



SL-20 Series

SL-20 Series

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.

[Liftgate Terminology](#)

[Mount Assembly & Arms](#)

[Pumps & Hydraulic Components](#)

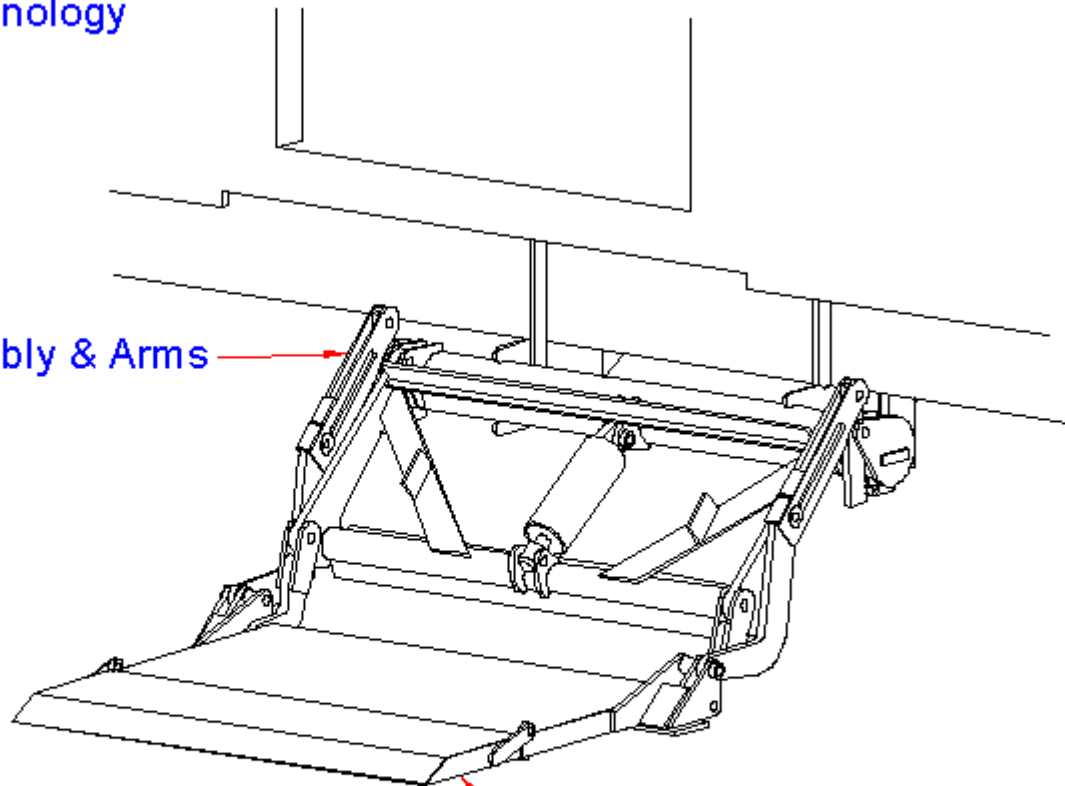
[Prior to 2/94](#)

[From 2/94](#)

[Cylinders](#)

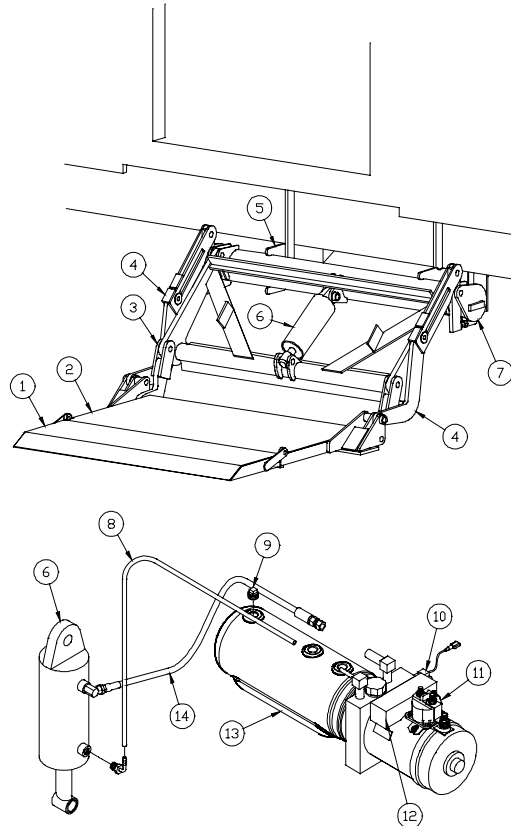
[Tech Tips](#)

[Platform Assembly](#)



Liftgate Terminology

1. Platform Extension Assembly
2. Platform Deck Assembly
3. Lift Arm Assembly
4. Parallel Arm
5. Mount Plate
6. Hydraulic Cylinder
7. Mount Frame
8. Return Line
9. Reservoir Plug
10. Lowering Solenoid
11. Pump Unit Starter Solenoid
12. Motor Controller
13. Pump Reservoir
14. Hose Assembly



GR00949

EXPLANATION OF SPECIFICATION TAG

Model No.	Model Name	Description	Capacity
232	SL-20	SL-Series	2000 lb.

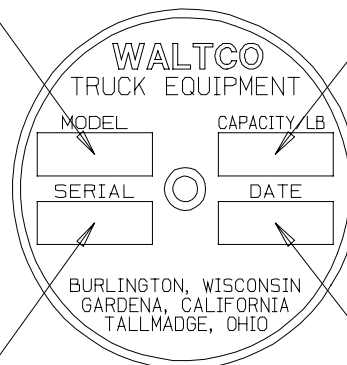
MODEL NUMBER

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 questions.

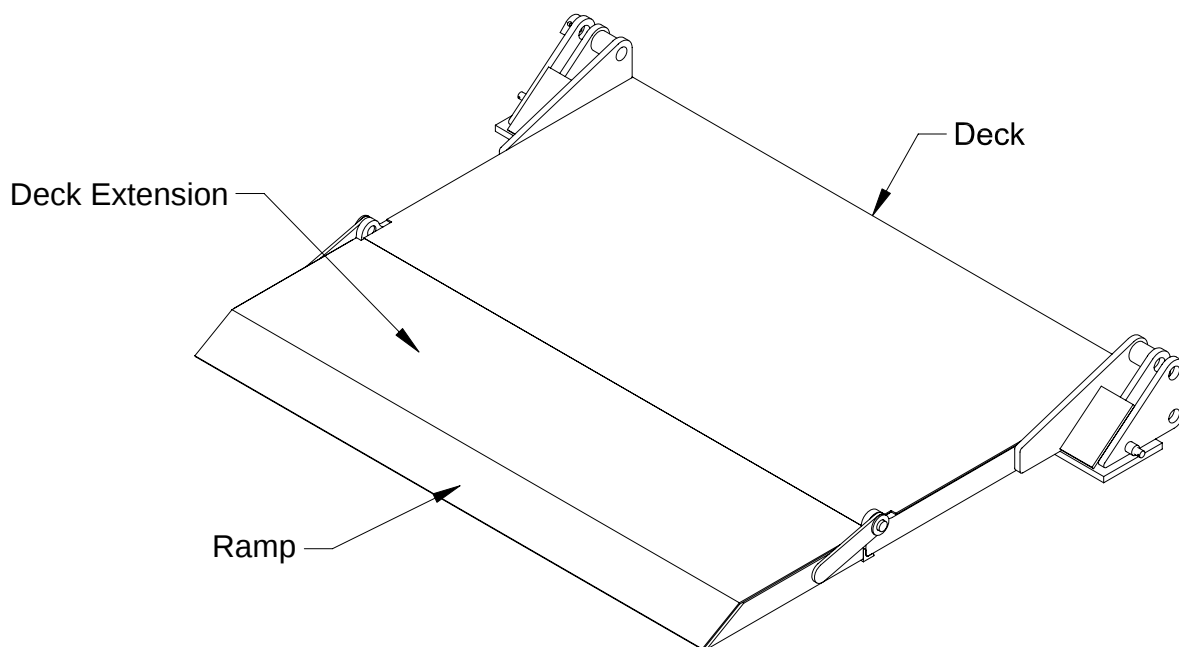


DATE OF MANUFACTURE

Month/Year

GR00241

SL-20 SERIES PLATFORM ASSEMBLY

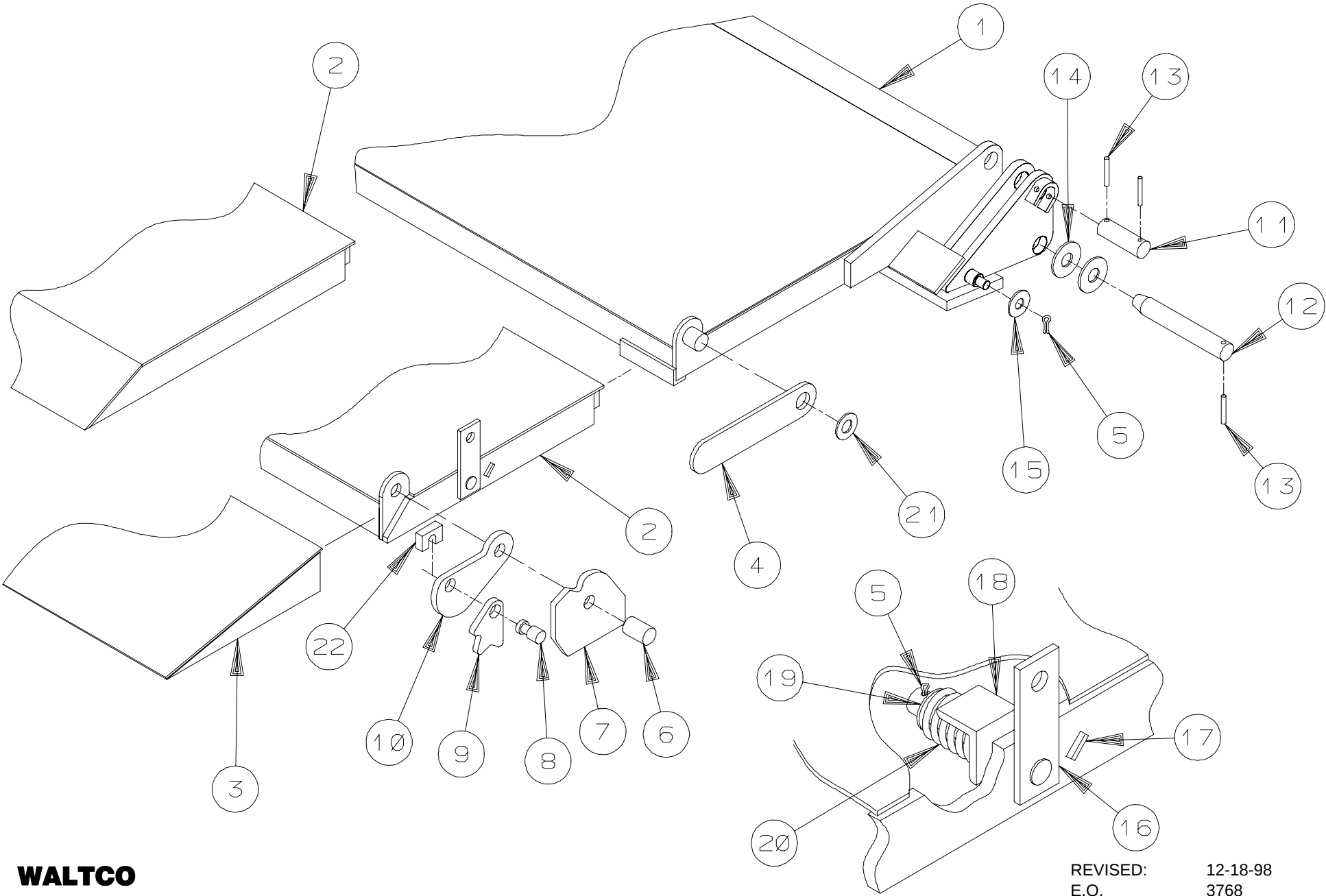


Common Features

- Wide arm design
- Waltco nameplate on back channel
- Capacity decal
- Platforms are 48" wide
- Platform depths as indicated below

	SL-20 PM-15 (Built thru 1-11) PM-15A (Built from 1-11)		
Platform depths			

SL-20 PLATFORM ASSEMBLY
(Built thru 1-11)



