
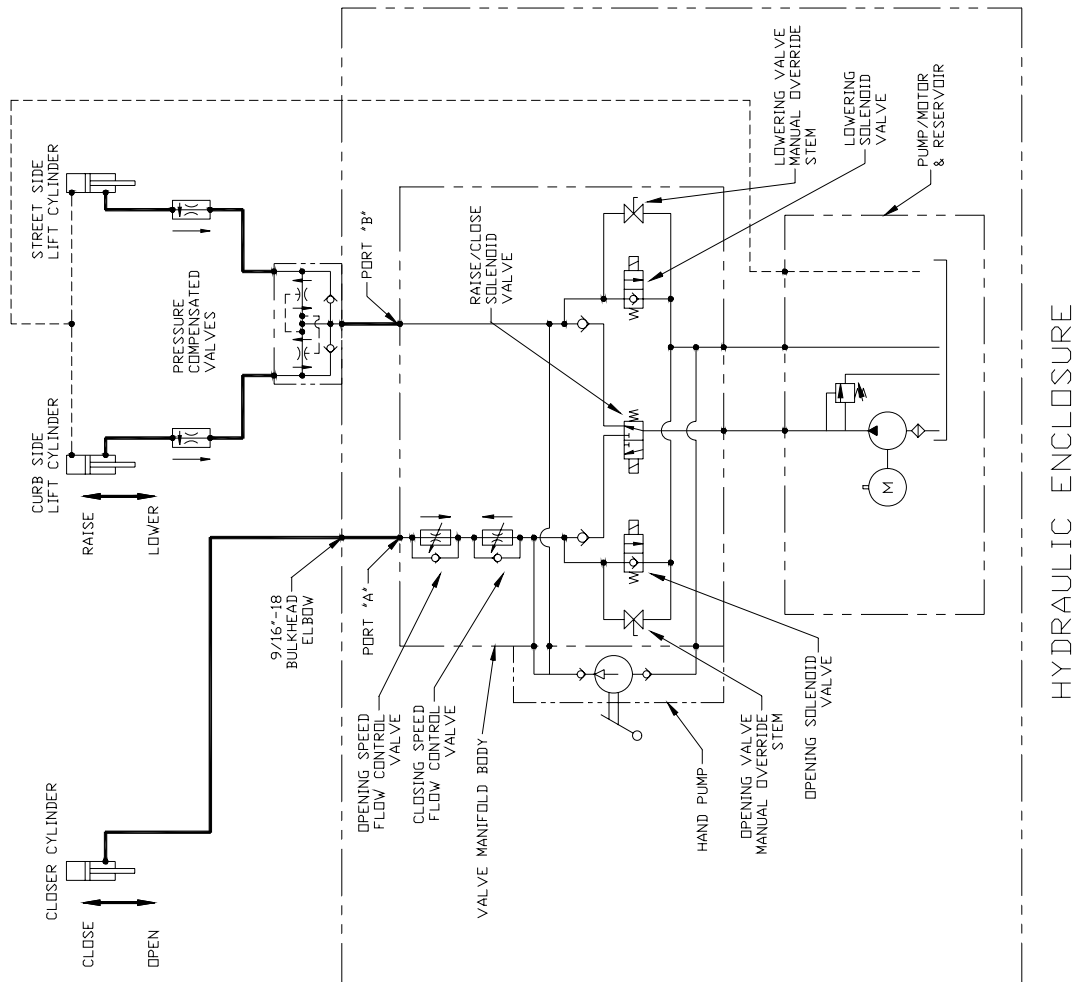
SINGLE PUMP



WDL RM SERIES HYDRAULIC SCHEMATIC w/ SUPER SWITCH CONTROL

Built from 1-01 thru 7-04

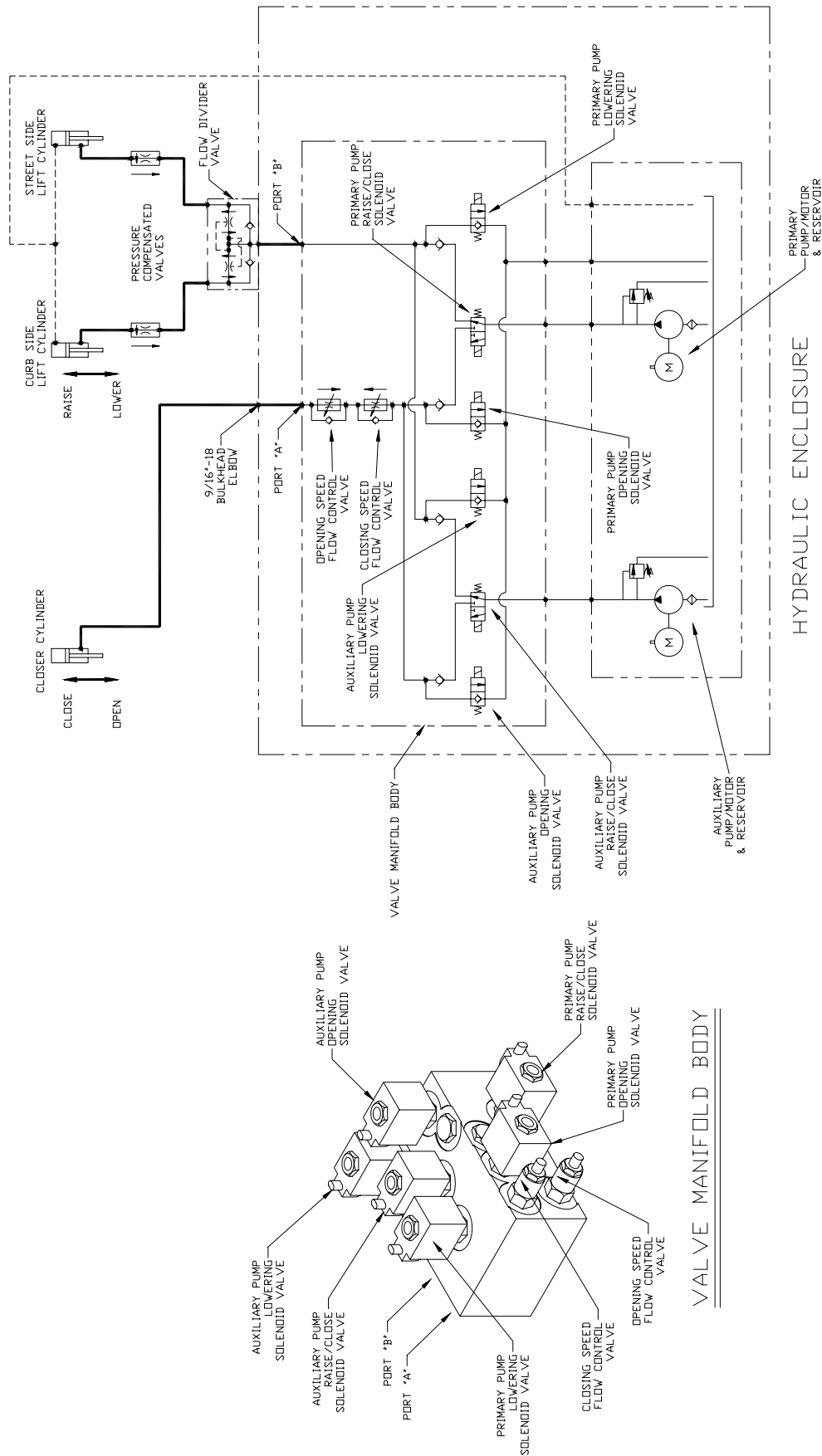
SINGLE PUMP w/ HAND PUMP



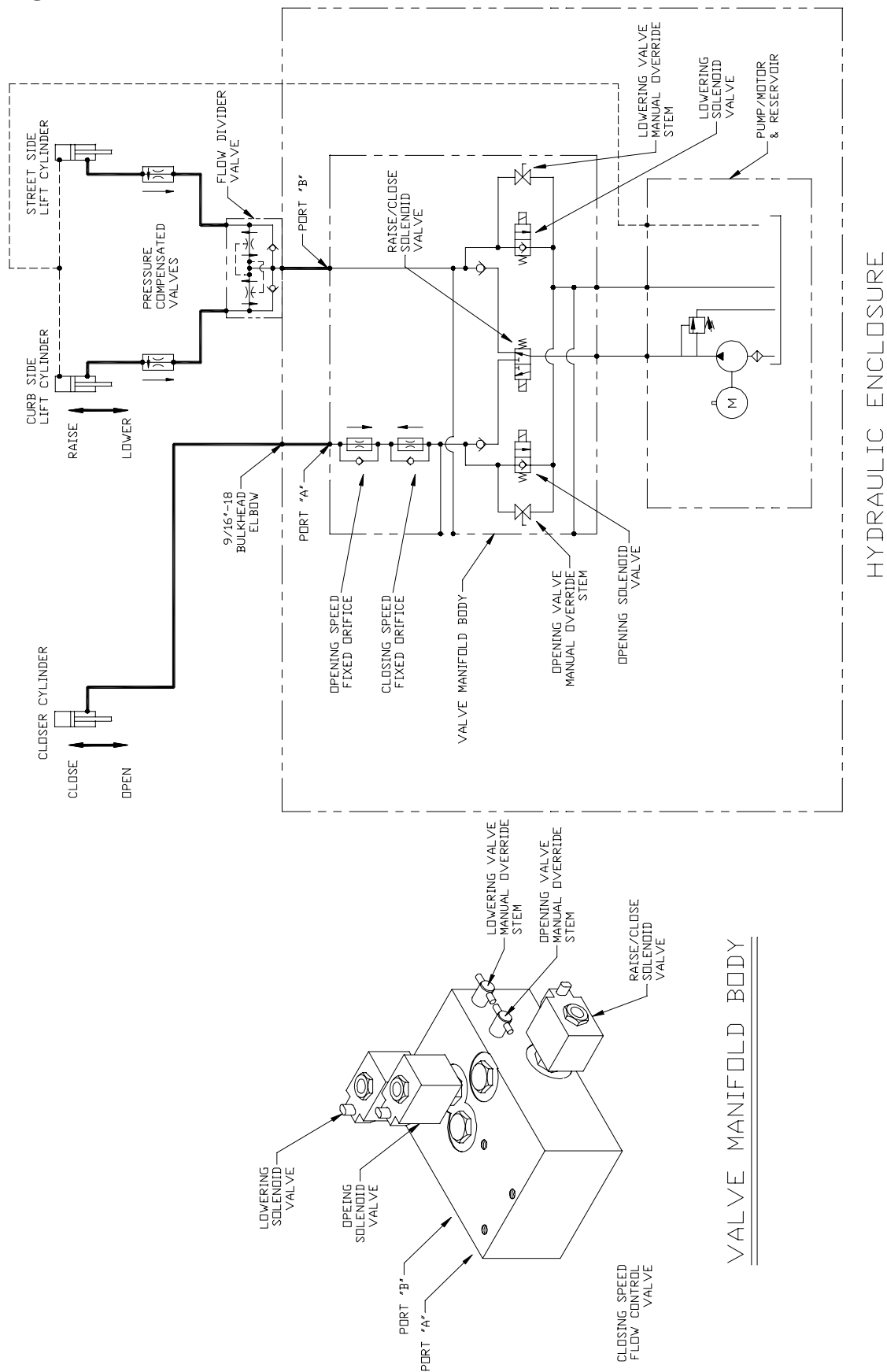
WDL RM SERIES HYDRAULIC SCHEMATIC w/ SUPER SWITCH CONTROL

Built from 1-01 thru 7-04

DUAL PUMP



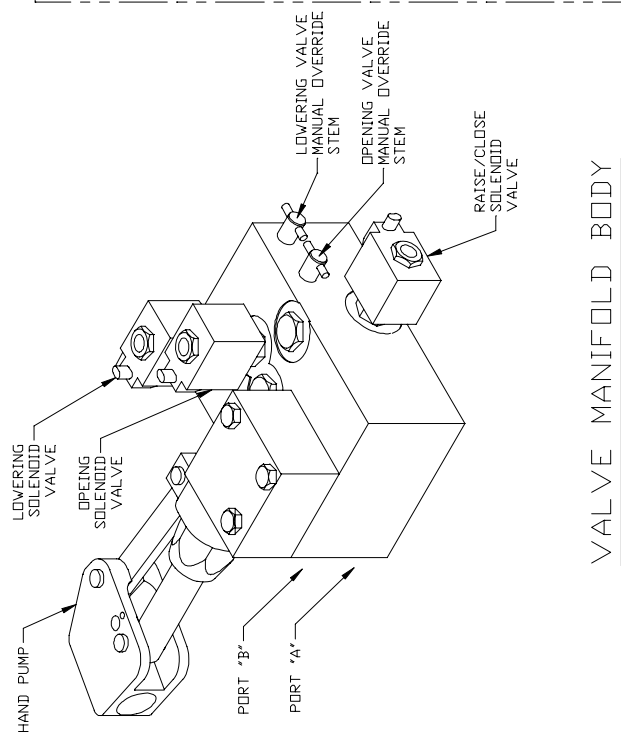
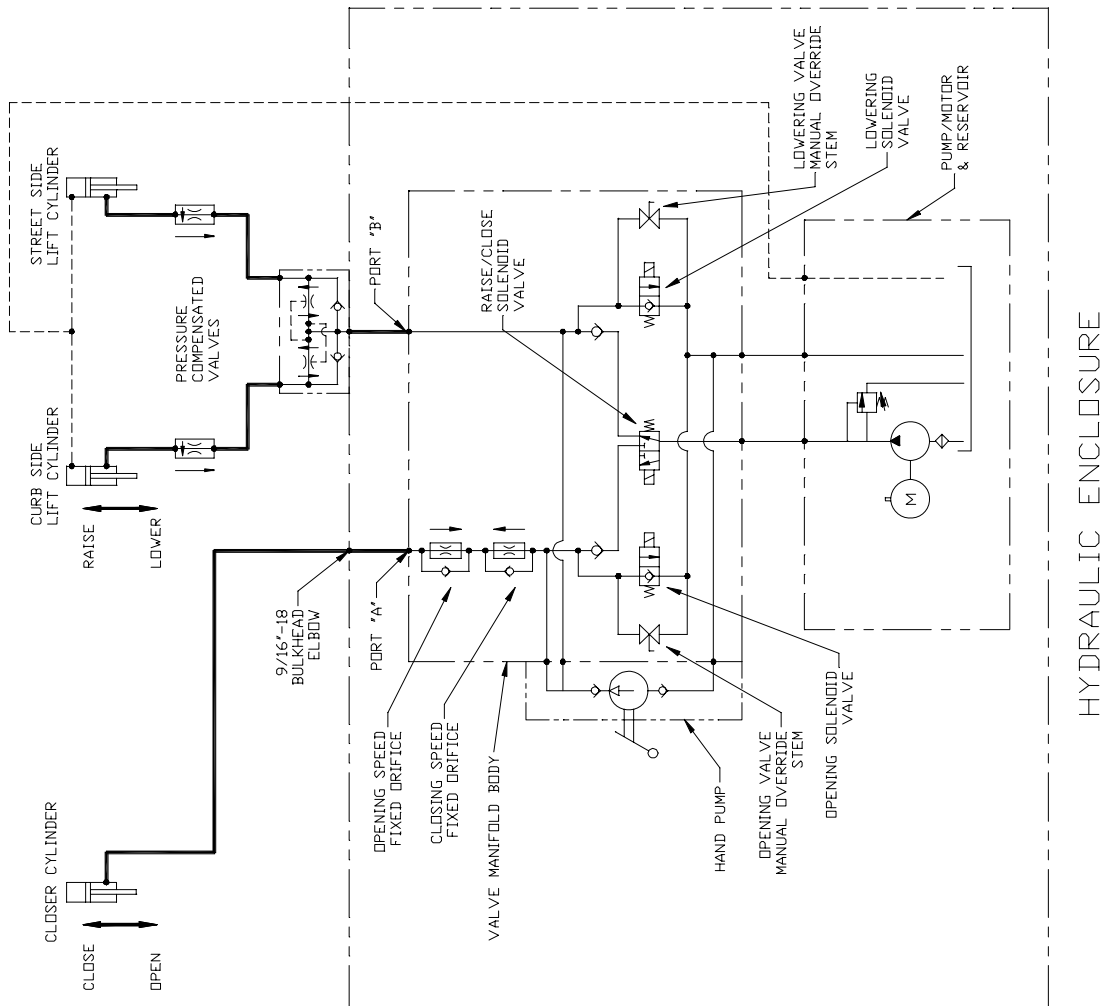
WDL RM SERIES HYDRAULIC SCHEMATIC w/ SUPER SWITCH CONTROL
Built from 7-04 thru 10-05
SINGLE PUMP



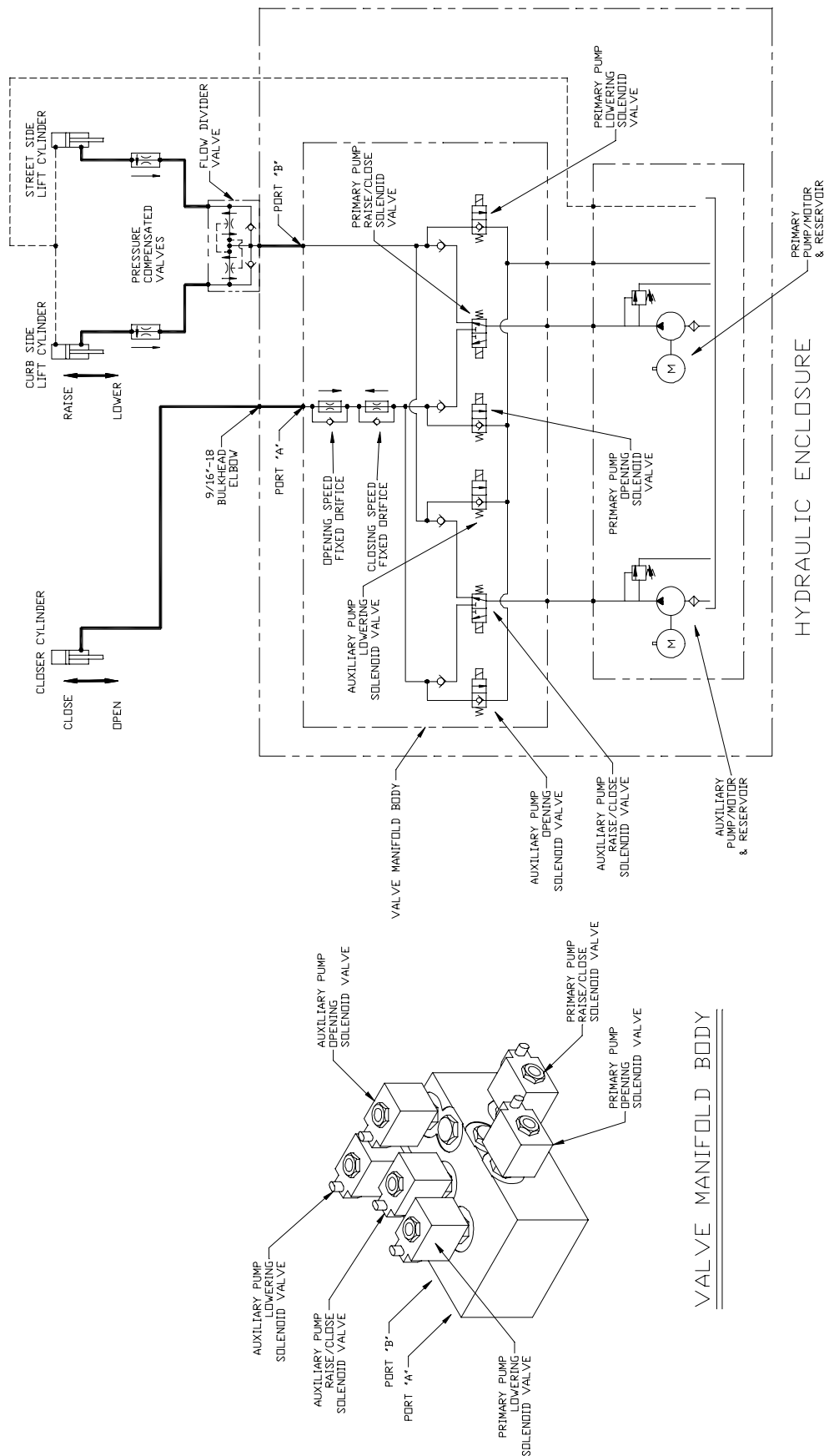
WDL RM SERIES HYDRAULIC SCHEMATIC w/ SUPER SWITCH CONTROL

Built from 7-04 thru 10-05

SINGLE PUMP w/ HAND PUMP



WDL RM SERIES HYDRAULIC SCHEMATIC w/ SUPER SWITCH CONTROL
Built from 7-04 thru 10-05
DUAL PUMP





Schematics

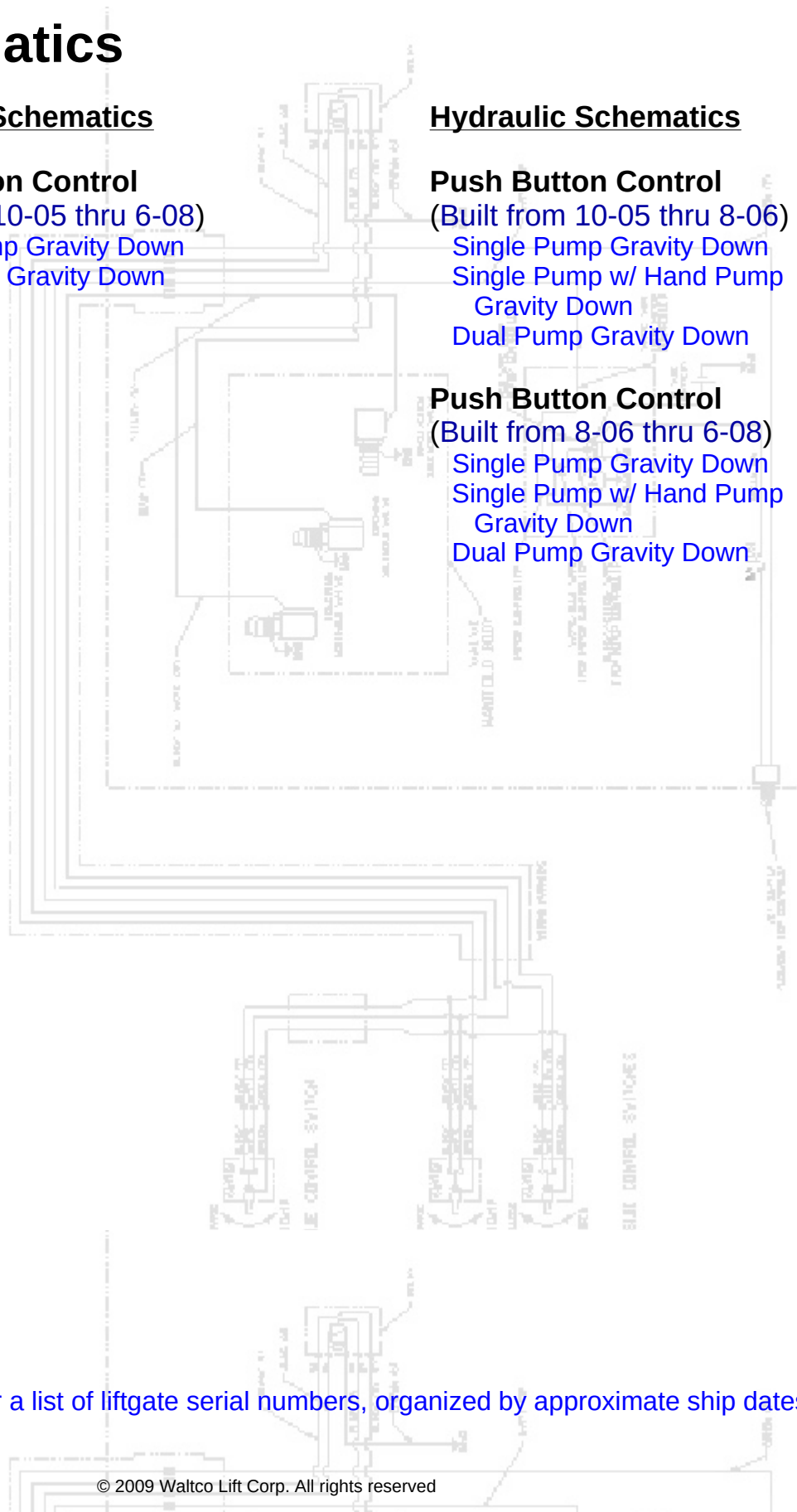
Electrical Schematics

Push Button Control
(Built from 10-05 thru 6-08)
Single Pump Gravity Down
Dual Pump Gravity Down

Hydraulic Schematics

Push Button Control
(Built from 10-05 thru 8-06)
Single Pump Gravity Down
Single Pump w/ Hand Pump
Gravity Down
Dual Pump Gravity Down

Push Button Control
(Built from 8-06 thru 6-08)
Single Pump Gravity Down
Single Pump w/ Hand Pump
Gravity Down
Dual Pump Gravity Down

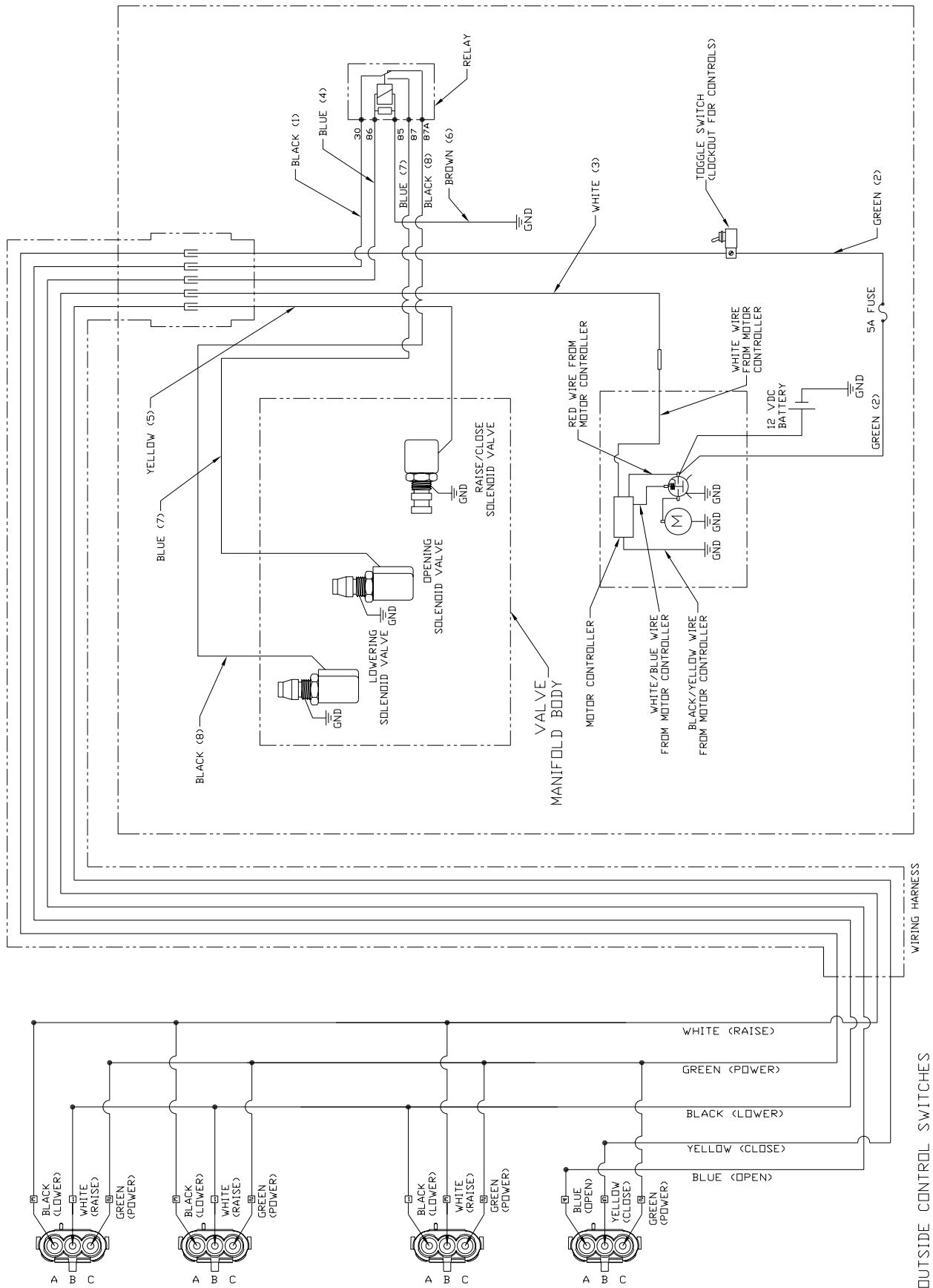


[Click here for a list of liftgate serial numbers, organized by approximate ship dates.](#)

WDL US SERIES ELECTRICAL SCHEMATIC w/ PUSH BUTTON CONTROL

Built from 10-05 thru 6-08

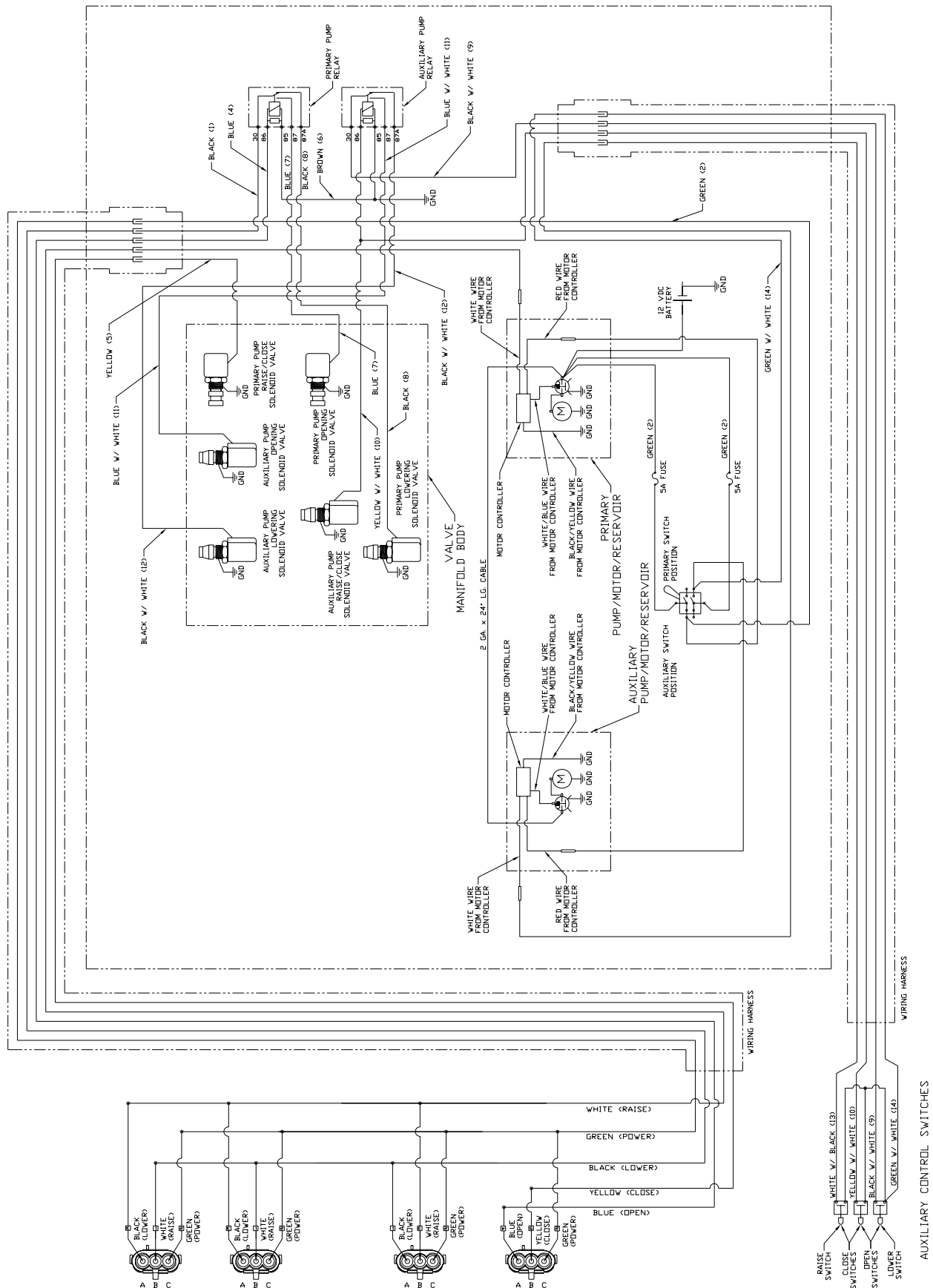
SINGLE PUMP



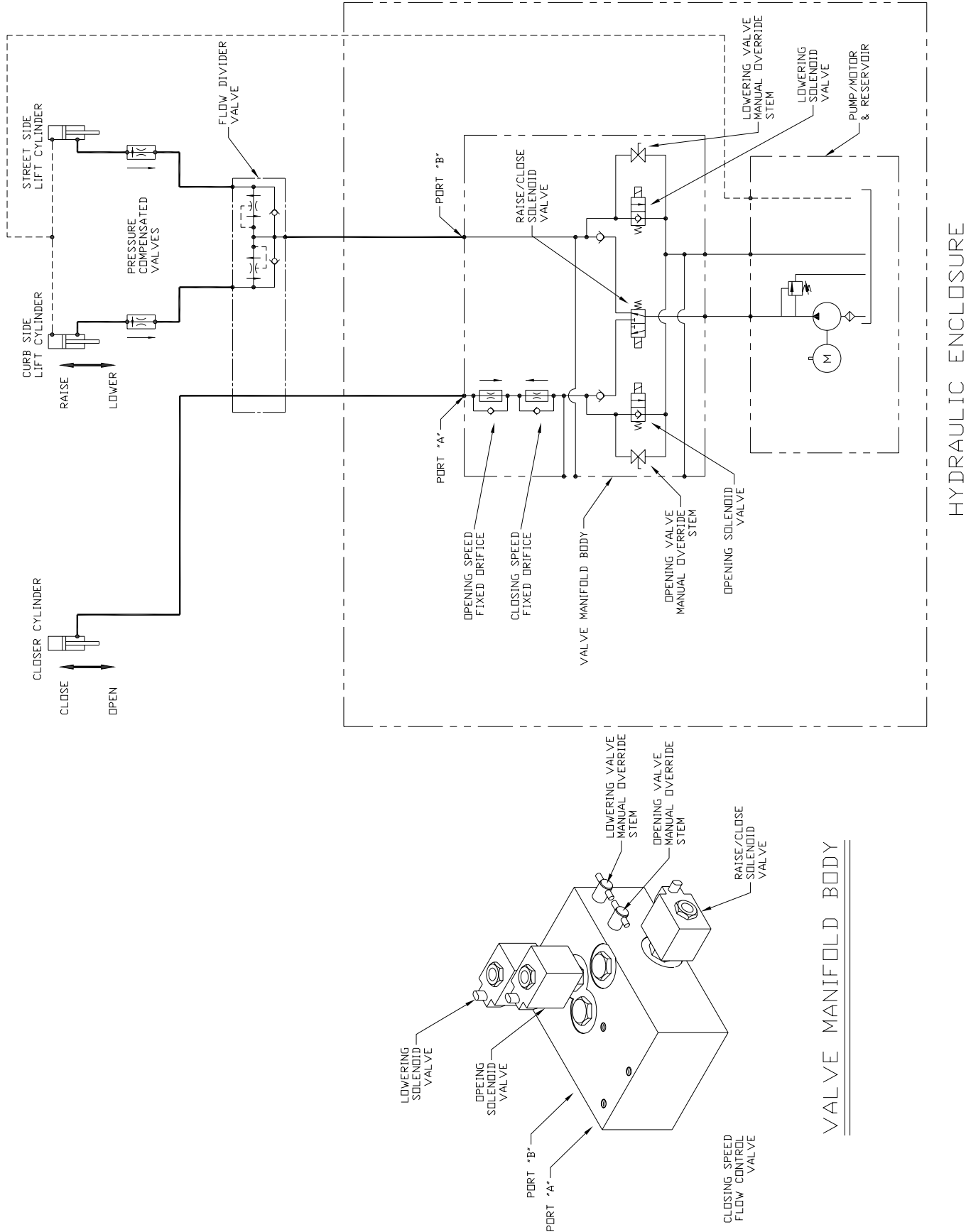
WDL US SERIES ELECTRICAL SCHEMATIC w/ PUSH BUTTON CONTROL

Built from 10-05 thru 6-08

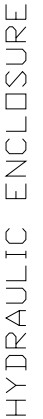
DUAL PUMP



WDL US SERIES HYDRAULIC SCHEMATIC w/ PUSH BUTTON CONTROL
Built from 10-05 thru 8-06
SINGLE PUMP



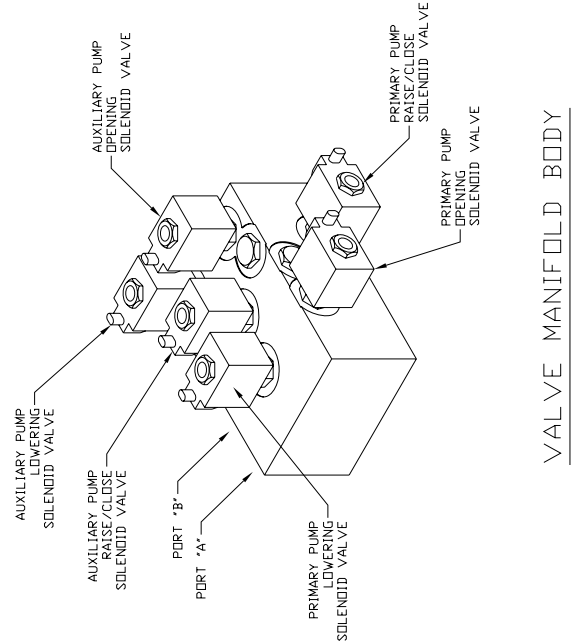
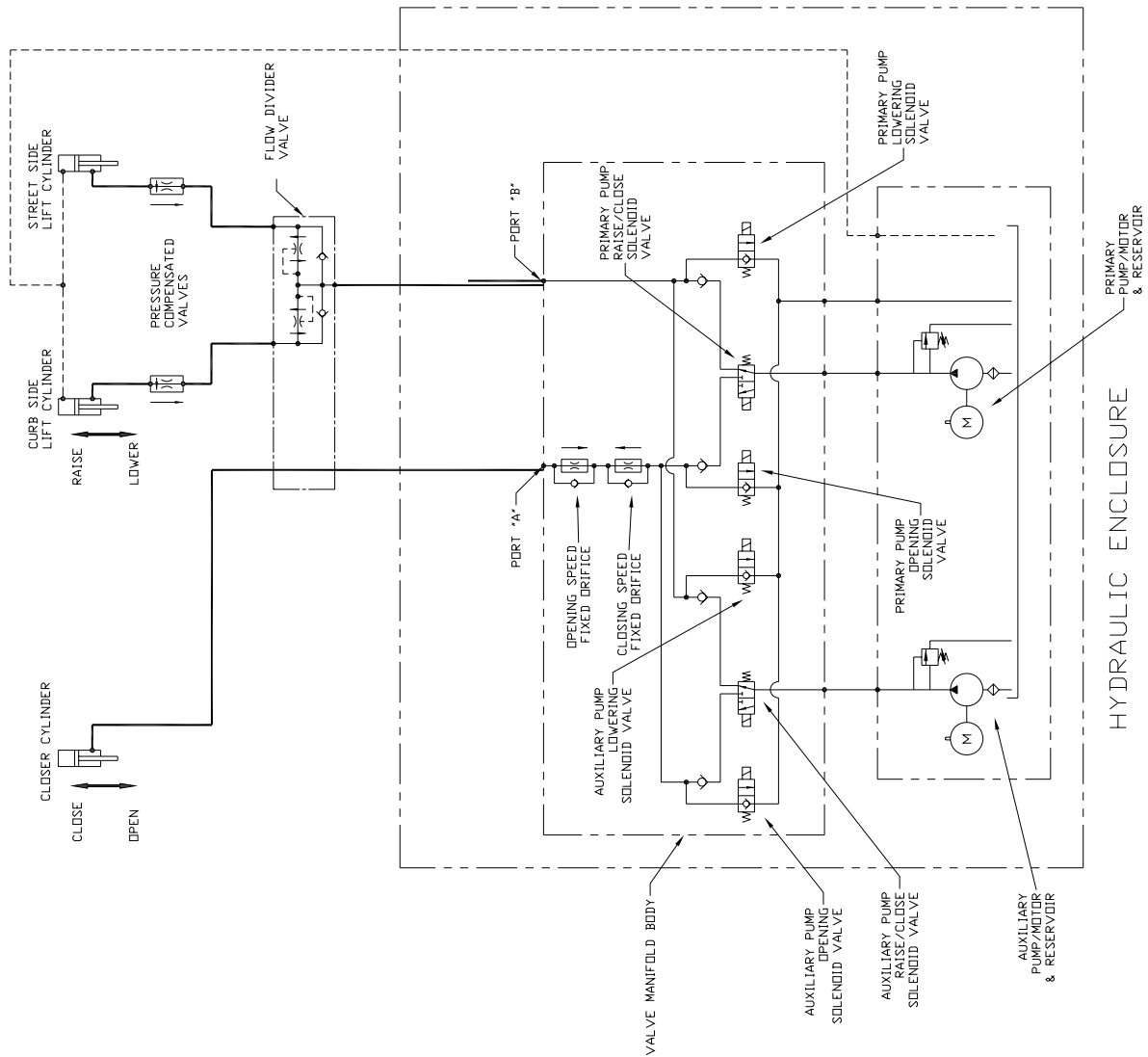
SINGLE PUMP w/ HAND PUMP