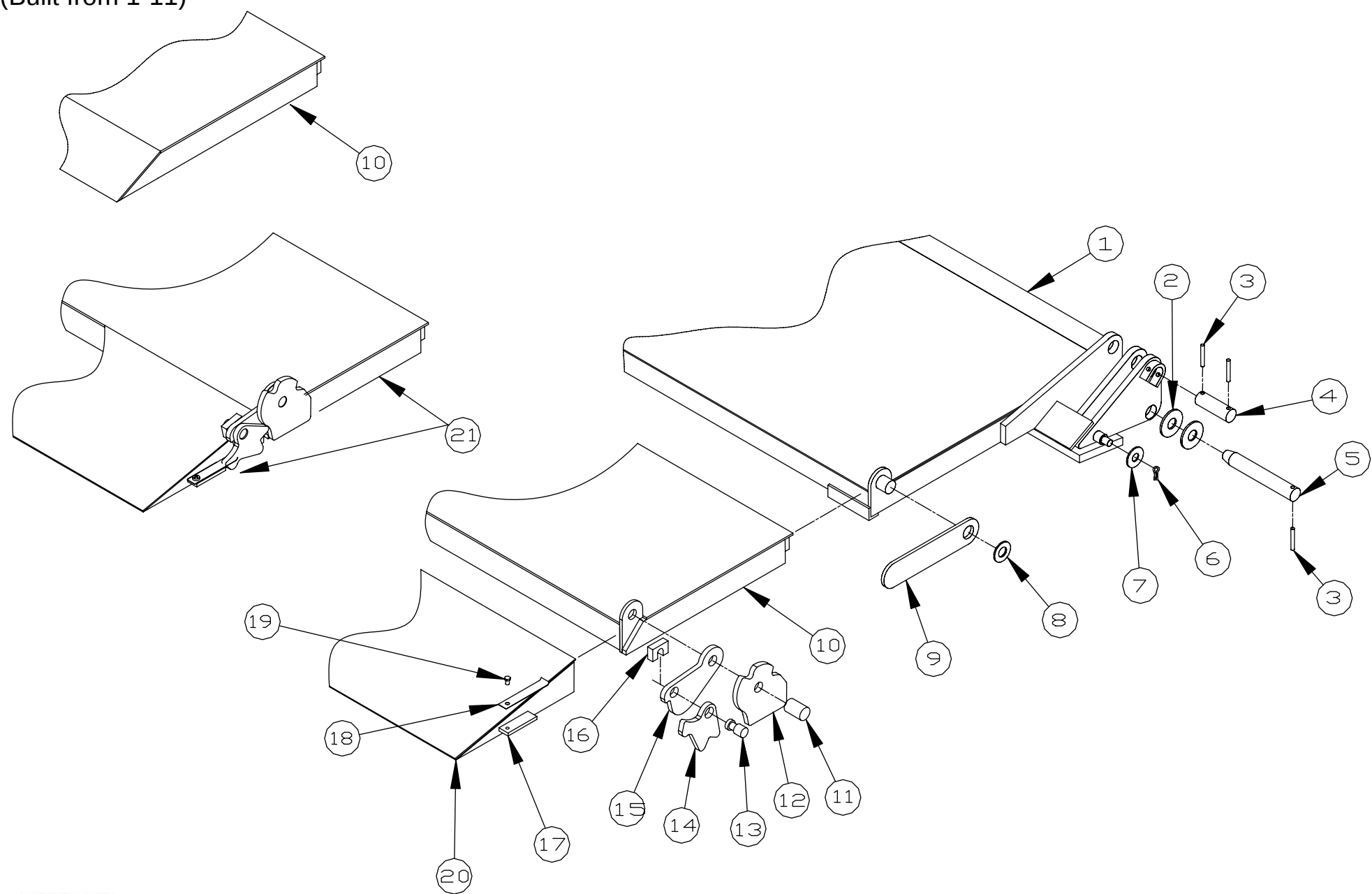
WALTCO
TRUCK EQUIPMENT CO.
SL-20

REVISED: 12-18-98
E.O. 3768
REV. 05

PM-15

ITEM	PART NUMBER	QTY	DESCRIPTION
1	23211048	1	Deck Assembly
2	23213048	1	Deck Extension Assembly, 12" Retention
	23213002		Deck Extension Assembly, Butt End
3	23214012	1	12" Retention Ramp Assembly
4	30155200	2	Hinge
5	75084053	2	3/32 x 1" Cotter Pin
6	22110700	2	Hinge Pin
7	20216400	1	Lock Clevis
8	20216500	1	Retainer Pin
9	20216000	1	Lock
10	20216300	1	Ramp Hinge
11	23211200	2	Pin
12	24211100	2	Pin
13	75089541	6	1/4 Dia. x 1-7/8" Coiled Pin
14	75088061	4	1" Washer
15	75088056	2	1/2" Flat Washer
16	20215500	1	Lock Lever Assembly
17	20215100	2	Stop Bar
18	20215700	1	Clip Angle
19	75088053	4	3/8" Cut Washer
20	20215400	1	Spring
21	75088058	2	3/4" Washer
22	20216600	1	Pin Retainer

SL-20 PLATFORM ASSEMBLY
(Built from 1-11)



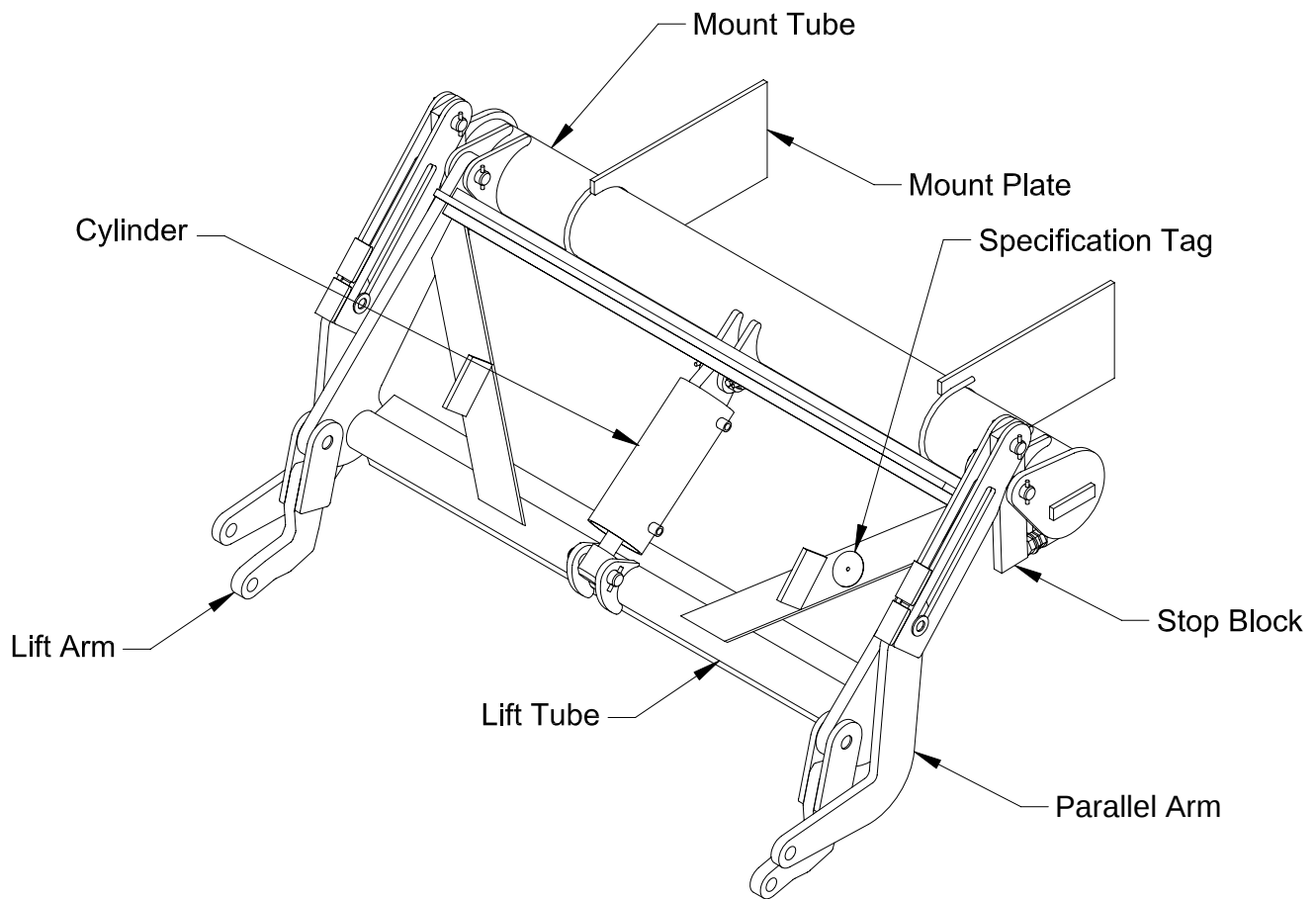
WALTCO LIFT CORP.
SL-20

REVISED: 1-4-11
E.O. 6465
REV. 01

PM-15A

ITEM	PART NUMBER	QTY	DESCRIPTION
1	23211048	1	Deck Assembly
2	75088061	2	1" Washer
3	75089541	6	1/4" x 1-7/8" Coiled Pin
4	23211200	2	Pin
5	24211100	2	Pin
6	75084053	2	3//32: z 1" Cotter Pin
7	75088056	2	1/2" Flat Washer
8	75088058	2	3/4" Flat Washer
9	30155200	2	Hinge
10	23213048	1	Deck Extension Assembly, 4" Ramp
	23213002		Deck Extension Assembly, Butt End
	23213003		Deck Extension for 12" Folding Ramp
11	22110700	2	Hinge Pin
12	20216401	1	Lock Clevis
13	20216500	1	Retainer Pin
14	20216001	1	Lock
15	20216301	1	Ramp Hinge CS (Shown)
	21514801		Ramp Hinge DS (Not Shown)
16	20216600	1	Pin Retainer
17	20216710	1	Bar, Spring Mount
18	20216700	1	Spring, Flat
19	75086862	1	¼-20 x 3/8" Self-Tap Screw
20	23214012	1	Ramp Assy, Includes Hinges (#15)
21	23213004	1	Bed Extension and Ramp Assy

SL-20 SERIES MOUNT ASSEMBLY



Common Features

- Side mount liftgate on Straight Trucks
- Wide arm design
- Spec tag on Lift Arm Gusset
- Round mount tube
- Round lift tube
- Stop block with bolt adjustment
- Lift and Parallel Arms Fold when liftgate is stored for transit

SL-20

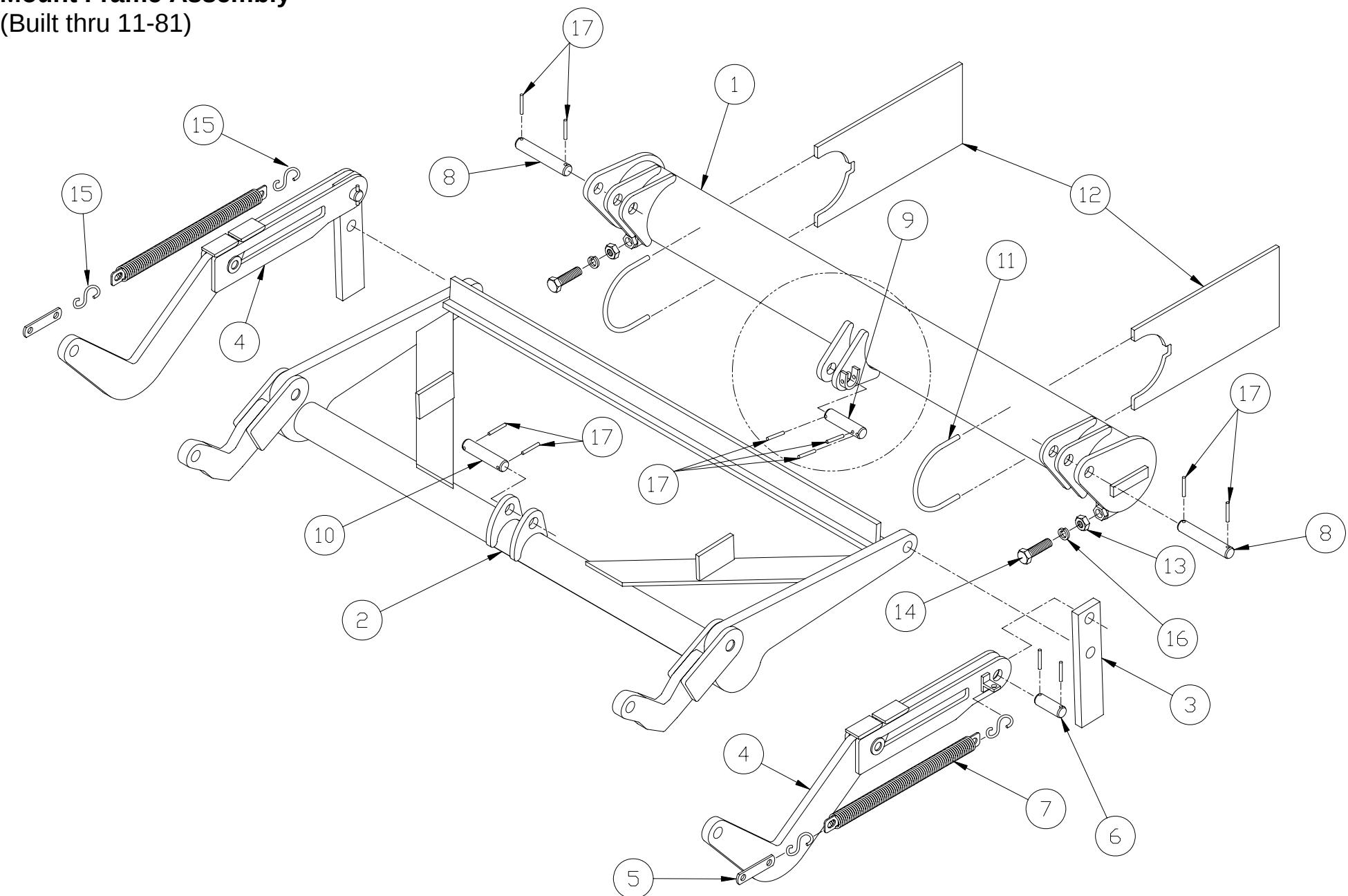
PM-20A Built thru 8-91

PM-20 Built from 8-91

Rev. 01 8/04

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

Mount Frame Assembly
(Built thru 11-81)



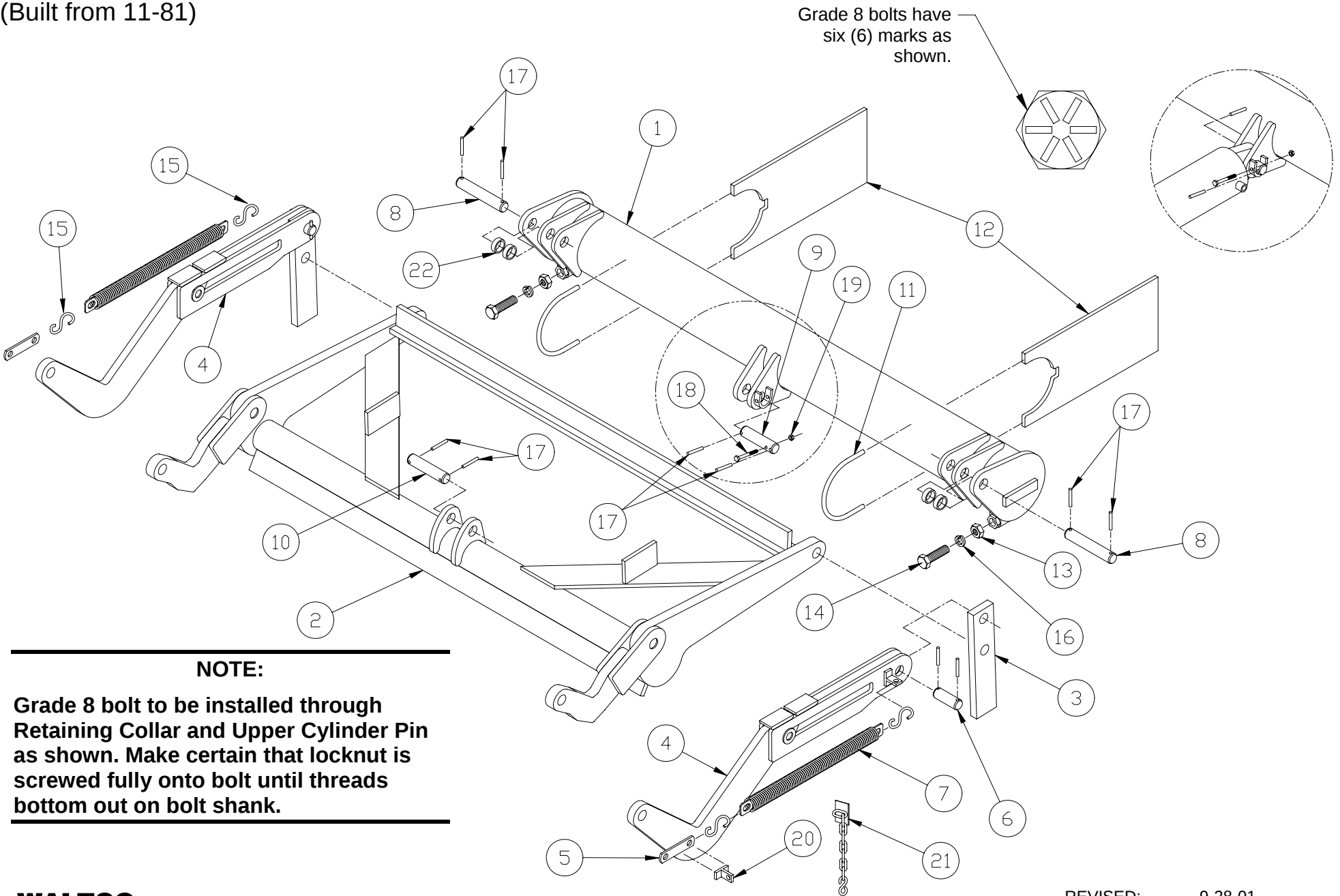
WALTCO
TRUCK EQUIPMENT CO.
SL-20

REVISED: 8-1-04
E.O. 5221E
REV. 01

PM-20A

ITEM	PART NUMBER	QTY	DESCRIPTION
1	23220048	1	Mount Frame Assembly
2	23230048	1	Lift Arm Assembly
3	23251100	2	Stop Block
4	23255000	2	Parallel Arm Assembly
5	23270400	2	Equalizer Bar
6	20211200	2	Pin
7	24271000	2	Extension Spring Assembly
8	20270700	2	Pin
9	11170502	1	Pin
10	11171500	1	Pin
11	11170300	2	"U" Bar
12	25170100	2	Mount Plate
13	75085015	2	3/4"-10 Jam Nut
14	75086180	2	3/4"-10 x 2" Hex Bolt
15	75089360	4	"S" Hook
16	75088087	2	3/4" Lock Washer
17	75089541	13	1/4" dia. x 1-7/8" lg. Coiled Pin