WDL US SERIES HYDRAULIC SCHEMATIC w/ PUSH BUTTON CONTROL

Built from 10-05 thru 8-06

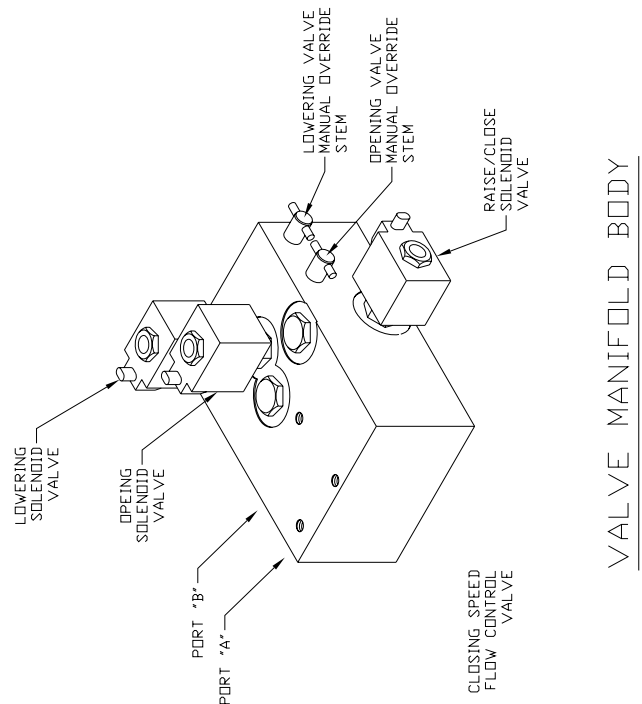
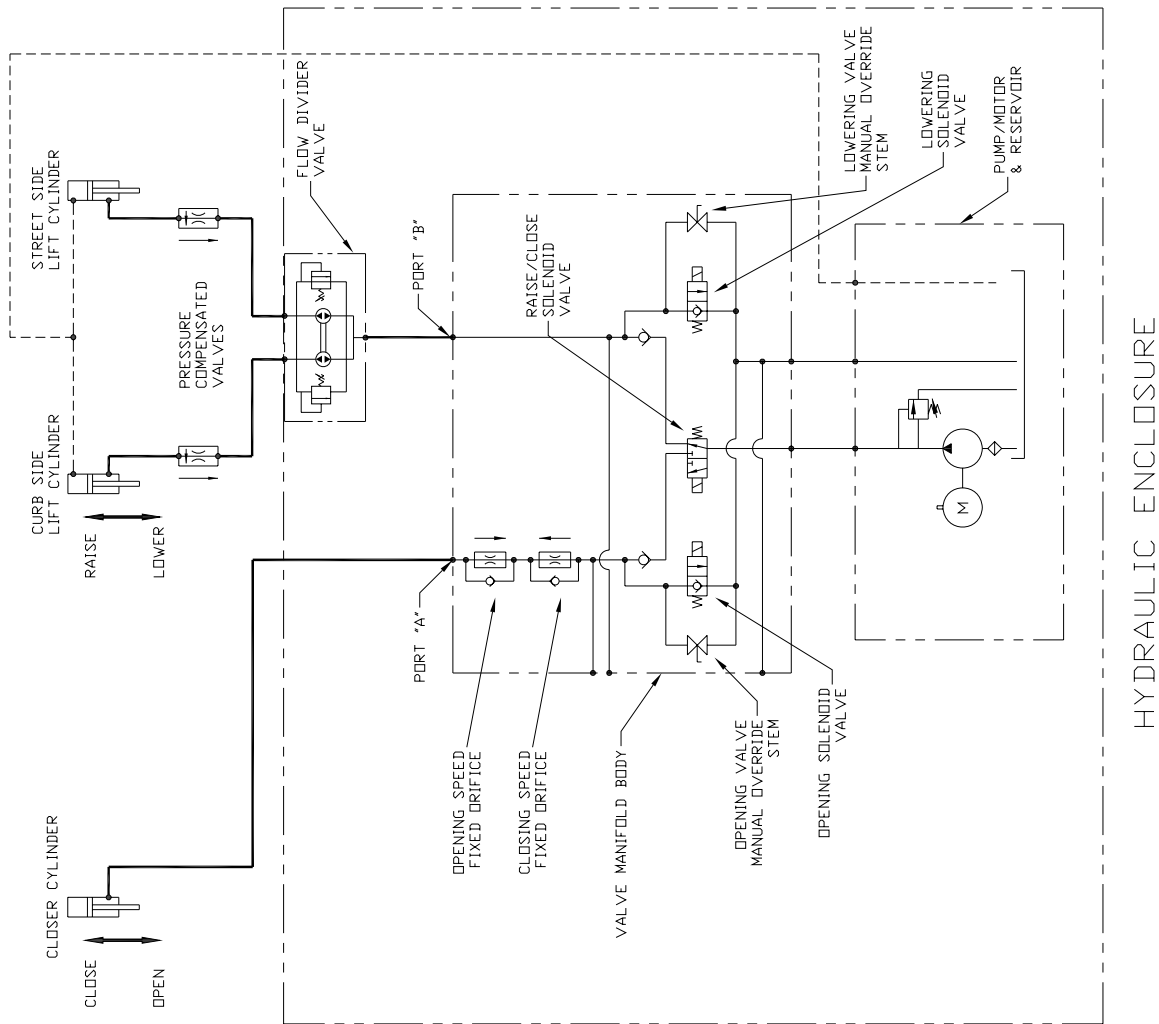
DUAL PUMP



WDL US SERIES HYDRAULIC SCHEMATIC w/ PUSH BUTTON CONTROL

Built from 8-06 thru 6-08

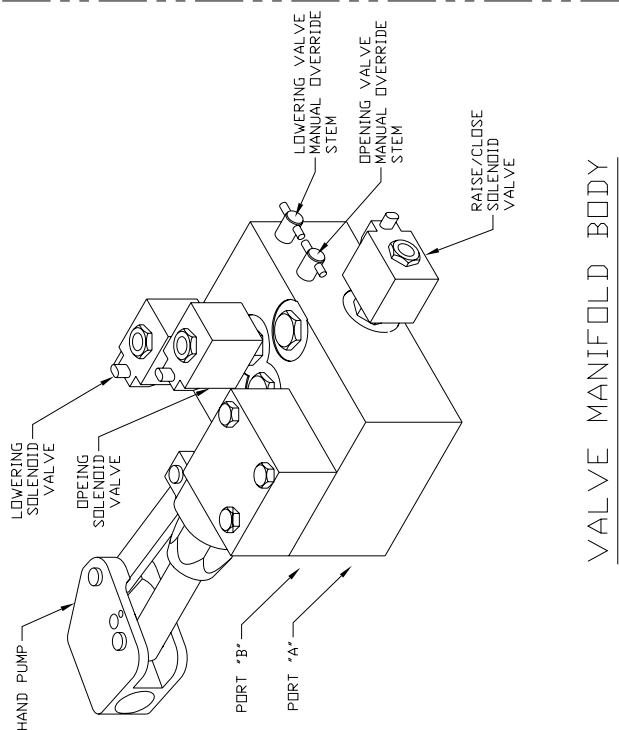
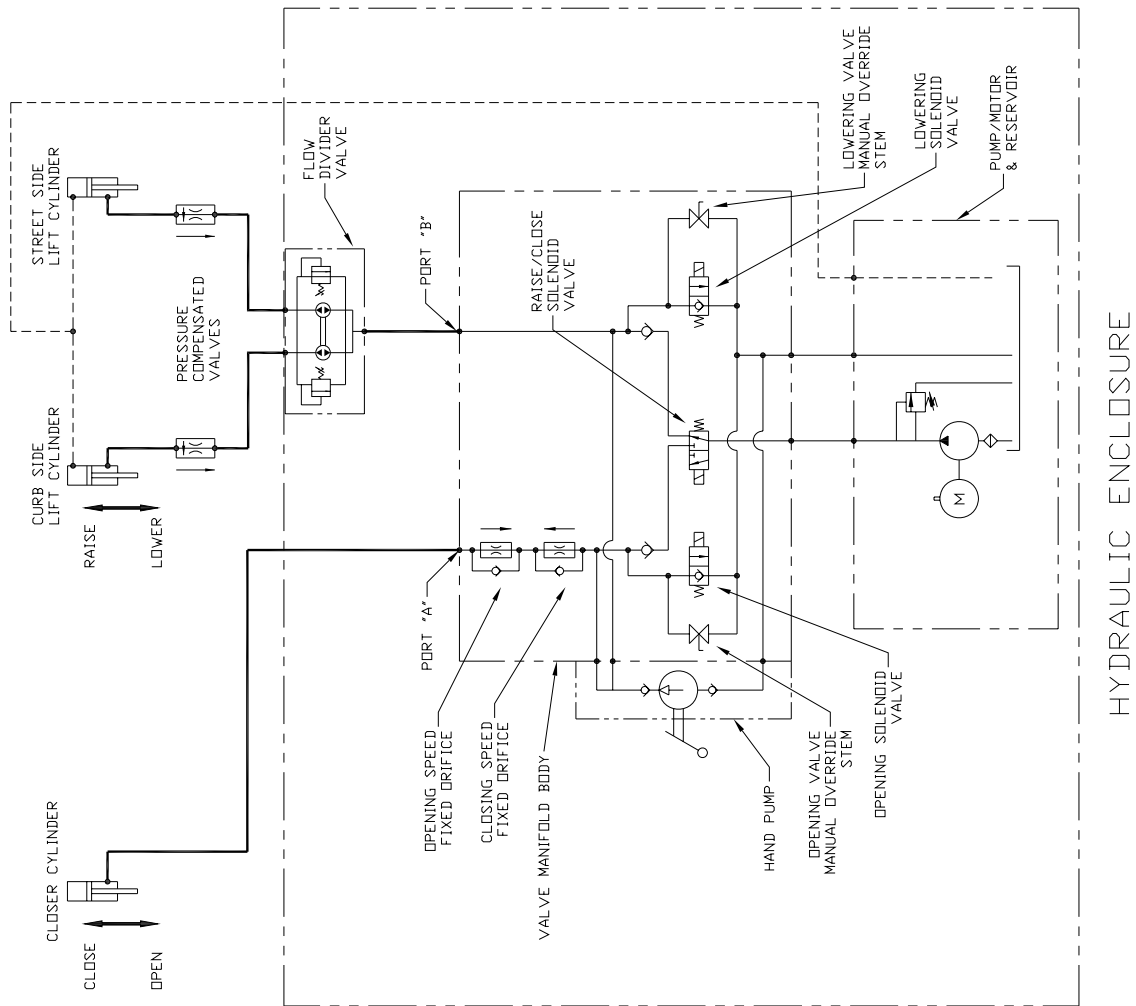
SINGLE PUMP



WDL US SERIES HYDRAULIC SCHEMATIC w/ PUSH BUTTON CONTROL

Built from 8-06 thru 6-08

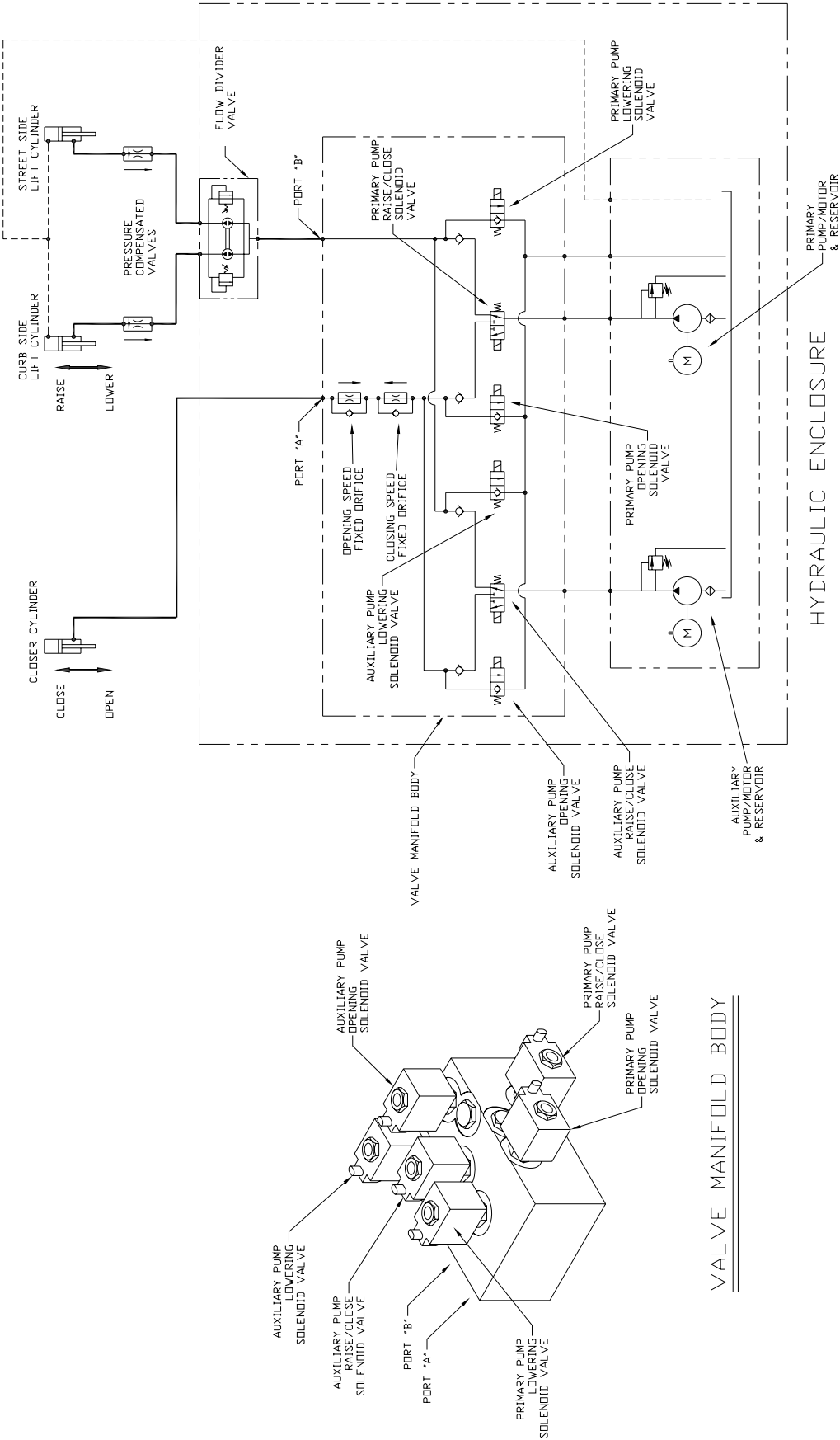
SINGLE PUMP w/ HAND PUMP



WDL US SERIES HYDRAULIC SCHEMATIC w/ PUSH BUTTON CONTROL

Built from 8-06 thru 6-08

DUAL PUMP



Schematics

Electrical Schematics

Push Button Control

(Built from 2-07 thru 10-07)

Single Pump Gravity Down

Dual Pump Gravity Down

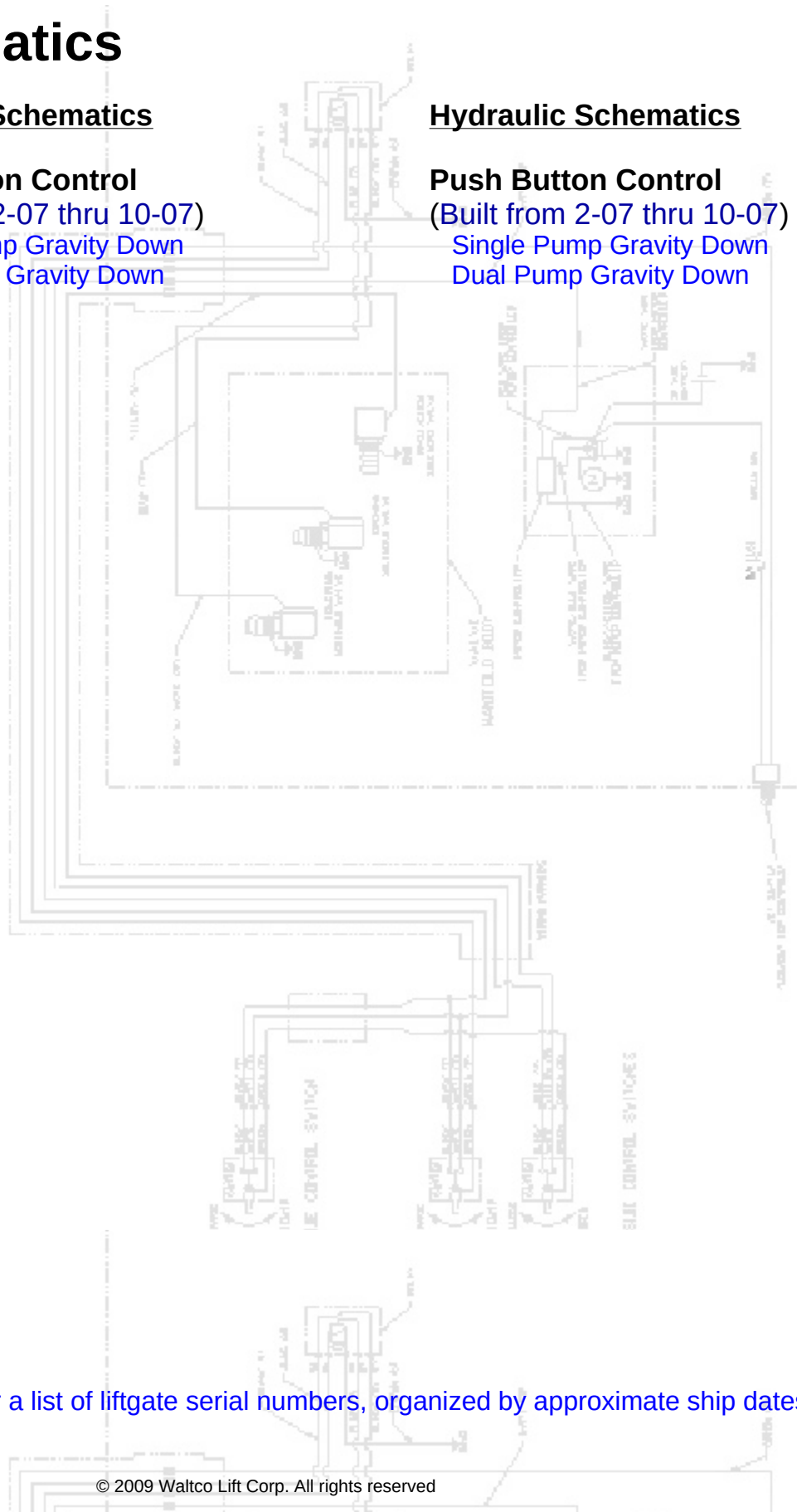
Hydraulic Schematics

Push Button Control

(Built from 2-07 thru 10-07)

Single Pump Gravity Down

Dual Pump Gravity Down

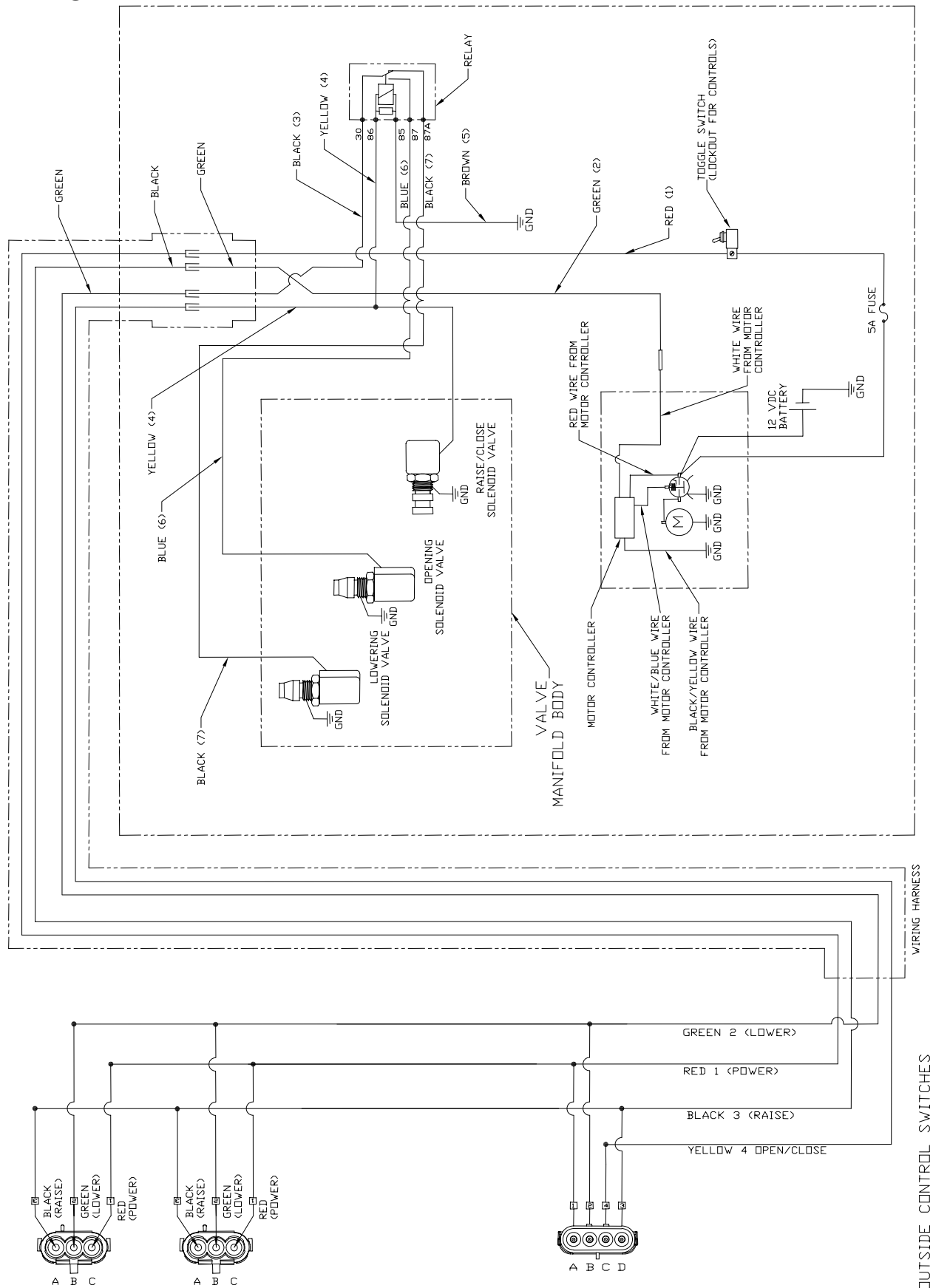


[Click here for a list of liftgate serial numbers, organized by approximate ship dates.](#)

WDL U1 SERIES ELECTRICAL SCHEMATIC w/ PUSH BUTTON CONTROL

Built from 2-07 thru 10-07

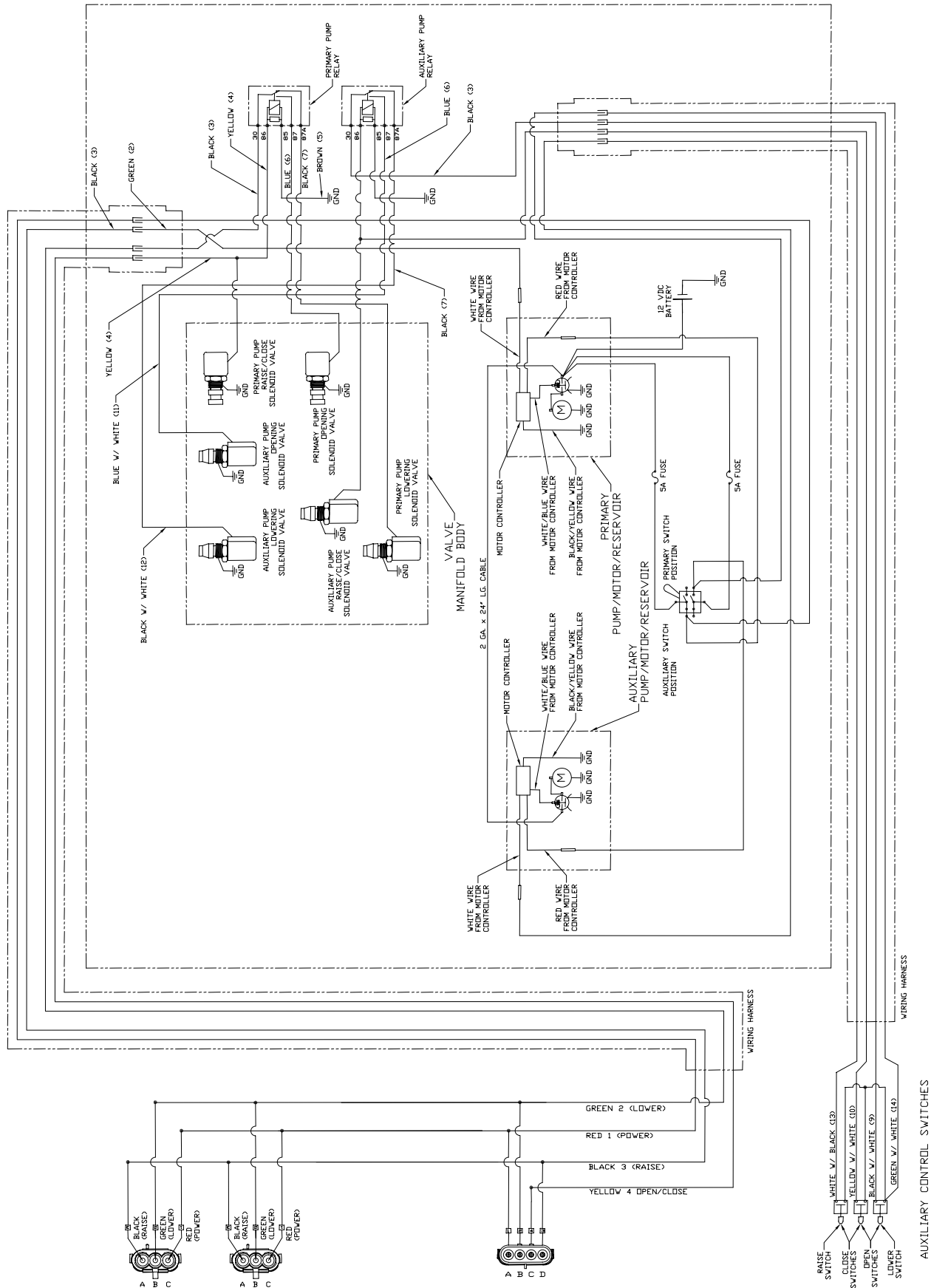
SINGLE PUMP



WDL U1 SERIES ELECTRICAL SCHEMATIC w/ PUSH BUTTON CONTROL

Built from 2-07 thru 10-07

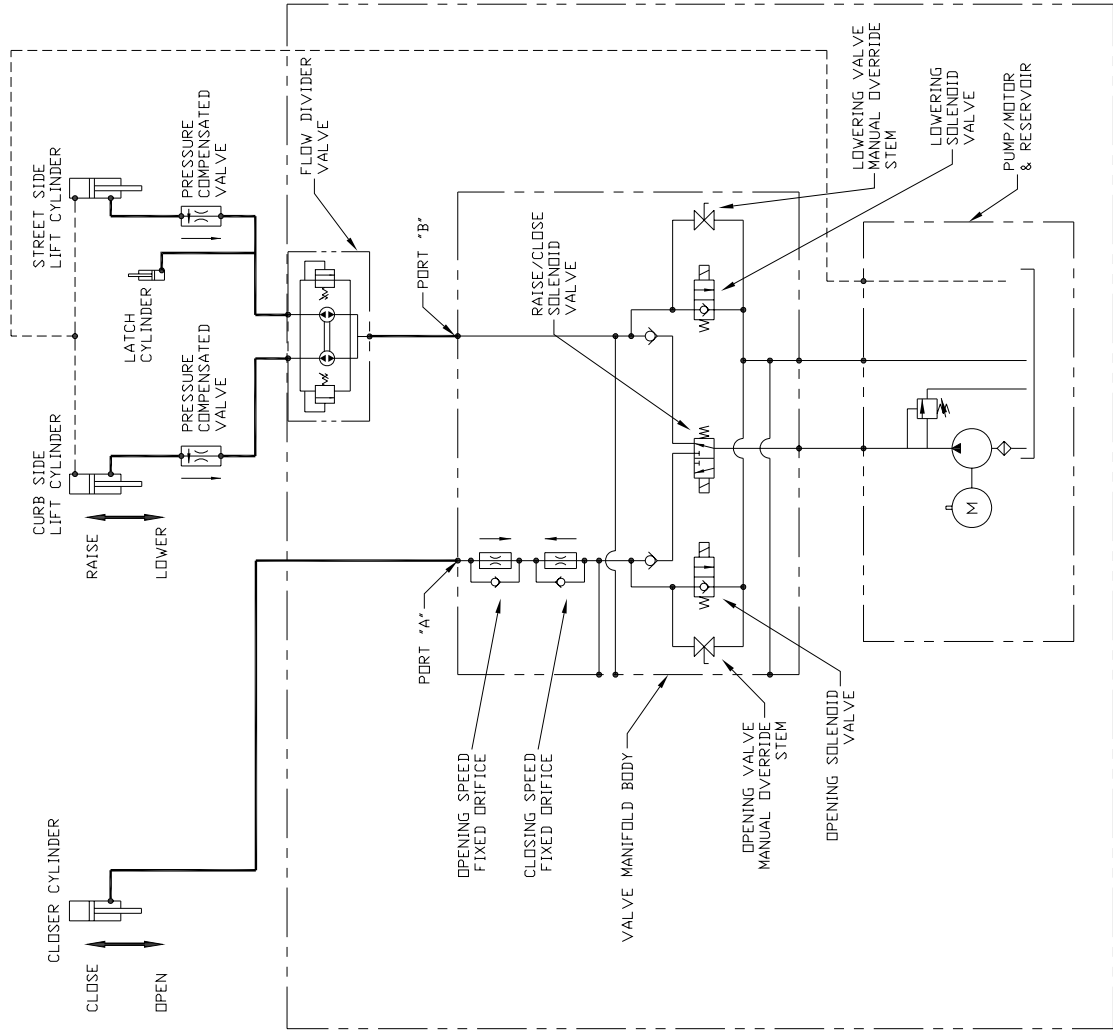
DUAL PUMP



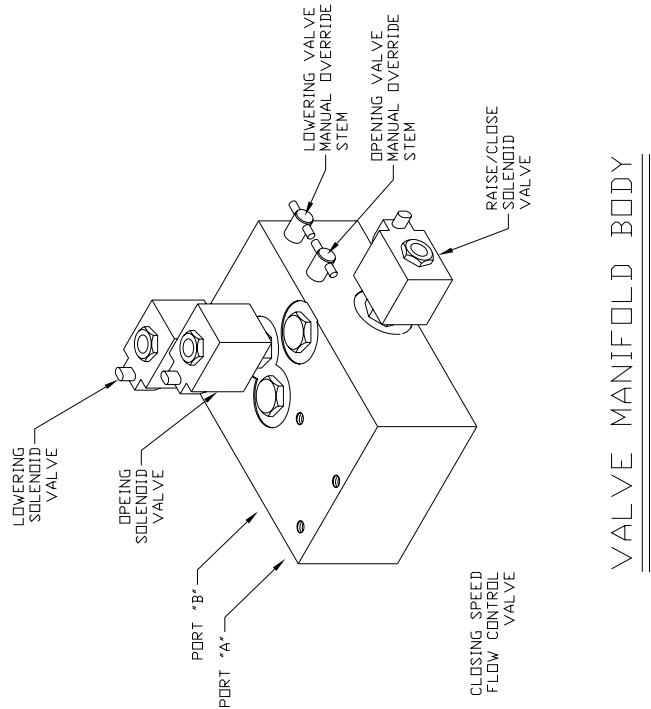
WDL U1 SERIES HYDRAULIC SCHEMATIC w/ PUSH BUTTON CONTROL

Built from 2-07 thru 10-07

SINGLE PUMP

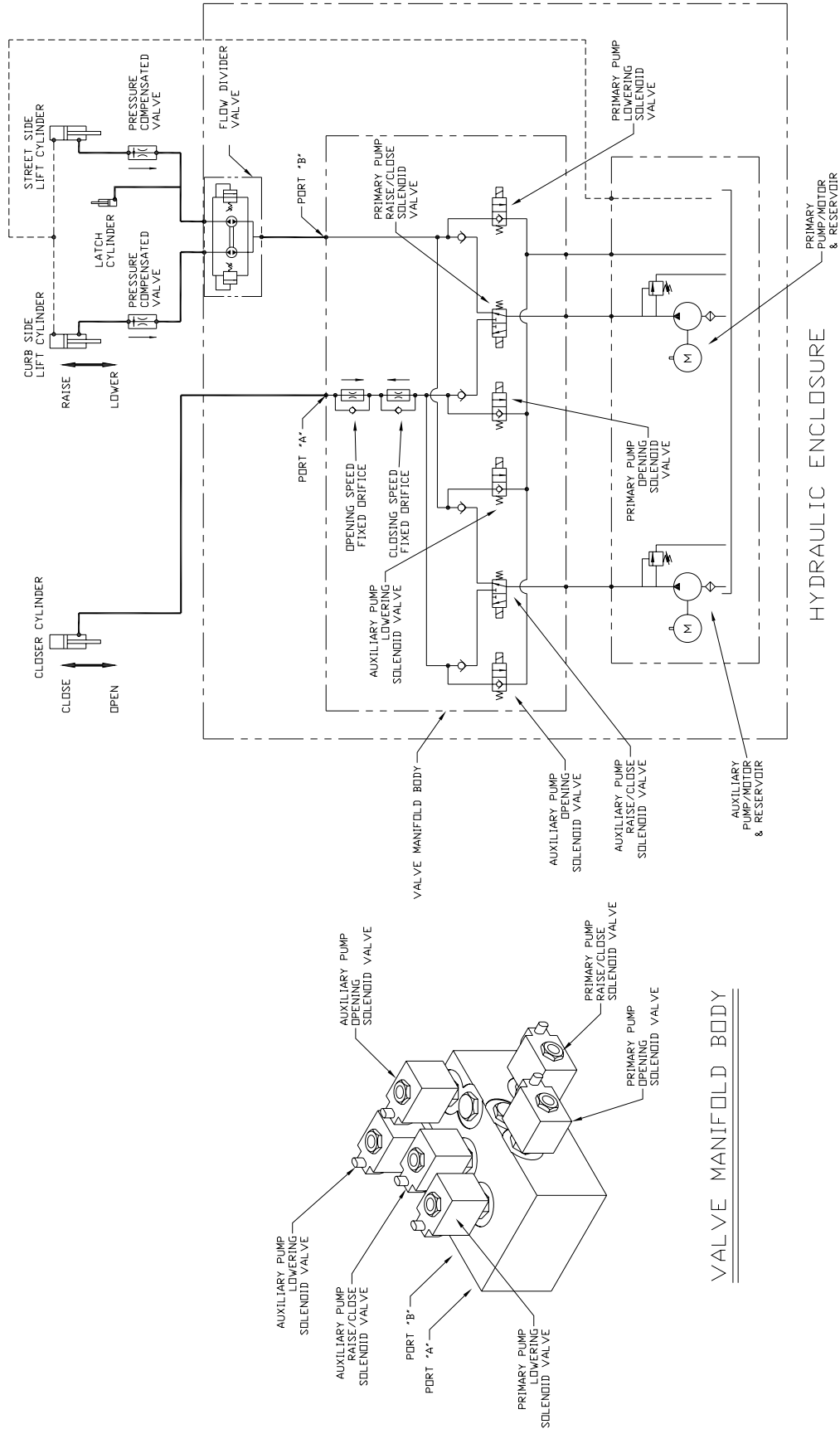


HYDRAULIC ENCLOSURE



VALVE MANIFOLD BODY

WDL U1 SERIES HYDRAULIC SCHEMATIC w/ PUSH BUTTON CONTROL
Built from 2-07 thru 10-07
DUAL PUMP





WDL XT

Schematics

Electrical Schematics

Push Button Control

(Built from 10-07 thru 6-08)

Single Pump & Single Pump
w/ Hand Pump Gravity Down
Single Pump & Single Pump
w/ Hand Pump Power Down
Dual Pump & Dual Pump
w/ Hand Pump Gravity Down
Dual Pump Power Down

Push Button Control

(Built from 6-08 thru 1-09)

Single Pump & Single Pump
w/ Hand Pump Gravity Down
Single Pump & Single Pump
w/ Hand Pump Power Down
Dual Pump & Dual Pump
w/ Hand Pump Gravity Down
Dual Pump Power Down

Push Button Control

(Built from 1-09 thru 4-09)

Single Pump & Single Pump
w/ Hand Pump Gravity Down
Single Pump & Single Pump
w/ Hand Pump Power Down
Dual Pump & Dual Pump
w/ Hand Pump Gravity Down
Dual Pump Power Down

Hydraulic Schematics

Push Button Control

(Built from 10-07 thru 6-08)

Single Pump & Single Pump
w/ Hand Pump Gravity Down
Single Pump & Single Pump
w/ Hand Pump Power Down
Dual Pump Gravity Down
Dual Pump w/ Hand Pump
Gravity Down
Dual Pump Power Down

Push Button Control

(Built from 6-08 thru 1-09)

Single Pump & Single Pump
w/ Hand Pump Gravity Down
Single Pump & Single Pump
w/ Hand Pump Power Down
Dual Pump Gravity Down
Dual Pump w/ Hand Pump
Gravity Down
Dual Pump Power Down

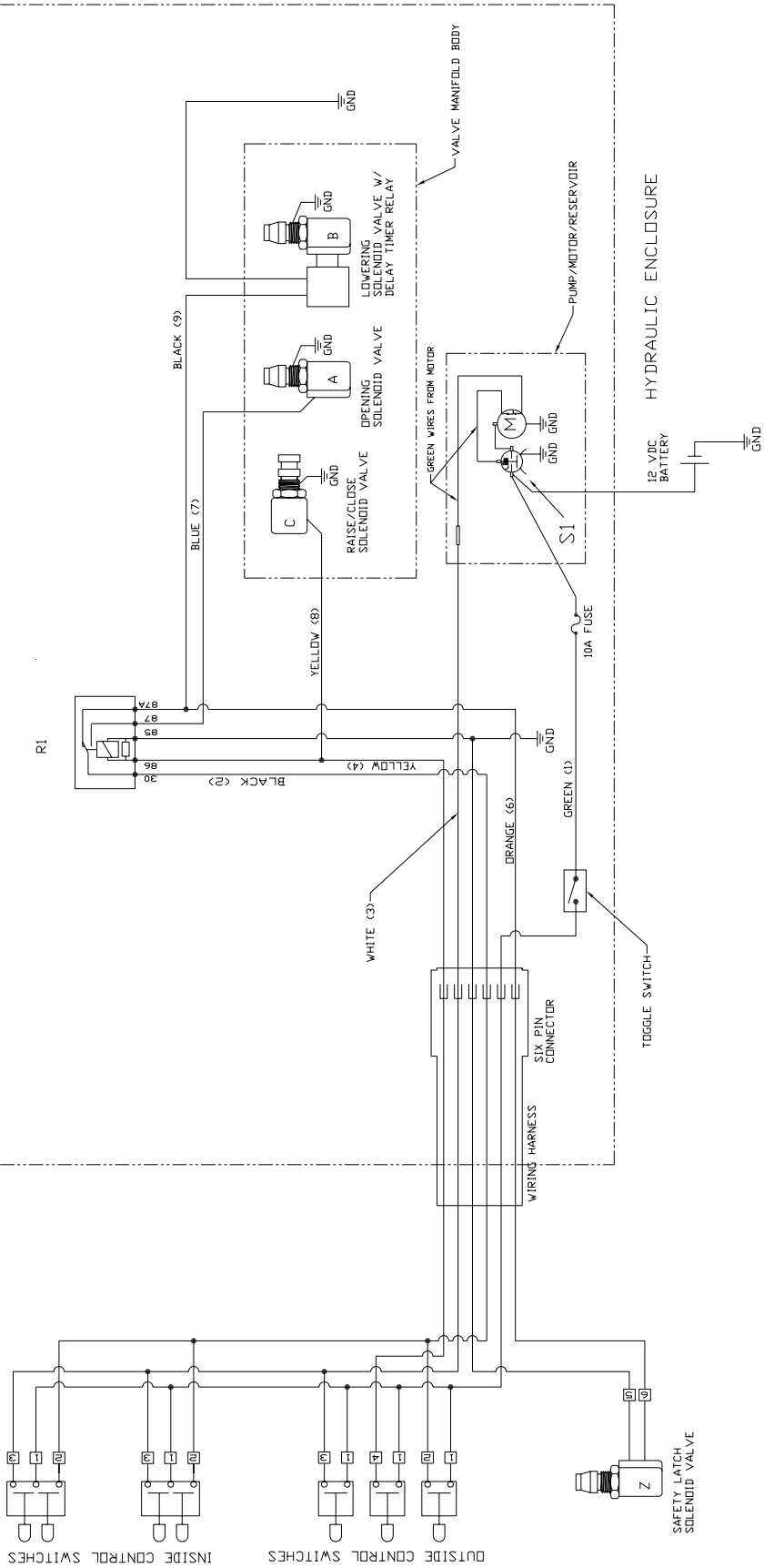
Push Button Control

(Built from 1-09 thru 4-09)

Single Pump & Single Pump
w/ Hand Pump Gravity Down
Single Pump & Single Pump
w/ Hand Pump Power Down
Dual Pump Gravity Down
Dual Pump w/ Hand Pump
Gravity Down
Dual Pump Power Down

[Click here for a list of liftgate serial numbers, organized by approximate ship dates.](#)

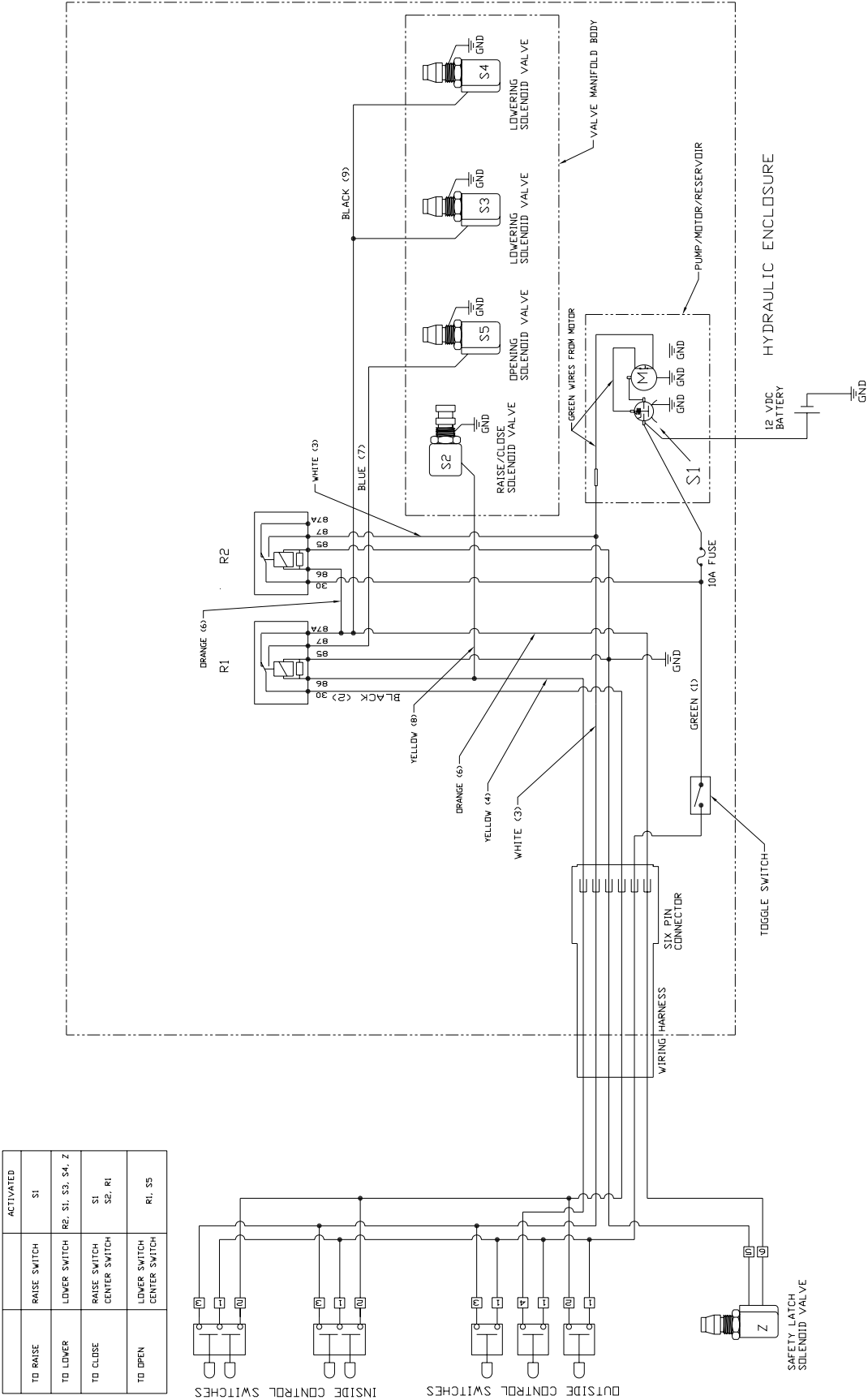
SINGLE PUMP & SINGLE PUMP w/ HAND PUMP GRAVITY DOWN



WDL XT SERIES ELECTRICAL SCHEMATIC w/ PUSH BUTTON CONTROL

Built from 10-07 thru 6-08

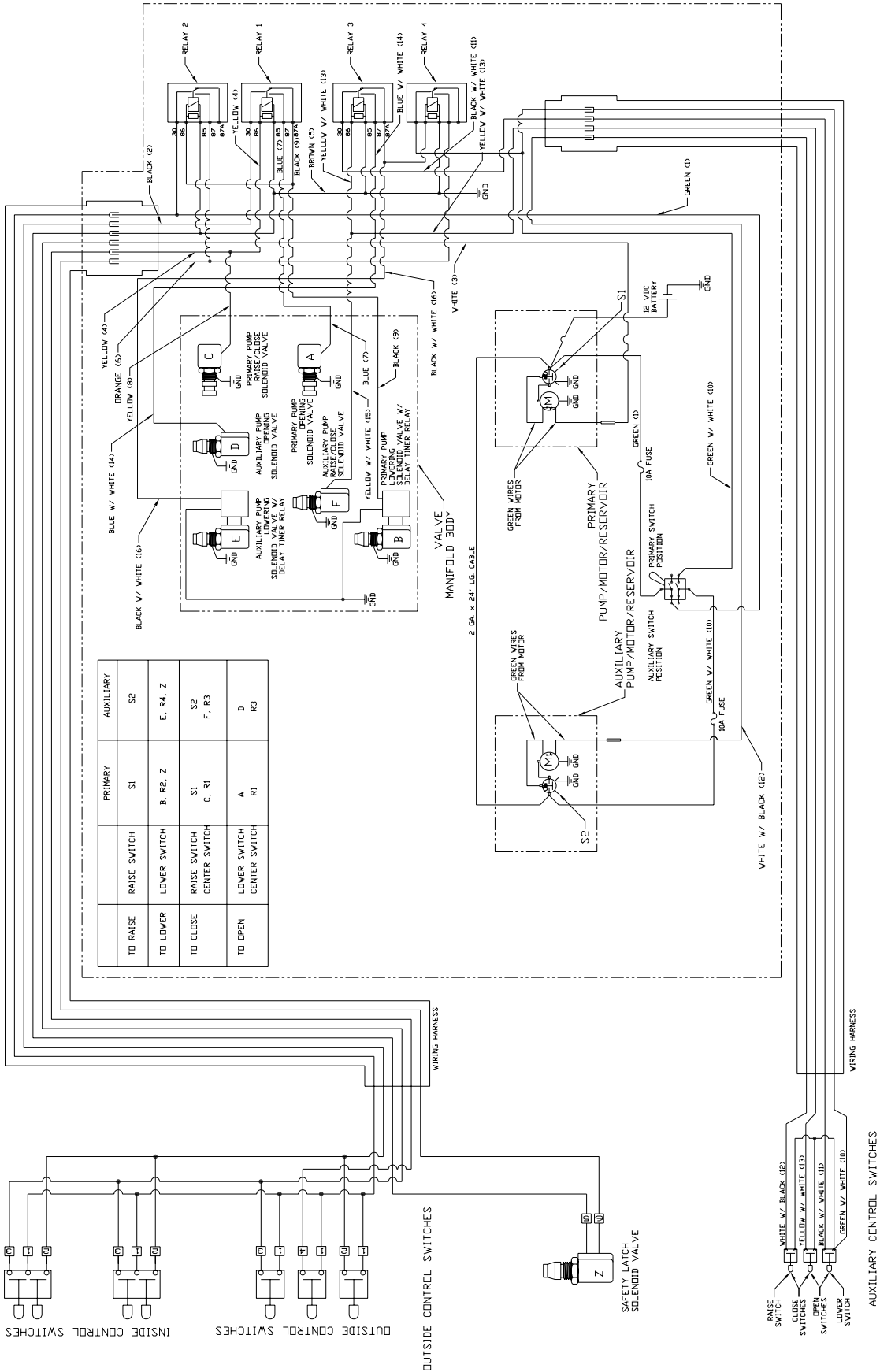
SINGLE PUMP & SINGLE PUMP w/ HAND PUMP POWER DOWN



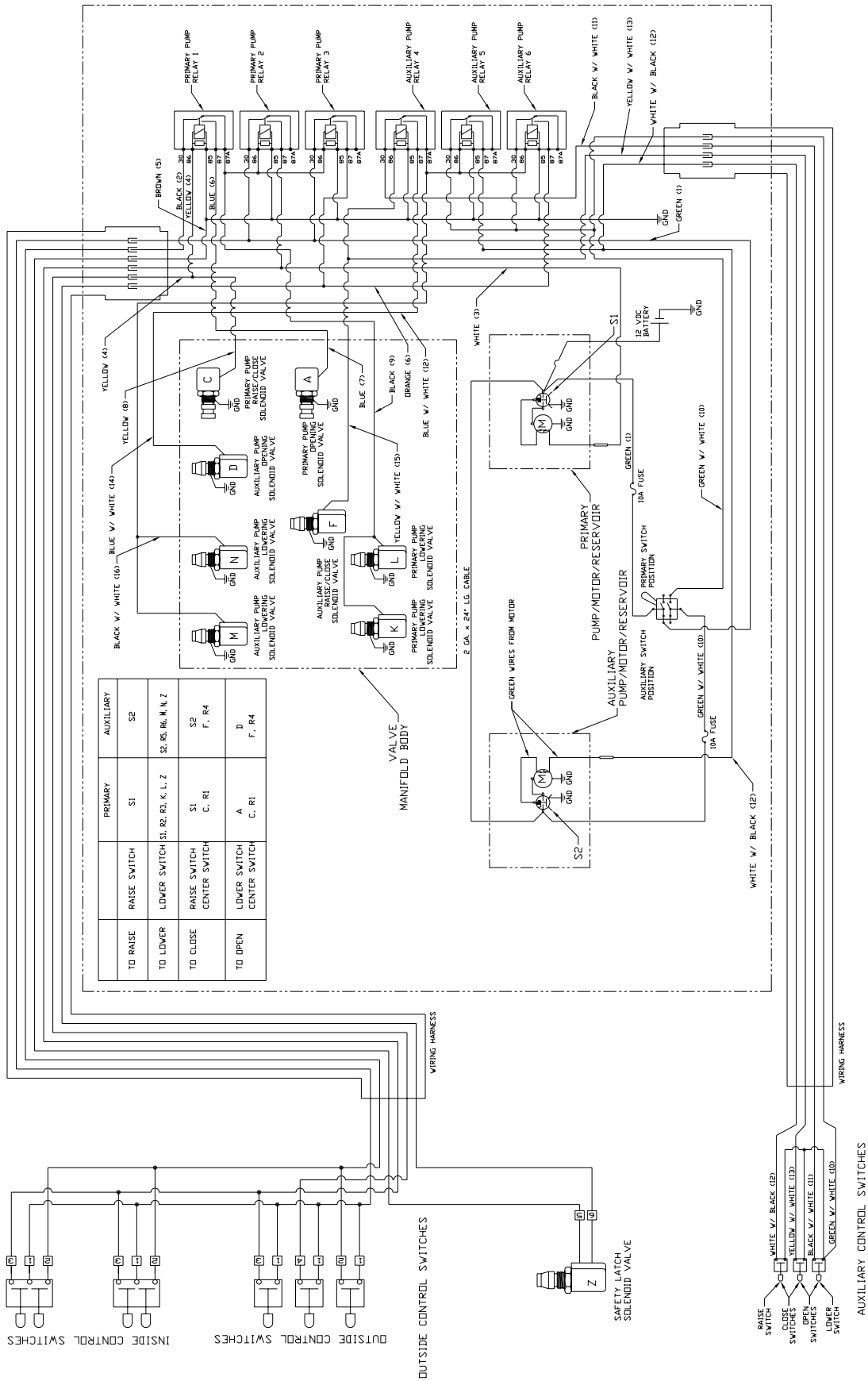
WDL XT SERIES ELECTRICAL SCHEMATIC w/ PUSH BUTTON CONTROL

Built from 10-07 thru 6-08

DUAL PUMP & DUAL PUMP w/ HAND PUMP GRAVITY DOWN



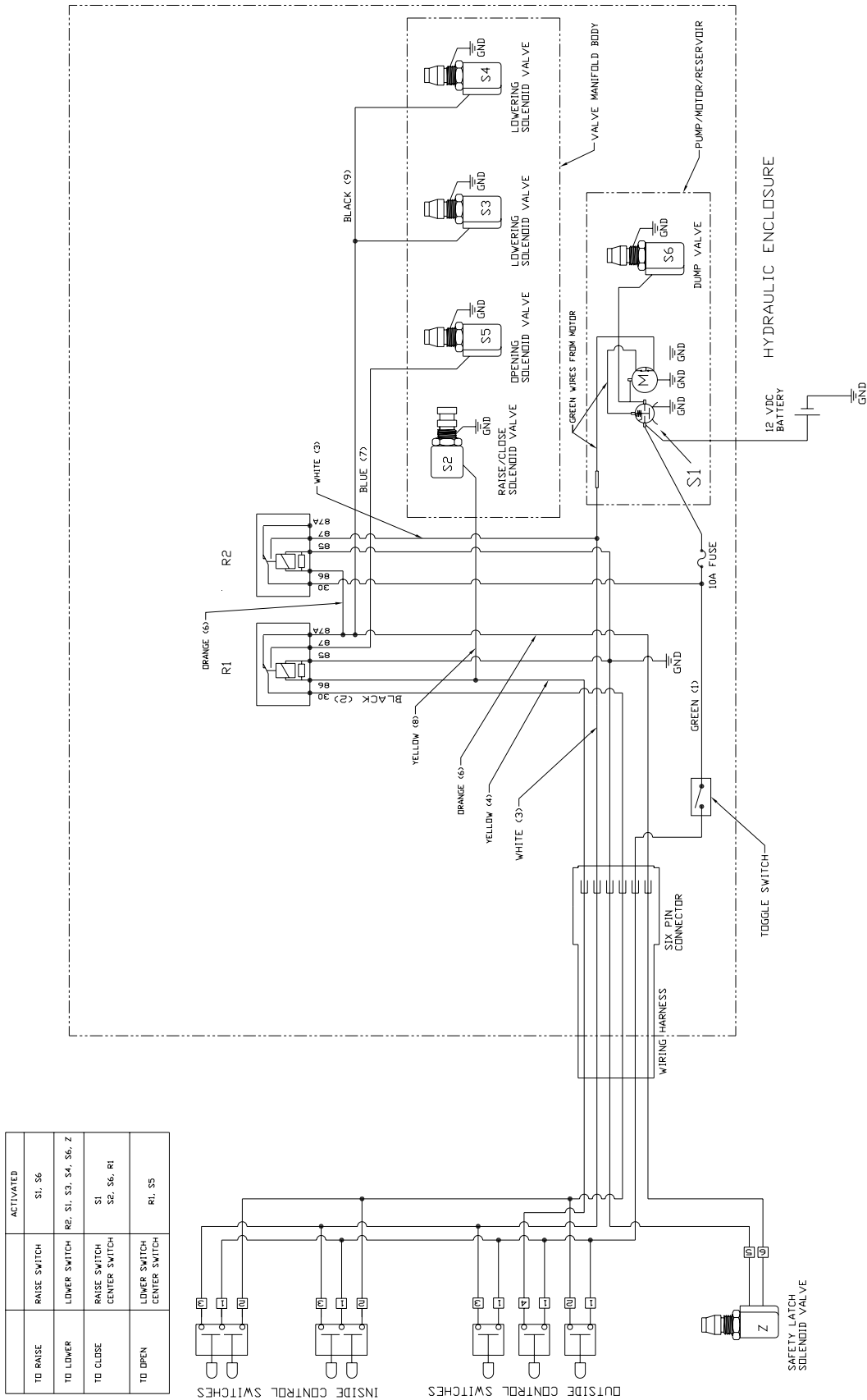
DUAL PUMP POWER DOWN



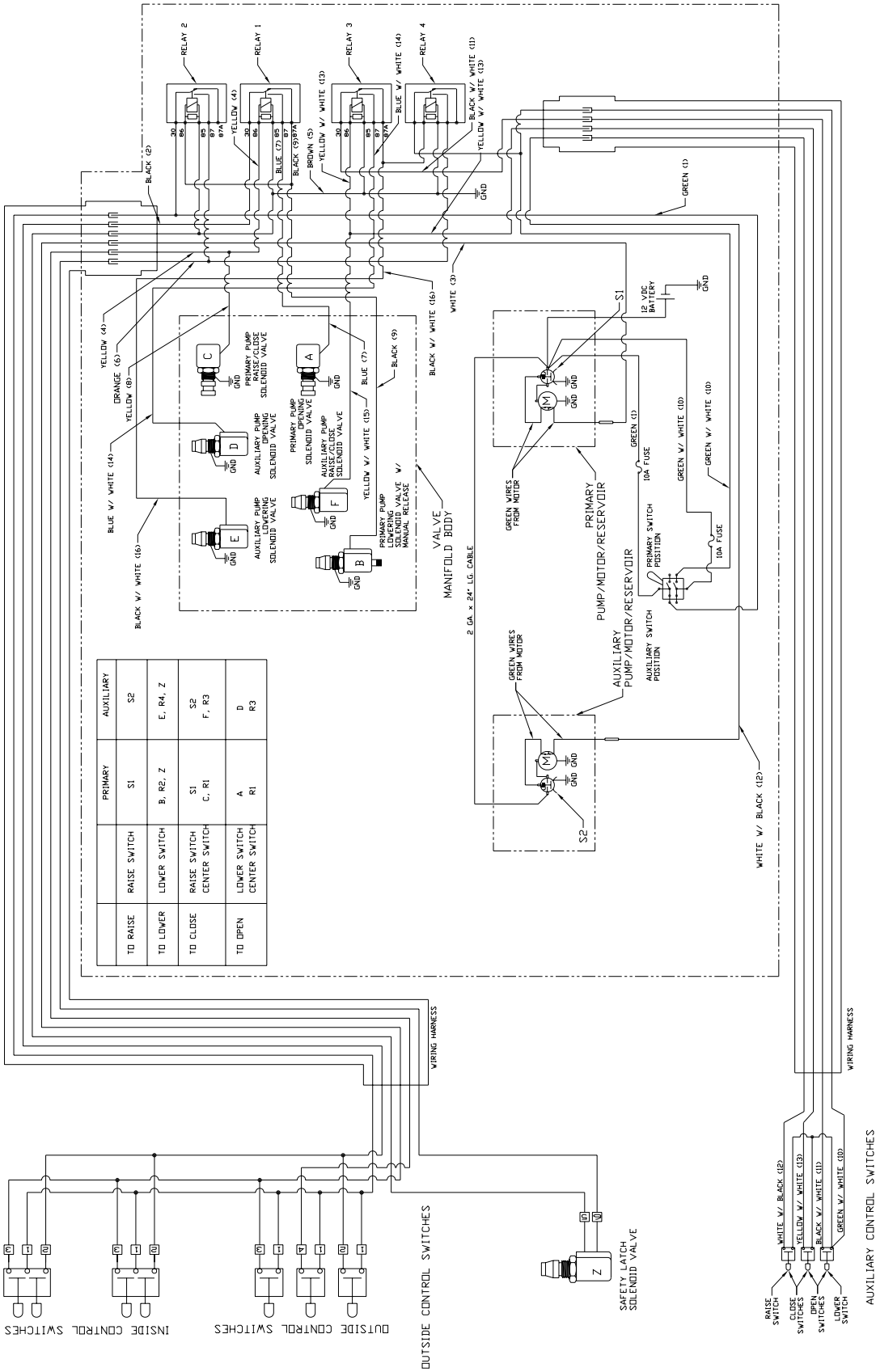
WDL XT SERIES ELECTRICAL SCHEMATIC w/ PUSH BUTTON CONTROL

Built from 6-08 thru 1-09

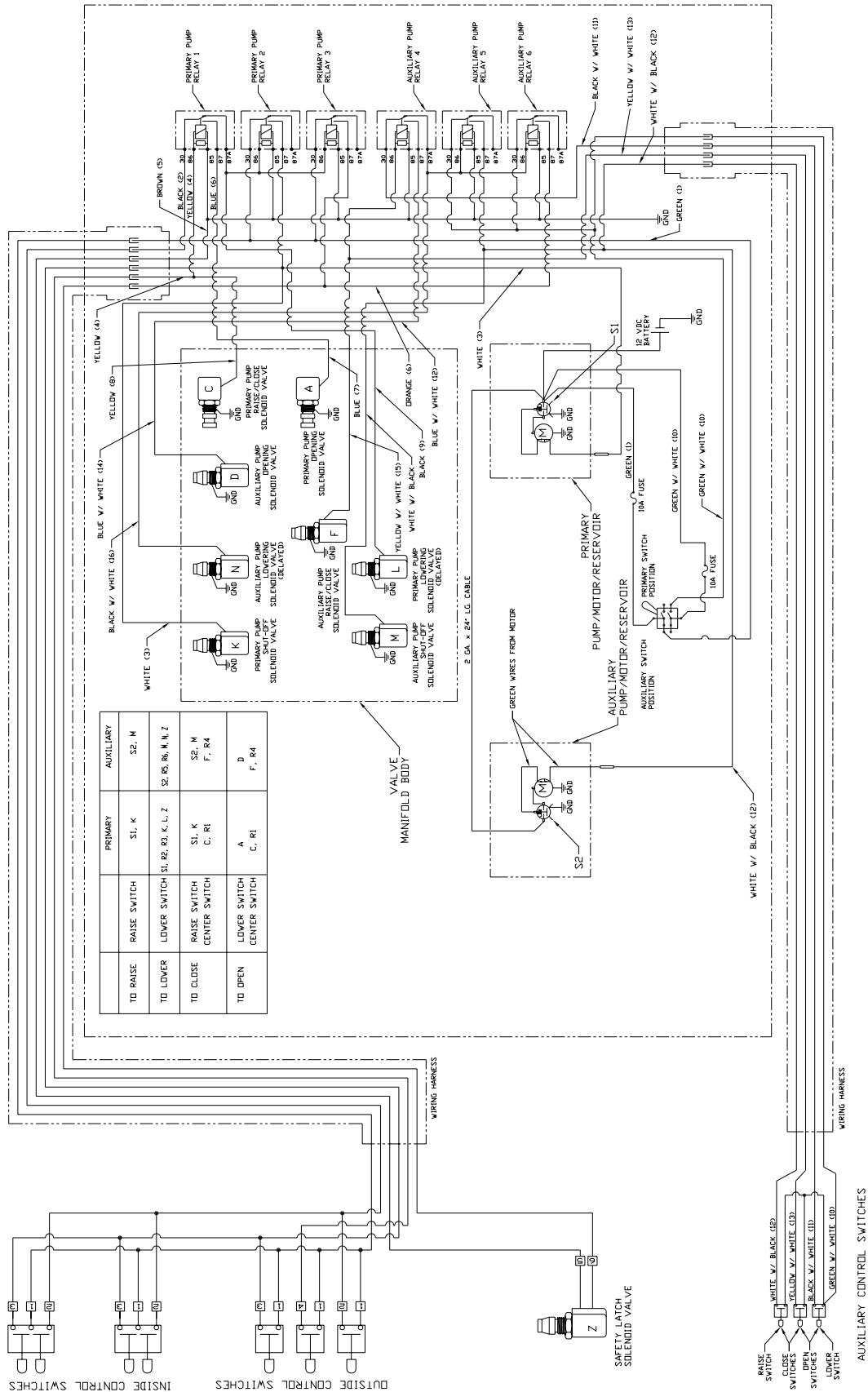
SINGLE PUMP & SINGLE PUMP w/ HAND PUMP POWER DOWN



WDL XT SERIES ELECTRICAL SCHEMATIC w/ PUSH BUTTON CONTROL
Built from 6-08 thru 1-09
DUAL PUMP & DUAL PUMP w/ HAND PUMP GRAVITY DOWN



DUAL PUMP & DUAL PUMP w/ HAND PUMP POWER DOWN

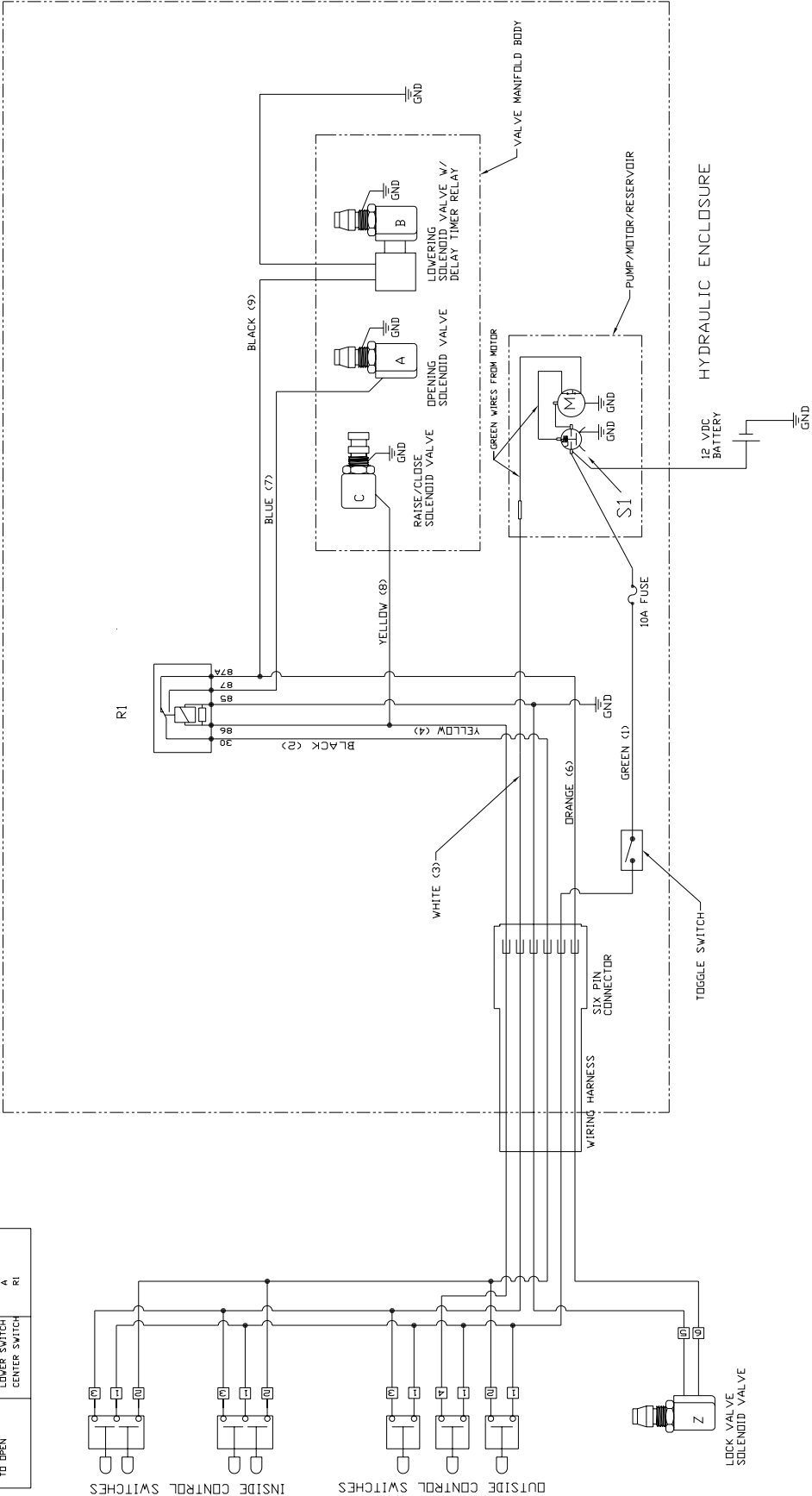


WDL XT SERIES ELECTRICAL SCHEMATIC w/ PUSH BUTTON CONTROL

Built from 1-09 thru 4-09

SINGLE PUMP & SINGLE PUMP w/ HAND PUMP GRAVITY DOWN

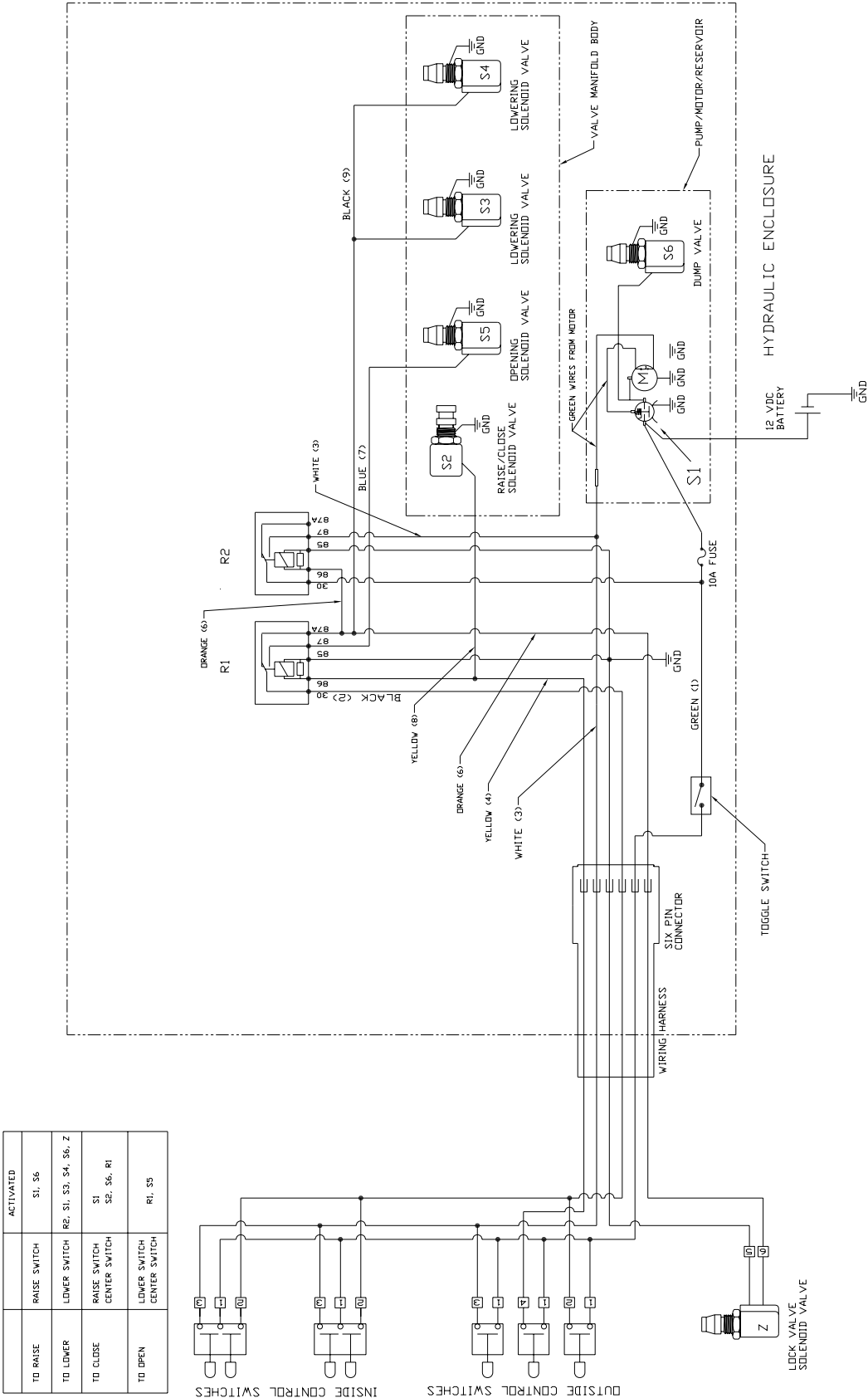
		ACTIVATED
TO RAISE	RAISE SWITCH	S1
TO LOWER	LOWER SWITCH	B, Z
TO CLOSE	RAISE SWITCH CENTER SWITCH	S1 C, RI
TO OPEN	LOWER SWITCH CENTER SWITCH	A RI