Mount Frame Assembly
(Built from 11-81)



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TRUCK EQUIPMENT CO.
SL-20

REVISED: 9-28-01
E.O. 4585
REV. 12

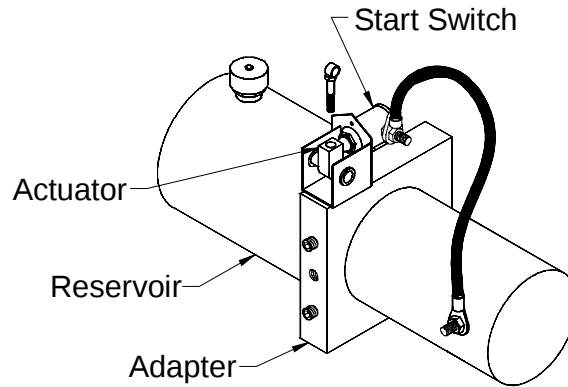
PM-20

ITEM	PART NUMBER	QTY	DESCRIPTION
1	23220001	1	Mount Frame Assembly
2	23230001	1	Lift Arm Assembly
3	23251101	2	Stop Block
4	23255000	2	Parallel Arm Assembly
5	23270400	2	Equalizer Bar
6	20211200	2	Pin
7	24271000	2	Extension Spring Assembly
8	20270700	2	Pin
9	11170502 ^A	1	Pin
10	11171500 ^A	1	Pin
11	11170300	2	“U” Bar
12	25170100	2	Mount Plate
13	75085015	2	3/4”-10 Jam Nut
14	75086180	2	3/4”-10 x 2” Hex Bolt
15	75089360	4	“S” Hook
16	75088087	2	3/4” Lock Washer
17	75089541 ^A	12	1/4” dia. x 1-7/8” lg. Coiled Pin
18	75086215 ^A	1	1/4”-20 x 2-1/2” lg. Hex Bolt (Grade 8)
19	75085175 ^A	1	1/4”-20 Nylon Locknut
20	10111700	1	Chain Clip
21	10193000	1	Latch Chain Assembly
22	10210900	4	Spacer Collar

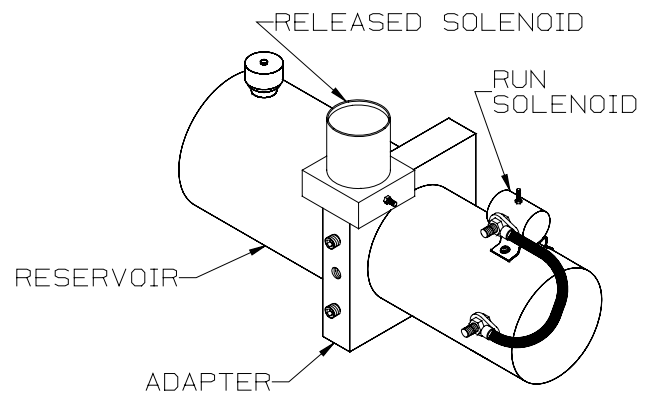
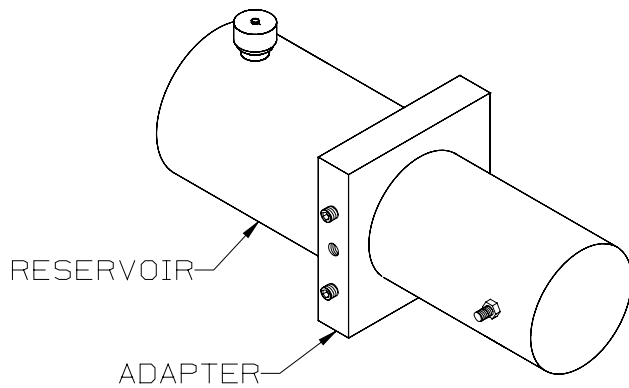
^A Included in Cylinder Replacement Kit 80000940

SL-20 SERIES HYDRAULICS

(Prior to 2/14/94)



Manual Control - Built thru 1-76



Hydraulic Control (In-Line Valve) Built from 1-76 thru 2-94

Electric Control Built from 1-76 thru 2-94

Common Features

- Fenner power units
- Electric control, Hydraulic, or Manual control
- Pump units shipped with weather box

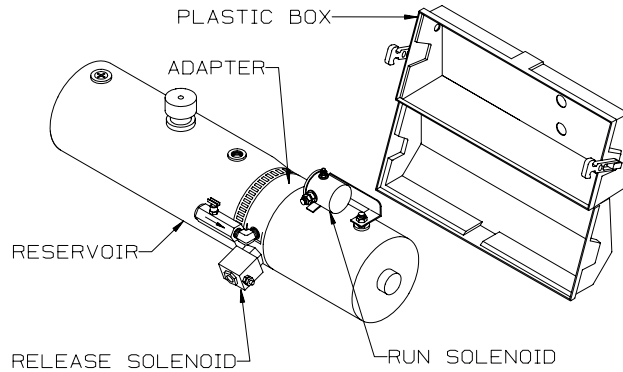
	Manual Control	Hydraulic Control	Electric Control
Hydraulic Layout	PM-25A	PM-25	80100126
Control Layout	PM-47	N/A	N/A
Pump	PM-110B	PM-118B	PM-111B
Cylinder	PM-209	PM-209	PM-209

80101103 Rev. 02 8/04

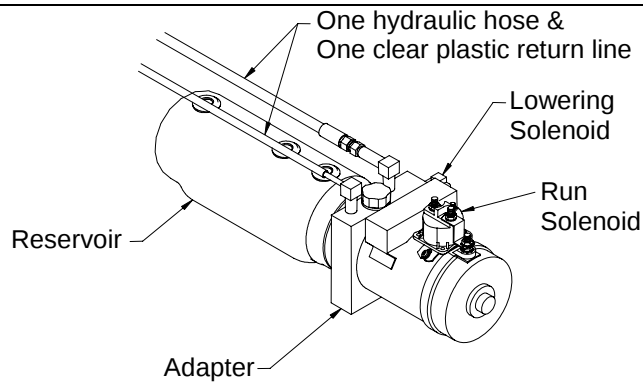
[Click here for list of liftgate serial numbers, organized by approximate ship dates.](#)

SL-20 ELECTROPAK & THERMALPAK

(Manufactured after 2-94)



Electric Control (Built from 2-94 thru 7-04)



Electric Control (Built from 7-04)

Common Features

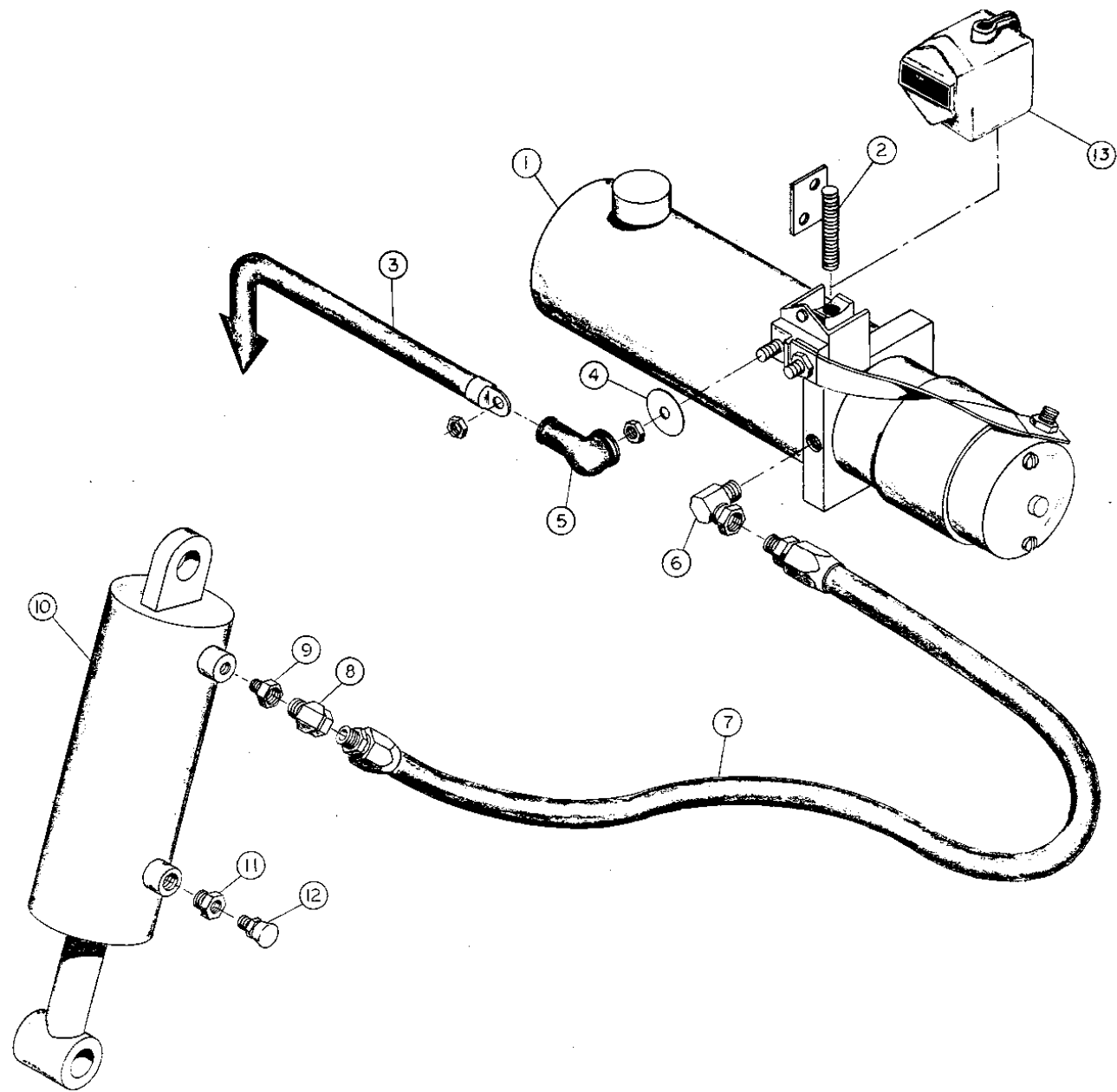
- Monarch power units with ElectroPak® or Thermalpak® decal
- Thermalpak added as option in 8-97
- Electric control
- Pump units shipped with weather box
- Thermalpak discontinued 6-07
- Added Thermal Protection to all pumps 6-07

	Built from 2-94 thru 7-04	Built from 7-04 thru 7-08	Built from 7-08 thru 8-09	Built from 8-09 thru 4-10	Built from 4-10
Hydraulic Layout	PM-432	PM-432A	PM-432A	PM-432A	PM-432B
Electrical Layout & Schematic	PM-343	PM-617	PM-617A	PM-617B	PM-617B
Pump Unit	PM-352	PM-555	PM-555	PM-555	PM-555
Cylinder	PM-209	PM-209	PM-209	PM-209	PM-209

80101104 Rev. 04 3/11

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

HYDRAULIC LAYOUT
(Built thru 1-76)