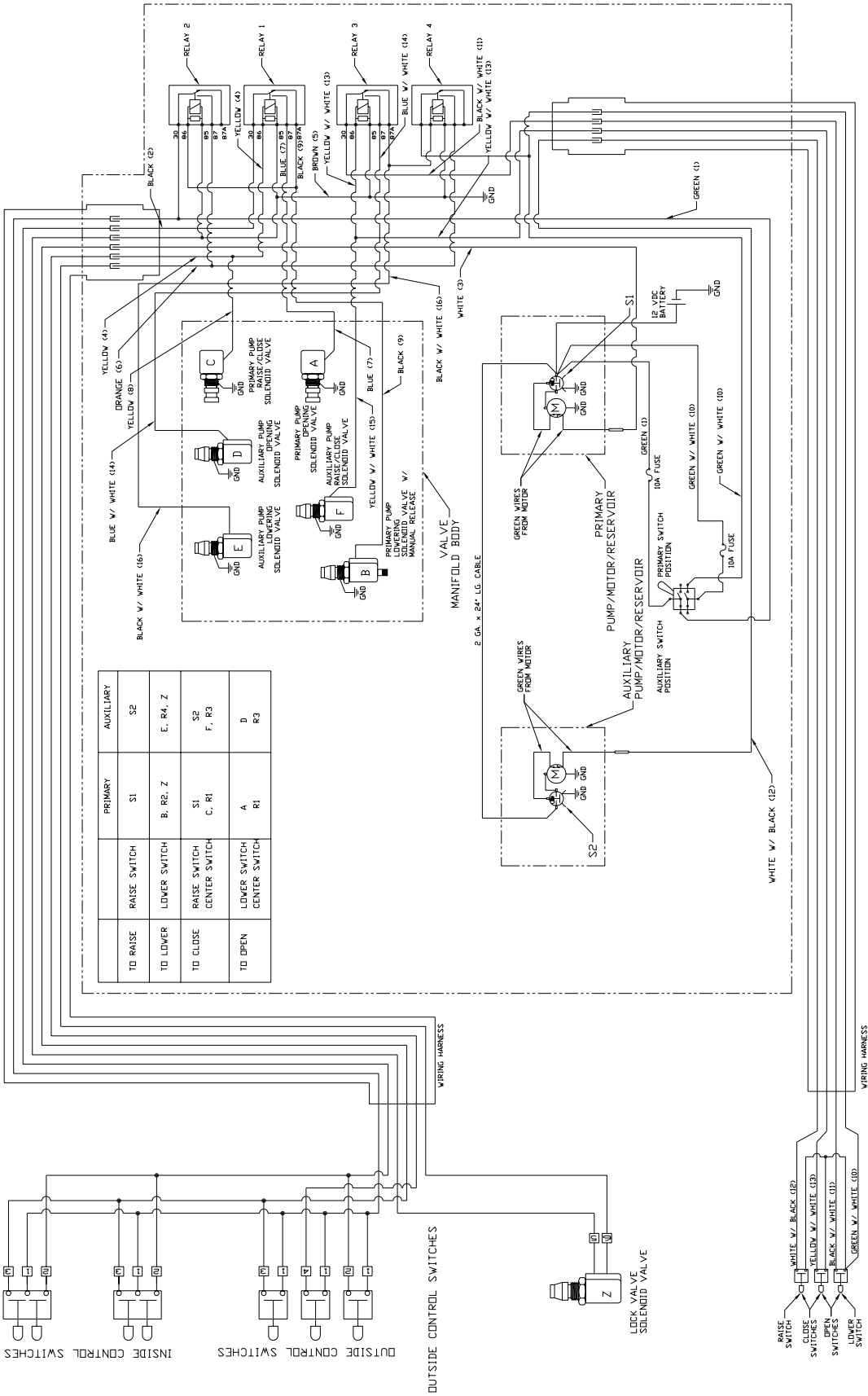
WDL XT SERIES ELECTRICAL SCHEMATIC w/ PUSH BUTTON CONTROL

Built from 1-09 thru 4-09

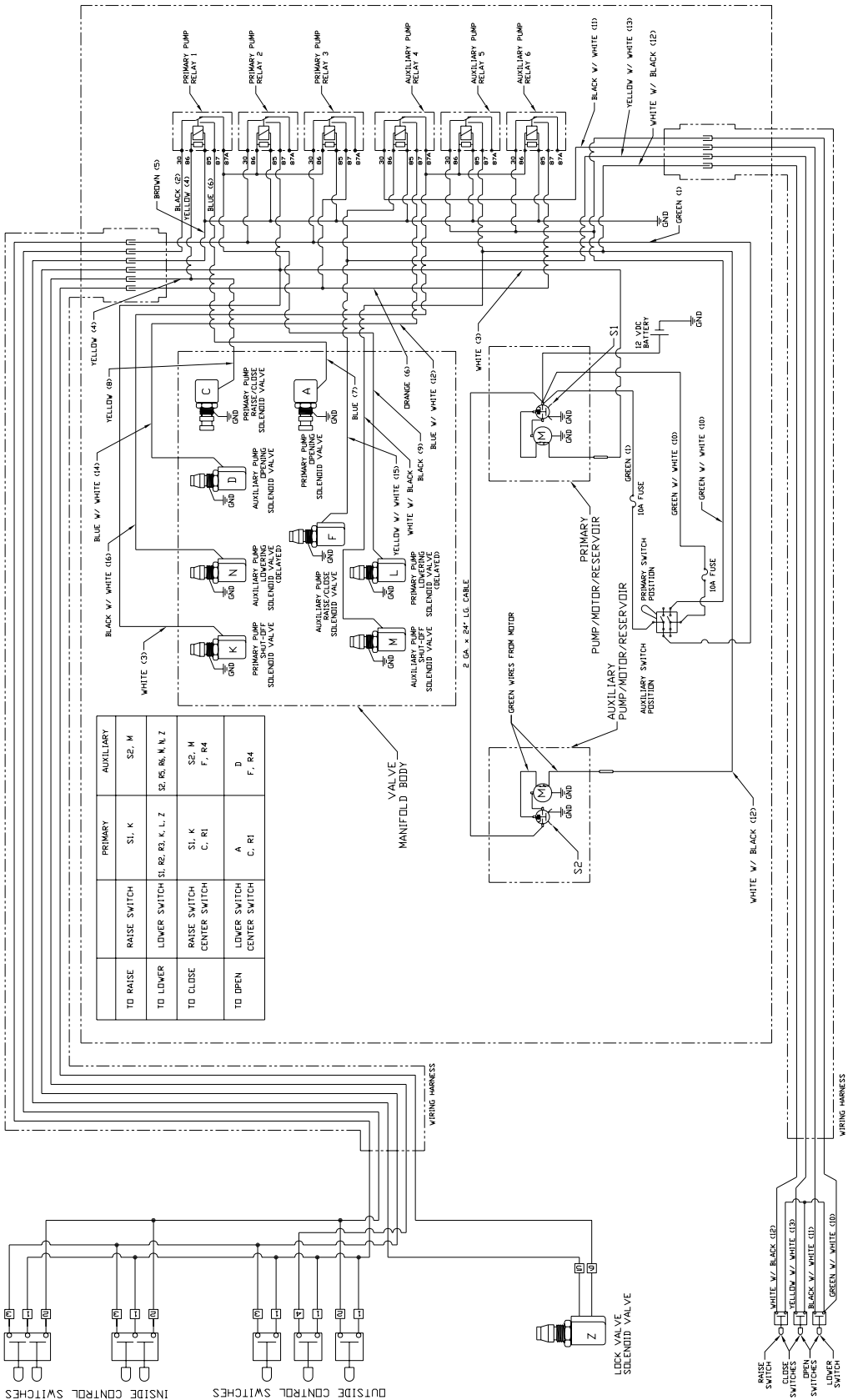
SINGLE PUMP & SINGLE PUMP w/ HAND PUMP POWER DOWN



DUAL PUMP & DUAL PUMP w/ HAND PUMP GRAVITY DOWN



DUAL PUMP DOWN

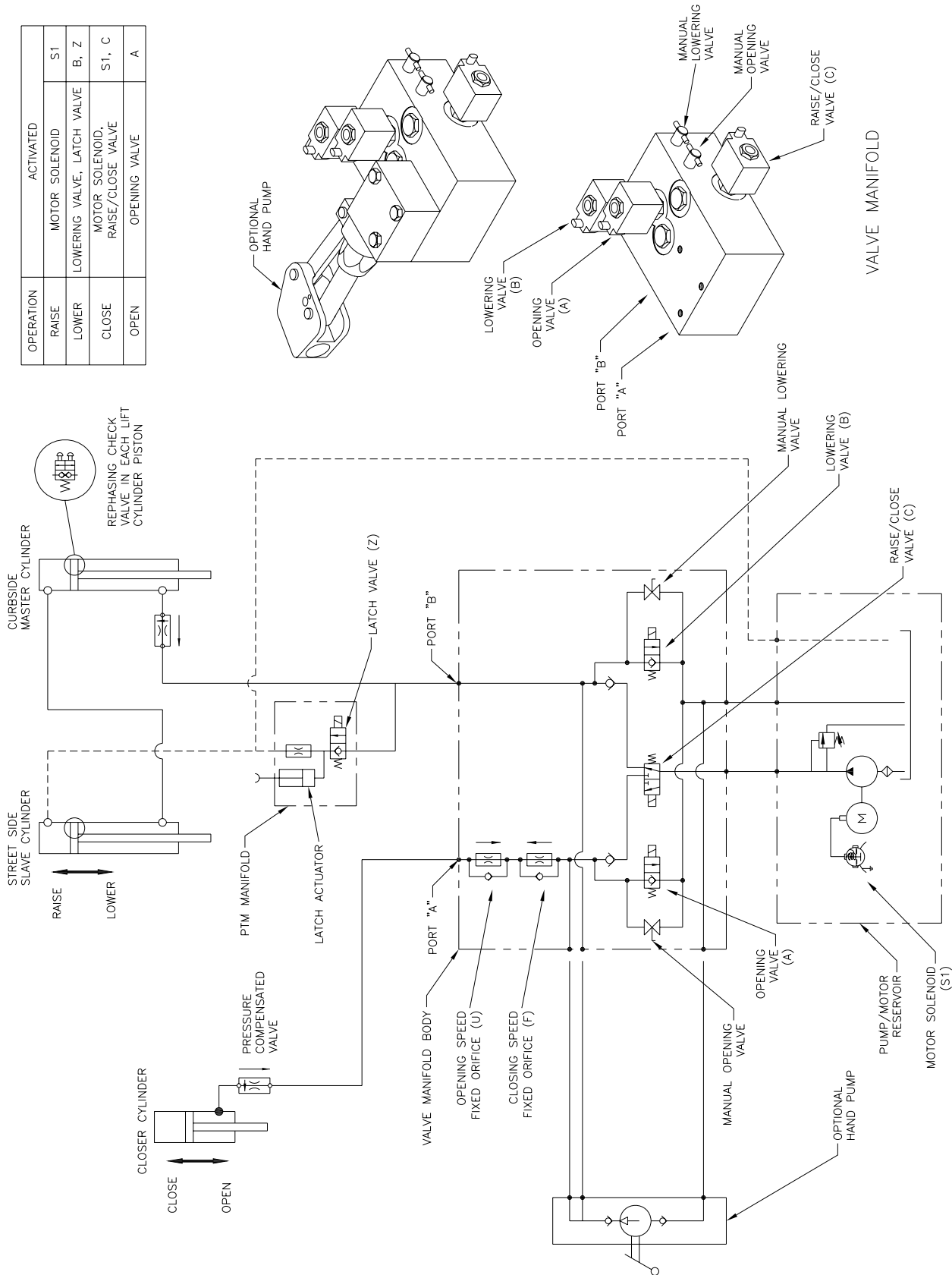


WDL XT SERIES HYDRAULIC SCHEMATIC w/ PUSH BUTTON CONTROL

Built from 10-07 thru 6-08

SINGLE PUMP & SINGLE PUMP w/ HAND PUMP GRAVITY DOWN

OPERATION	ACTIVATED
RAISE	MOTOR SOLENOID S1
LOWER	LOWERING VALVE, LATCH VALVE B, Z
CLOSE	MOTOR SOLENOID, RAISE/CLOSE VALVE S1, C
OPEN	OPENING VALVE A

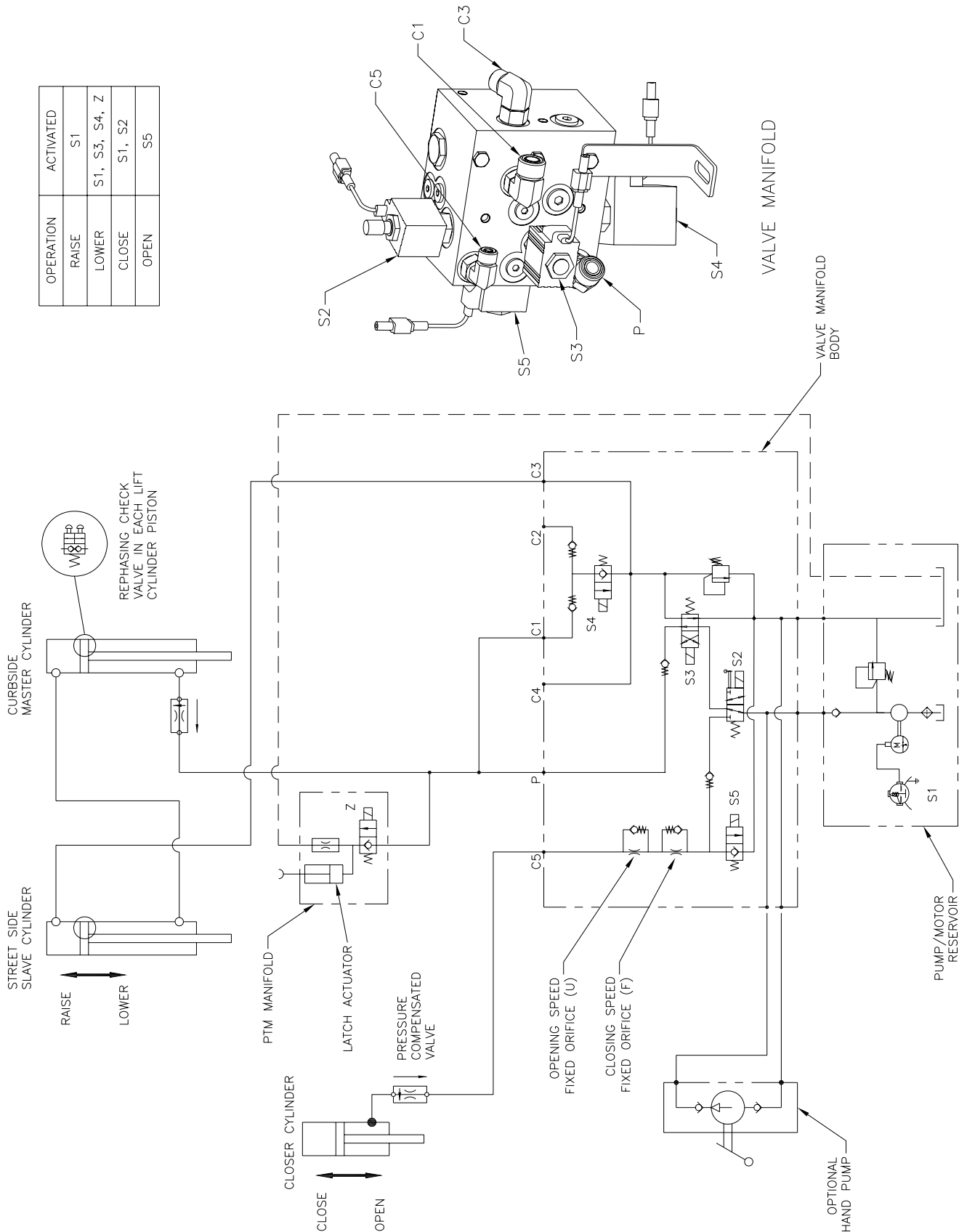


WDL XT SERIES HYDRAULIC SCHEMATIC w/ PUSH BUTTON CONTROL

Built from 10-07 thru 6-08

SINGLE PUMP & SINGLE PUMP w/ HAND PUMP POWER DOWN

OPERATION	ACTIVATED
RAISE	S1
LOWER	S1, S3, S4, Z
CLOSE	S1, S2
OPEN	S5

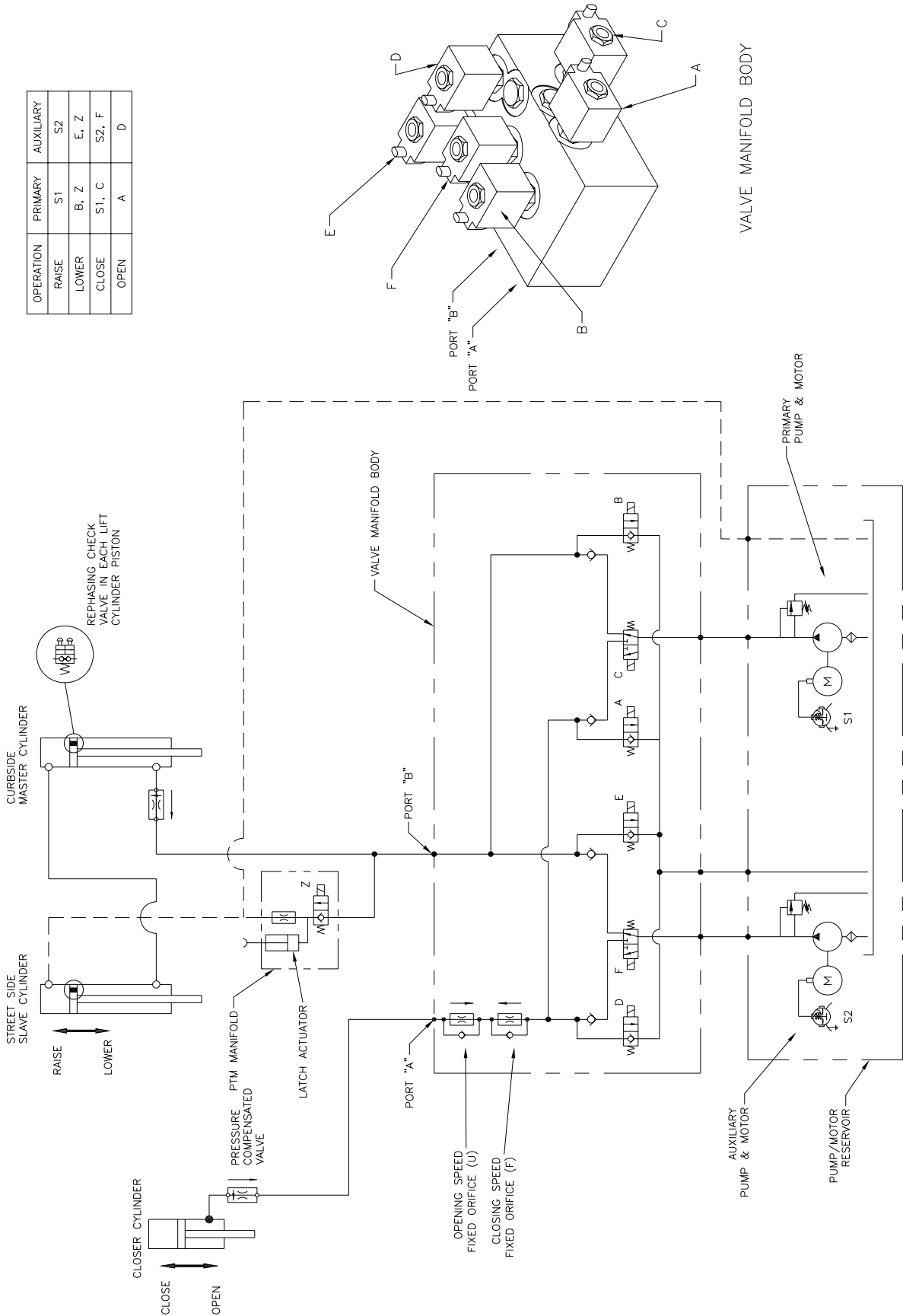


WDL XT SERIES HYDRAULIC SCHEMATIC w/ PUSH BUTTON CONTROL

Built from 10-07 thru 6-08

DUAL PUMP GRAVITY DOWN

OPERATION	PRIMARY	AUXILIARY
RAISE	S1	S2
LOWER	B, Z	E, Z
CLOSE	S1, C	S2, F
OPEN	A	D

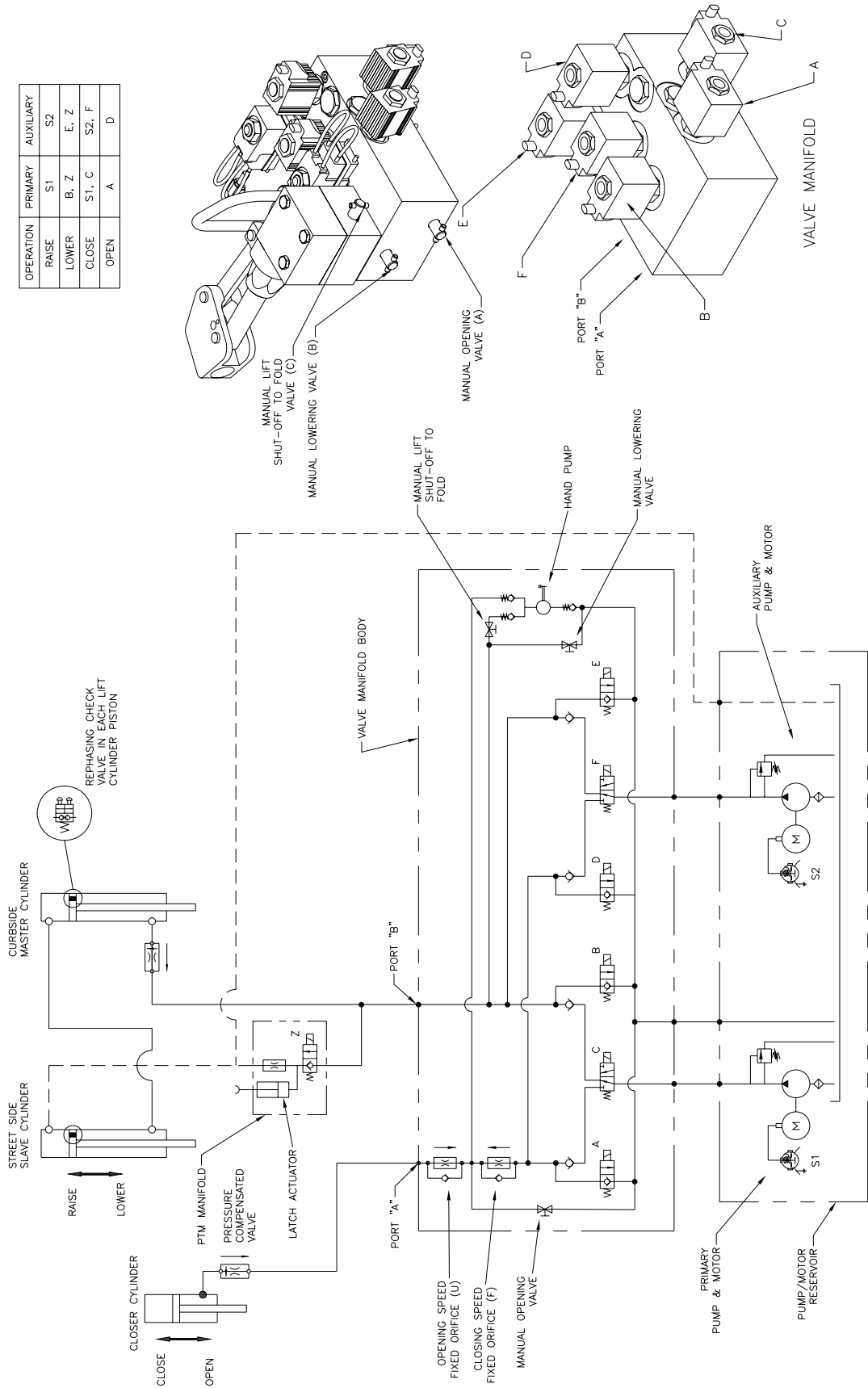


WDL XT SERIES HYDRAULIC SCHEMATIC w/ PUSH BUTTON CONTROL

Built from 10-07 thru 6-08

DUAL PUMP w/ HAND PUMP GRAVITY DOWN

OPERATION	PRIMARY	AUXILIARY
RAISE	S1	S2
LOWER	B, Z	E, Z
CLOSE	S1, C	S2, F
OPEN	A	D

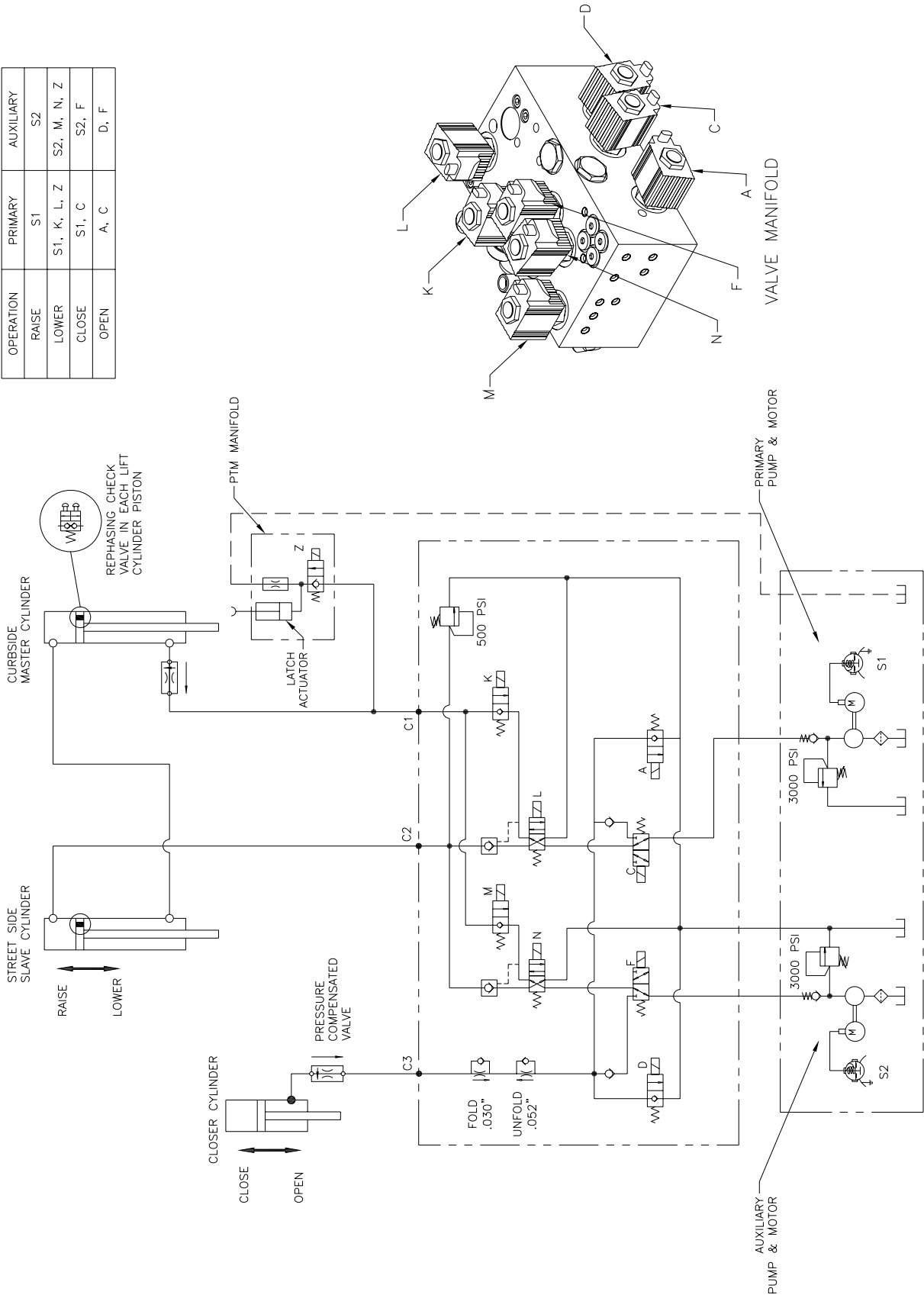


WDL XT SERIES HYDRAULIC SCHEMATIC w/ PUSH BUTTON CONTROL

Built from 10-07 thru 6-08

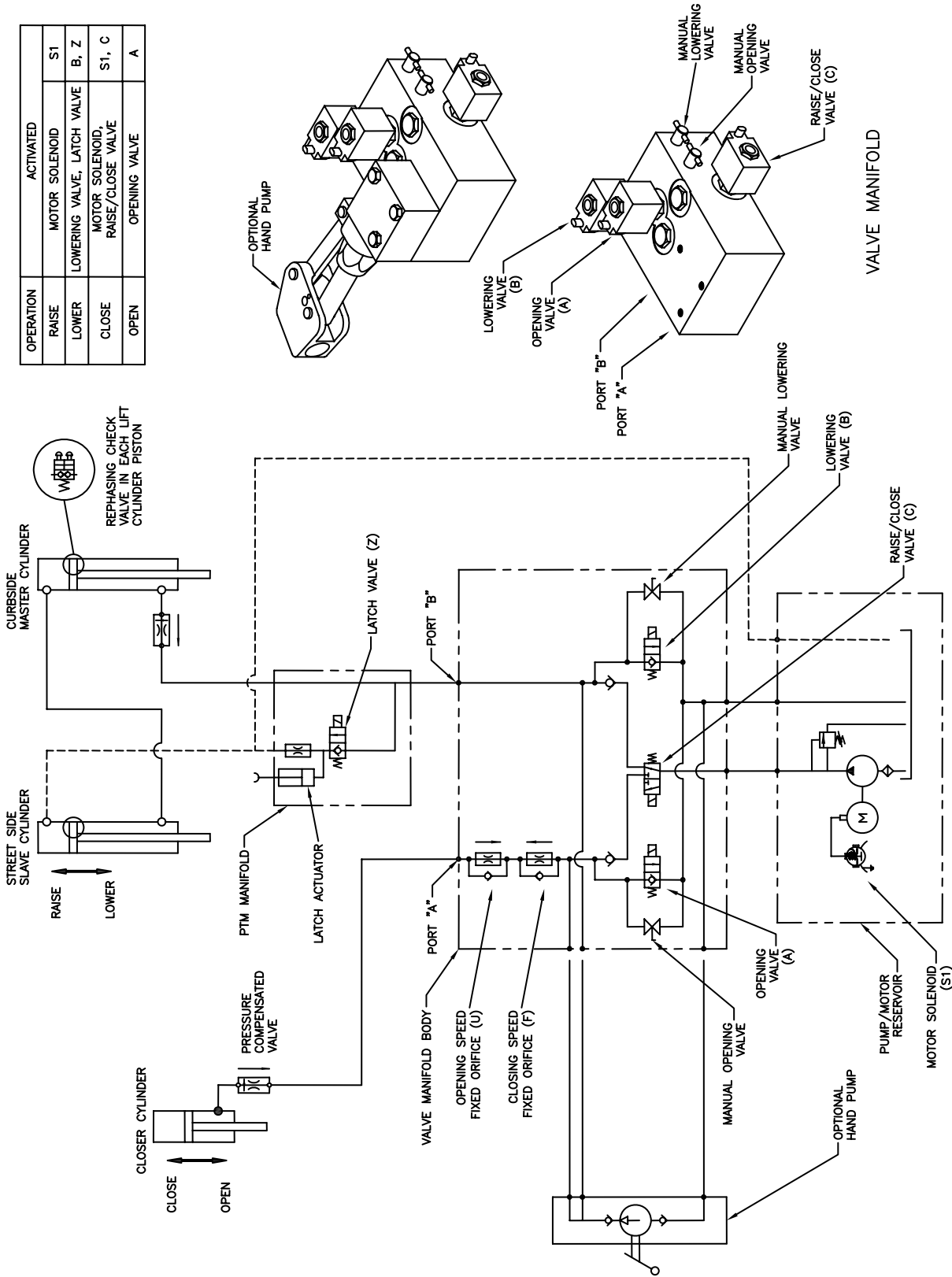
DUAL PUMP POWER DOWN

OPERATION	PRIMARY	AUXILIARY
RAISE	S1	S2
LOWER	S1, K, L, Z	S2, M, N, Z
CLOSE	S1, C	S2, F
OPEN	A, C	D, F



WDL XT SERIES HYDRAULIC SCHEMATIC w/ PUSH BUTTON CONTROL Built from 6-08 thru 1-09 SINGLE PUMP & SINGLE PUMP w/ HAND PUMP GRAVITY DOWN

OPERATION	ACTIVATED		
RAISE	MOTOR SOLENOID	S1	
LOWER	LOWERING VALVE, LATCH VALVE	B, Z	
CLOSE	MOTOR SOLENOID, RAISE/CLOSE VALVE	S1, C	
OPEN	OPENING VALVE	A	

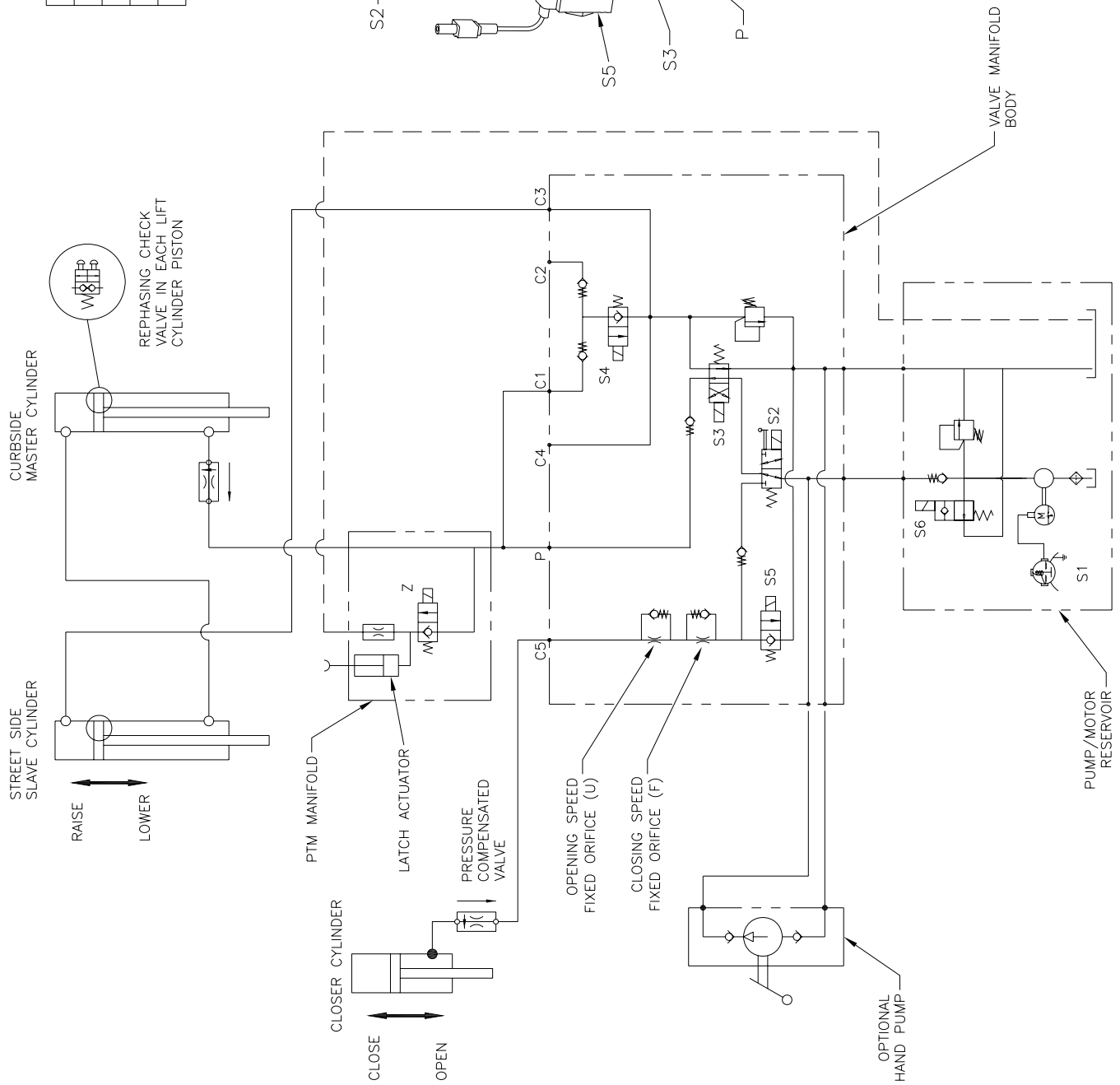
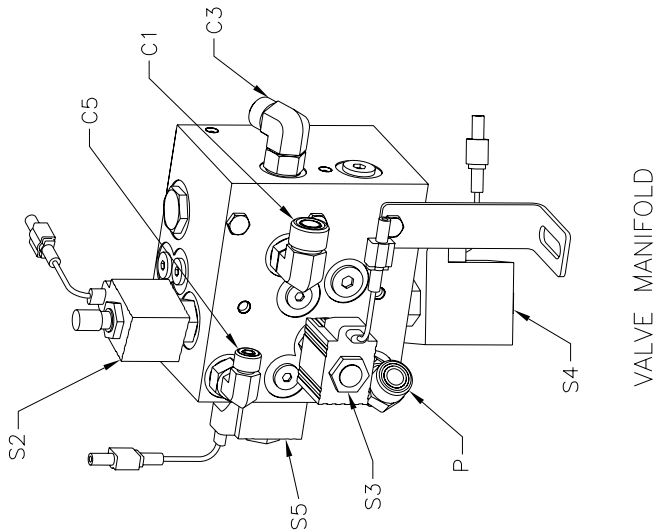


WDL XT SERIES HYDRAULIC SCHEMATIC w/ PUSH BUTTON CONTROL

Built from 6-08 thru 1-09

SINGLE PUMP & SINGLE PUMP w/ HAND PUMP POWER DOWN

OPERATION	ACTIVATED
RAISE	S1, S6
LOWER	S1, S3, S4, S6, Z
CLOSE	S1, S2, S6
OPEN	S5

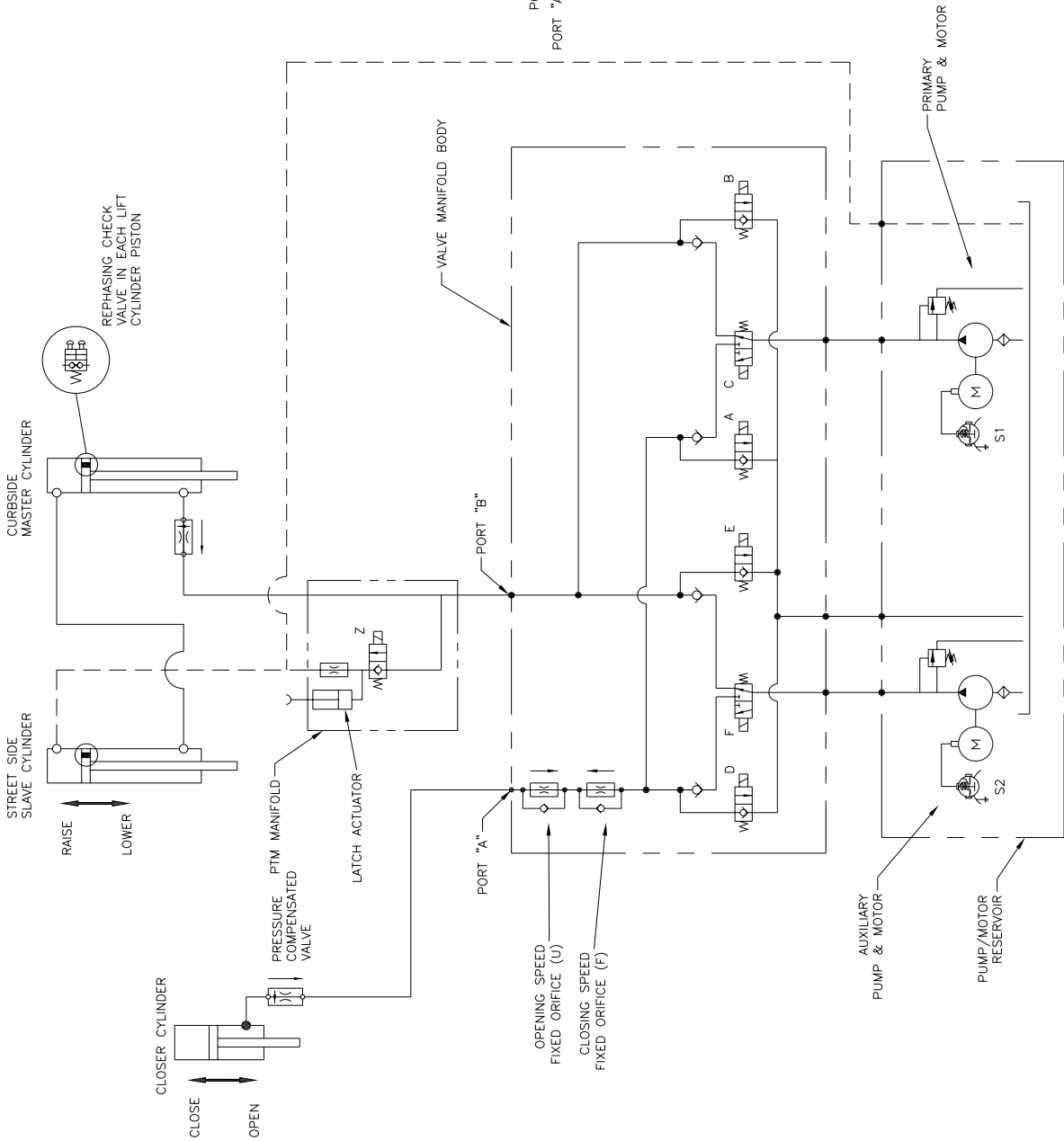
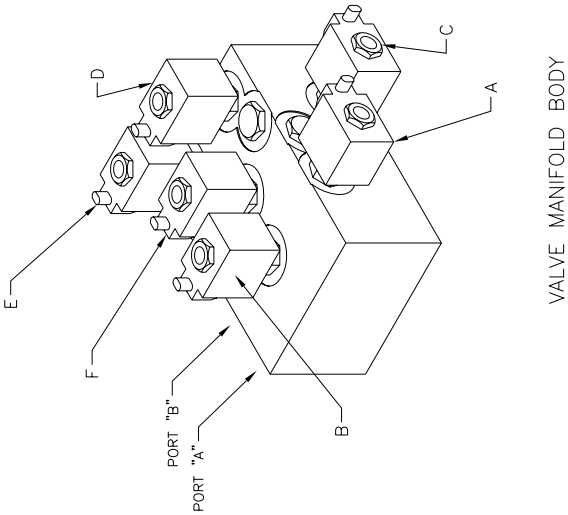


WDL XT SERIES HYDRAULIC SCHEMATIC w/ PUSH BUTTON CONTROL

Built from 6-08 thru 1-09

DUAL PUMP GRAVITY DOWN

OPERATION	PRIMARY	AUXILIARY
RAISE	S1	S2
LOWER	B, Z	E, Z
CLOSE	S1, C	S2, F
OPEN	A	D

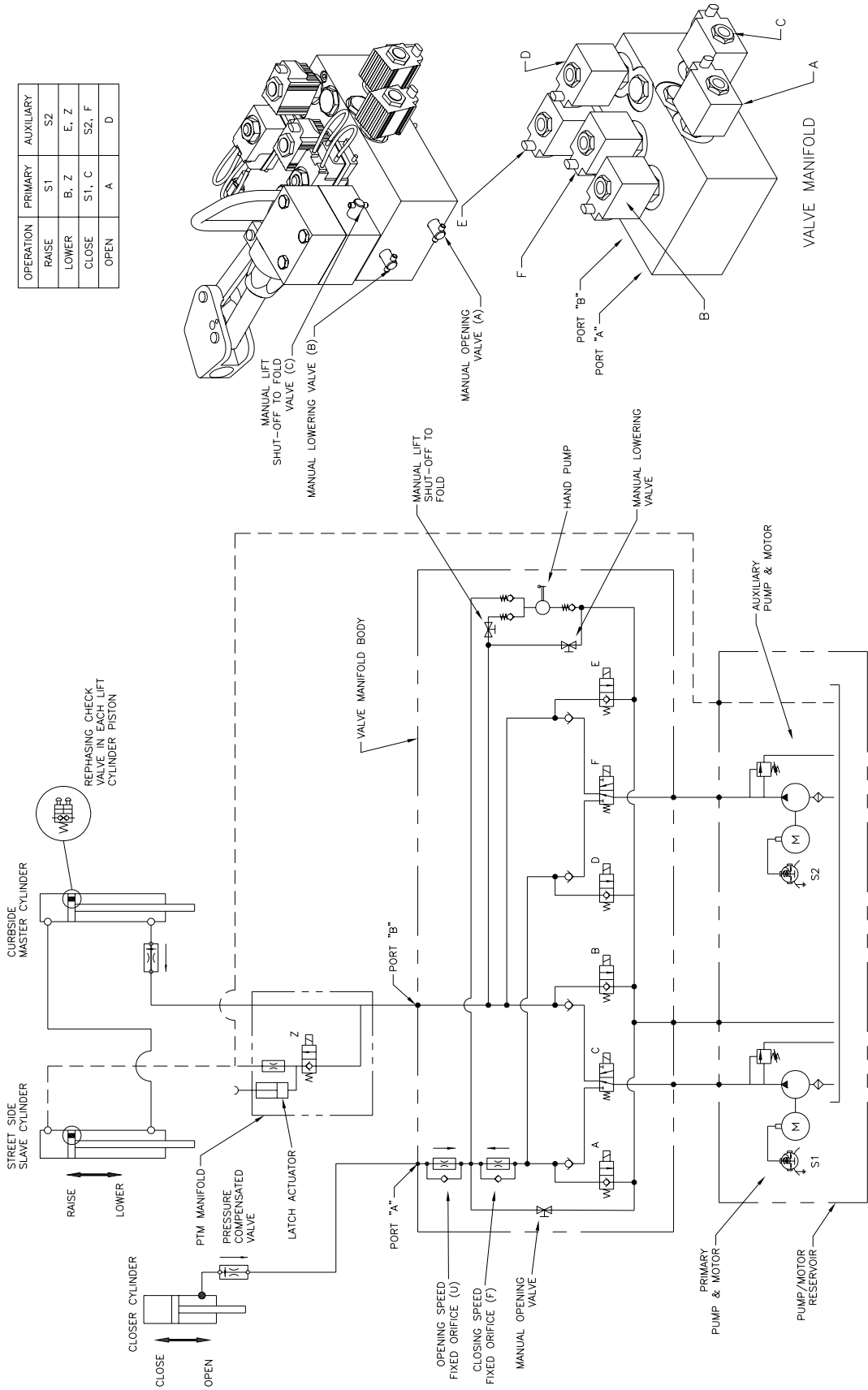


WDL XT SERIES HYDRAULIC SCHEMATIC w/ PUSH BUTTON CONTROL

Built from 6-08 thru 1-09

DUAL PUMP w/ HAND PUMP GRAVITY DOWN

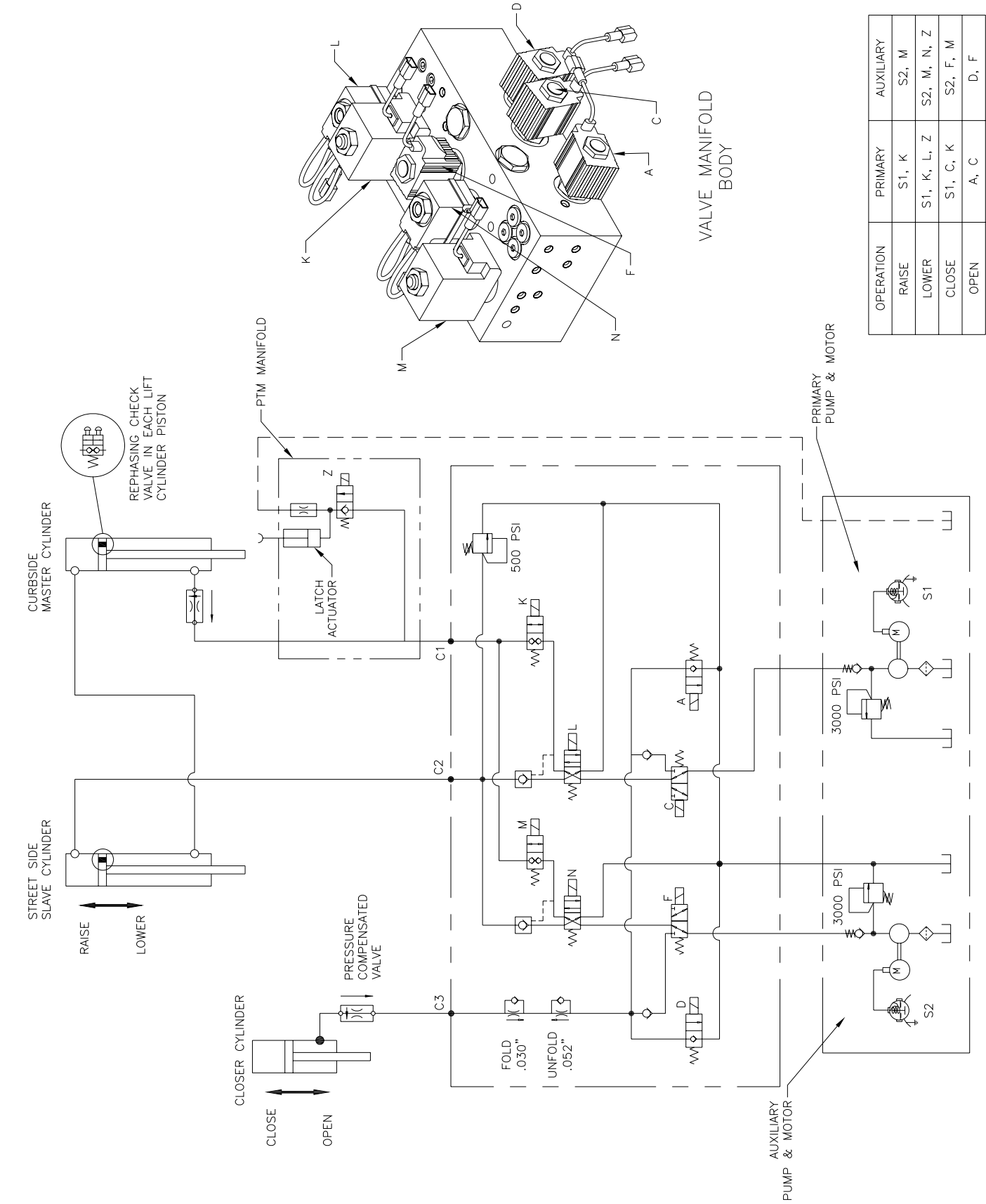
OPERATION	PRIMARY	AUXILIARY
RAISE	S1	S2
LOWER	B, Z	E, Z
CLOSE	S1, C	S2, F
OPEN	A	D



WDL XT SERIES HYDRAULIC SCHEMATIC w/ PUSH BUTTON CONTROL

Built from 6-08 thru 1-09

DUAL PUMP POWER DOWN

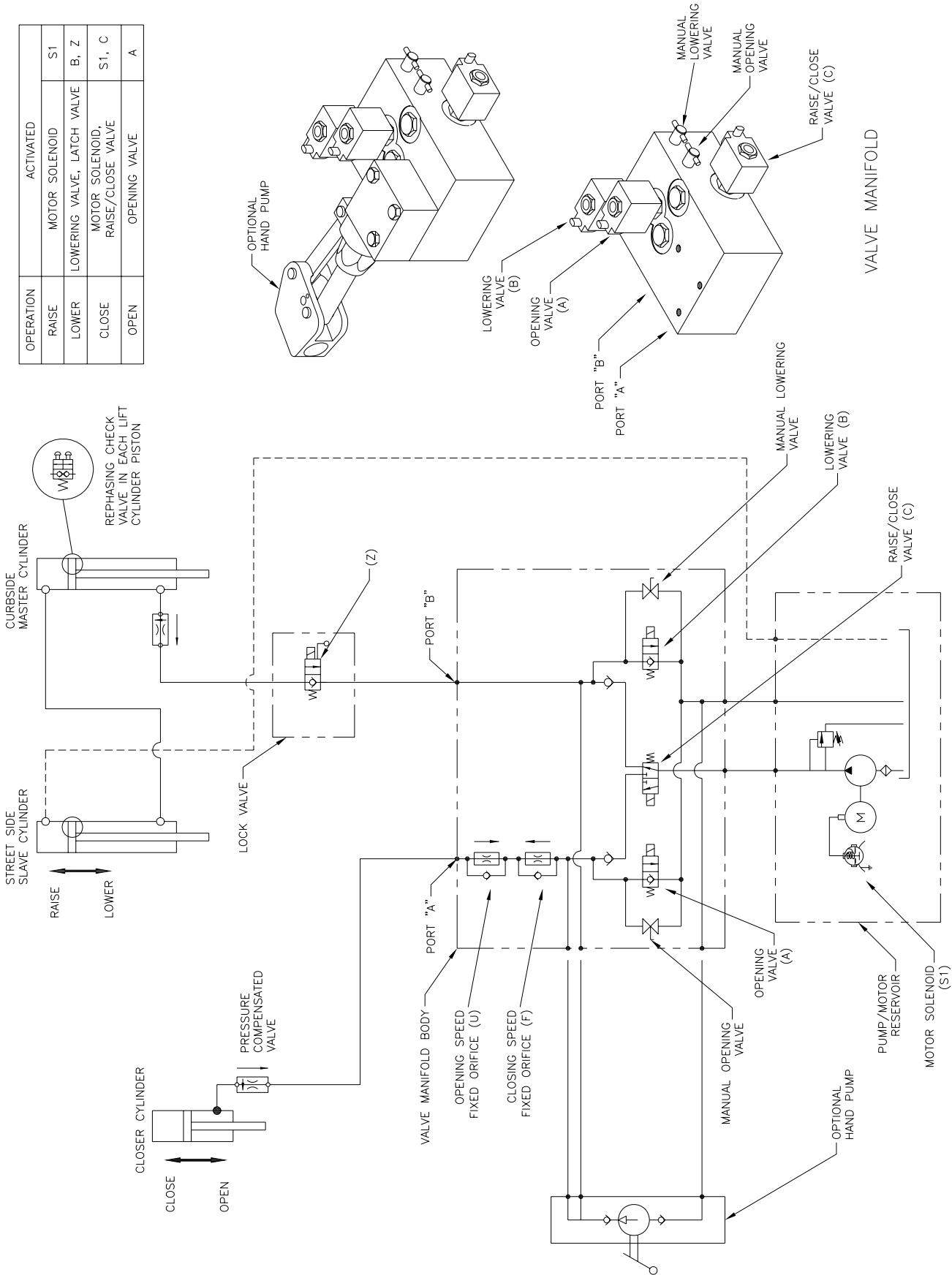


WDL XT SERIES HYDRAULIC SCHEMATIC w/ PUSH BUTTON CONTROL

Built from 1-09 thru 4-09

SINGLE PUMP & SINGLE PUMP w/ HAND PUMP GRAVITY DOWN

OPERATION	ACTIVATED	
RAISE	MOTOR SOLENOID	S1
LOWER	LOWERING VALVE, LATCH VALVE	B, Z
CLOSE	MOTOR SOLENOID, RAISE/CLOSE VALVE	S1, C
OPEN	OPENING VALVE	A

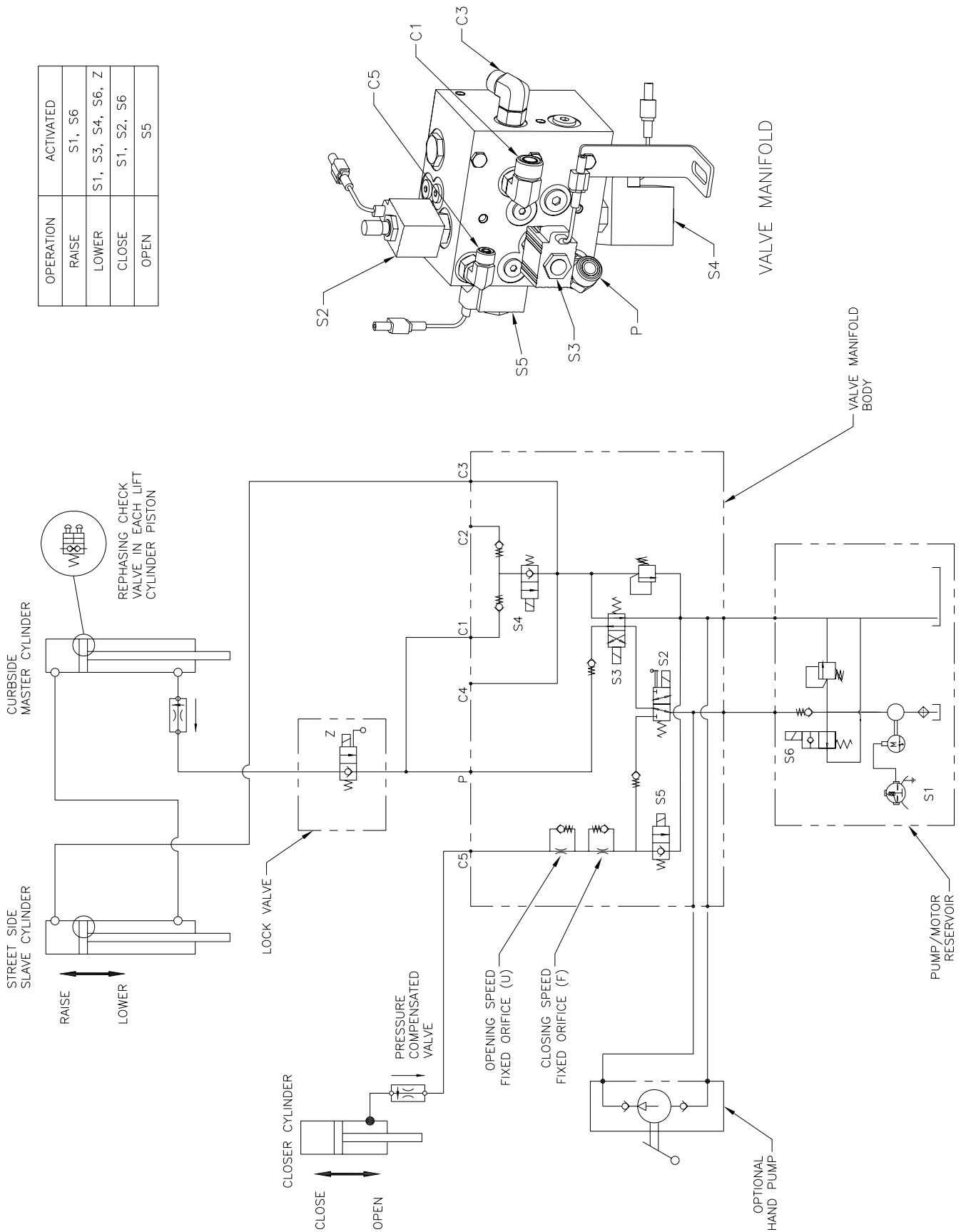


WDL XT SERIES HYDRAULIC SCHEMATIC w/ PUSH BUTTON CONTROL

Built from 1-09 thru 4-09

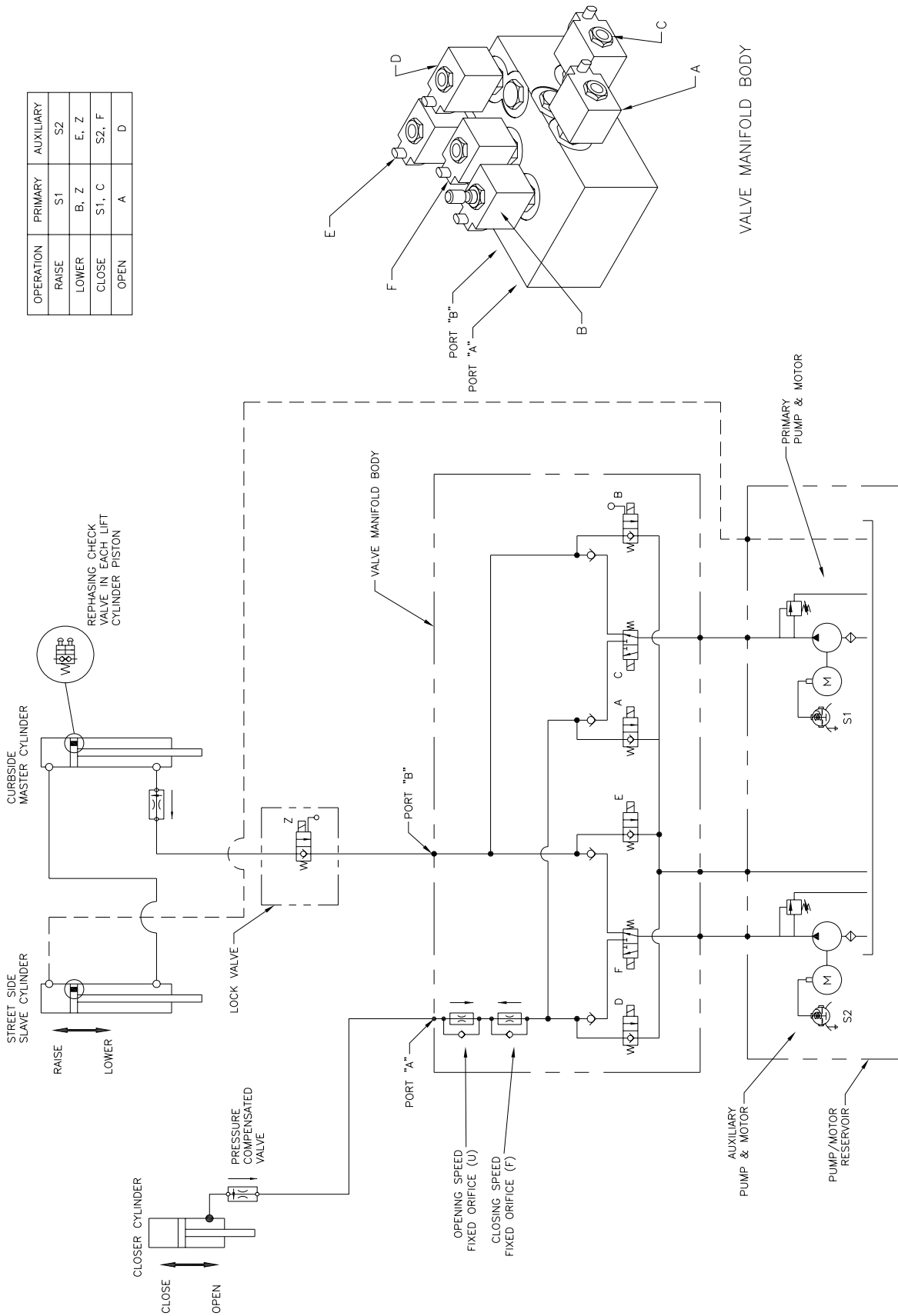
SINGLE PUMP & SINGLE PUMP w/ HAND PUMP POWER DOWN

OPERATION	ACTIVATED
RAISE	S1, S6
LOWER	S1, S3, S4, S6, Z
CLOSE	S1, S2, S6
OPEN	S5



DUAL PUMP GRAVITY DOWN

OPERATION	PRIMARY	AUXILIARY
RAISE	S1	S2
LOWER	B, Z	E, Z
CLOSE	S1, C	S2, F
OPEN	A	D

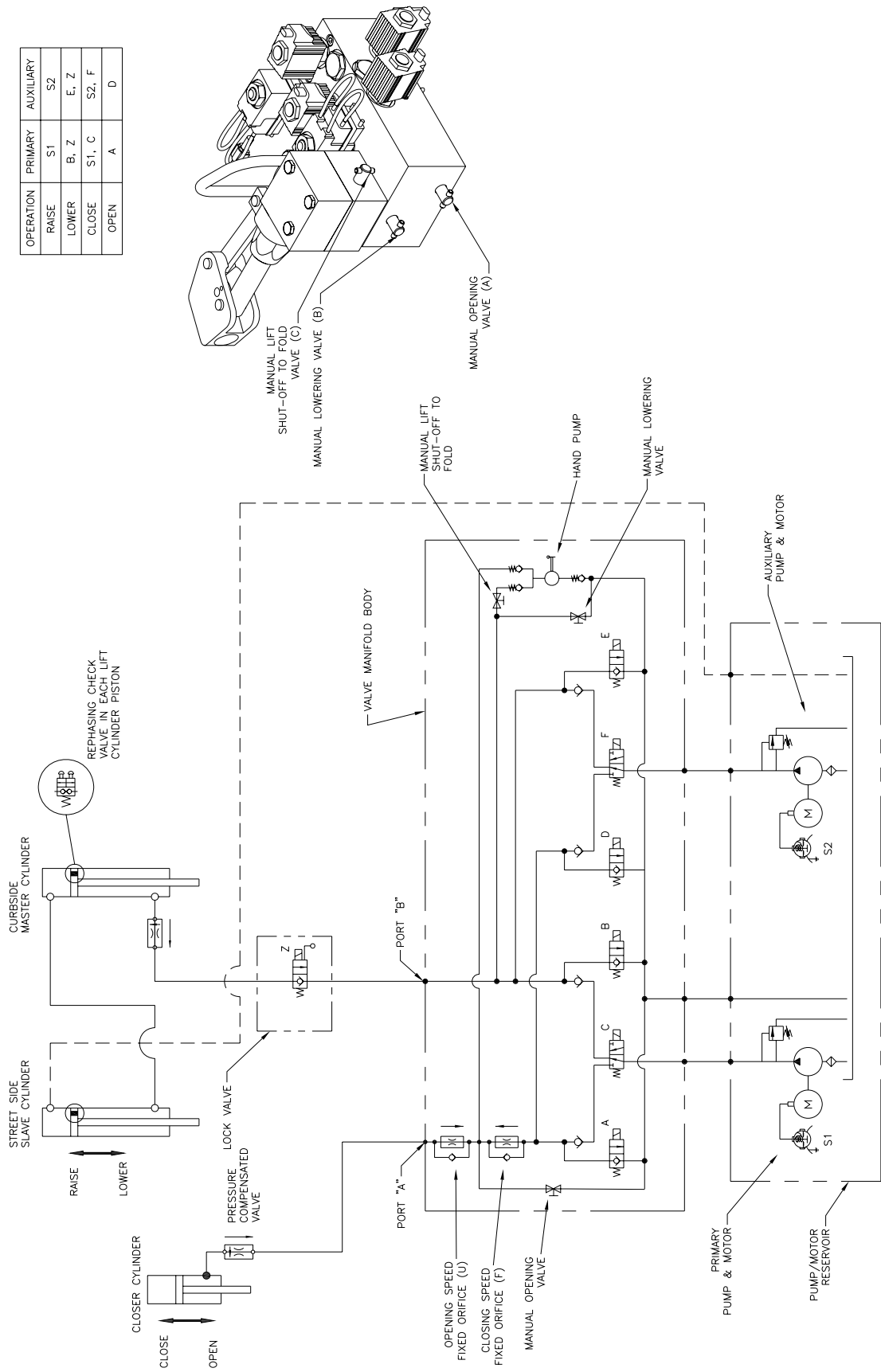


WDL XT SERIES HYDRAULIC SCHEMATIC w/ PUSH BUTTON CONTROL

Built from 1-09 thru 4-09

DUAL PUMP w/ HAND PUMP GRAVITY DOWN

OPERATION	PRIMARY	AUXILIARY
RAISE	S1	S2
LOWER	B, Z	E, Z
CLOSE	S1, C	S2, F
OPEN	A	D

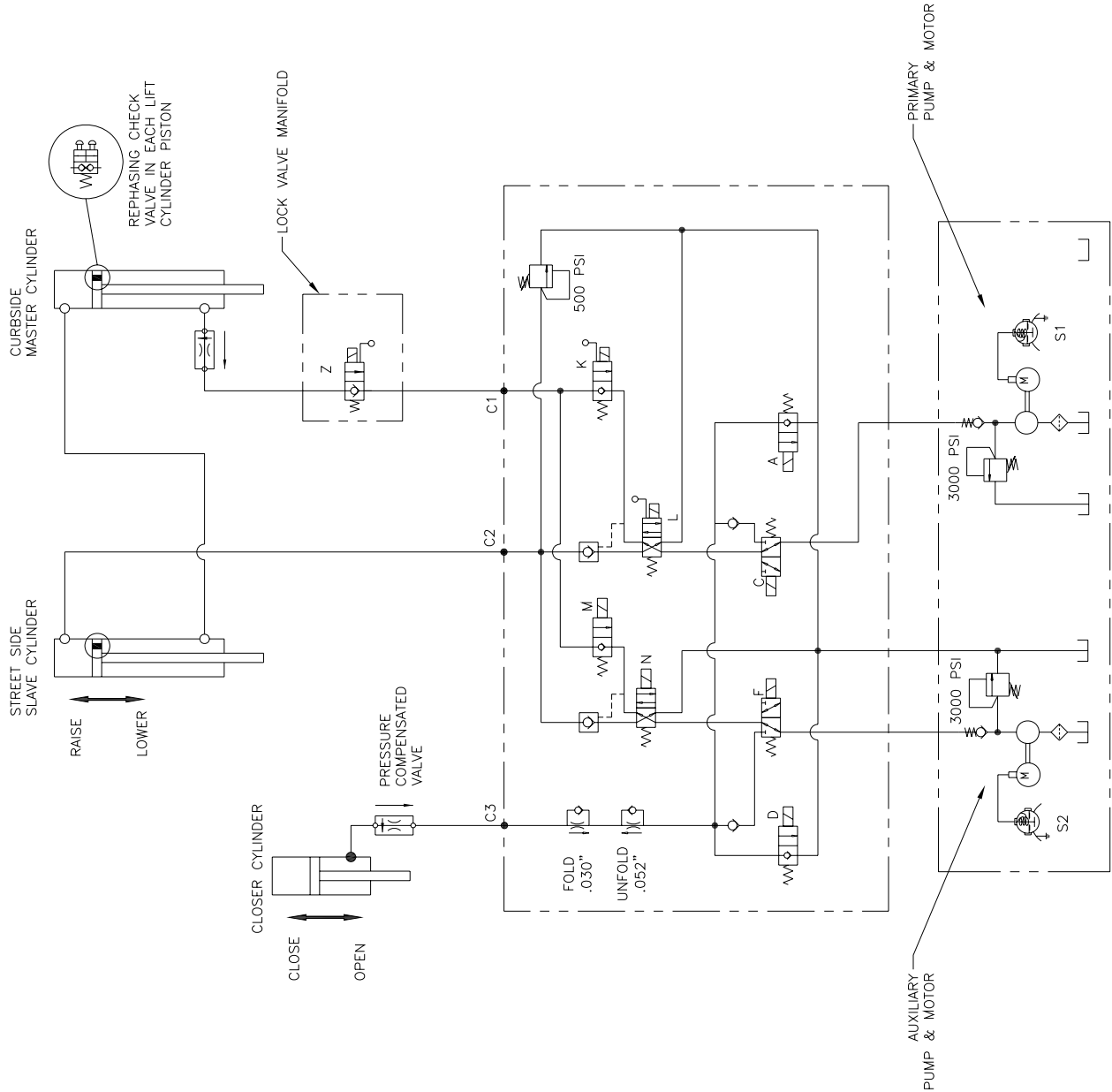
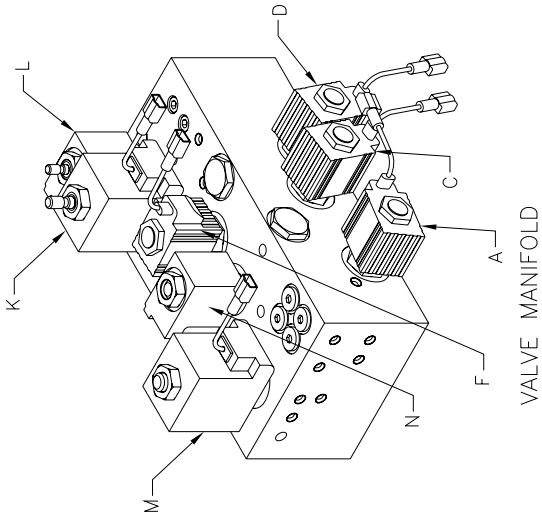


WDL XT SERIES HYDRAULIC SCHEMATIC w/ PUSH BUTTON CONTROL

Built from 1-09 thru 4-09

DUAL PUMP POWER DOWN

OPERATION	PRIMARY	AUXILIARY
RAISE	S1	S2
LOWER	S1, K, L, Z	S2, M, N, Z
CLOSE	S1, C	S2, F
OPEN	A, C	D, F





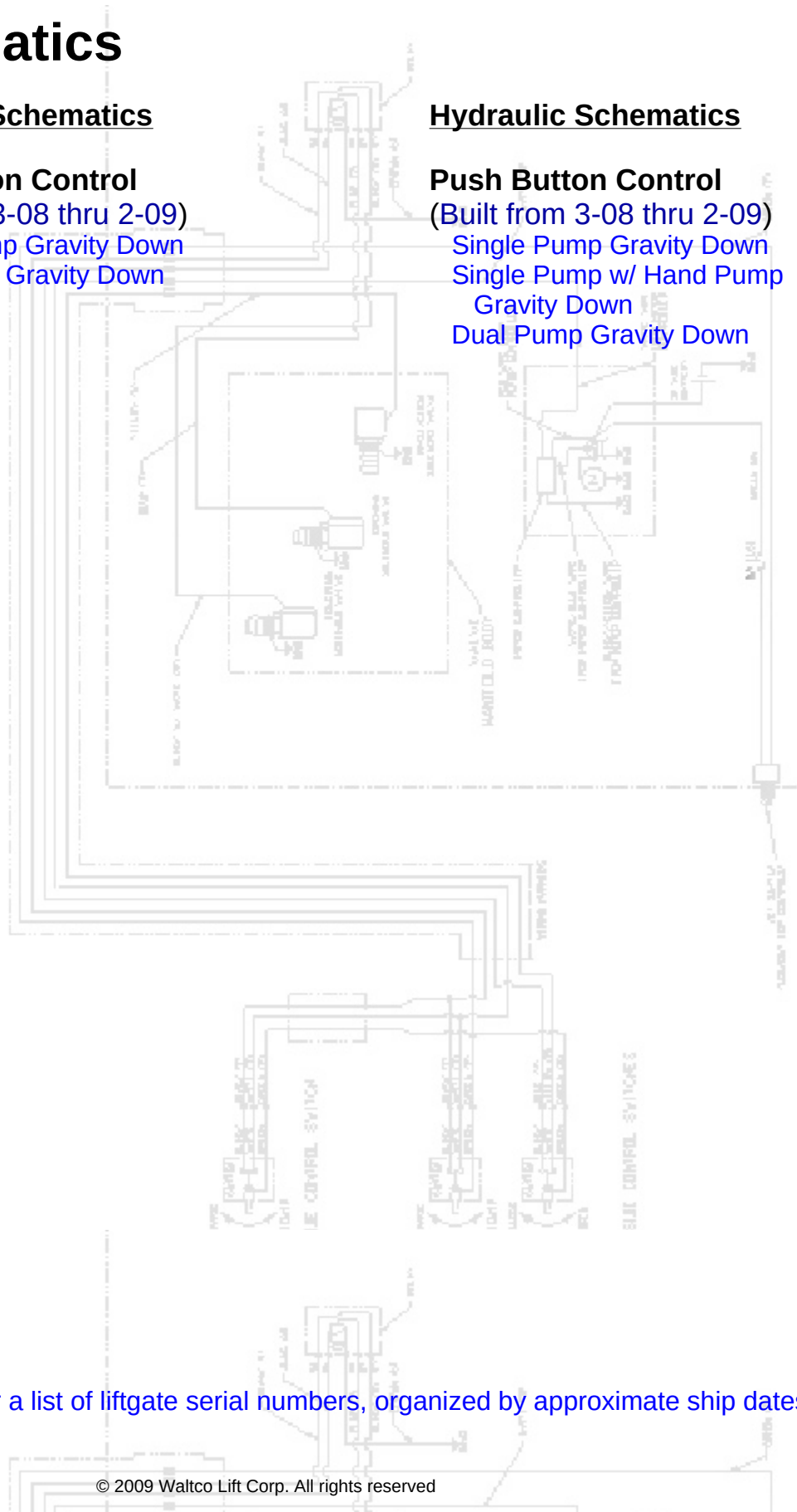
Schematics

Electrical Schematics

Push Button Control
(Built from 3-08 thru 2-09)
Single Pump Gravity Down
Dual Pump Gravity Down

Hydraulic Schematics

Push Button Control
(Built from 3-08 thru 2-09)
Single Pump Gravity Down
Single Pump w/ Hand Pump
Gravity Down
Dual Pump Gravity Down

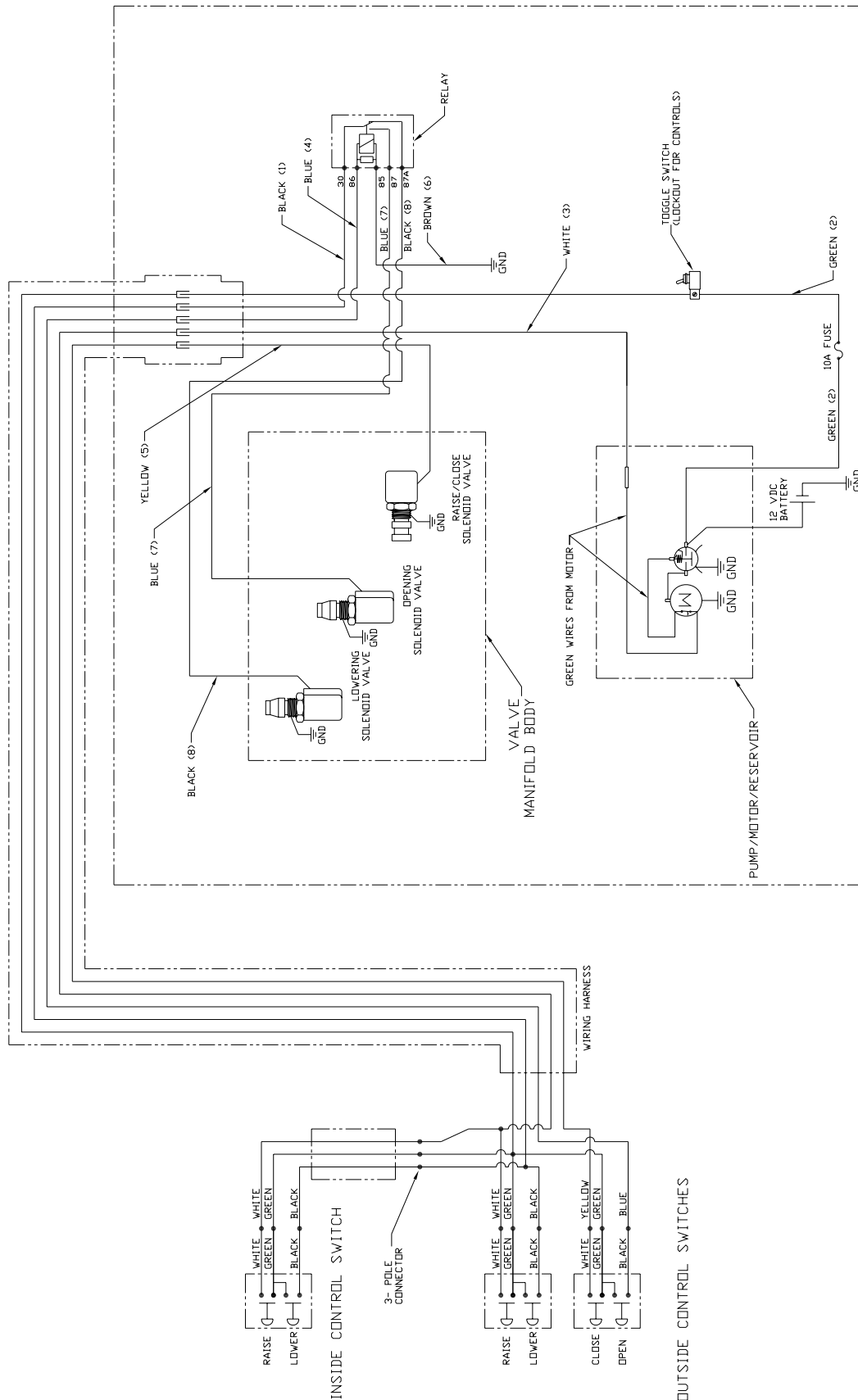


[Click here for a list of liftgate serial numbers, organized by approximate ship dates.](#)

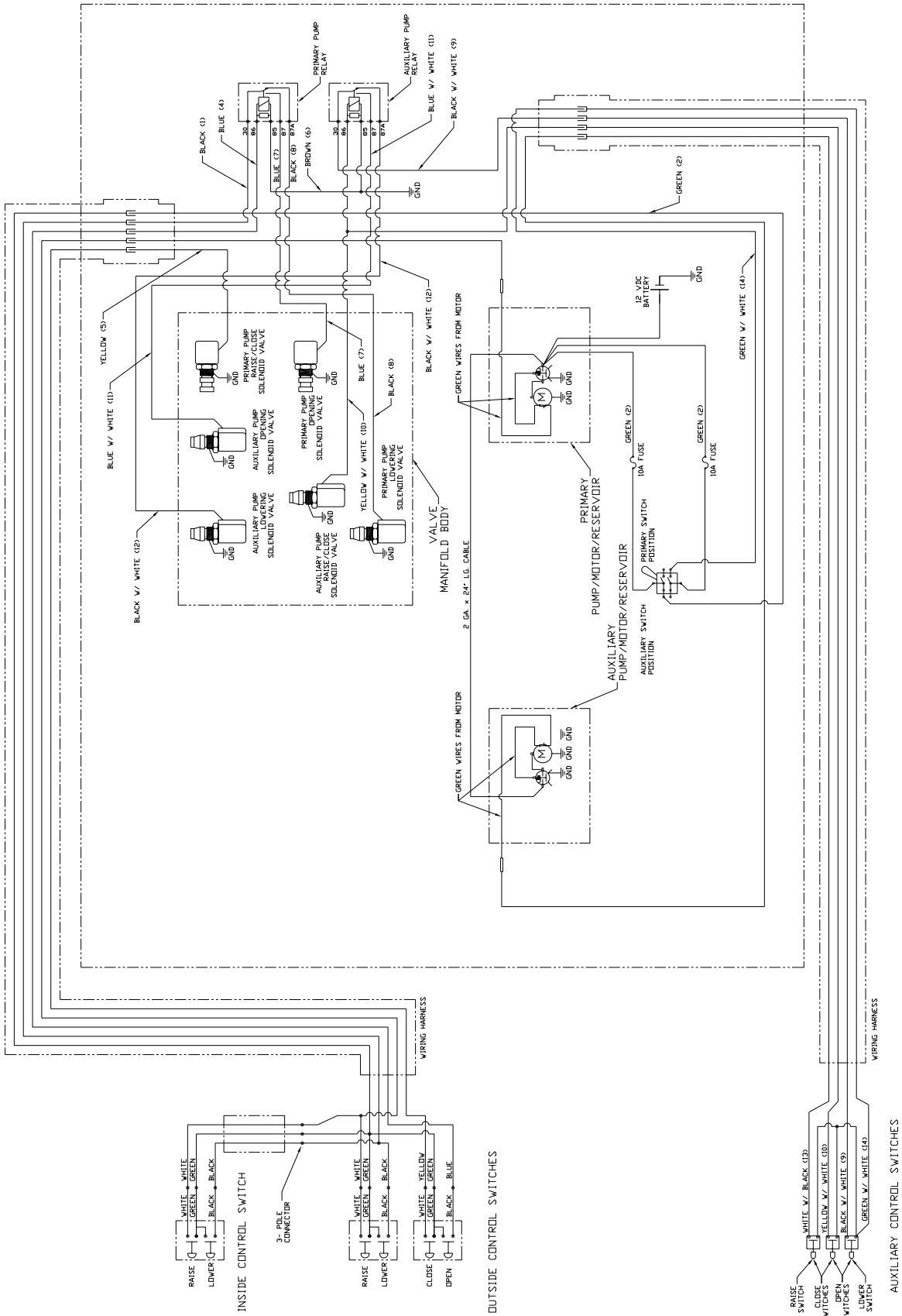
WDL Value Line ELECTRICAL SCHEMATIC w/ PUSH BUTTON CONTROL