WALTCO
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SL-20

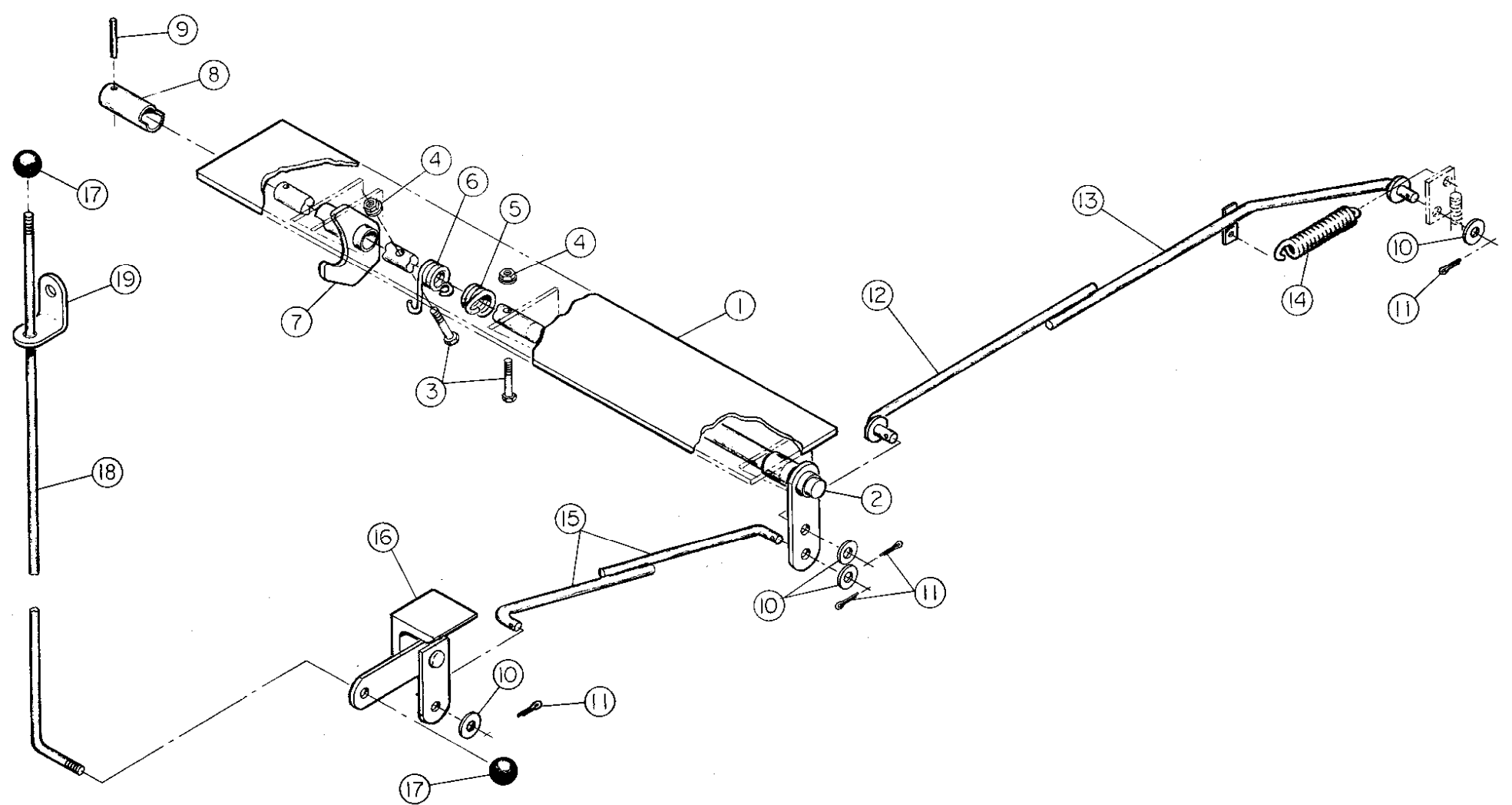
REVISED: 8-1-04
E.O. 5221E
REV. 01

PM-25A

ITEM	PART NUMBER	QTY	DESCRIPTION
1	22195000	1	Hydraulic Pump Unit
2	22194000	1	Valve Handle Assembly
3	10195616	1	2 Ga. x 16 Ft. Battery Cable Assembly
4	75088115	1	Insulation Washer
5	75089327	1	Rubber Boot
6	75083036	1	3/8" NPT x 90° Swivel Elbow
7	75083057	1	3/8" ID x 54" Hose Assembly
8	75083017	1	3/8" NPT x 45° Swivel Elbow
9	75082913	1	1/8" NPT x 3/8" NPT Adapter
10	22280050	1	Hydraulic Cylinder Assembly
11	75092901	1	1/8" NPT x 1/4" NPT Reducer Bushing
12	75089310	1	Breather
13	22195200	1	Weather Cover

A. When ordering a complete replacement pump. Please use Part Number [70400300](#)

LATCH AND CONTROL ASSEMBLY for MANUAL CONTROL
(Built thru 1-76)



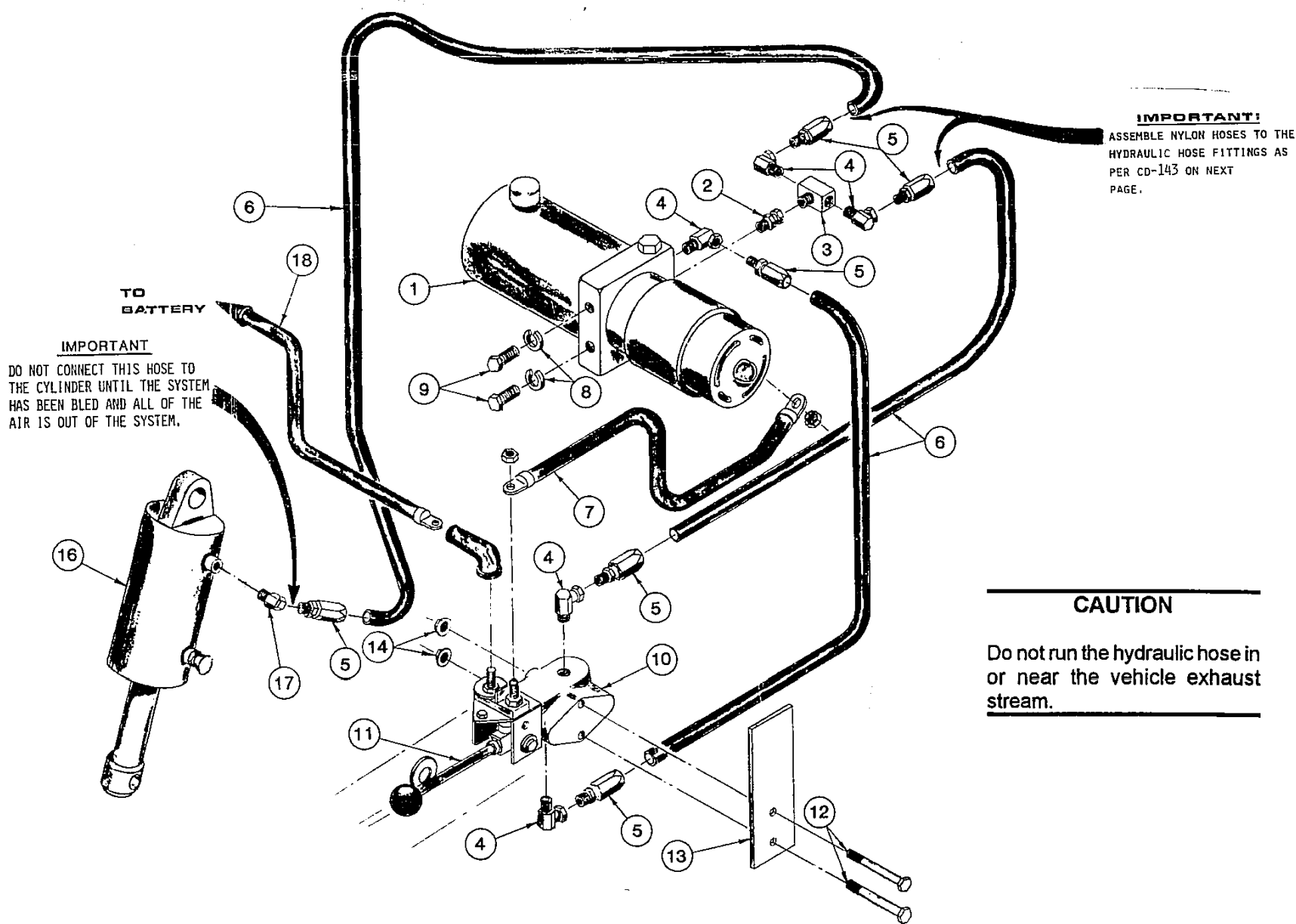
WALTCO
TRUCK EQUIPMENT CO.
SL-20

REVISED: 8-1-04
E.O. 5221E
REV. 02

PM-47

ITEM	PART NUMBER	QTY	DESCRIPTION
1	23261000	1	Latch Sub Assembly
2	23265000	1	Control Shaft Assembly
3	75086008	2	1/4"-20 x 1-1/2" Hex Bolt
4	75085001	2	1/4"-20 Hex Nut, Serrated
5	10114300	1	Torsion Spring
6	20261600	1	Torsion Spring
7	22162001	1	Hook Assembly
8	20263200	1	Sleeve
9	75089548	1	3/16" x 1-1/4" Coiled Pin
10	75088052	4	5/16" Flat Washer
11	75084053	4	3/32" x 1" Cotter Pin
12	25191002	1	Control Rod
13	22191000	1	Control Rod
14	75089751	1	1/2" x 4" Extension Spring
15	23291000	2	Control Rod
16	23264000	1	Relay
17	75089104	1	1" Dia. Black Plastic Ball
18	70119610	1	Remote Rod
19	70119630	1	Bracket

ELECTRO-HYDRAULIC LAYOUT
(Built 1-76 thru 2-94)



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SL-20

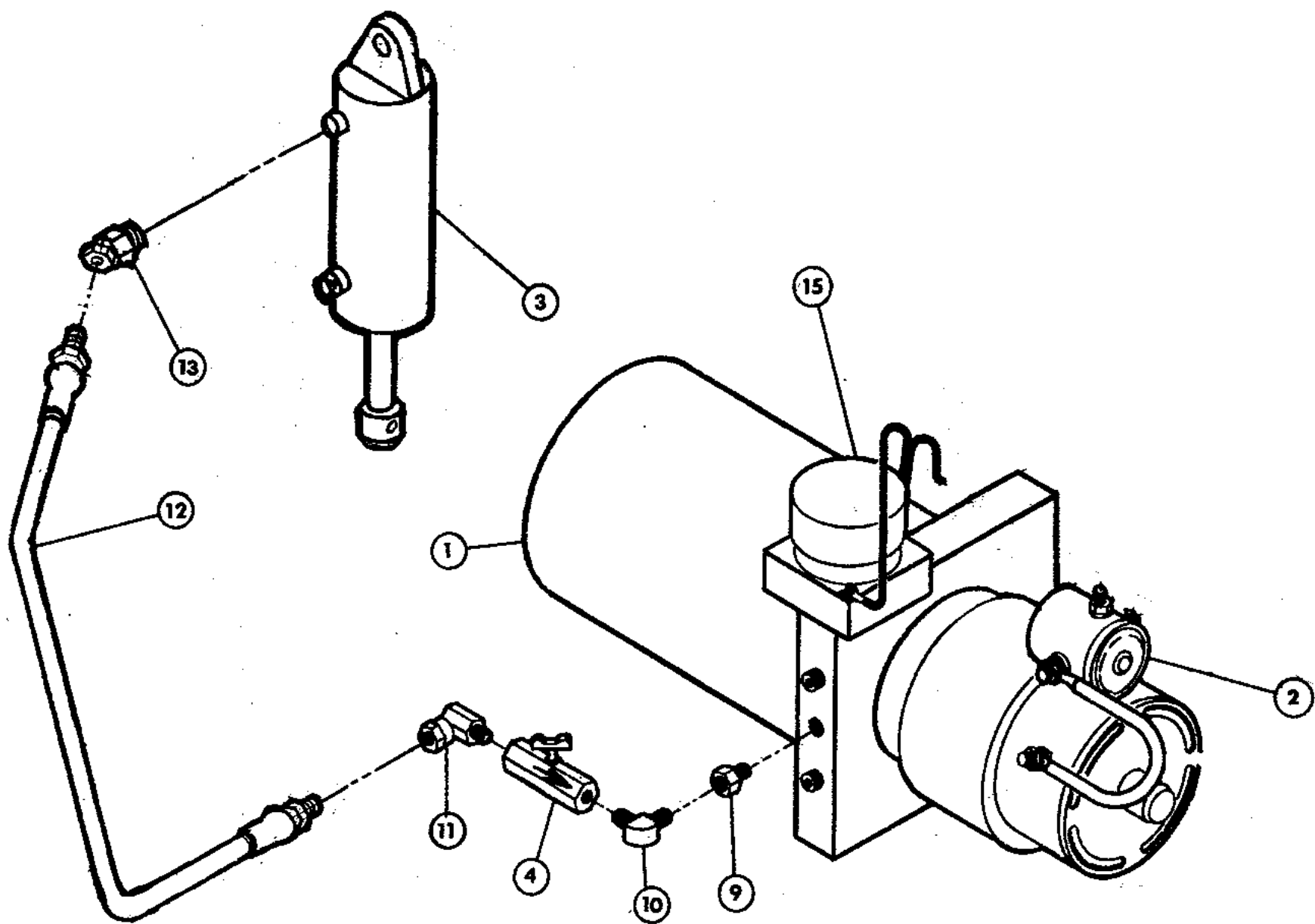
REVISED: 8-1-04
E.O. 5221E
REV. 03

PM-25

ITEM	PART NUMBER	QTY	DESCRIPTION
1	10195000 ^A	1	Hydraulic Pump Unit
2	75082914	1	3/8" NPT Straight Adapter
3	75082859	1	3/8" NPT Tee, Male on Side
4	75083036	5	3/8" NPT x 90° Elbow
5	75083006	6	3/8" Hose Fitting with 3/8" NPT
6	75083051	1	3/8" ID x 20 Ft. Hose
7	10195606	1	2 GA. x 6 Ft. Battery Cable
8	75088081	2	3/8" Lock Washer
9	75086055	2	3/8"-16 x 3/4" Hex Bolt, Grade 5
10	70160000	1	Control Valve
11	24294000	1	Valve Handle Assembly
12	75086014	2	1/4"-20 x 3" Hex Bolt
13	24299900	1	Control Valve Bracket
14	75085001	2	1/4"-20 Hex Nut, Serrated
16	22280050	1	Hydraulic Cylinder (with Reversed Breather Location)
17	75083037	1	1/4" NPT x 3/8" NPT 90° Elbow
18	10195625	1	2 Ga. x 25 Ft. Battery Cable Assembly

A. When ordering a complete replacement pump. Please use Part Number 70400250

HYDRAULIC LAYOUT
(Built 1-76 thru 2-94)