Built from 3-08 thru 2-09

SINGLE PUMP & SINGLE PUMP w/ HAND PUMP GRAVITY DOWN



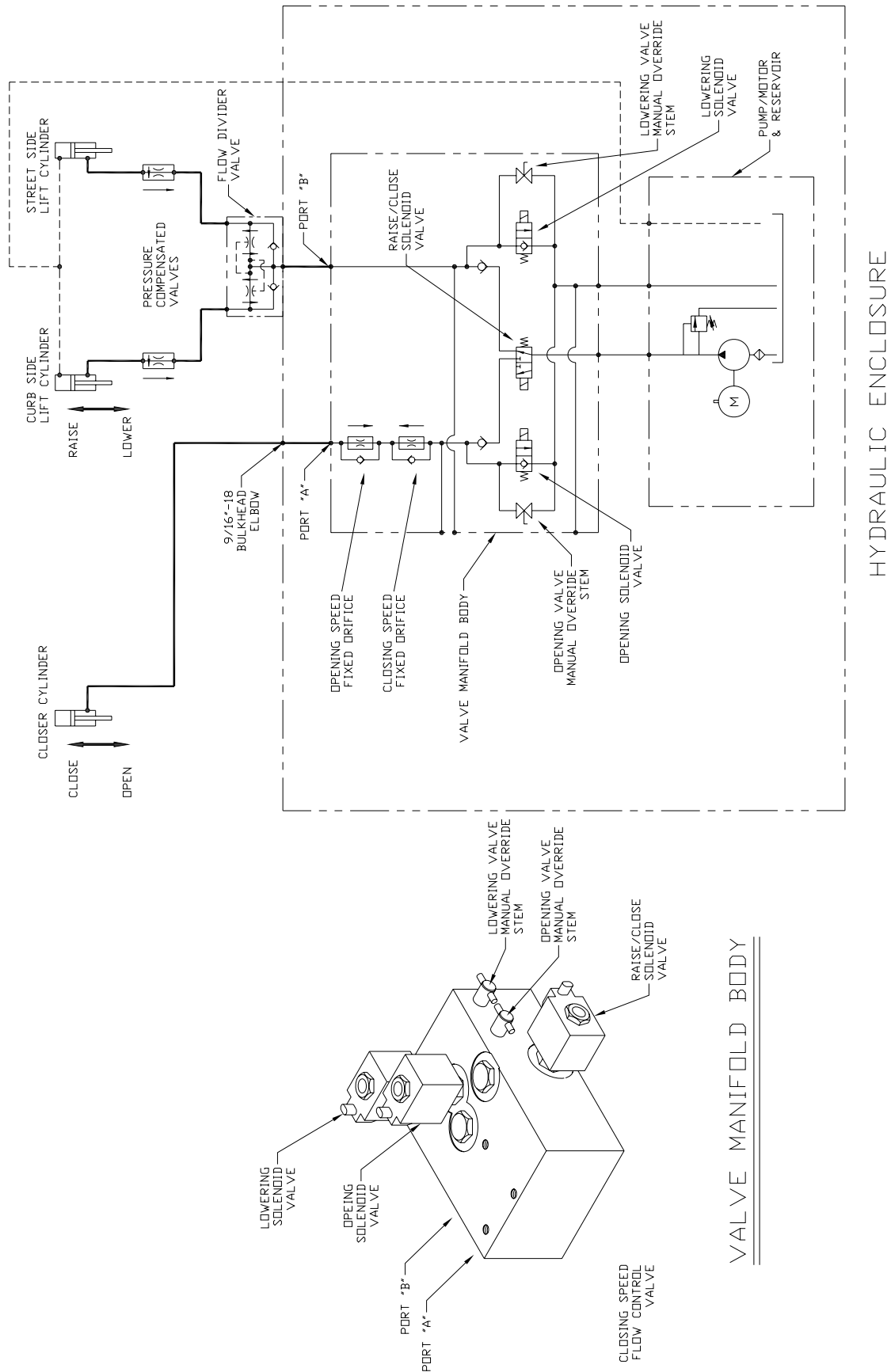
WDL Value Line ELECTRICAL SCHEMATIC w/ PUSH BUTTON CONTROL
Built from 3-08 thru 2-09
DUAL PUMP GRAVITY DOWN



WDL Value Line HYDRAULIC SCHEMATIC w/ PUSH BUTTON CONTROL

Built from 3-08 thru 2-09

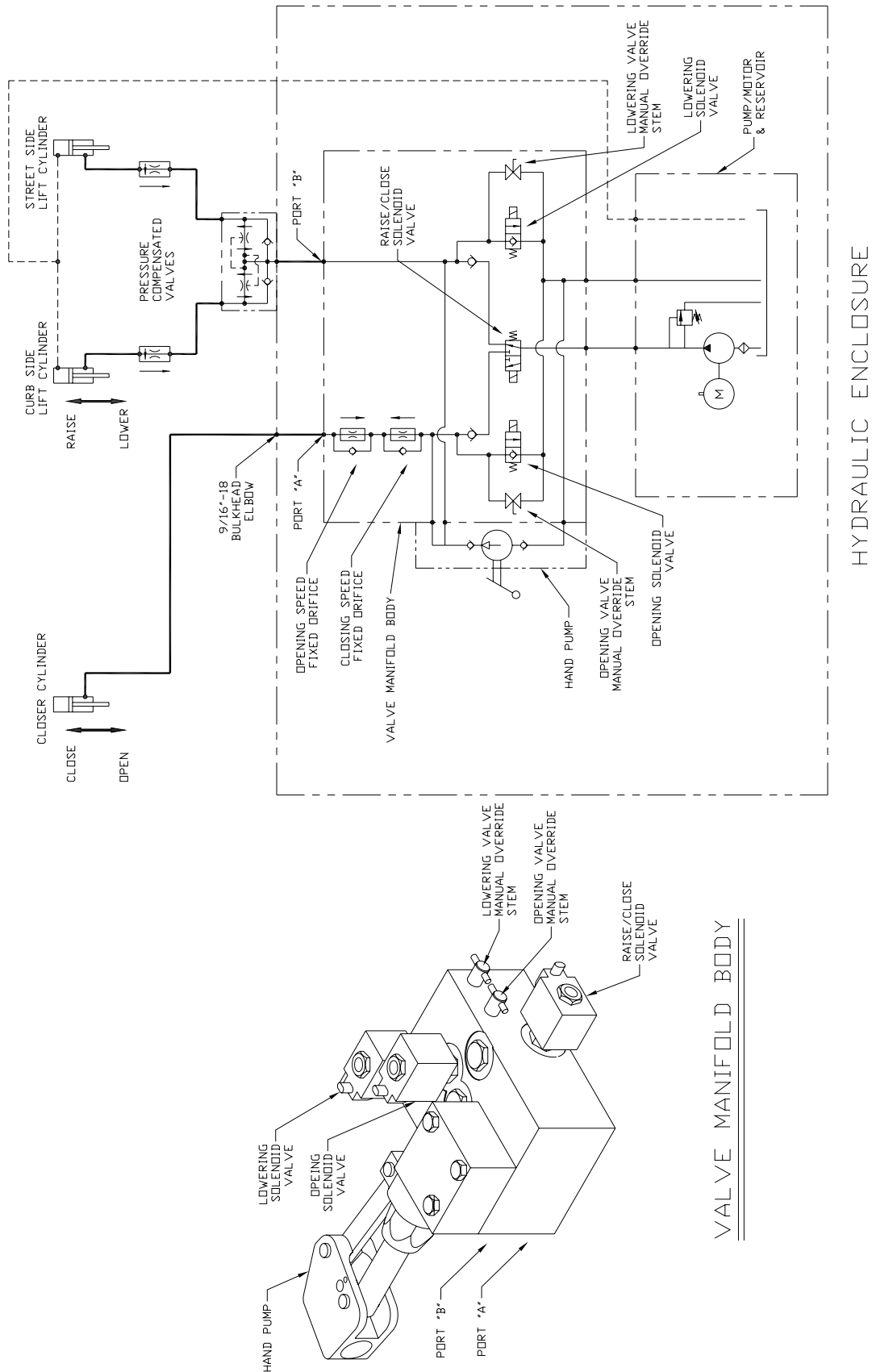
SINGLE PUMP GRAVITY DOWN



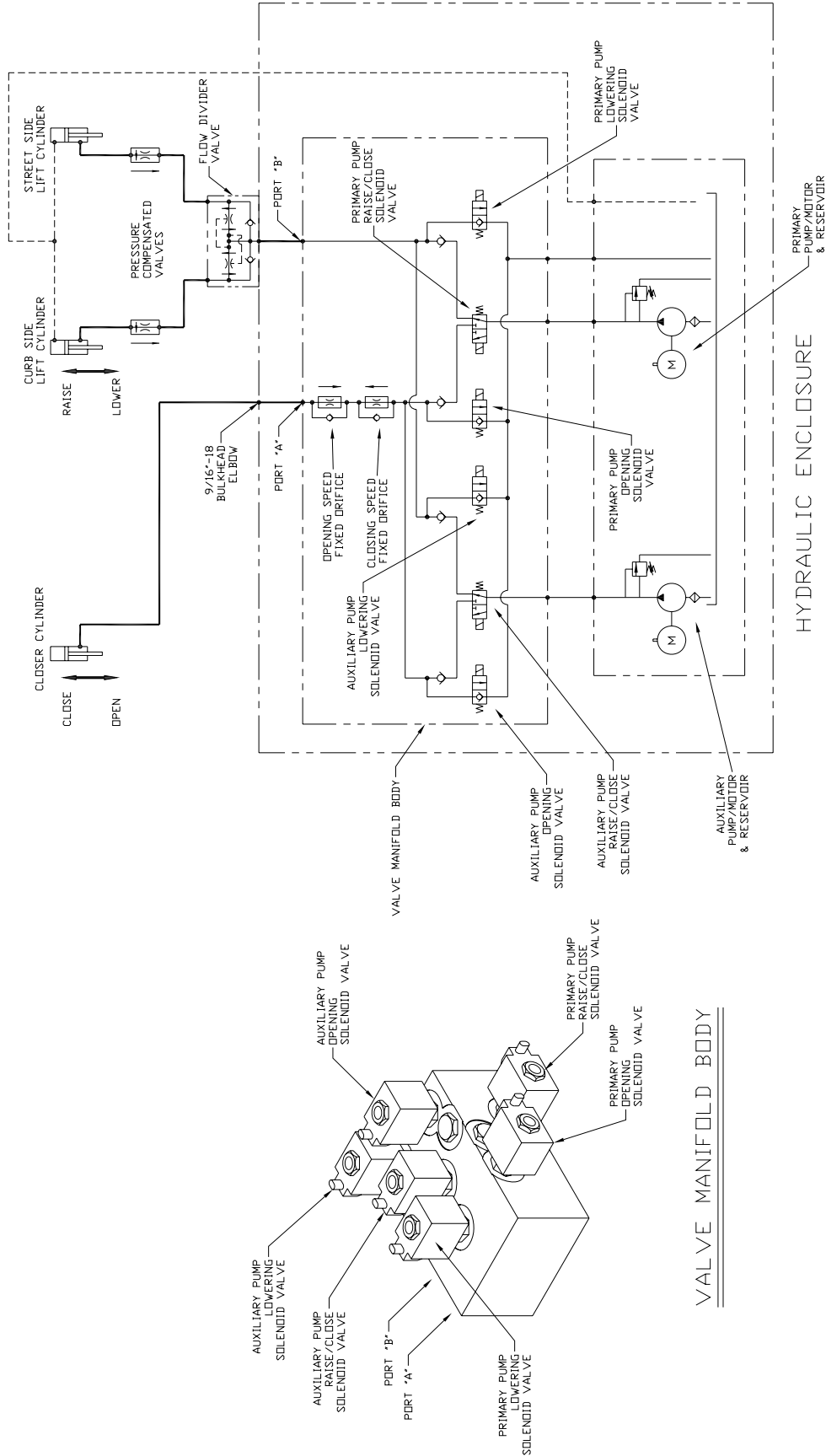
WDL Value Line HYDRAULIC SCHEMATIC w/ PUSH BUTTON CONTROL

Built from 3-08 thru 2-09

SINGLE PUMP w/ HAND PUMP GRAVITY DOWN



WDL Value Line HYDRAULIC SCHEMATIC w/ PUSH BUTTON CONTROL
Built from 3-08 thru 2-09
DUAL PUMP GRAVITY DOWN





Schematics

Electrical Schematics

Push Button Control

(Built from 1-09 thru 4-09)

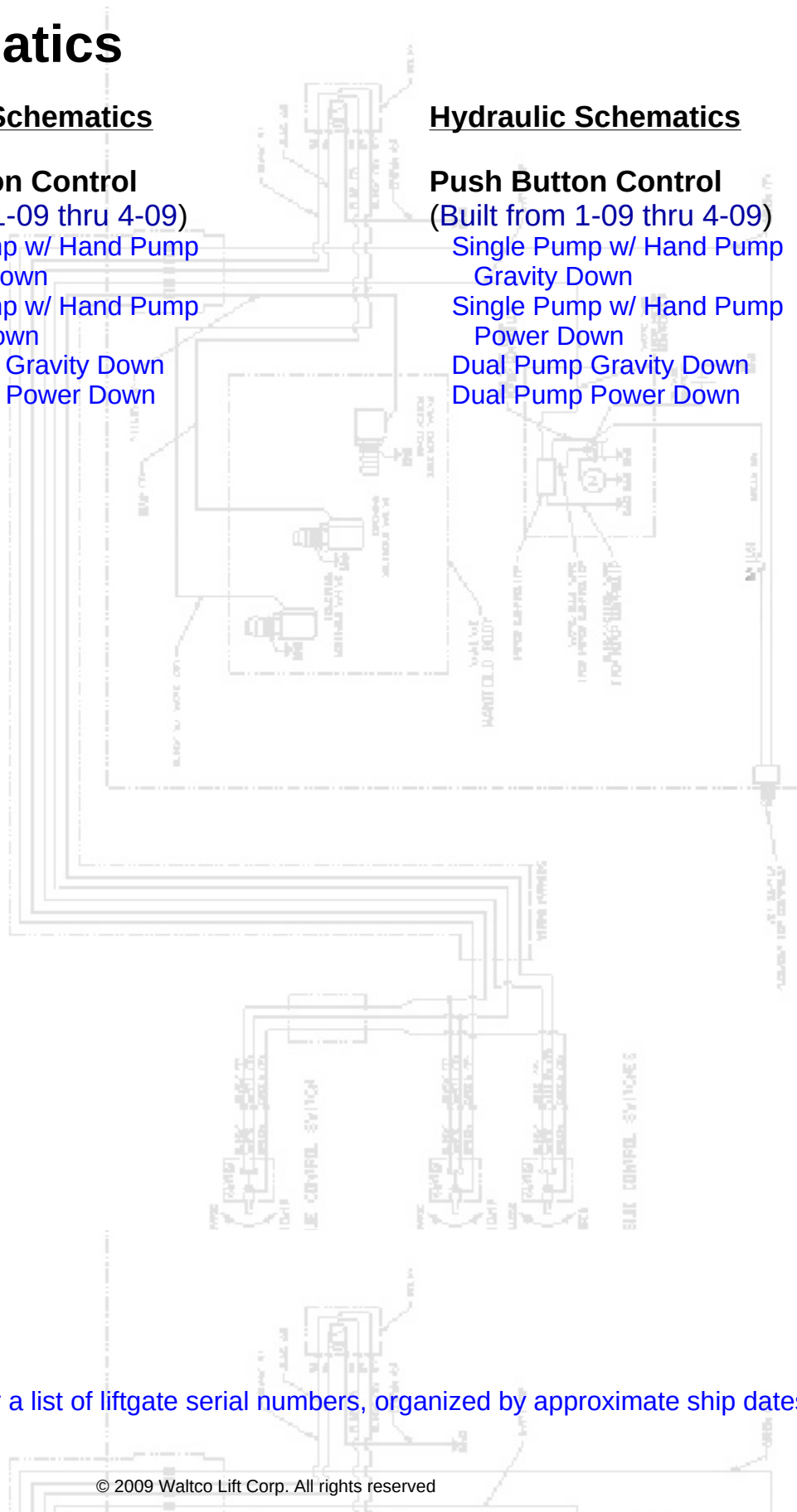
- Single Pump w/ Hand Pump
- Gravity Down
- Single Pump w/ Hand Pump
- Power Down
- Dual Pump Gravity Down
- Dual Pump Power Down

Hydraulic Schematics

Push Button Control

(Built from 1-09 thru 4-09)

- Single Pump w/ Hand Pump
- Gravity Down
- Single Pump w/ Hand Pump
- Power Down
- Dual Pump Gravity Down
- Dual Pump Power Down



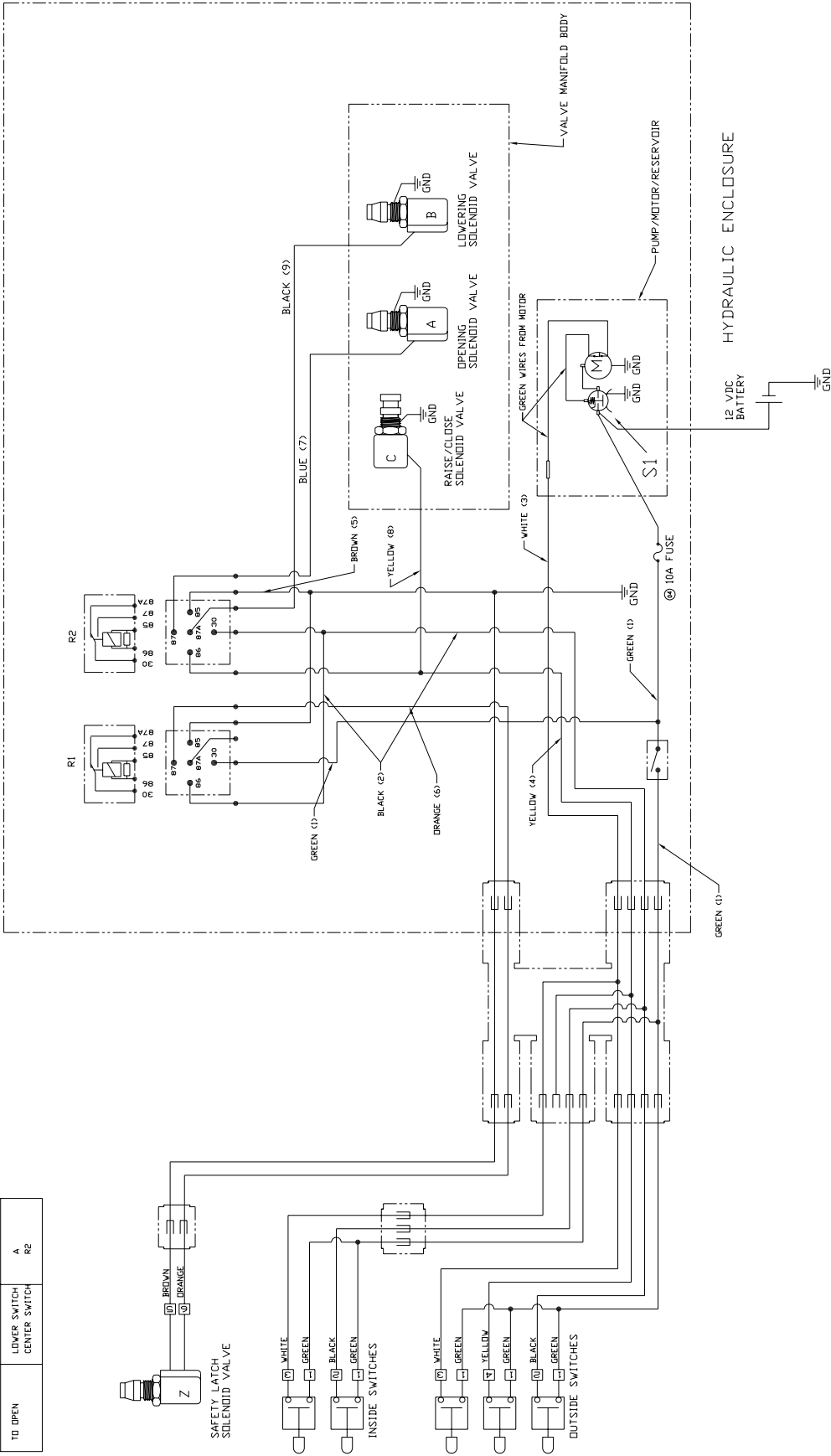
[Click here for a list of liftgate serial numbers, organized by approximate ship dates.](#)

WDL (2009) SERIES ELECTRICAL SCHEMATIC w/ PUSH BUTTON CONTROL

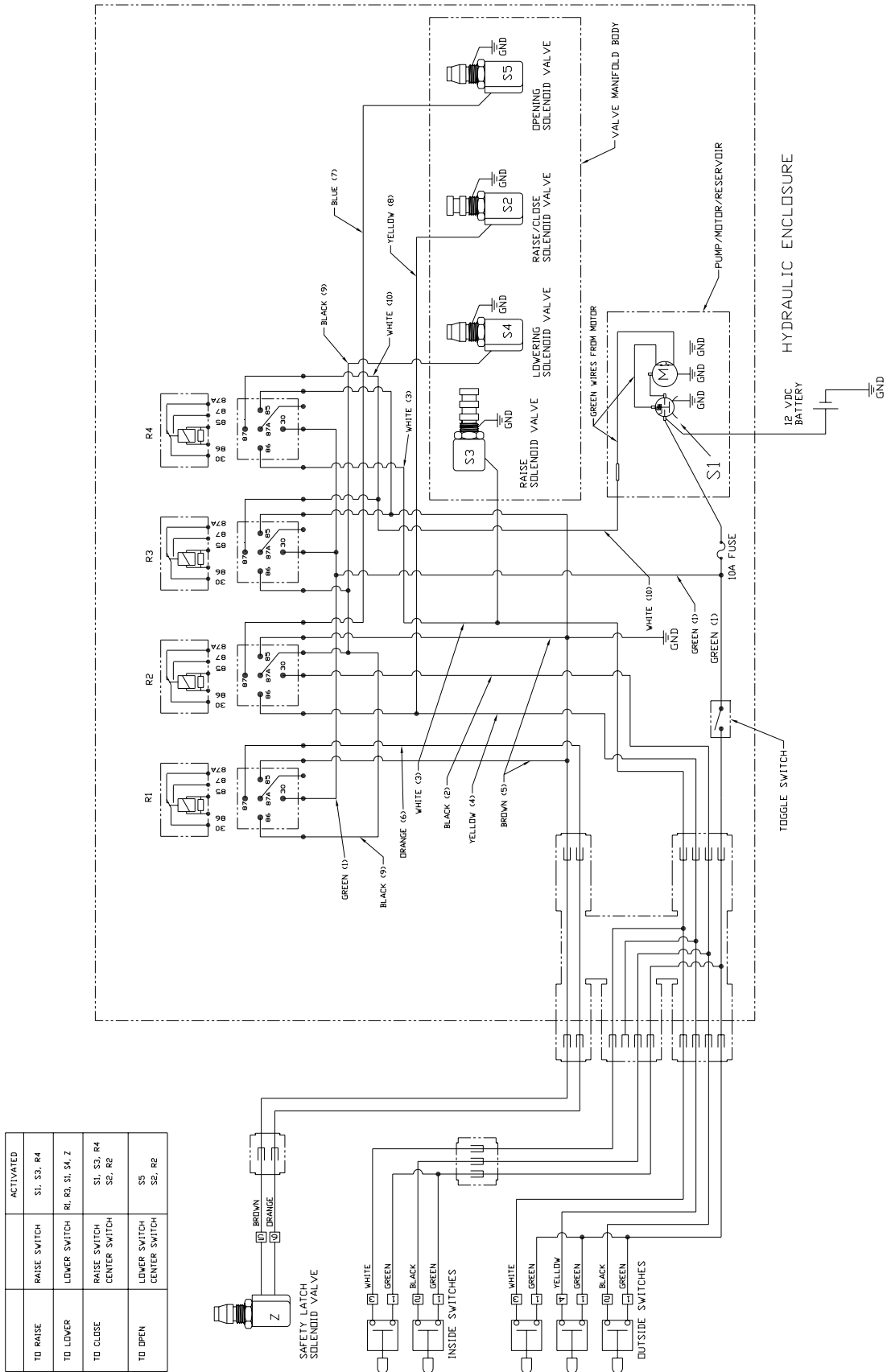
Built from 1-09 thru 4-09

SINGLE PUMP & SINGLE PUMP w/ HAND PUMP GRAVITY DOWN

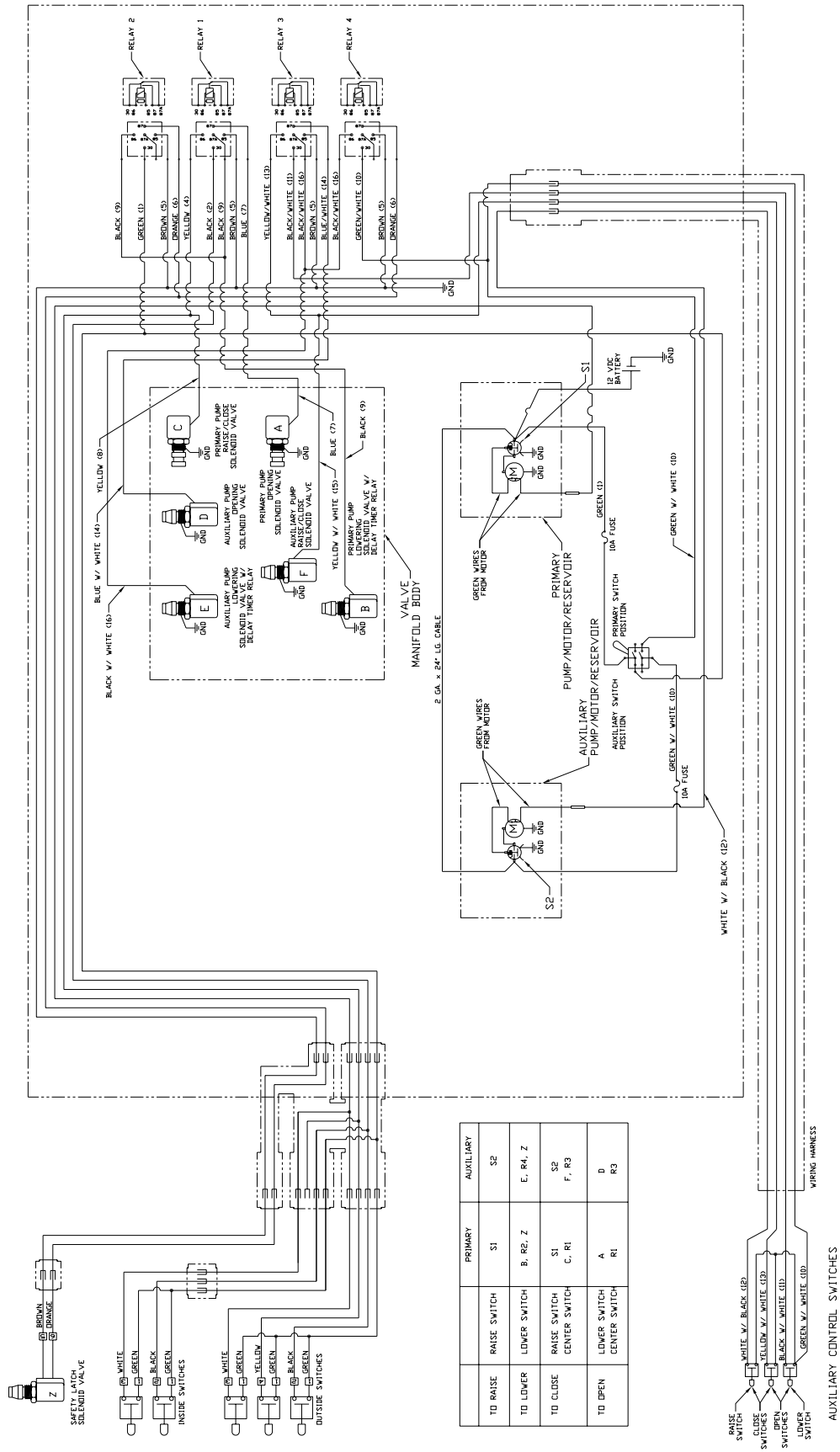
		ACTIVATED
TO RAISE	RAISE SWITCH	S1
TO LOWER	LOWER SWITCH	R1, B, Z
TO CLOSE	RAISE SWITCH CENTER SWITCH	S1 C, R2
TO OPEN	LOWER SWITCH CENTER SWITCH	A, R2



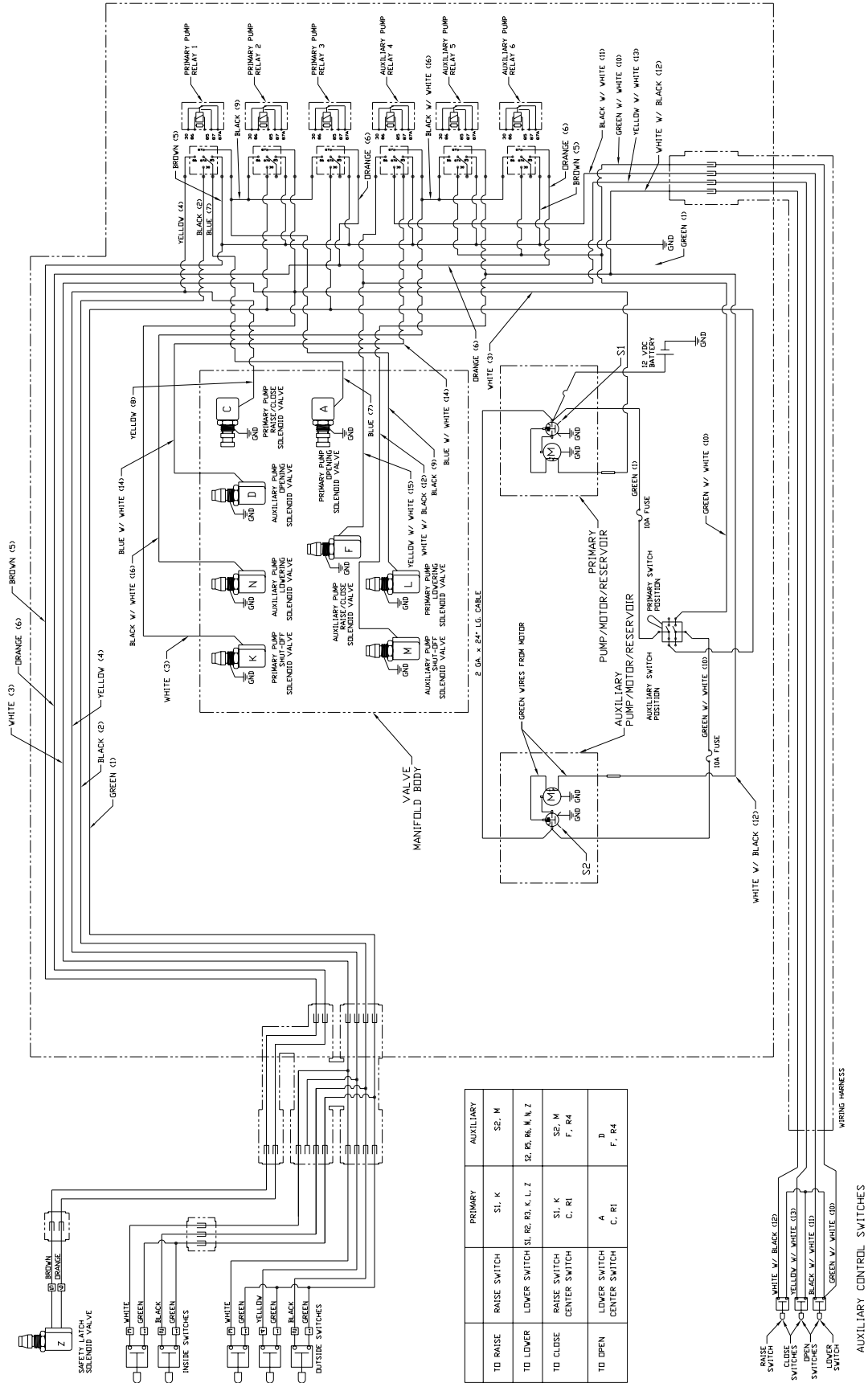
WDL (2009) SERIES ELECTRICAL SCHEMATIC w/ PUSH BUTTON CONTROL
Built from 1-09 thru 4-09
SINGLE PUMP & SINGLE PUMP w/ HAND PUMP POWER DOWN



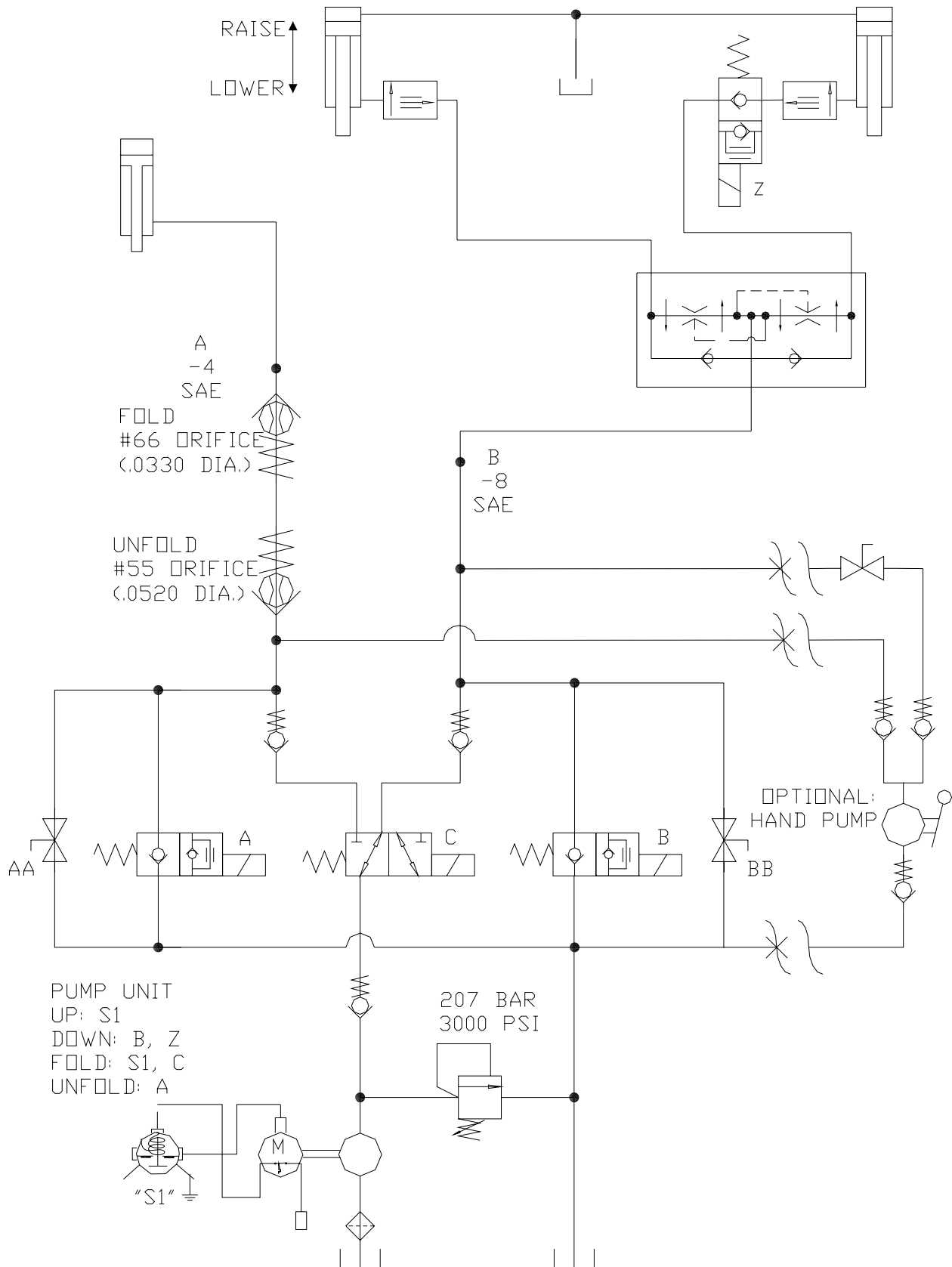
WDL (2009) SERIES ELECTRICAL SCHEMATIC w/ PUSH BUTTON CONTROL
Built from 1-09 thru 4-09
DUAL PUMP GRAVITY DOWN



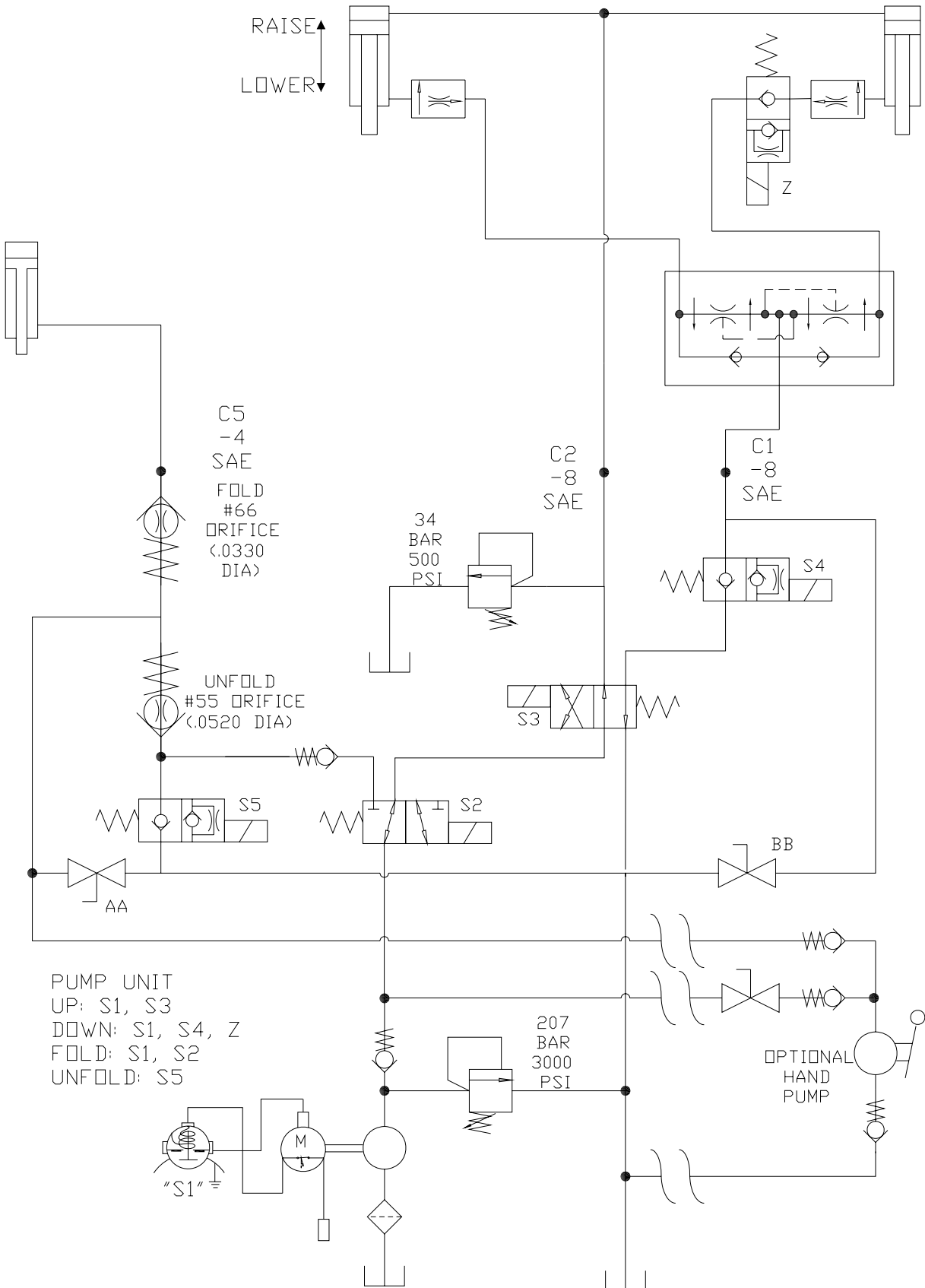
WDL (2009) SERIES ELECTRICAL SCHEMATIC w/ PUSH BUTTON CONTROL
Built from 1-09 thru 4-09
DUAL PUMP POWER DOWN



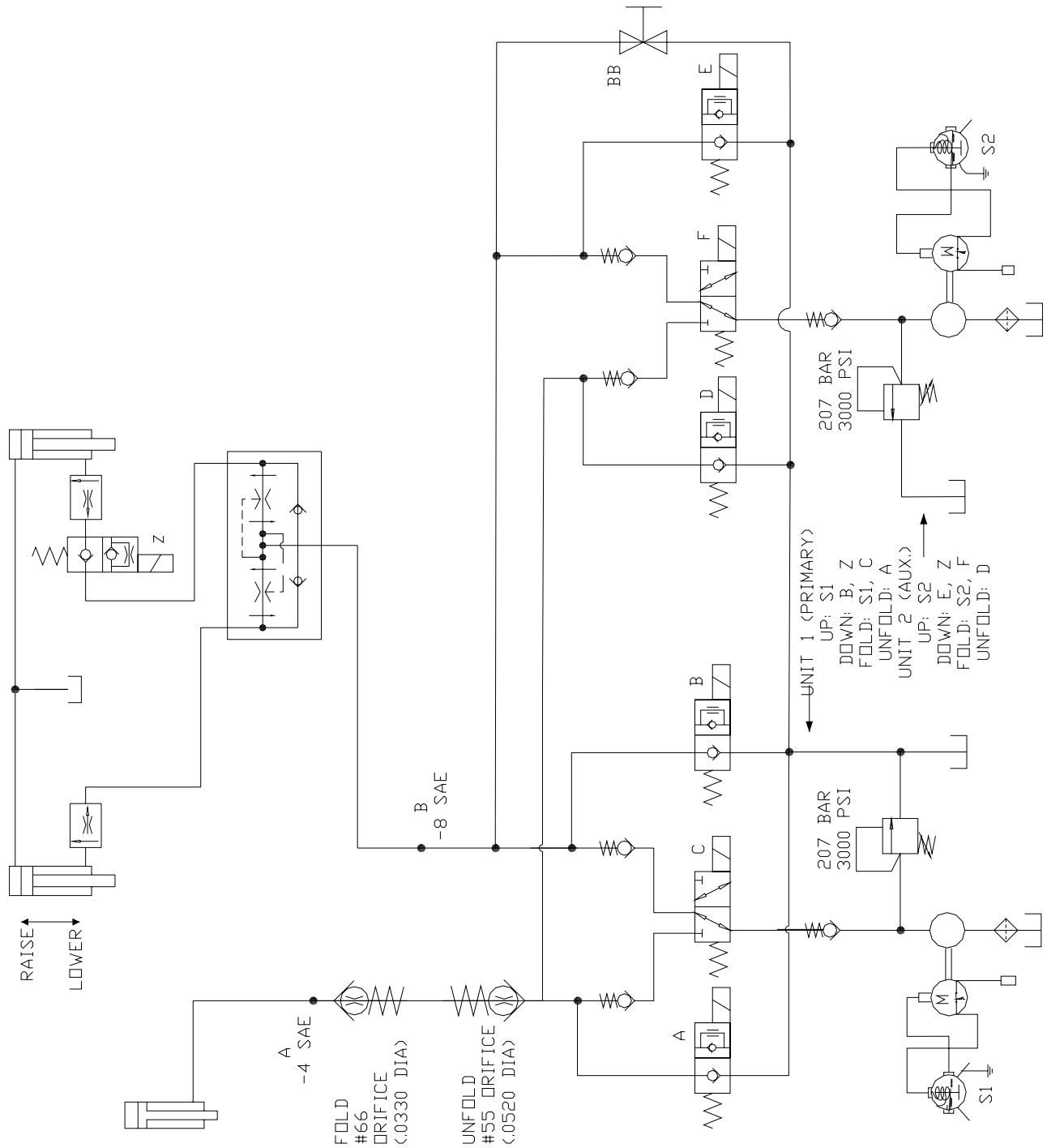
SINGLE PUMP & SINGLE PUMP w/ HAND PUMP GRAVITY DOWN



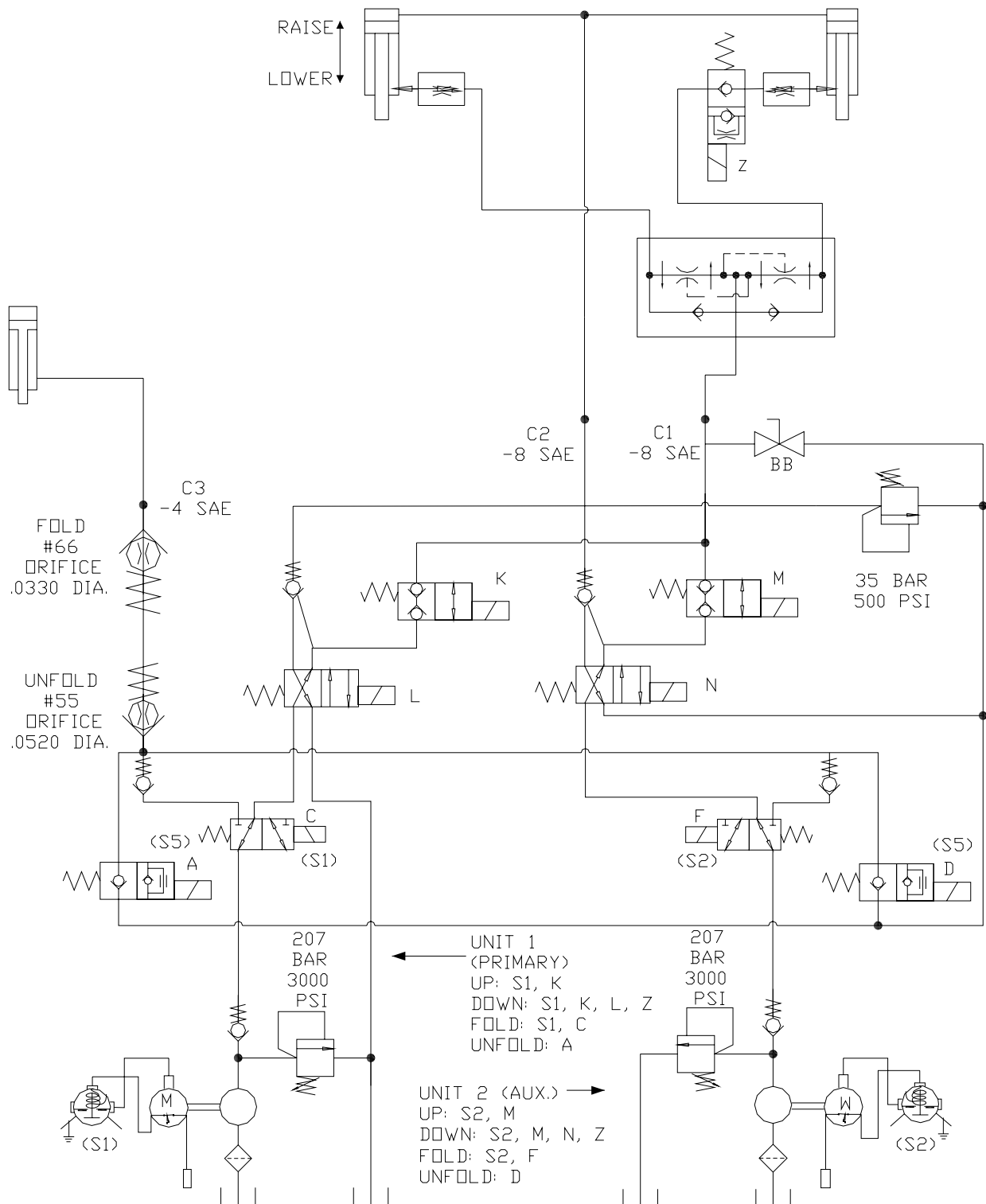
SINGLE PUMP & SINGLE PUMP w/ HAND PUMP POWER DOWN



WDL (2009) SERIES HYDRAULIC SCHEMATIC w/ PUSH BUTTON CONTROL
Built from 1-09 thru 4-09
DUAL PUMP GRAVITY DOWN



WDL (2009) SERIES HYDRAULIC SCHEMATIC w/ PUSH BUTTON CONTROL
Built from 1-09 thru 4-09
DUAL PUMP POWER DOWN



WDL-SERIES PUMPS & CYLINDER Parts Drawings

If unsure of the correct pump or cylinder part number, [click here](#).

QUICK TIP:

Most pumps have a pump pressure decal on them that also includes the pump part number. This number will always be an 8-digit part number. If still unsure, please contact Waltco for assistance.

CYLINDERS

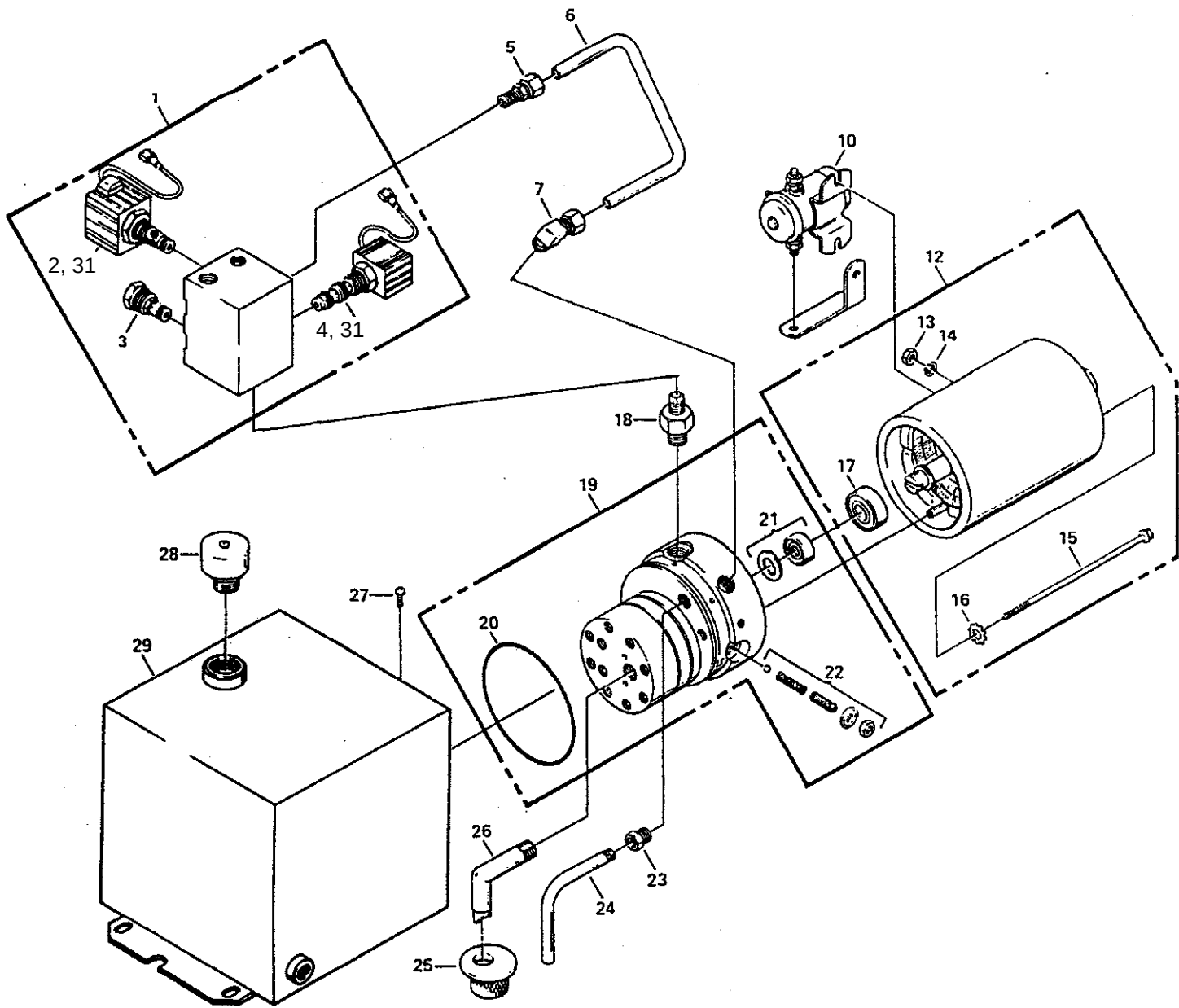
Part Number	Description	PM No.
32680050	Lift Cylinder	PM-327
32680051	Lift Cylinder	PM-327A
32480010	Closer Cylinder	PM-326
32480011	Closer Cylinder	PM-326A
32480012	Closer Cylinder	PM-326B

HYDRAULIC PUMPS

Part Number	Description	Pump Mfr.	Pressure	PM No.
85803925, 85803937	WDL Hyd. Pump Assy – Electropak	Monarch	2500 PSI	PM-287
85803973, 85803974	WDL Dual Pump Hyd. Pump Assy – Electropak	Monarch	2500 PSI	PM-288
70400975	WDL Hyd. Pump Assy – Thermalpak	Monarch	2700 PSI	PM-287A
70401000	WDL Dual Pump Hyd. Pump Assy – Thermalpak	Monarch	2700 PSI	PM-288A
70401500	WDL Hyd. Pump Assy – Thermalpak	Monarch	2700 PSI	PM-567
70401525	WDL Dual Pump Hyd. Pump Assy - Thermalpak	Monarch	2700 PSI	PM-568
70402025	WDL Hyd. Pump Assy – Thermalpak	Monarch	2700 PSI	PM-654
70402200	WDL Dual Pump Hyd. Pump Assy - Thermalpak	Monarch	2700 PSI	PM-655

80101040 Rev. 02 9/04

85803925, 85803937 – SOLENOID OPERATED



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TRUCK EQUIPMENT CO.
85803925, 85803937

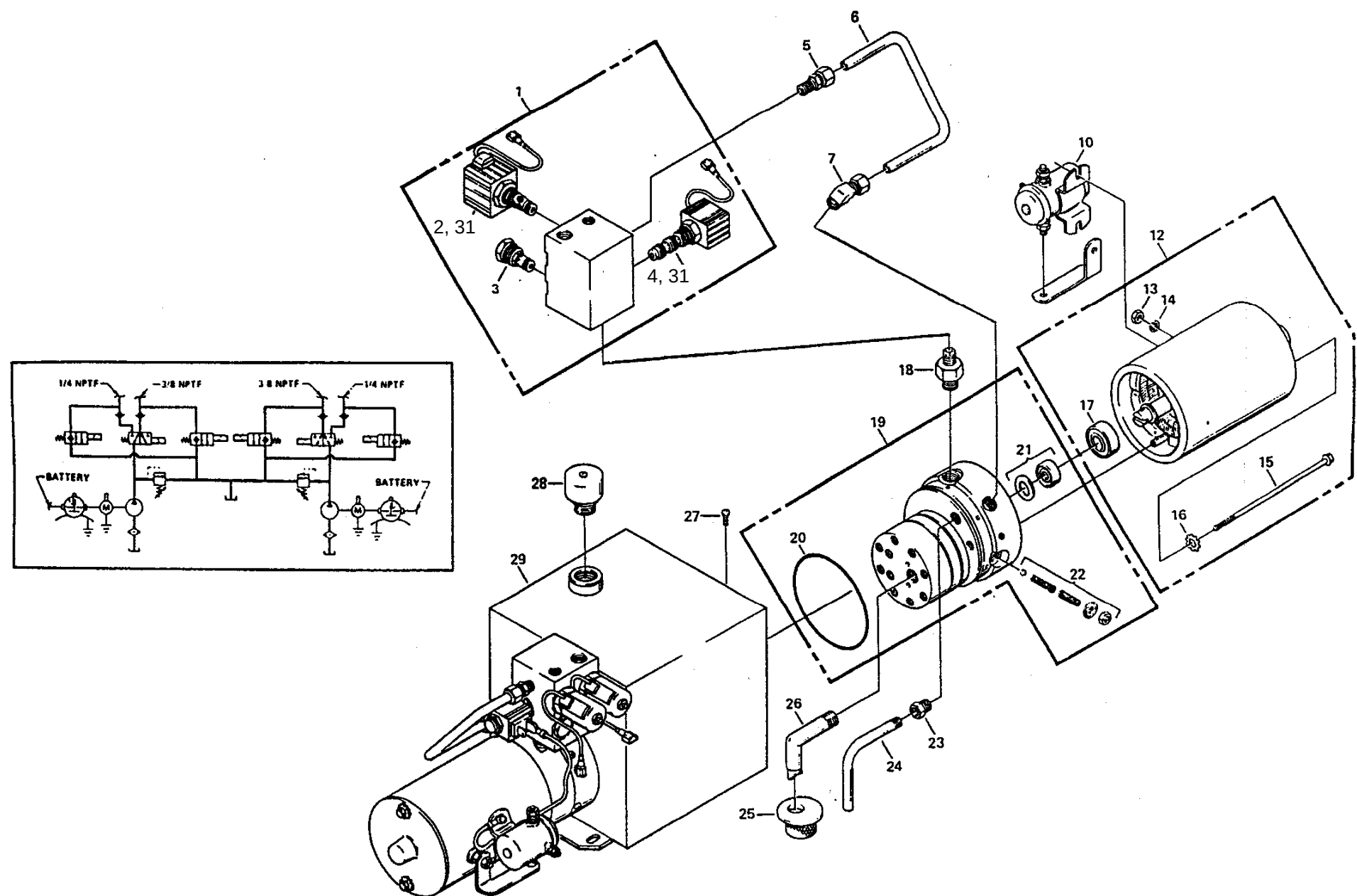
REVISED: 8-1-09
E.O. 6251
REV. 03

PM-287

ITEM	PART NUMBER	QTY	DESCRIPTION
1	70092502	1	Valve Assembly
2	70092503	2	Valve Assy, 2-way, 2 position w/ Coil
3	70092500	2	Valve, Check
4	70092501	1	Valve Assy, 3-way, 2 position w/ Coil
5	70092506	1	Connector Assembly
6	70092508	1	Tube
7	70092505	1	Elbow Assembly
10	80001065	1	Solenoid Kit
12	7043001-1	1	Motor
13	70091722	1	Hex Nut, 5/16-24
14	70091723	1	Lock Washer, 5/16"
15	70091726	2	Screw, 1/4"-20 x 6-1/2"
16	70091724	2	Start Washer, 1/4"
17	70091721	1	Bearing
18	70092510	1	Union Assembly
19	70092511	1	Pump Assembly
20	70091717	1	"O" Ring
21	70092406	1	Parts Kit, Seal & Gasket
22	70092355	1	Parts Kit, Relief Valve
23	70092504	1	Bushing
24	70092328	1	Tube
25	70091730	1	Filter
26	70091731	1	Tube, Filter Suction
27	70091738	6	Screw, #10-24 x 3/8"
28	70091734	1	Breather
29	70092512	1	Reservoir
30*	70092515*	1*	Parts Kit, Seals & Screen*
31	70402303	3	Coil, 10v, 25w

NOTE:
* Item 30 is not shown on drawings

85803973, 85803974 – SOLENOID OPERATED



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TRUCK EQUIPMENT CO.
85803973, 85803974

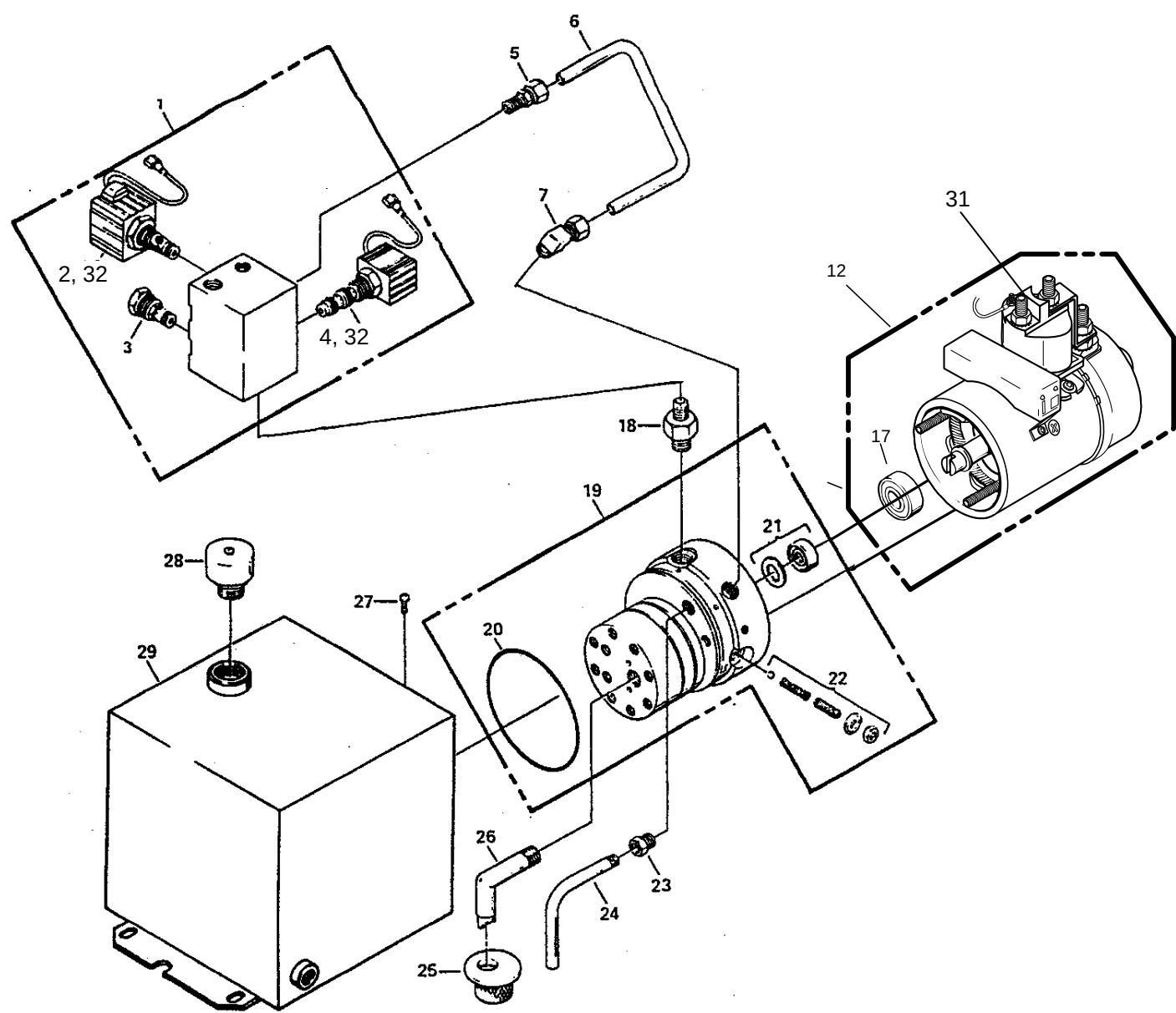
REVISED: 8-1-09
E.O. 6251
REV. 03

PM-288

ITEM	PART NUMBER	QTY	DESCRIPTION
1	70092502	2	Valve Assembly
2	70092503	4	Valve Assy, 2-way, 2 position w/ Coil
3	70092500	4	Valve, Check
4	70092501	2	Valve Assy, 3-way, 2 position w/ Coil
5	70092506	2	Connector Assembly
6	70092508	2	Tube
7	70092505	2	Elbow Assembly
10	80001065	2	Solenoid Kit
12	7043001-1	2	Motor
13	70091722	2	Hex Nut, 5/16-24
14	70091723	2	Lock Washer, 5/16"
15	70091726	4	Screw, 1/4"-20 x 6-1/2"
16	70091724	4	Start Washer, 1/4"
17	70091721	2	Bearing
18	70092510	2	Union Assembly
19	70092511	2	Pump Assembly
20	70091717	2	"O" Ring
21	70092406	2	Parts Kit, Seal & Gasket
22	70092355	2	Parts Kit, Relief Valve
23	70092504	2	Bushing
24	70092328	2	Tube
25	70091730	2	Filter
26	70091731	2	Tube, Filter Suction
27	70091738	12	Screw, #10-24 x 3/8"
28	70091734	1	Breather
29	70092513	1	Reservoir
30*	70092515*	2*	Parts Kit, Seals & Screen*
31	70402303	3	Coil, 10v, 25w

NOTE:
*** Item 30 is not shown on drawings**

70400975 – SOLENOID OPERATED



WALTCO
TRUCK EQUIPMENT CO.
70400975

REVISED: 8-1-09
E.O. 6251
REV. 03

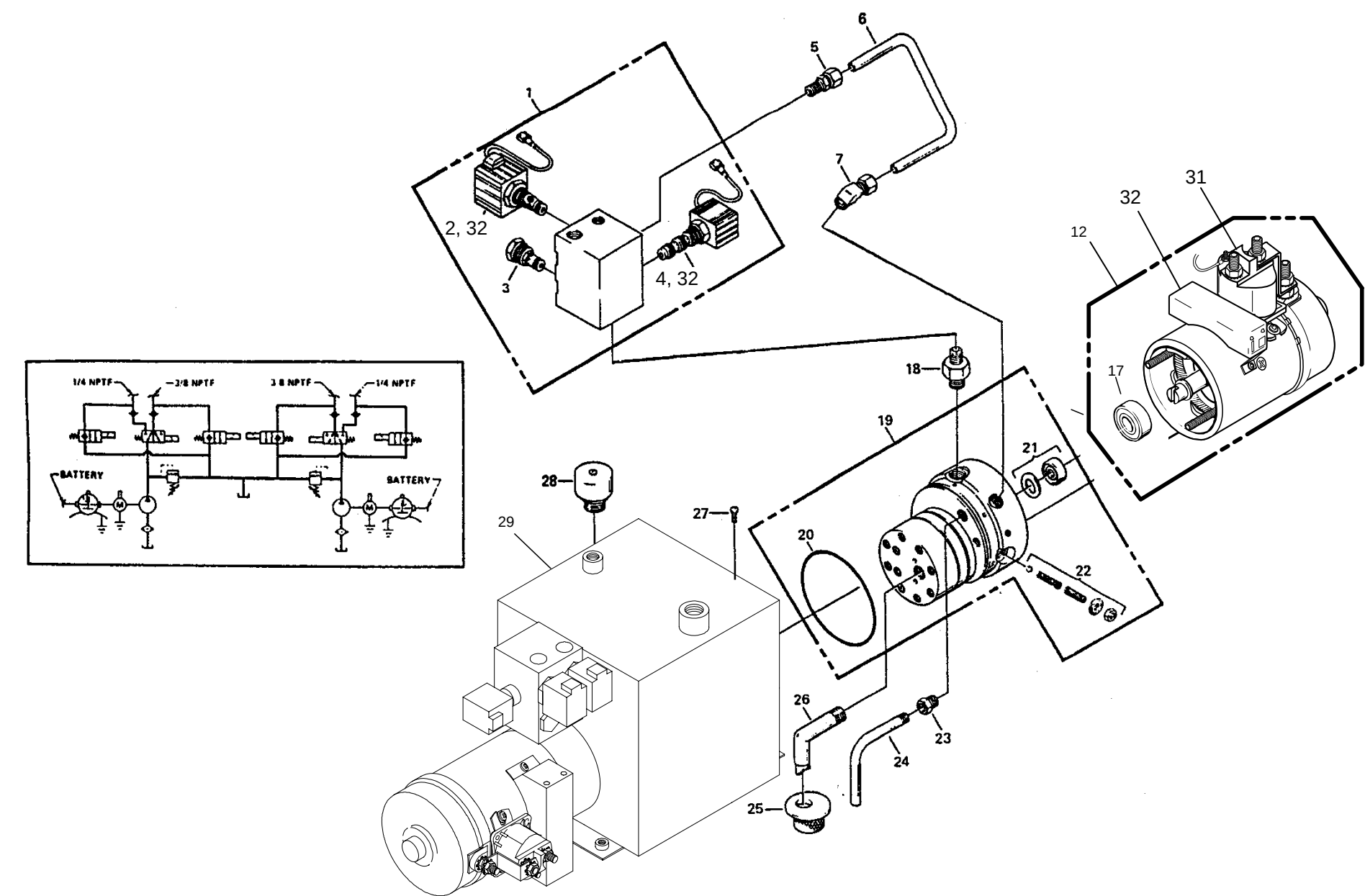
PM-287A

ITEM	PART NUMBER	QTY	DESCRIPTION
1	70092502	1	Valve Assembly
2	70092503	2	Valve Assy, 2-way, 2 position w/ Coil
3	70092500	2	Valve, Check
4	70092501	1	Valve Assy, 3-way, 2 position w/ Coil
5	70092506	1	Connector Assembly
6	70092508	1	Tube
7	70092505	1	Elbow Assembly
12	70400854	1	Motor
15	70091726	2	Screw, 1/4"-20 x 6-1/2"
16	70091724	2	Start Washer, 1/4"
17	70091721	1	Bearing
18	70092510	1	Union Assembly
19	70092511	1	Pump Assembly
20	70091717	1	"O" Ring
21	70092406	1	Parts Kit, Seal & Gasket
22	70092355	1	Parts Kit, Relief Valve
23	70092504	1	Bushing
24	70092328	1	Tube
25	70091730	1	Filter
26	70091731	1	Tube, Filter Suction
27	70091738	6	Screw, #10-24 x 3/8"
28	70091734	1	Breather
29	70092512	1	Reservoir
30*	70092515*	1*	Parts Kit, Seals & Screen*
31	80001065	1	Solenoid Kit
32	70402303	3	Coil, 10v, 25w

NOTE:

* Item 30 is not shown on drawings

70401000 – SOLENOID OPERATED DUAL PUMP

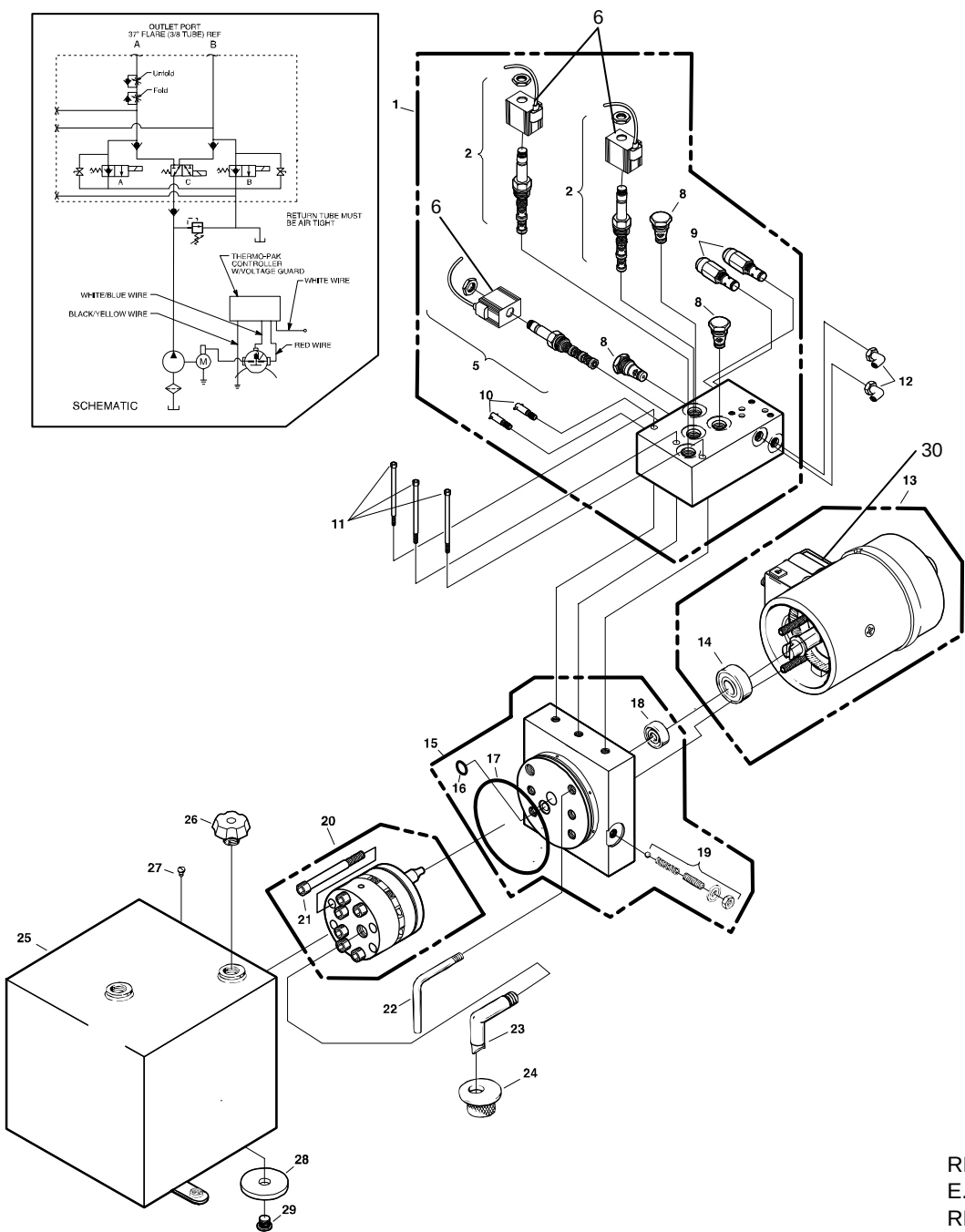


WALTCO
TRUCK EQUIPMENT CO.
70401000

REVISED: 8-1-09
E.O. 6251
REV. 03
PM-288A

ITEM	PART NUMBER	QTY	DESCRIPTION
1	70092502	2	Valve Assembly
2	70092503	4	Valve Assy, 2-way, 2 position w/ Coil
3	70092500	4	Valve, Check
4	70092501	2	Valve Assy, 3-way, 2 position w/ Coil
5	70092506	2	Connector Assembly
6	70092508	2	Tube
7	70092505	2	Elbow Assembly
12	70400854	2	Motor/Solenoid
15	70091726	4	Screw, 1/4"-20 x 6-1/2"
16	70091724	4	Start Washer, 1/4"
17	70091721	2	Bearing
18	70092510	2	Union Assembly
19	70092511	2	Pump Assembly
20	70091717	2	"O" Ring
21	70092406	2	Parts Kit, Seal & Gasket
22	70092355	2	Parts Kit, Relief Valve
23	70092504	2	Bushing
24	70092328	2	Tube
25	70091730	2	Filter
26	70091731	2	Tube, Filter Suction
27	70091738	12	Screw, #10-24 x 3/8"
28	70091734	1	Breather
29	70092513	1	Reservoir
30*	70092515*	2*	Parts Kit, Seals & Screen*
31	80001065	2	Solenoid Kit
32	70402303	3	Coil, 10v, 25w

70401500, 70401550, 70401600 – Gravity Down Single Pump w/ Thermalpak
(Built 1-01 thru 7-04)



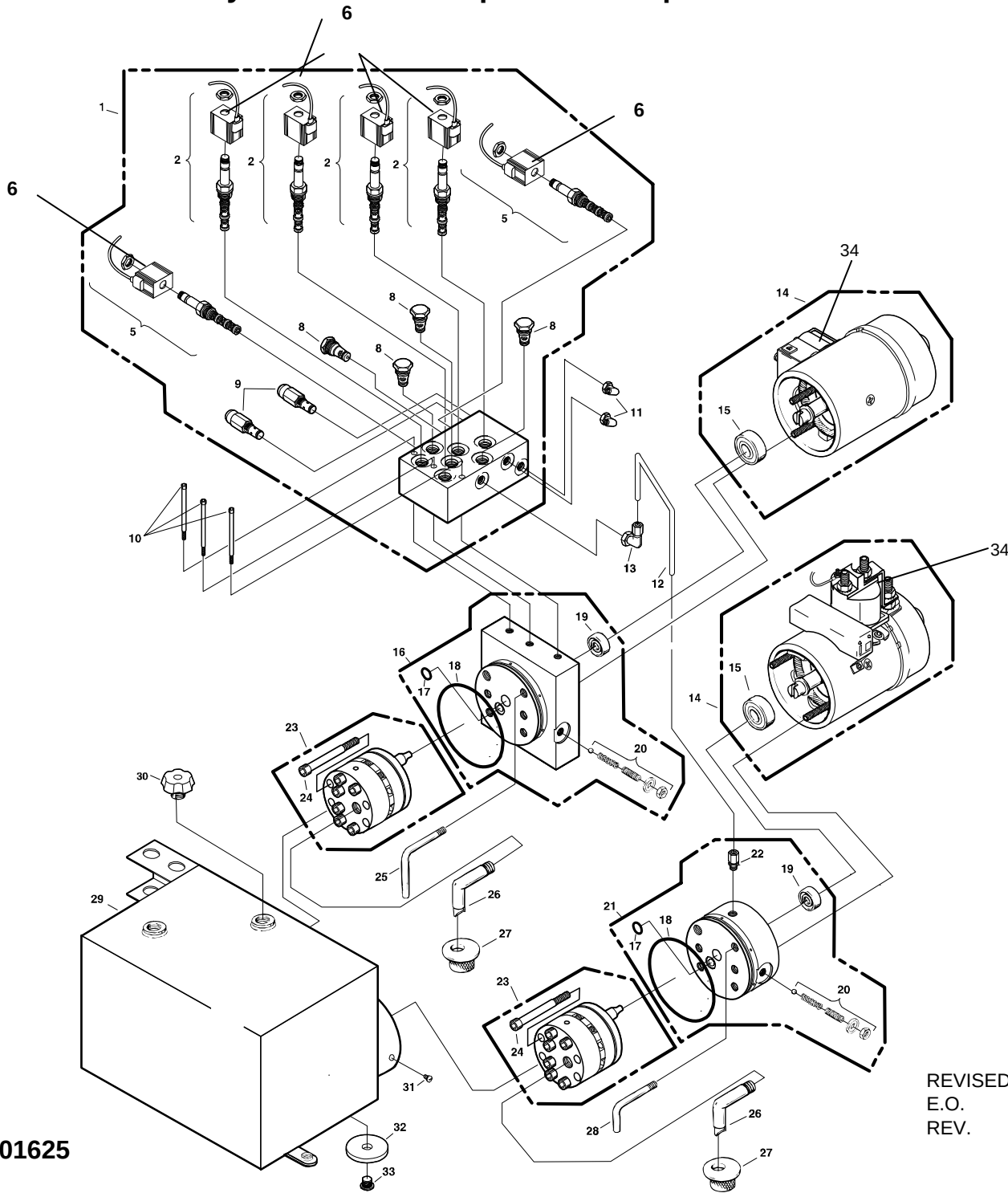
WALT
CO
TRUCK EQUIPMENT CO.
70401500, 70401550, 70401600

REVISED: 8-1-09
E.O. 6251
REV. 04

PM-567

ITEM	PART NUMBER	QTY	DESCRIPTION
1	70401502	1	Valve Assembly Complete, 12VDC
2	70092503	2	Valve Assembly, 2-Way, 2 Pos w/ Coil
5	70092501	1	Valve Assembly, 3-Way, 2 Pos w/ Coil
6	70402303	3	Coil, 10V, 25A
8	70092500	2	Check Valve
9	70401503	2	Flow Control Valve
10	70401504	2	Lowering Valve Screw Assembly
11	70401505	3	1/4"-20 x 2-3/4" Socket Head Cap Screw
12	75082866	2	45° Elbow, 9/16"-18 "O" Ring x 9/16"-18 37° Flare
13	70400858	1	Motor Assembly (includes Solenoid)
14	70091721	1	Bearing
15	70401506	1	Base Assembly
16	70401507	1	"O" Ring
17	70091717	1	"O" Ring
18	70400006	1	Shaft Seal
19	70092355	1	Relief Valve Assembly
20	70401508	1	Pump Assembly
21	70401509	4	1/4"-20 x 3" Socket Head Cap Screw
22	70401405	1	Return Tube
23	70091731	1	Suction Tube
24	70091730	1	Filter, Screen
25	70401501	1	Reservoir
26	70401404	1	Breather
27	70091738	6	#10-24 x 3/8" Thread Forming Screw
28	70401510	1	Gasket
29	70401511	1	Plug, Drain
30	80001065	1	Solenoid Kit