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SL-20

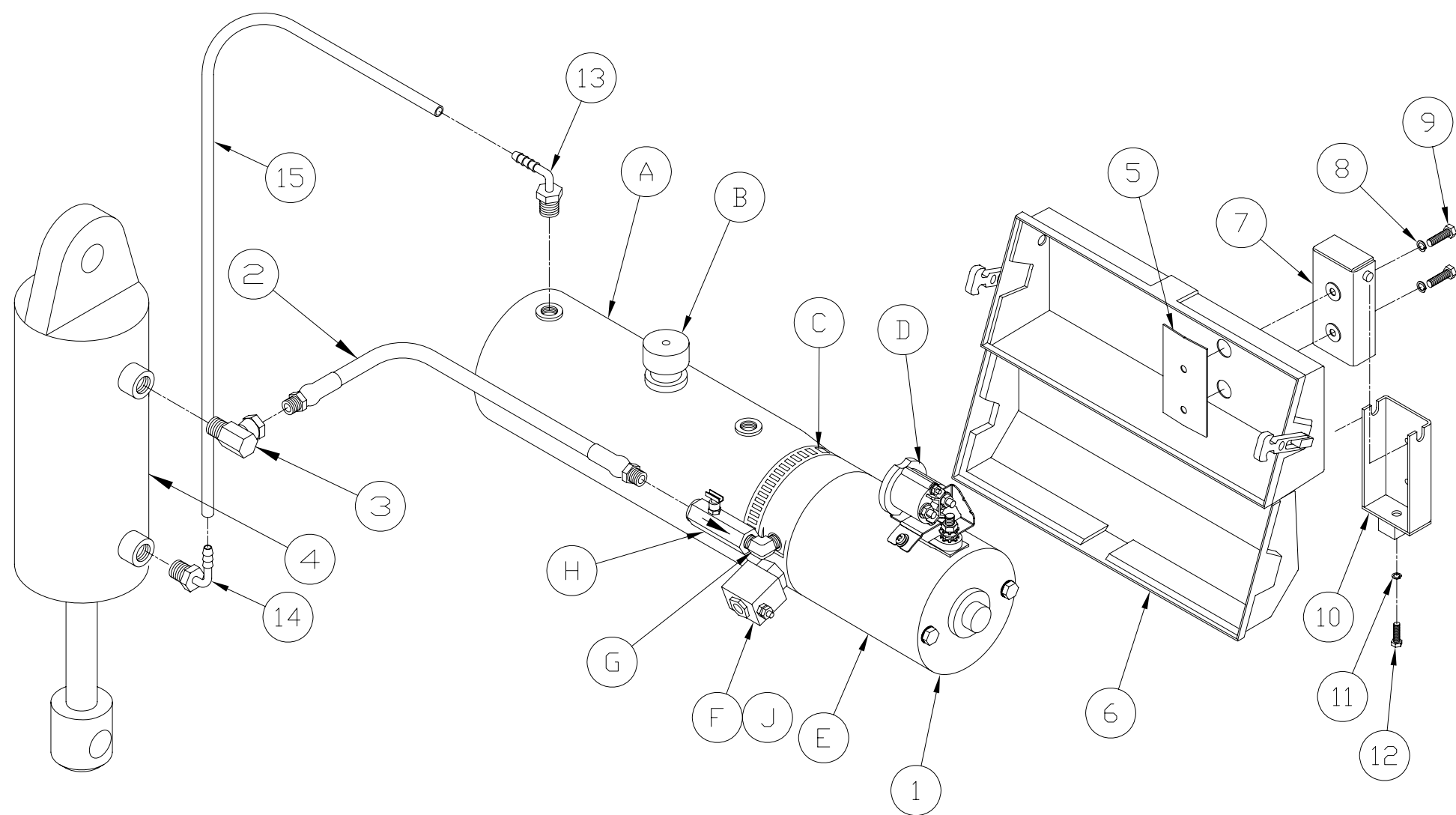
REVISED: 9-1-04
E.O. 5221F
REV. 04

80100126

ITEM	PART NUMBER	QTY	DESCRIPTION
1	30195000 ^A	1	Hydraulic Pump Unit
2	80001065	1	Solenoid
3	22280050	1	Hydraulic Cylinder (with Reversed Breather)
4	70189860	1	Flow Control Valve
9	75082908	1	Adapter
10	75082611	1	90° Male Elbow
11	75083016	1	45° Swivel Elbow
12	75083072	1	Hose Assembly
13	75083037	1	90° Elbow
15	70091631	1	Release Solenoid

A. When ordering a complete replacement pump. Please use Part Number [70400000](#)

ELECTRIC CONTROLS
(Built 2-94 thru 7-04)



WALTCO
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SL SERIES

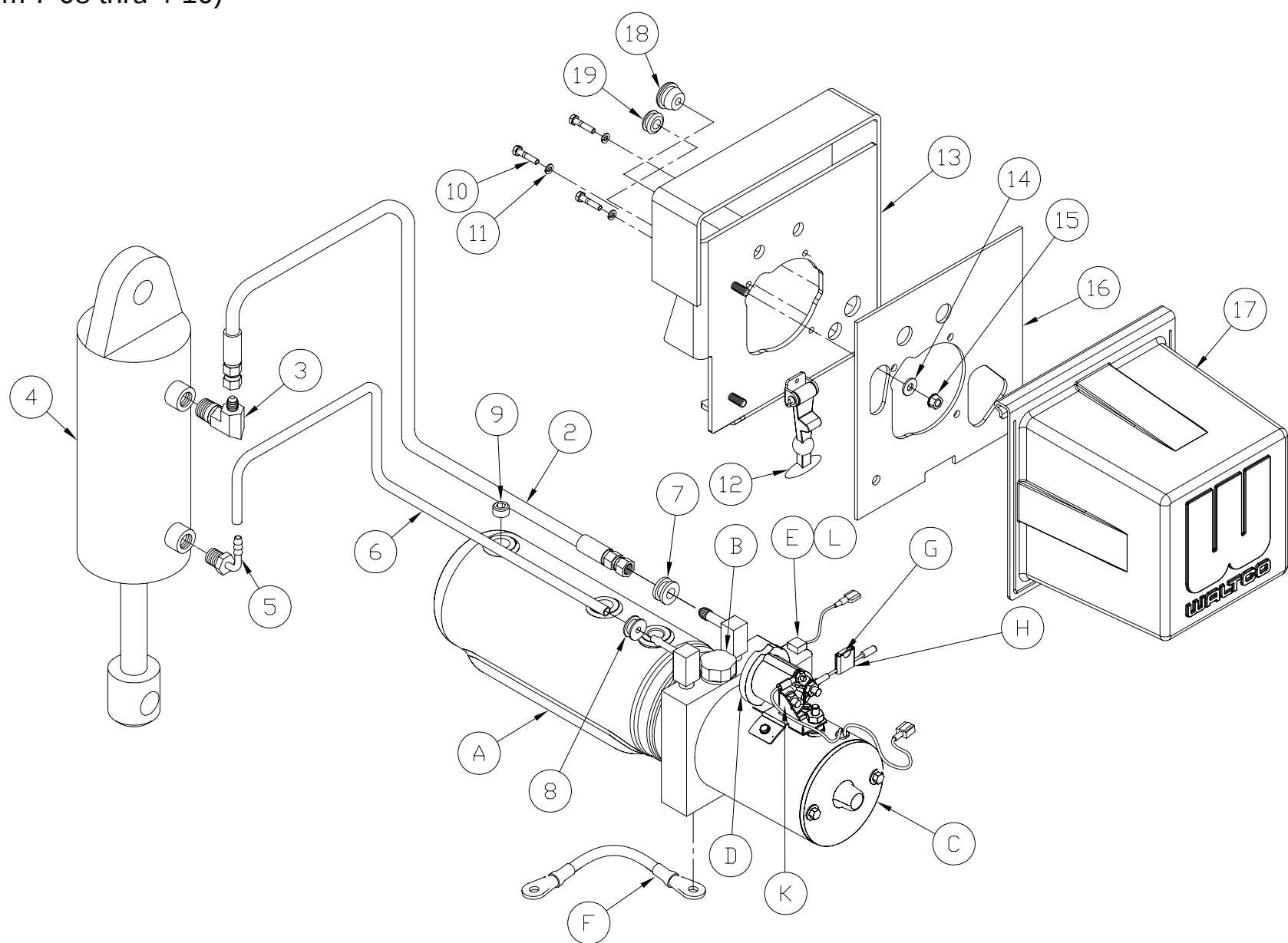
REVISED: 8-1-09
E.O. 6251
REV. 06

PM-432

ITEM	PART NUMBER	QTY	DESCRIPTION
1	70400000 ^K	1	Hydraulic Pump Unit
	70400700	1	Hydraulic Pump Unit
*A	70400001 ^J	1	Hydraulic Reservoir
*B	70091734 ^J	1	Breather
*C	70400002 ^J	1	Reservoir Clamp
*D	80001065 ^J	1	Solenoid Kit
*E	7043001-1 ^J	1	Motor
*F	70092503 ^J	1	Valve Assembly, 2-way, 2 pos w/ Coil
*G	75082611 ^J	1	90° Male Elbow
*H	70189860 ^J	1	Flow Control Valve
*J	70402303 ^J	1	Coil, 10V, 25A
2	75083061	1	Hose Assembly
3	75083031	1	90° Swivel Elbow
4	22280050 ^L	1	Hydraulic Cylinder
5	10021400 ^K	1	Pump Bracket Plate
6	10090500 ^K	1	Pump Cover Assembly
7	10021000 ^K	1	Pump Mounting Bracket
8	75088081 ^K	2	3/8" Lock Washer
9	75086056 ^K	2	Hex Bolt, 3/8"-16 x 1" LG. Grade 5
10	10021500	1	Pump Mounting Bracket
11	75088083	1	1/2" Lock Washer
12	75086108	1	Hex Bolt, 1/2"-13 x 1-1/2" LG. Grade 2
13	75082742 ^L	1	Barbed Fitting, 3/8" NPTF x 1/4", 90°
14	75082745 ^L	1	Barbed Fitting, 1/4" NPTF x 1/4", 90°
15	26299500 ^L	1	Hose, 1/4" I.D. x 60" lg.

^J Included in 70400000 Replacement Assembly.
^K Included in 10090800 Replacement Hydraulic Assembly.
^L Included in Cylinder Replacement Kit 80000940.

HYDRAULIC LAYOUT
(Built from 7-08 thru 4-10)



WALTCO LIFT CORP.
SL SERIES

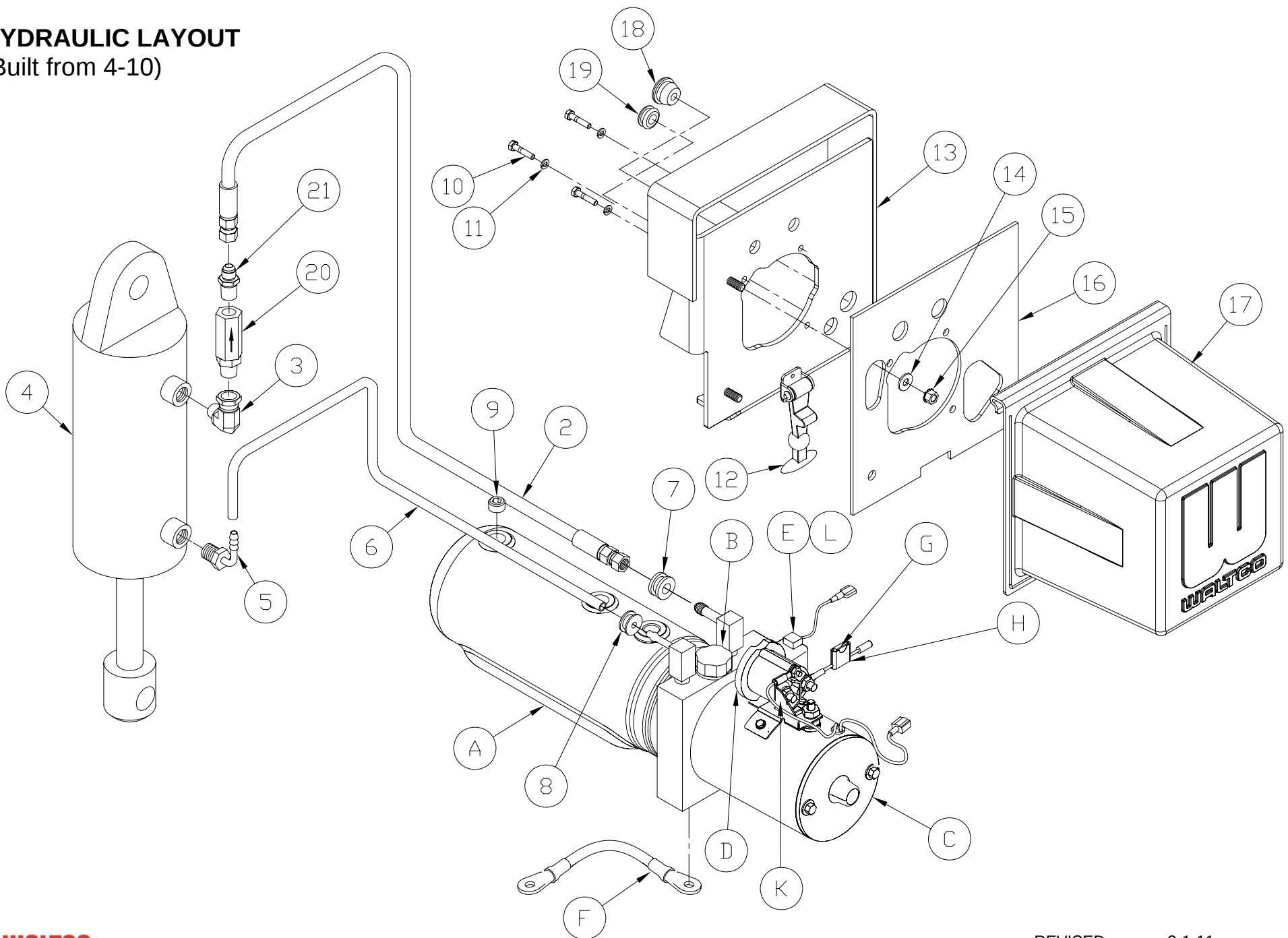
REVISED: 8-1-09
E.O. 6251
REV. 04

PM-432A

ITEM	PART NUMBER	QTY	DESCRIPTION
1	70430320	1	Hydraulic Pump Unit
A	70400001 ^C	1	Hydraulic Reservoir
B	70400004 ^C	1	Breather
C	7043001-1 ^{A,C}	1	Motor
D	75089833 ^{A,C}	1	Starter Solenoid
E	70092503 ^C	1	Valve Assembly, 2-way, 2 pos w/ Coil
F	10098425	1	Ground Cable
G	75089853 ^C	1	5 Amp Fuse
H	10099309 ^C	1	Inline Fuse Assembly (Includes Fuse 75089853)
K	75089834 ^{A,C}	1	Bus Bar
L	70402303 ^C	1	Coil, 10V, 25A
2	75083201	1	Hose Assembly, 1/4" I.D. x 1/4" JIC, 57" lg
3	75083210	1	90° Elbow, 1/4" NPT x 1/4" JIC
4	22280050 ^B	1	Hydraulic Cylinder
5	75082745 ^B	1	Barbed Fitting, 1/4" NPTF x 1/4", 90°
6	26299500 ^B	1	Hose, 1/4" I.D.
7	70401408	1	7/16" I.D. Grommet
8	70401409	1	1/4" I.D. Grommet
9	70091291	1	Steel Plug
10	75086212	3	Pump Mount Bolt, 1/4"-20 x 1-1/4" lg.
11	75088079	3	1/4" Lock Washer
12	27391301	1	Cover Latch
13	10023100	1	Remote Pump Mounting Bracket
14	75088052	1	Flat Washer, 5/16 SAE
15	75085005	1	Serrated Hex Nut, 3/8-16
16	10090460	1	Pump Cover Gasket
17	10090450	1	Pump Cover (with latch)
18	75090310	1	Grommet for Control Cord
19	75089334	1	Grommet for Battery Cable

^A Included in Thermalpak® Motor Assembly 70400854.
^B Included in Cylinder Replacement Kit 80000940.
^C Included in Pump Assembly 70430320

HYDRAULIC LAYOUT
(Built from 4-10)



WALTCO LIFT CORP.
SL SERIES

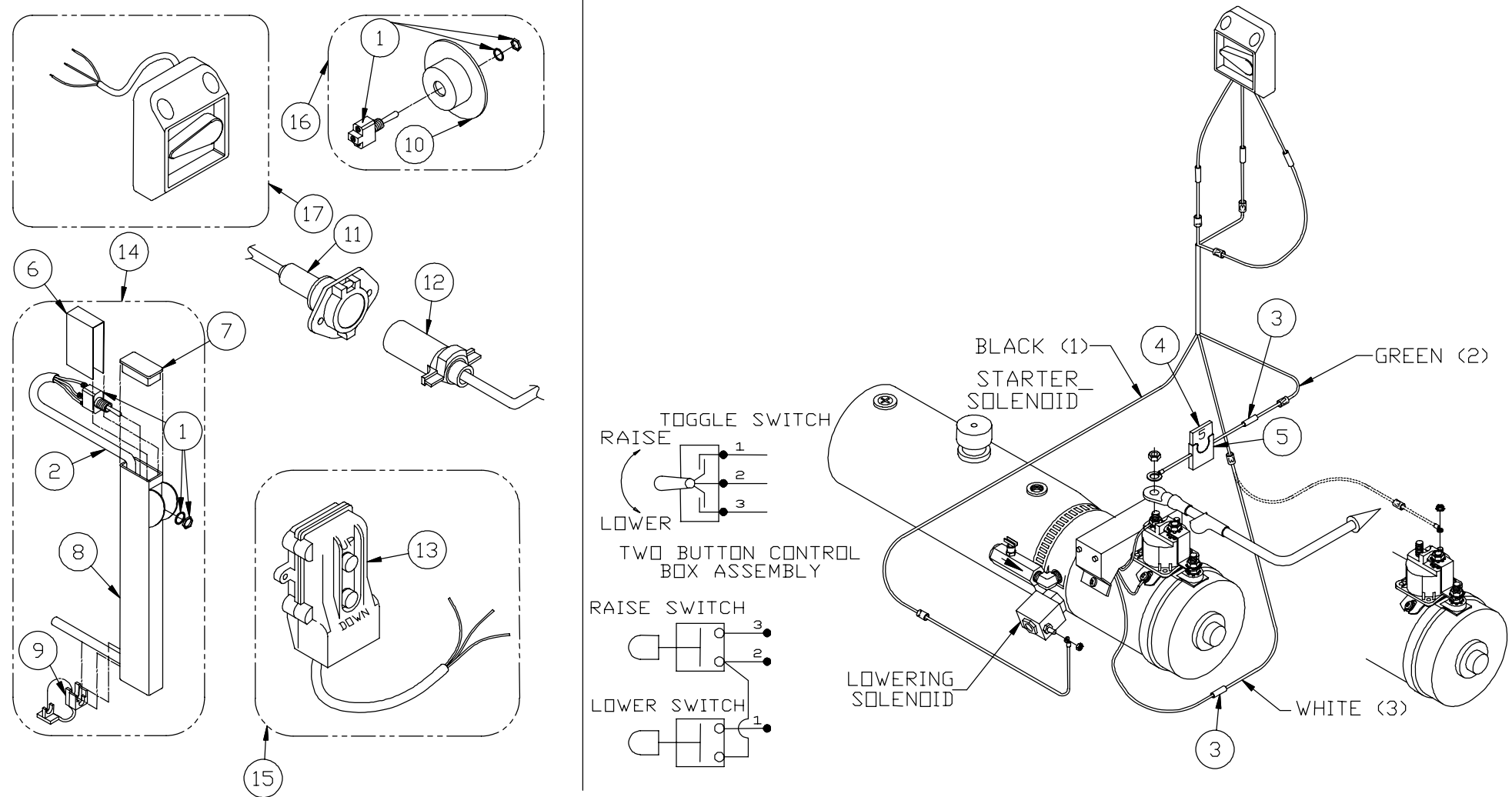
REVISED: 3-1-11
E.O. 6469
REV. 01

PM-432B

ITEM	PART NUMBER	QTY	DESCRIPTION
1	70430320	1	Hydraulic Pump Unit
A	70400001 ^C	1	Hydraulic Reservoir
B	70400004 ^C	1	Breather
C	7043001-1 ^{A,C}	1	Motor
D	75089833 ^{A,C}	1	Starter Solenoid
E	70092503 ^C	1	Valve Assembly, 2-way, 2 pos w/ Coil
F	10098425	1	Ground Cable
G	75089853 ^C	1	5 Amp Fuse
H	10099309 ^C	1	Inline Fuse Assembly (Includes Fuse 75089853)
K	75089834 ^{A,C}	1	Bus Bar
L	70402303 ^C	1	Coil, 10V, 25A
2	75083201	1	Hose Assembly, 1/4" I.D. x 1/4" JIC, 57" lg
3	75083037	1	90° Elbow, 1/4" NPTM x 3/8" NPTF
4	22280050 ^B	1	Hydraulic Cylinder
5	75082745 ^B	1	Barbed Fitting, 1/4" NPTF x 1/4", 90°
6	26299500 ^B	1	Hose, 1/4" I.D.
7	70401408	1	7/16" I.D. Grommet
8	70401409	1	1/4" I.D. Grommet
9	70091291	1	Steel Plug
10	75086212	3	Pump Mount Bolt, 1/4"-20 x 1-1/4" lg.
11	75088079	3	1/4" Lock Washer
12	27391301	1	Cover Latch
13	10023100	1	Remote Pump Mounting Bracket
14	75088052	1	Flat Washer, 5/16 SAE
15	75085005	1	Serrated Hex Nut, 3/8-16
16	10090460	1	Pump Cover Gasket
17	10090450	1	Pump Cover (with latch)
18	75090310	1	Grommet for Control Cord
19	75089334	1	Grommet for Battery Cable
20	70110020	1	Pressure Compensated Flow Control Valve, 2.75 GPM
21	7500102-1	1	Adapter, 3/8" NPTM x 1/4" JICM

^A Included in Thermalpak® Motor Assembly 70400854.
^B Included in Cylinder Replacement Kit 80000940.
^C Included in Pump Assembly 70430320

ELECTRIC CONTROL OPTIONS, GRAVITY DOWN
(Built 2-94 thru 7-04)

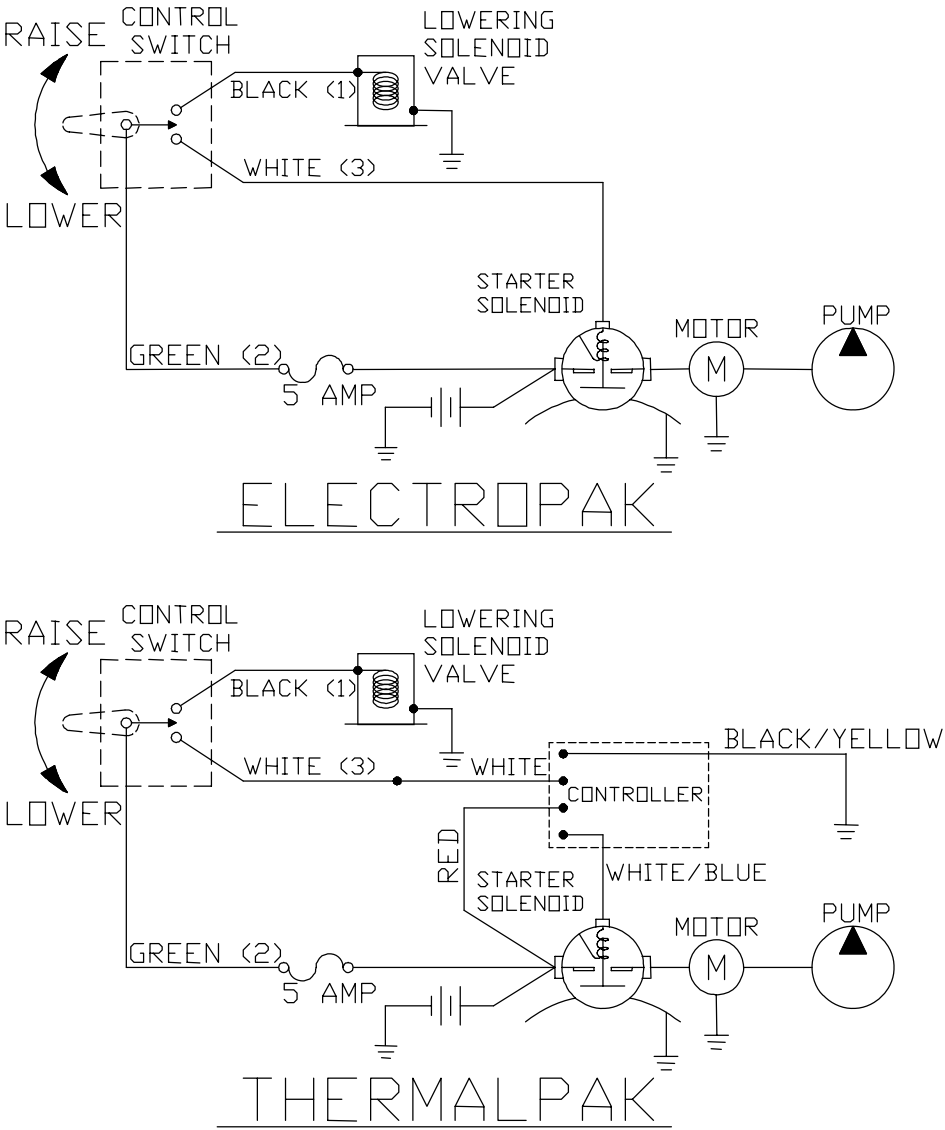


WALTCO
TRUCK EQUIPMENT CO.

REVISED: 5-1-04
E.O. 5221B
REV. 14

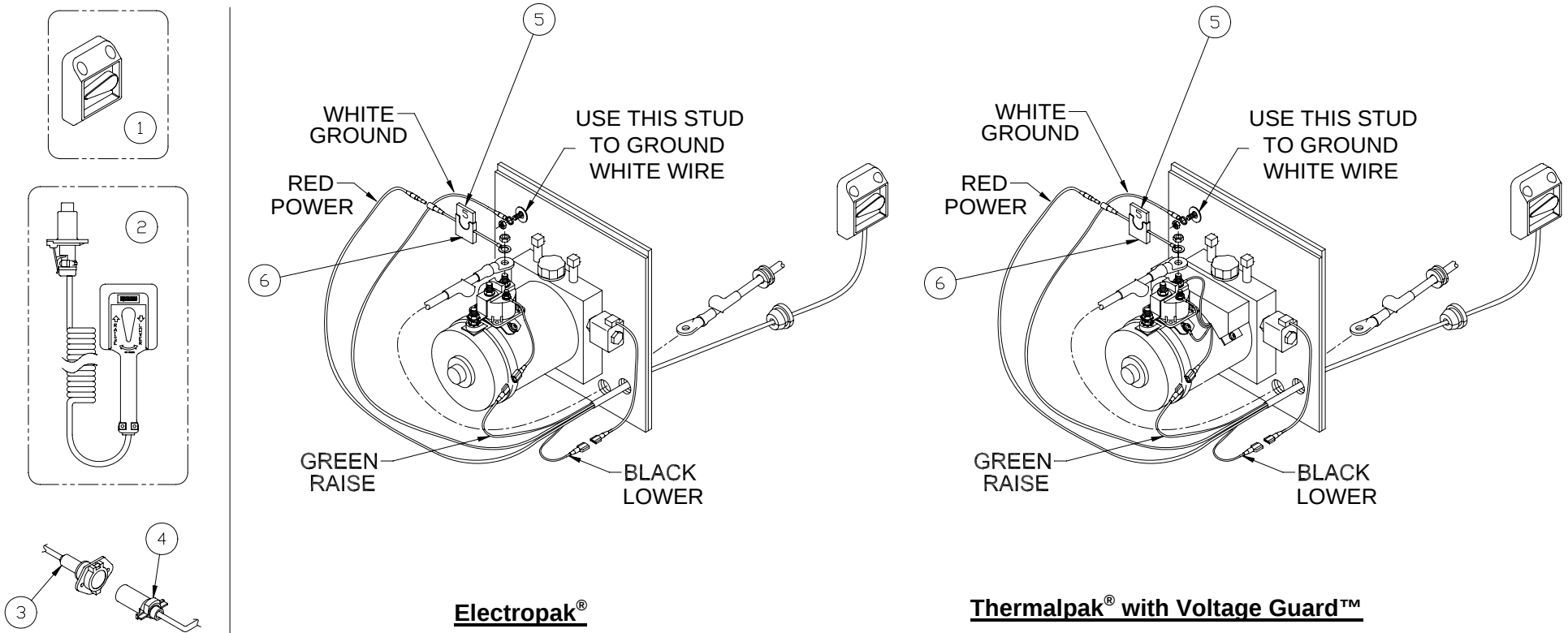
PM-343

ITEM	PART NUMBER	QTY	DESCRIPTION
1	75089808	1	Toggle Switch
2	10098400	1	Control Cord Assembly
3	75082033	2	16 Ga. Butt Connector
4	75089853	1	5 AMP Fuse
5	75089850	1	Fuse Holder
6	33574100	1	Dielectric Insulation
7	33520900	1	Plug
8	10098100	1	Control Tube Assembly
9	75080055	1	Strain Relief
10	75089813	1	Recessed Switch Plate
11	75082038	1	Trailer Socket
12	75082037	1	Trailer Plug
13	75089798	1	Push Button Box Assembly
*14	10098000		Toggle Switch & Tube Kit
*15	75089800	1	Remote Box Straight Cord
	75089799	1	Remote Box Coil Cord
	80000470	1	Remote Box Straight Cord w/ plug & socket
	80000469	1	Remote Box Coil Cord w/ plug & socket
*16	80000468	1	Toggle Switch Kit
*17	80000425	1	SuperSwitch Kit
	10099302	1	Remote SuperSwitch
	80000423	1	SuperSwitch Control Kit
	80000424	1	SuperSwitch Dual Control Kit
	80000799	1	Remote SuperSwitch Kit
**Boxed assemblies represent complete kits			



WIRE No.	COLOR	FUNCTION
1	BLACK	LOWER (DOWN)
2	GREEN	HOT (POWER)
3	WHITE	RAISE (UP)

ELECTRIC CONTROL OPTIONS – Gravity Down
(Built 7-04 thru 7-08)