70401525, 70401575, 70401625 – Gravity Down Dual Pump w/ Thermalpak
(Built 1-01 thru 7-04)



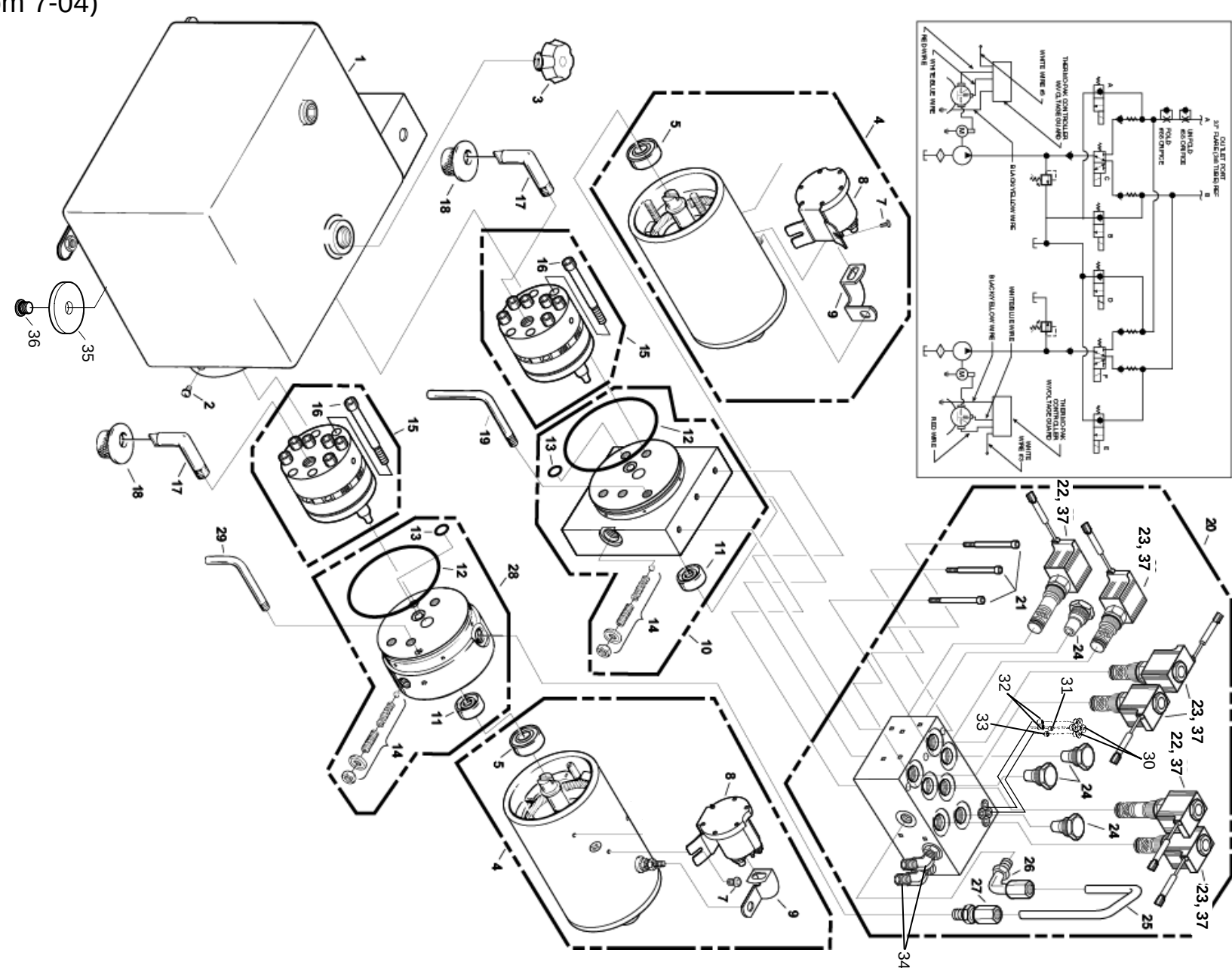
WALTCO
TRUCK EQUIPMENT CO.
70401525, 70401575, 70401625

REVISED: 8-1-09
E.O. 6251
REV. 04

PM-568

ITEM	PART NUMBER	QTY	DESCRIPTION
1	70401527	1	Valve Assembly Complete, 12VDC
2	70092503	4	Valve Assembly, 2-Way, 2 Pos w/ Coil
5	70092501	2	Valve Assembly, 3-Way, 2 Pos w/ Coil
6	70402303	6	Coil, 10V, 25A
8	70092500	4	Check Valve
9	70401503	2	Flow Control Valve
10	70401505	3	1/4"-20 x 2-3/4" Socket Head Cap Screw
11	75082866	2	45° Elbow, 9/16"-18 "O" Ring x 9/16"-18 37° Flare
12	70401528	1	Pressure Tube
13	70401529	1	Elbow Assembly
14	70400858	2	Motor Assembly (includes Solenoid)
15	70091721	2	Bearing
16	70401506	1	Base Assembly
17	70401507	2	"O" Ring
18	70091717	2	"O" Ring
19	70400006	2	Shaft Seal
20	70092355	2	Relief Valve Assembly
21	70401530	1	Base Assembly
22	70401531	1	Connector Assembly
23	70401508	2	Pump Assembly
24	70401509	8	1/4"-20 x 3" Socket Head Cap Screw
25	70401405	1	Return Tube
26	70091731	2	Suction Tube
27	70091730	2	Filter, Screen
28	70401406	1	Return Tube
29	70401526	1	Reservoir
30	70401404	1	Breather
31	70091738	12	#10-24 x 3/8" Thread Forming Screw
32	70401510	1	Gasket
33	70401511	1	Plug, Drain
34	80001065	2	Solenoid Kit

70402200, 70402225 70402250 – Gravity Down Dual Pump w/ Thermalpak
(Built from 7-04)



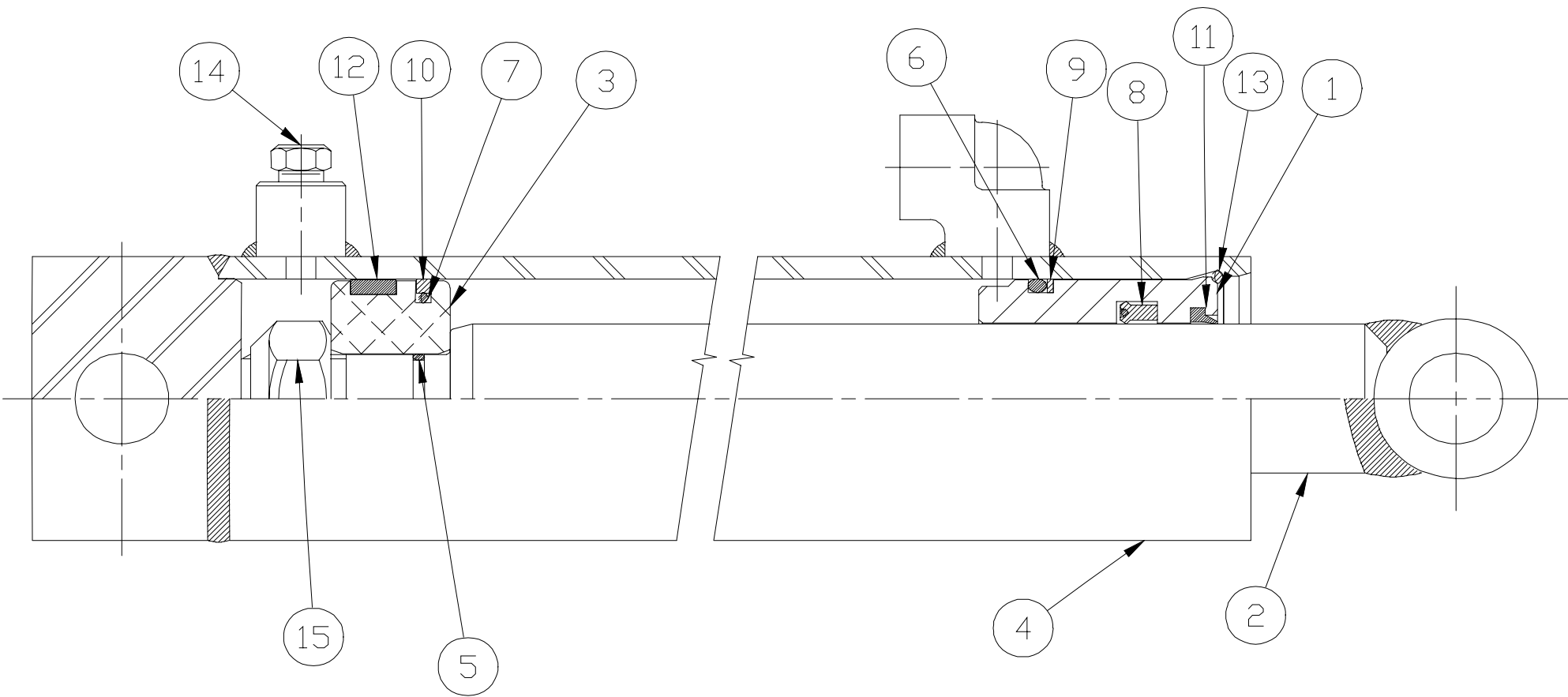
WALTCO
TRUCK EQUIPMENT CO.
70402200, 70402225, 70402250

REVISED: 8-1-09
E.O. 6251
REV. 02

PM-655

ITEM	PART NUMBER	QTY	DESCRIPTION
1	70401526	1	Reservoir
2	70091738	12	#10-24 x 3/8" Thread Forming Screw
3	70401404	1	Breather
4	70400858	2	Motor Assembly (includes Solenoid)
5	70091721	2	Bearing
7	70402029	4	#10-32 x 3/8" Thread forming screw
8	80001065	2	Solenoid Kit
9	75089834	2	Buss Bar
10	70401506	1	Base Assembly
11	70400006	2	Shaft Seal
12	70091717	2	"O" Ring
13	70401507	2	"O" Ring
14	70092355	2	Relief Valve Assembly
15	70401508	2	Pump Assembly
16	70401509	8	1/4"-20 x 3" Socket Head Cap Screw
17	70091731	2	Suction Tube
18	70091730	2	Filter, Screen
19	70401405	1	Return Tube
20	70402201	1	Valve Assembly Complete, 12VDC
21	70401505	3	1/4"-20 x 2-3/4" Socket Head Cap Screw
22	70092501	2	Valve Assembly, 3-Way, 2 Pos w/ Coil
23	70092503	4	Valve Assembly, 2-Way, 2 Pos w/ Coil
24	70092500	4	Check Valve
25	70401528	1	Pressure Tube
26	70401529	1	Elbow Assembly
27	70401531	1	Connector Assembly
28	70401530	1	Base Assembly
29	70401406	1	Return Tube
30	70401415	4	Plug
31	70402031	1	Plug Orifice, #66 Hole
32	70402032	2	Check valve Cartridge
33	70400103	1	Plug Orifice, #55 Hole
34	75082866	2	45° Elbow, 9/16"-18 "O" Ring x 9/16"-18 37° Flare
35	70401510	1	Gasket
36	70401511	1	Plug, Drain
37	70402303	6	Coil, 10V, 25A

LIFT CYLINDER - 32680050



SPECIFICATIONS:
Retracted 62.00"
Extended 117.25"
Barrel O.D. 2.38"

**WALTCO
TRUCK EQUIPMENT CO.
LIFT CYLINDER - 32680050**

REVISED: 4-21-2000
E.O. 3443
REV. 03

PM-327

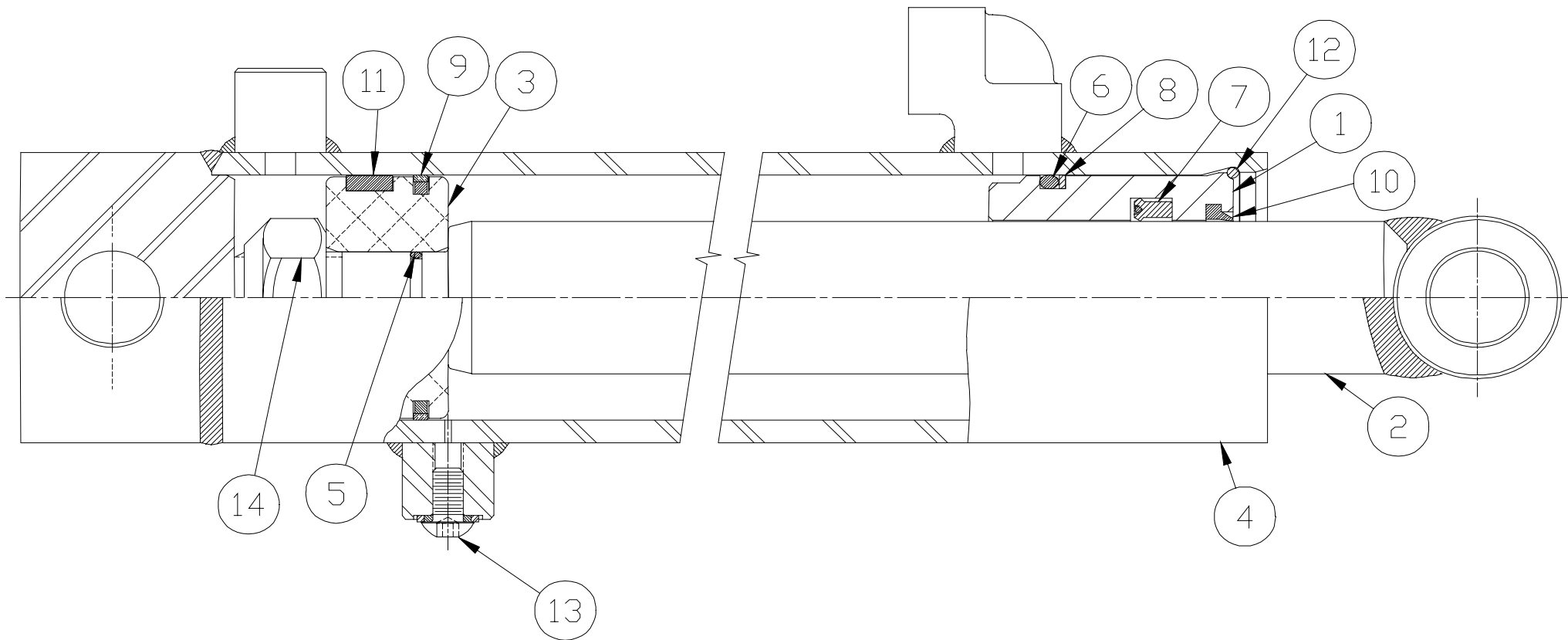
ITEM	PART NUMBER	QTY	DESCRIPTION
1	32680250	1	Nose Bearing
2	32681150	1	Rod Assembly
3	32681550	1	Piston
4	32682050	1	Barrel Assembly
5	-----*	1	“O” Ring
6	-----*	1	“O” Ring
7	-----*	1	“O” Ring
8	-----*	1	Rod Seal
9	-----*	1	Backup Ring
10	-----*	1	Piston Seal
11	-----*	1	Rod Wiper
12	-----*	1	Wear Ring
13	37482950	1	Retaining Ring
14	32681850	1	Breather
15	13581650	1	Locknut

* Indicates parts included in repair kit No. 32680095.

NOTE: Refer to cylinder serial number located on the cylinder barrel when ordering parts.

Example: 11326-XXXXX

LIFT CYLINDER RM - 32680051



SPECIFICATIONS:
Retracted 62.00”
Extended 117.25”
Barrel O.D. 2.38”

**WALTCO
TRUCK EQUIPMENT CO.
LIFT CYLINDER RM - 32680051**

REVISED: 3-3-2000
E.O. 3443
REV. 01

PM-327A

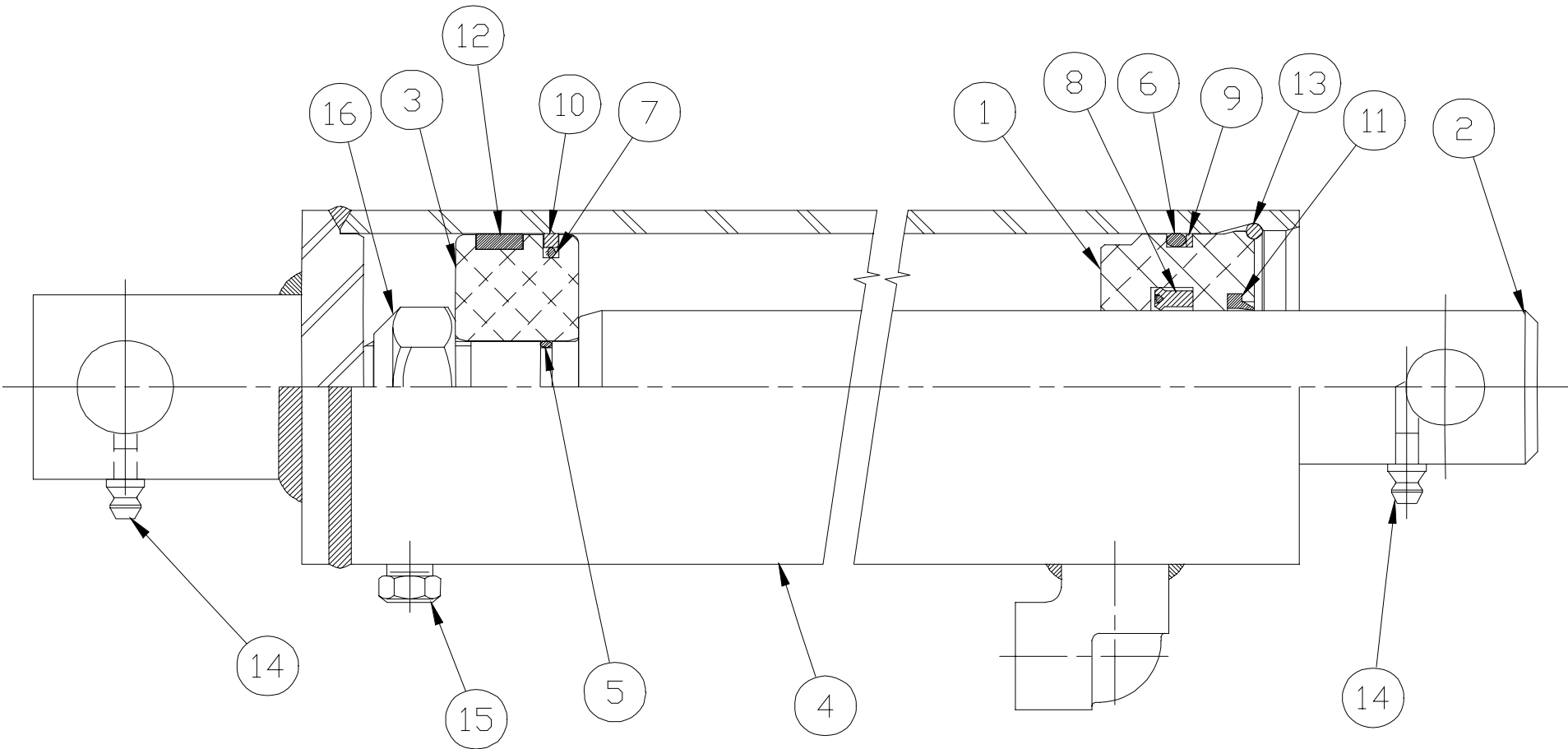
ITEM	PART NUMBER	QTY	DESCRIPTION
1	32680250	1	Nose Bearing
2	32681151	1	Rod Assembly
3	32681551	1	Piston
4	32682051	1	Barrel Assembly
5	-----*	1	“O” Ring
6	-----*	1	“O” Ring
7	-----*	1	Rod Seal
8	-----*	1	Backup Ring
9	-----*	1	Piston Seal
10	-----*	1	Rod Wiper
11	-----*	1	Wear Ring
12	37482950	1	Retaining Ring
13	31493601	1	Bleeder Screw w/ Seal Washer
14	13581650	1	Locknut

* Indicates parts included in repair kit No. 32680096.

NOTE: Refer to cylinder serial number located on the cylinder barrel when ordering parts.

Example: 11398-XXXXX

CLOSER CYLINDER - 32480010



SPECIFICATIONS:
Retracted 10.875"
Extended 15.25"
Barrel O.D. 2.88"

**WALTCO
TRUCK EQUIPMENT CO.
CLOSER CYLINDER - 32480010**

REVISED: 4-21-2000
E.O. 3443
REV. 02

PM-326

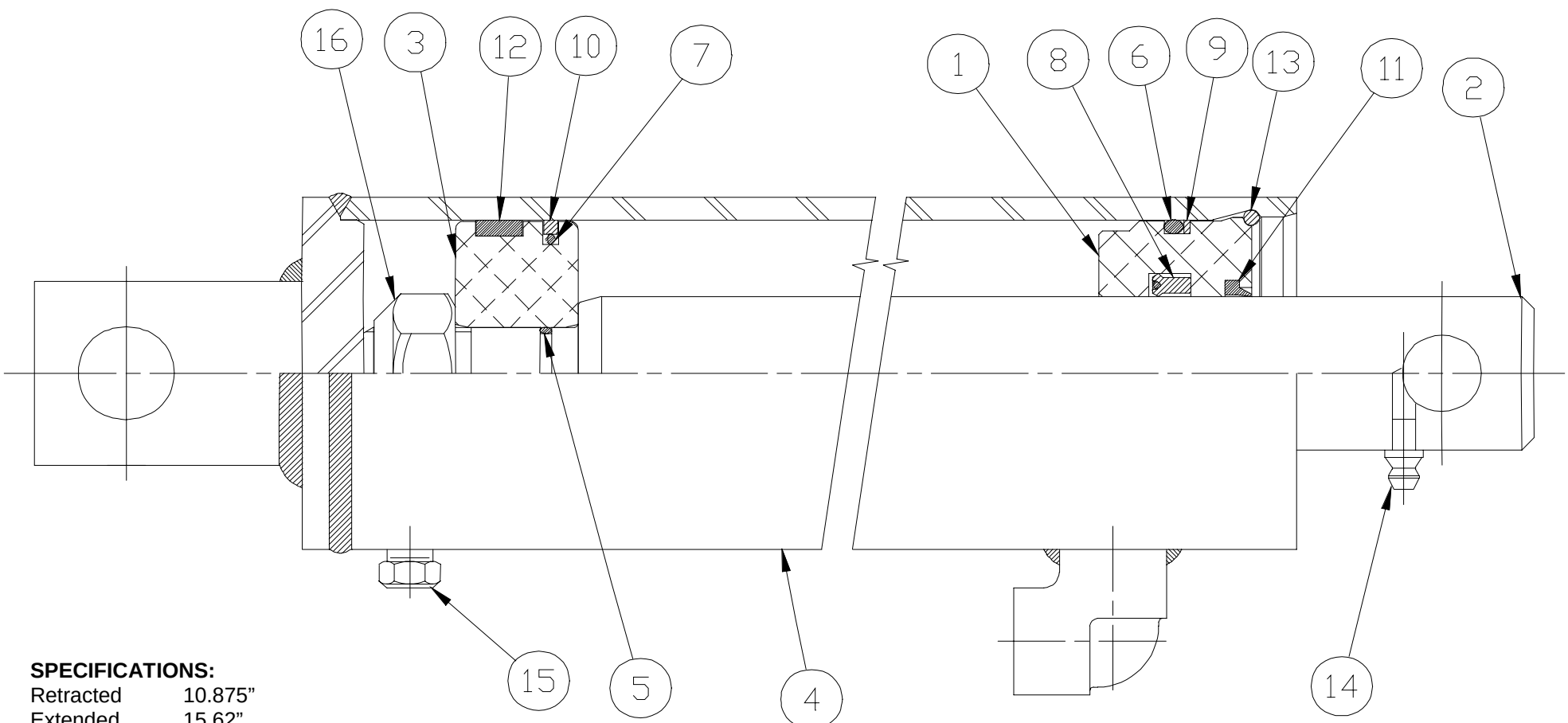
ITEM	PART NUMBER	QTY	DESCRIPTION
1	32480210	1	Nose Bearing
2	32481110	1	Rod Assembly
3	32481510	1	Piston
4	32482010	1	Barrel Assembly
5	-----*	1	“O” Ring
6	-----*	1	“O” Ring
7	-----*	1	“O” Ring
8	-----*	1	Rod Seal
9	-----*	1	Backup Ring
10	-----*	1	Piston Seal
11	-----*	1	Rod Wiper
12	-----*	1	Wear Ring
13	35282950	1	Retaining Ring
14	75089303	2	Grease Fitting
15	32681850	1	Breather
16	13581650	1	Locknut

* Indicates parts included in repair kit No. 32480095.

NOTE: Refer to cylinder serial number located on the cylinder barrel when ordering parts.

Example: 11324-XXXXX

CLOSER CYLINDER - 32480011



WALTCO
TRUCK EQUIPMENT CO.
CLOSER CYLINDER – 32480011

REVISED: 4-21-2000
E.O. 3443
REV. 03
PM-326A

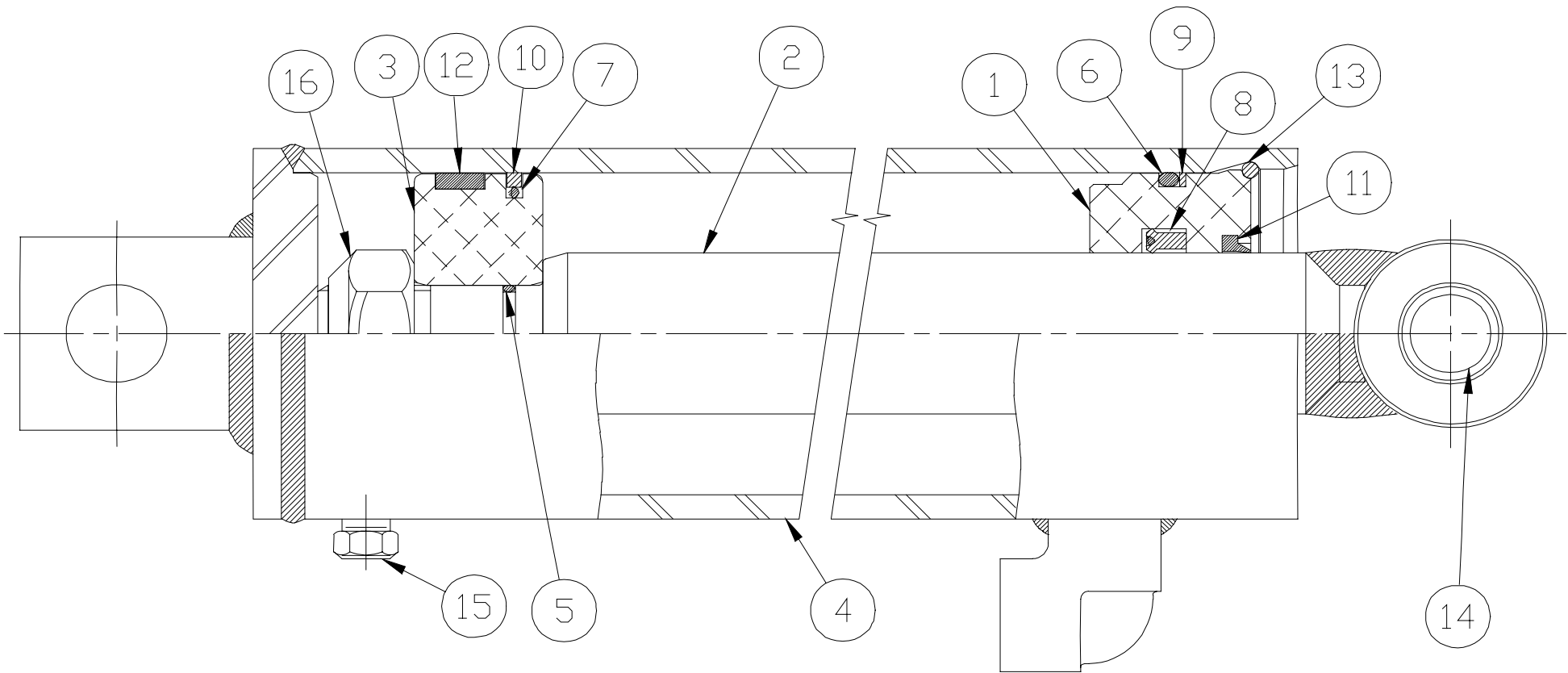
ITEM	PART NUMBER	QTY	DESCRIPTION
1	32480210	1	Nose Bearing
2	32481111	1	Rod Assembly
3	32481510	1	Piston
4	32482011	1	Barrel Assembly
5	-----*	1	“O” Ring
6	-----*	1	“O” Ring
7	-----*	1	“O” Ring
8	-----*	1	Rod Seal
9	-----*	1	Backup Ring
10	-----*	1	Piston Seal
11	-----*	1	Rod Wiper
12	-----*	1	Wear Ring
13	35282950	1	Retaining Ring
14	75089303	2	Grease Fitting
15	32681850	1	Breather
16	13581650	1	Locknut

* Indicates parts included in repair kit No. 32480095.

NOTE: Refer to cylinder serial number located on the cylinder barrel when ordering parts.

Example: 11390-XXXXX

CLOSER CYLINDER RM - 32480012



SPECIFICATIONS:
Retracted 10.875"
Extended 15.62"
Barrel O.D. 2.88"

**WALT
CO.**
TRUCK EQUIPMENT CO.
CLOSER CYLINDER RM - 32480012

REVISED: 4-21-2000
E.O. 3443
REV. 01
PM-326B

ITEM	PART NUMBER	QTY	DESCRIPTION
1	32480210	1	Nose Bearing
2	32481112	1	Rod Assembly
3	32481510	1	Piston
4	32482011	1	Barrel Assembly
5	-----*	1	“O” Ring
6	-----*	1	“O” Ring
7	-----*	1	“O” Ring
8	-----*	1	Rod Seal
9	-----*	1	Backup Ring
10	-----*	1	Piston Seal
11	-----*	1	Rod Wiper
12	-----*	1	Wear Ring
13	35282950	1	Retaining Ring
14	32481712	1	Bearing
15	32681850	2	Breather
16	13581650	1	Locknut

* Indicates parts included in repair kit No. 32480095.

NOTE: Refer to cylinder serial number located on the cylinder barrel when ordering parts.

Example: 11406-XXXXX

WALTCO approximate serial number dates.

Tallmadge

Revised 12-14-10

Ser No	Date	Ser No	Date	Ser No	Date	Ser No	Date	Ser No	Date
220000	11/88	322000	03/95	424000	03/00	526000	06/05	618000	11/10
221000	12/88	323000	04/95	425000	04/00	527000	07/05	619000	12/10
222000	01/89	324000	06/95	426000	05/00	528000	07/05		
223000	03/89	325000	07/95	427000	07/00	529000	09/05		
224000	04/89	326000	09/95	428000	08/00	540000	09/05		
225000	05/89	327000	09/95	429000	08/00	541000	10/05		
226000	06/89	328000	11/95	440000	09/00	542000	11/05		
227000	08/89	329000	01/96	441000	11/00	543000	11/05		
228000	10/89	340000	02/96	442000	12/00	544000	12/05		
229000	11/89	341000	03/96	443000	02/01	545000	02/06		
240000	01/90	342000	04/96	444000	04/01	546000	03/06		
241000	02/90	343000	05/96	445000	05/01	547000	03/06		
242000	07/90	344000	07/96	446000	09/01	548000	03/06		
243000	04/90	345000	08/96	447000	09/01	549000	04/06		
244000	05/90	346000	10/96	448000	11/01	560000	05/06		
245000	07/90	347000	12/96	449000	01/02	561000	06/06		
246000	09/90	348000	03/97	460000	04/00	562000	06/06		
247000	12/90	349000	03/97	461000	05/02	563000	06/06		
248000	12/90	360000	04/97	462000	06/02	564000	06/06		
249000	02/91	361000	05/97	463000	09/02	565000	07/06		
260000	04/91	362000	06/97	464000	10/02	566000	08/06		
261000	05/91	363000	07/97	465000	12/02	567000	09/06		
262000	08/91	364000	08/97	466000	01/03	568000	10/06		
263000	10/91	365000	10/97	467000	02/03	569000	11/06		
264000	12/91	366000	11/97	468000	05/03	580000	01/07		
265000	02/92	367000	12/97	469000	05/03	581000	01/07		
266000	03/92	368000	01/98	480000	07/03	582000	02/07		
267000	05/92	369000	06/98	481000	08/03	583000	03/07		
268000	06/92	380000	03/98	482000	10/03	584000	05/07		
269000	08/92	381000	06/98	483000	11/03	585000	06/07		
280000	09/92	382000	06/98	484000	01/04	586000	07/07		
281000	11/92	383000	08/98	485000	02/04	587000	10/07		
282000	12/92	384000	08/98	486000	02/04	588000	11/07		
283000	02/93	385000	11/98	487000	03/04	589000	01/08		
284000	03/93	386000	12/98	488000	03/04	600000	02/08		
285000	04/93	387000	12/98	489000	05/04	601000	05/08		
286000	06/93	388000	01/99	500000	05/04	602000	07/08		
287000	07/93	389000	04/99	501000	06/04	603000	09/08		
288000	08/93	400000	02/99	502000	06/04	604000	01/09		
289000	10/93	401000	03/99	503000	07/04	605000	04/09		
300000	11/93	402000	05/99	504000	09/04	606000	07/09		
301000	02/94	403000	05/99	505000	10/04	607000	08/09		
302000	02/94	404000	06/99	506000	12/04	608000	10/09		
303000	03/94	405000	08/99	507000	01/05	609000	11/09		
304000	04/94	406000	08/99	508000	02/05	610000	12/09		
305000	05/94	407000	10/99	509000	02/05	611000	01/10		
306000	08/94	408000	11/99	520000	03/05	612000	03/10		
307000	09/94	409000	11/99	521000	03/05	613000	05/10		
308000	10/94	420000	12/99	522000	03/05	614000	06/10		
309000	10/94	421000	12/99	523000	04/05	615000	08/10		
320000	12/94	422000	04/00	524000	04/05	616000	09/10		
321000	01/95	423000	03/00	524500	05/05	617000	10/10		

***All Serial Number
Dates are approximate**

Gardena

Ser No	Date
116000	01/83
117000	05/83
118000	09/83
119000	12/83
130000	03/84
131000	05/84
132000	07/84
133000	10/84
134000	12/84
135000	03/85
136000	04/85
137000	07/85
138000	10/85
139000	11/85
150000	03/86
151000	05/86
152000	09/86
153000	12/86
154000	03/87
155000	05/87
156000	07/87
157000	10/87
158000	11/87
159000	12/87
170000	02/88
171000	04/88
172000	06/88

Ser No	Date
173000	08/88
174000	10/88
175000	11/88
176000	01/89
177000	03/89
178000	04/89
179000	07/89
190000	09/89
191000	11/89
192000	01/90
193000	03/90
194000	05/90
195000	07/90
196000	10/90
197000	12/90
198000	03/91
199000	06/91
210000	09/91
211000	12/91
212000	04/92
213000	06/92
214000	09/92
215000	12/92
216000	02/93
217000	05/93
218000	08/93
219000	12/93

Ser No	Date
230000	02/94
231000	05/94
232000	08/94
233000	10/94
234000	12/94
235000	02/95
236000	05/95
237000	08/95
238000	11/95
239000	01/96
250000	03/96
251000	06/96
252000	09/96
253000	12/96
254000	03/97
255000	05/97
256000	08/97
257000	10/97
258000	01/98
259000	03/98
270000	05/98
271000	07/98
272000	10/98
273000	12/98
274000	02/99
275000	04/99
276000	06/99

Ser No	Date
277000	08/99
278000	10/99
279000	12/99
290000	02/00
291000	04/00
292000	06/00
293000	08/00
294000	11/00
295000	02/01
296000	05/01
297000	07/01
298000	09/01
299000	01/02
310000	04/02
311000	07/02
312000	10/02
313000	01/03
314000	04/03
315000	07/03
316000	11/03
317000	03/04
318000	04/04
330000	04/04
331000	07/04
332000	10/04
333000	12/04
334000	04/05

Ser No	Date
335000	05/05
336000	11/05
337000	11/05
338000	03/06
339000	04/06
350000	08/06
351000	01/07
352000	04/07
353000	09/07
354000	01/08
355000	08/08

***All Serial Number
Dates are approximate**

Shipped From Warehouses**Marietta (Georgia)**

Ser No	Date
M1000	12/87
M1100	12/88
M1500	04/89
M2000	03/90
M2500	12/90
M3000	09/91
M3500	07/92
M4000	04/93
M4500	02/94
M5000	06/94
M5500	11/94
M6000	04/95
M6500	09/95
M7000	04/96
M7500	10/96
M8000	04/97
M8500	09/97

Ser No	Date
M9000	02/98
M9500	06/98
M10000	09/98
M10500	01/99
M11000	04/99
M11500	08/99
M12000	01/00
M12500	09/00
M13000	10/00
M13500	02/01
M14000	07/01
M14500	01/02
M15000	06/02
M15500	01/03
M16000	07/03
M16500	11/03
M17000	04/04

Ser No	Date
M17500	07/04
M18000	10/04
M19000	01/05
M19500	04/05
M20000	01/06
M20500	03/06
M21000	08/06
M21500	01/07
M21600	03/07
M21700	04/07
M21800	05/07
M21900	07/07
M22000	08/07
M22100	11/07
M22200	12/07
M22300	01/08
M22600	06/08

Others

Ser No	Date
D1000	01/91
D2000	06/92
D3000	03/94
D4000	03/95
D5000	11/96
D6000	04/98
D7000	04/99
F1000	02/00
S1000	04/00
A1000	04/00
T8000	05/00
T9000	09/02
T9500	11/03
T9900	06/04

Burlington (Wisconsin)

Ser No	Date
W1000	11/94
W1100	02/95
W1200	04/95
W1300	06/95
W1400	08/95
W1500	10/95
W1600	12/95
W1700	03/96
W1800	05/96
W1900	08/96
W2000	09/96
W2100	12/96
W2200	02/97
W2300	04/97
W2400	06/97
W2500	08/97

Ser No	Date
W2600	10/97
W2700	12/97
W2800	01/98
W2900	06/98
W3000	07/98
W3100	09/98
W3200	12/98
W3300	03/99
W3400	05/99
W3500	07/99
W3600	09/99
W3700	10/99
W3800	12/99
W3900	03/00
W4000	04/00
W4100	05/00

Ser No	Date
W4200	07/00
W4300	09/00
W4400	11/00
W4500	01/01
W4600	03/01
W4700	05/01
W4800	07/01
W4900	10/01
W5000	12/01
W5100	12/01
W5200	02/02
W5300	03/02
W5400	06/02
W5500	07/02
W5600	09/02
W5700	01/03

Ser No	Date
W5800	01/03
W5900	02/03
W6000	04/03
W6100	06/03
W6200	08/03
W6300	10/03
W6400	01/04
W6500	03/04
W6600	06/04
W6700	09/04
W6800	12/04
W6900	02/05
W7000	05/05

***All Serial Number
Dates are approximate**

MISC.

Ser No	Date
CMC100	05/07
CMC200	07/07
CMC300	09/07
CMC400	10/07
CMC500	12/07
CMC600	01/08
CMC700	06/08

Ser No	Date
CMT100	05/07
CMT200	
CMT300	
CMT400	
CMT500	
CMT600	