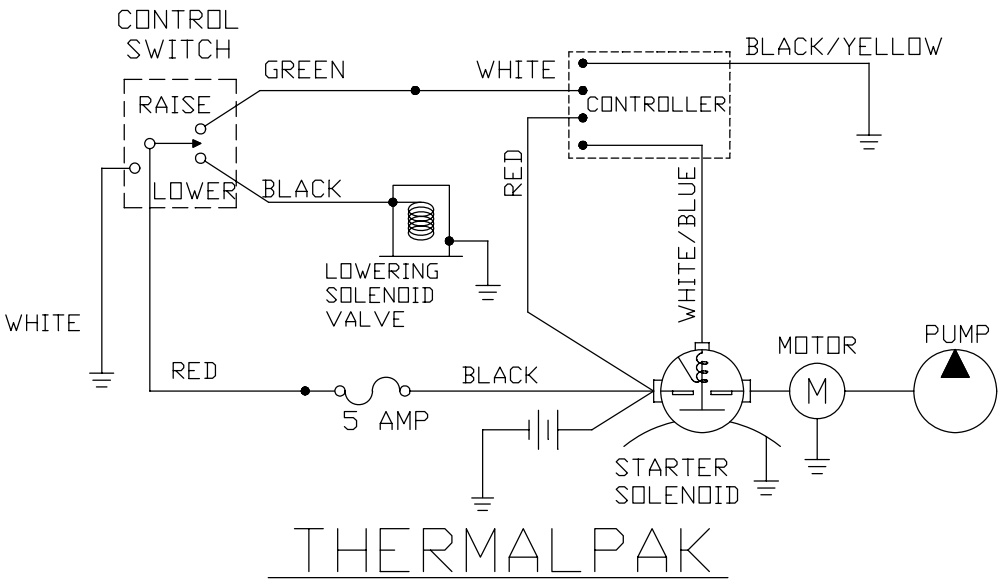
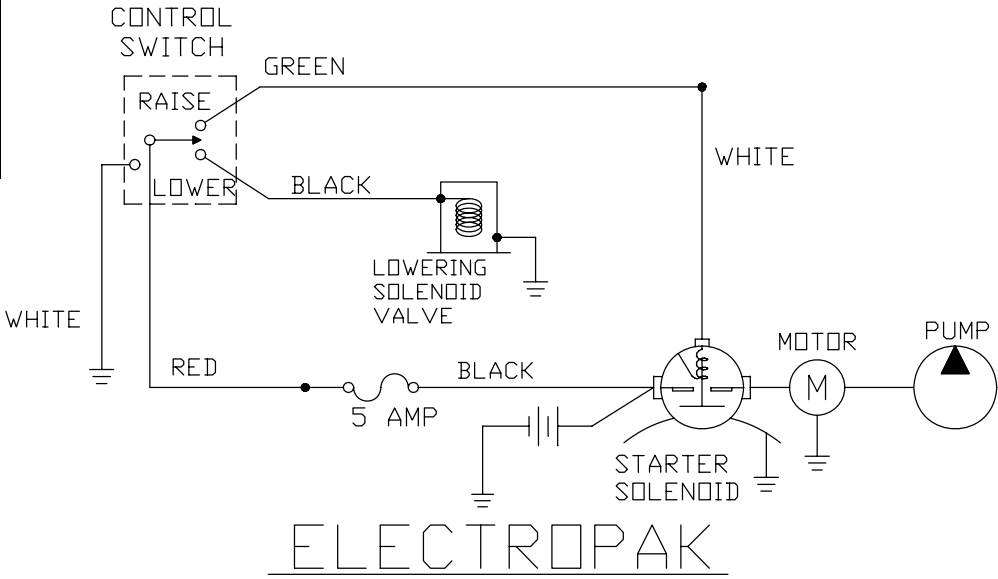
WALTCO
TRUCK EQUIPMENT CO.

REVISED: 5-7-04
E.O. 5337G
REV. 03

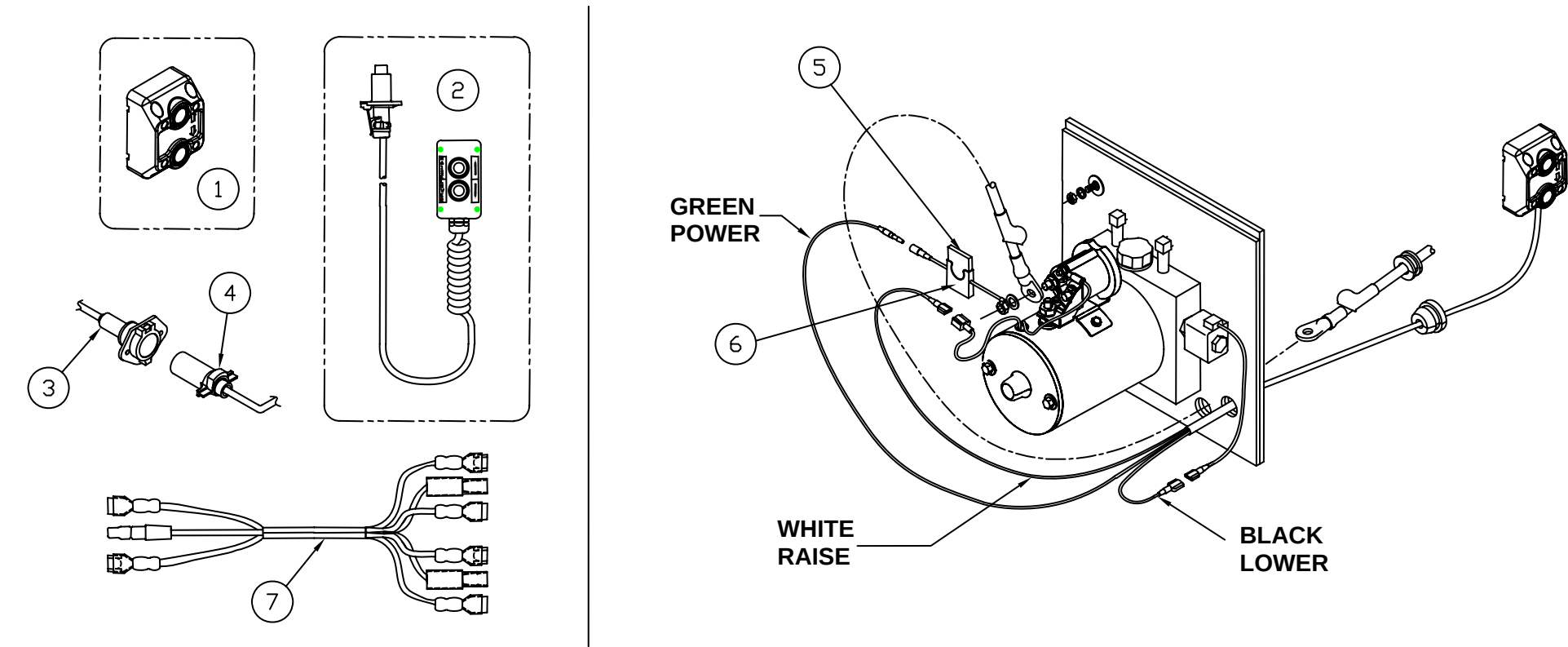
PM-617

ITEM	PART NUMBER	QTY	DESCRIPTION
1	10099322 ^a	1	SuperSwitch™ (for curb side)
	10099323 ^b	1	SuperSwitch™ (for Dual Control Harness)
2	10099325 ^c	1	SuperSwitch™ (Hand Held Remote)
3	75082038	1	Trailer Socket
4	75082037	1	Trailer Plug
5	75089853	1	5 Amp Fuse
6	75089850	1	Fuse Holder

^a Included in SuperSwitch™ Kit 80000428.
^b Included in SuperSwitch™ Dual Control Kit 80000434.
^c Included in SuperSwitch™ Hand Held Remote Kit 80000430.



ELECTRIC CONTROL OPTIONS – Gravity Down
(Built from 7-08 thru 8-09)



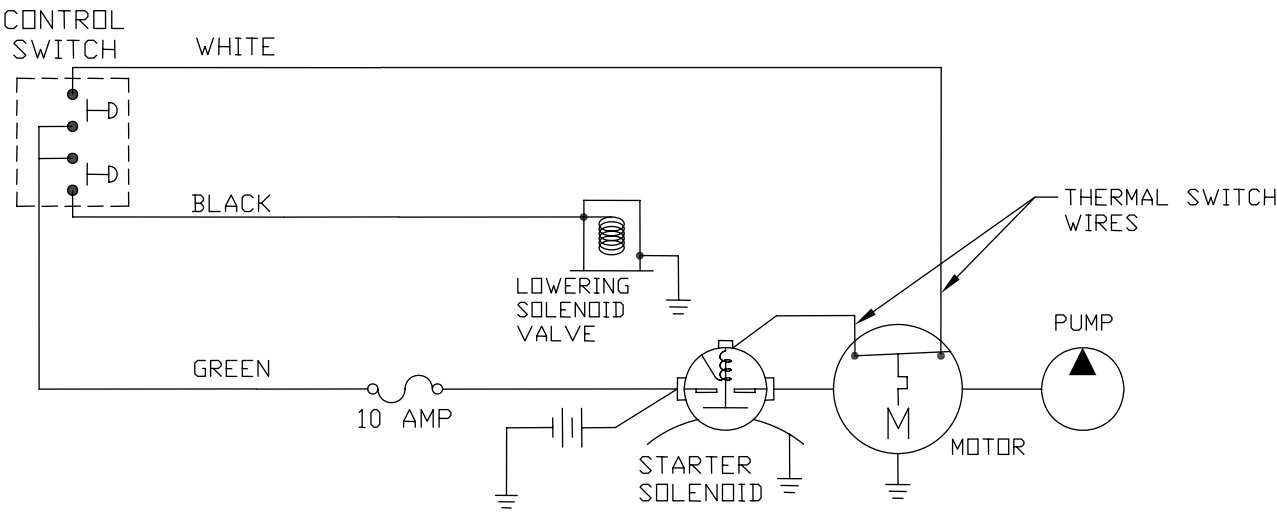
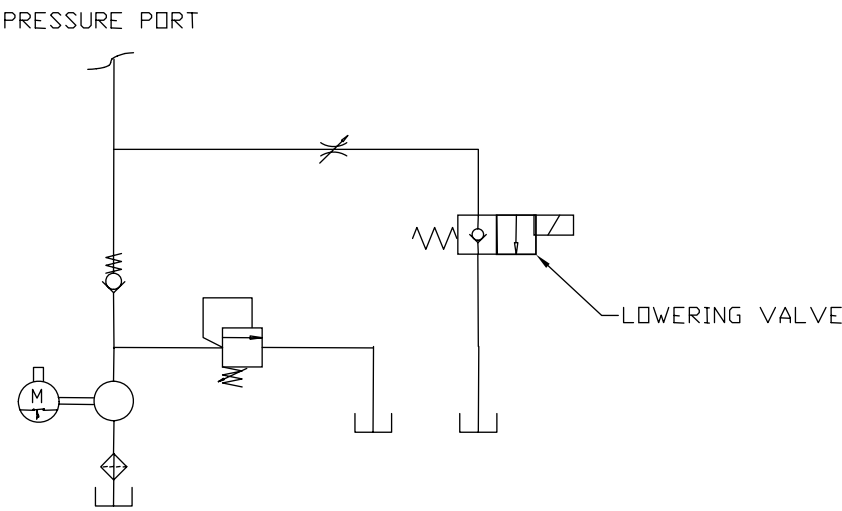
WALTCO LIFT CORP.

REVISED: 7-1-08
E.O. 6046
REV. 01

PM-617A

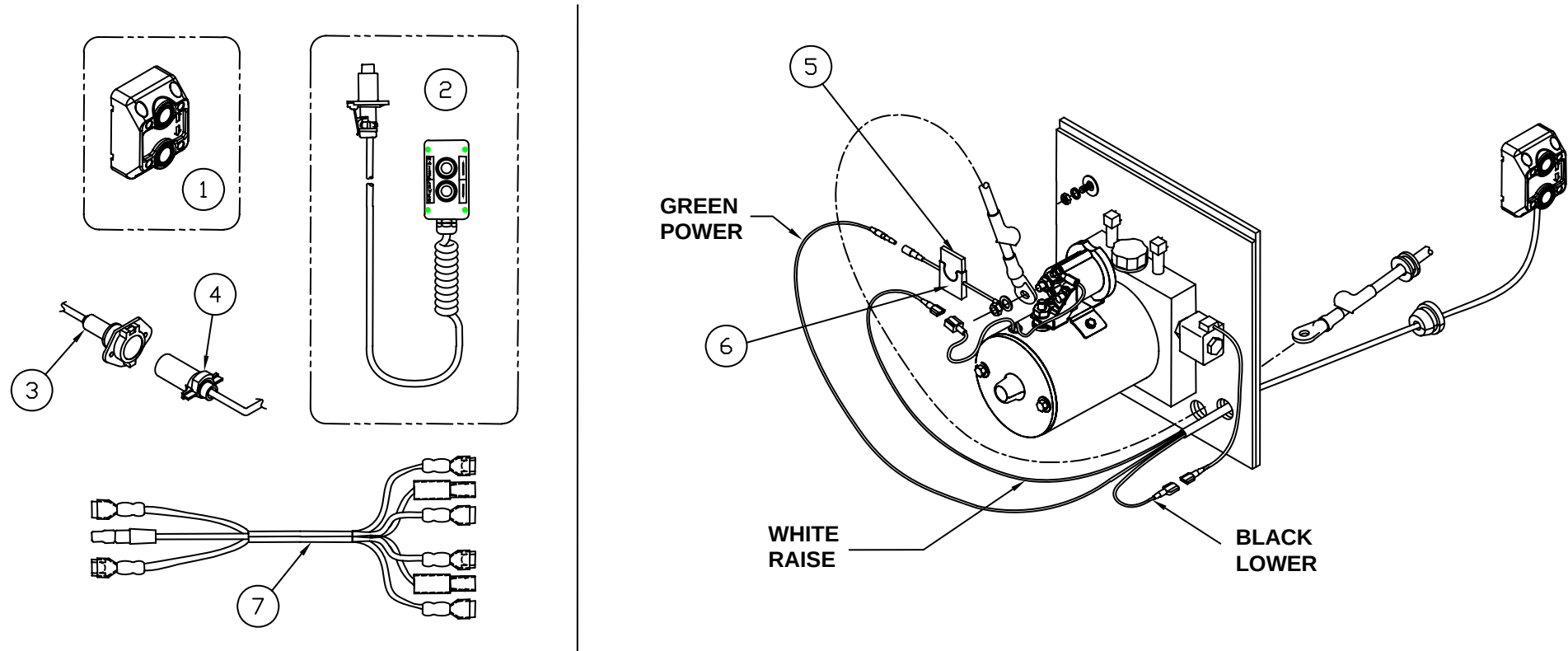
	PART NUMBER	QTY	DESCRIPTION
1	10099322 ^a	1	Switch w/10ft Cord (for curb side)
	10099323 ^b	1	Switch w/15ft Cord (for Dual Control)
2	10099325 ^c	1	Switch (Hand Held Remote)
3	75082038	1	Trailer Socket
4	75082037	1	Trailer Plug
5	75089851	1	10 Amp Fuse
6	75089850	1	Fuse Holder
7	10098413	1	Dual Control Harness

^a Included in Switch Kit 80000428.
^b Included in Switch Dual Control Kit 80000434.
^c Included in Switch Hand Held Remote Kit 80000430.



ELECTRIC CONTROL OPTIONS – GRAVITY DOWN

(Built from 8-09)



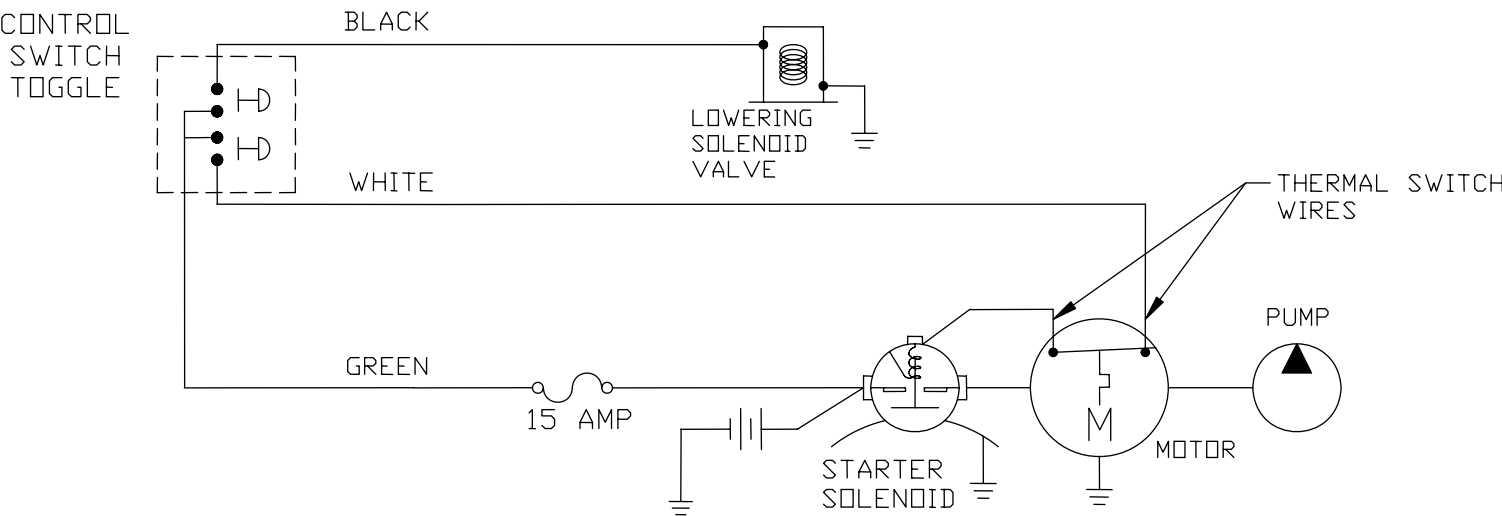
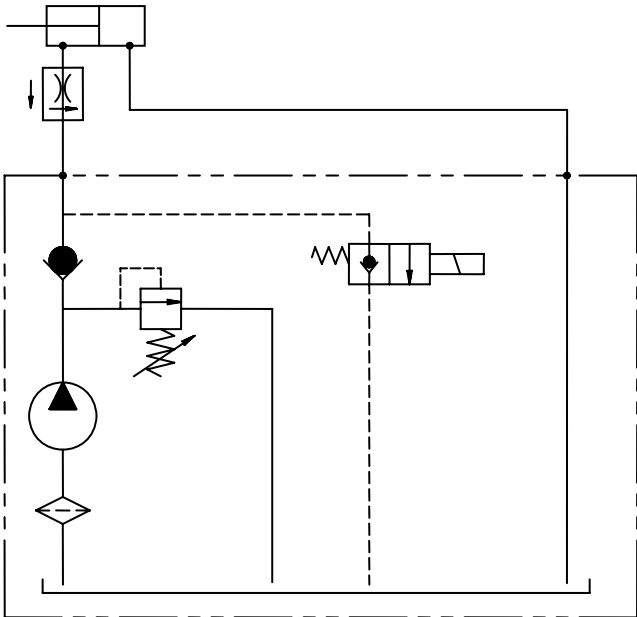
WALTCO LIFT CORP.

REVISED: 12-17-09
E.O. 6339
REV. 02

PM-617B

	PART NUMBER	QTY	DESCRIPTION
1	10099322 ^a	1	Switch w/10ft Cord (for curb side)
	10099323 ^b	1	Switch w/15ft Cord (for Dual Control)
2	10099325 ^c	1	Switch (Hand Held Remote)
3	75082038	1	Trailer Socket
4	75082037	1	Trailer Plug
5	75089854	1	15 Amp Fuse
6	75089850	1	Fuse Holder
7	10098413	1	Dual Control Harness

^a Included in Switch Kit 80000428.
^b Included in Switch Dual Control Kit 80000434.
^c Included in Switch Hand Held Remote Kit 80000430.



SL-20 SERIES PUMPS, CYLINDER, & VALVE 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.
22280050	Lift Cylinder	PM-209

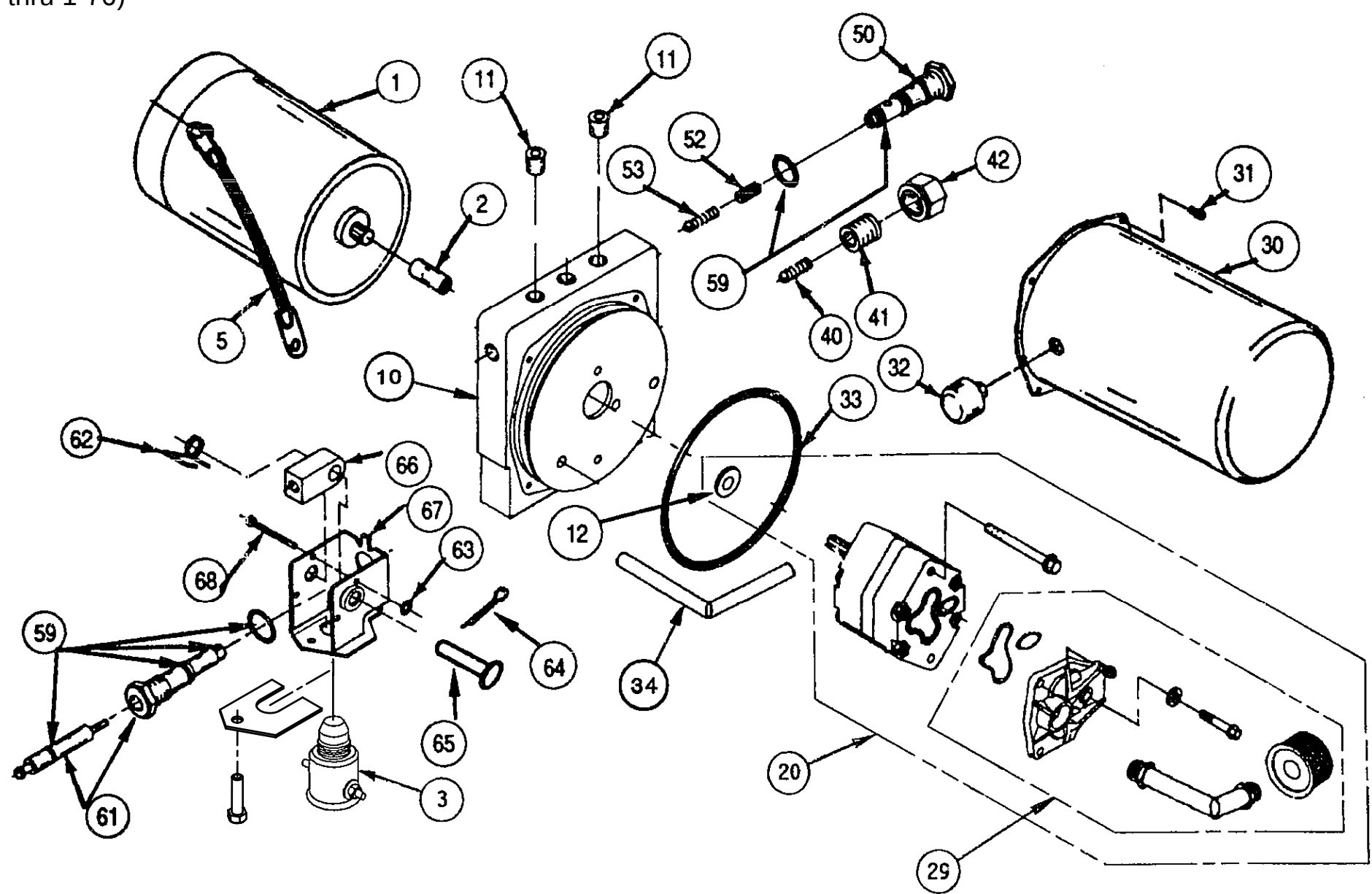
HYDRAULIC PUMPS

Part Number	Description	Pump Mfr.	PM No.
22195000	Hydraulic Pump Assembly	Fenner	PM-110B
70400300	Hydraulic Pump Assembly	Monarch	PM-398
10195000	Hydraulic Pump Assembly	Fenner	PM-118B
70400250	Hydraulic Pump Assembly	Monarch	PM-399
30195000	Hydraulic Pump Assembly	Fenner	PM-111B
70400000	Hydraulic Pump Assembly	Monarch	PM-352
70400700	Hydraulic Pump Assembly	Monarch	PM-352
70401900	Hydraulic Pump Assembly	Monarch	PM-555
70401950	Hydraulic Pump Assembly	Monarch	PM-555

VALVES

Part Number	Description	PM No.
70160000	In-Line Valve	PM-69

SOLENOID OPERATED PUMP UNIT
(Built thru 1-76)



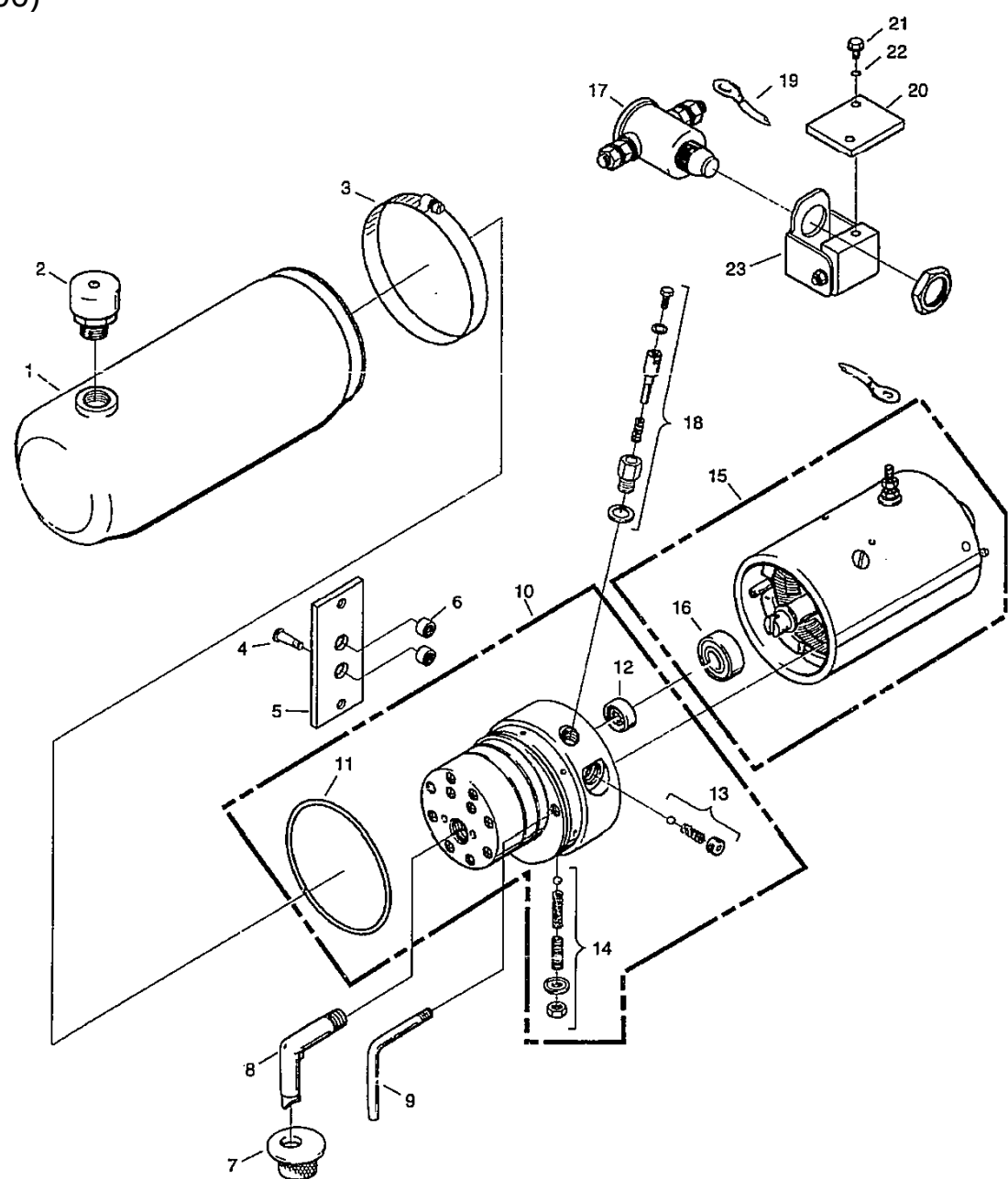
WALTCO
TRUCK EQUIPMENT CO.
22195000

REVISED: 8-1-09
E.O. 6251
REV. 05
PM-110B

ITEM	PART NUMBER	QTY	DESCRIPTION
1	U25163	1	Motor
2	70091618	1	Coupling
3	80000692	1	Switch Kit
5	70091260	1	Terminal Cable Assembly
10	70091274	1	End Head
11	70091291	2	Plug
12	70091629	1	Shaft Seal
20	70091615	1	Pump Assembly Kit
29	70091758	1	Suction Cover Kit
30	70091262	1	Reservoir
31	70091265	4	Screw
32	70091270	1	Breather Cap
33	75000027	1	“O” Ring
34	70091493	1	Return Tube
40	70091249	1	Ball
	70091250	1	Spring
41	70091295	1	Adjustment Screw
42	70091294	1	Relief Cap Assembly
50	70091395	1	Check Cap Assembly
52	70091296	1	Spring Retainer
53	70091281	1	Spring & Ball Assembly
59			Valve Seal Kit
	75000025	1	“O” Ring
	75000026	2	“O” Ring
	75000036	2	“O” Ring
	70091297	2	Seal Ring
61	80000722	1	Release Cap Stem Assembly
62	70160009*	1	Spring
63	70091602*	1	Grip Ring
64	70091604*	1	Cotter Pin
65	70091603	1	Headed Pin
66	70091266*	1	Cam
67	70091277*	1	Mounting Bracket Assembly
68	70091601*	1	Headed Pin

* Items included in switch kit 70091279

70400225, 70400300, 70400500 Monarch Pump
(Service Pump for 22195000)



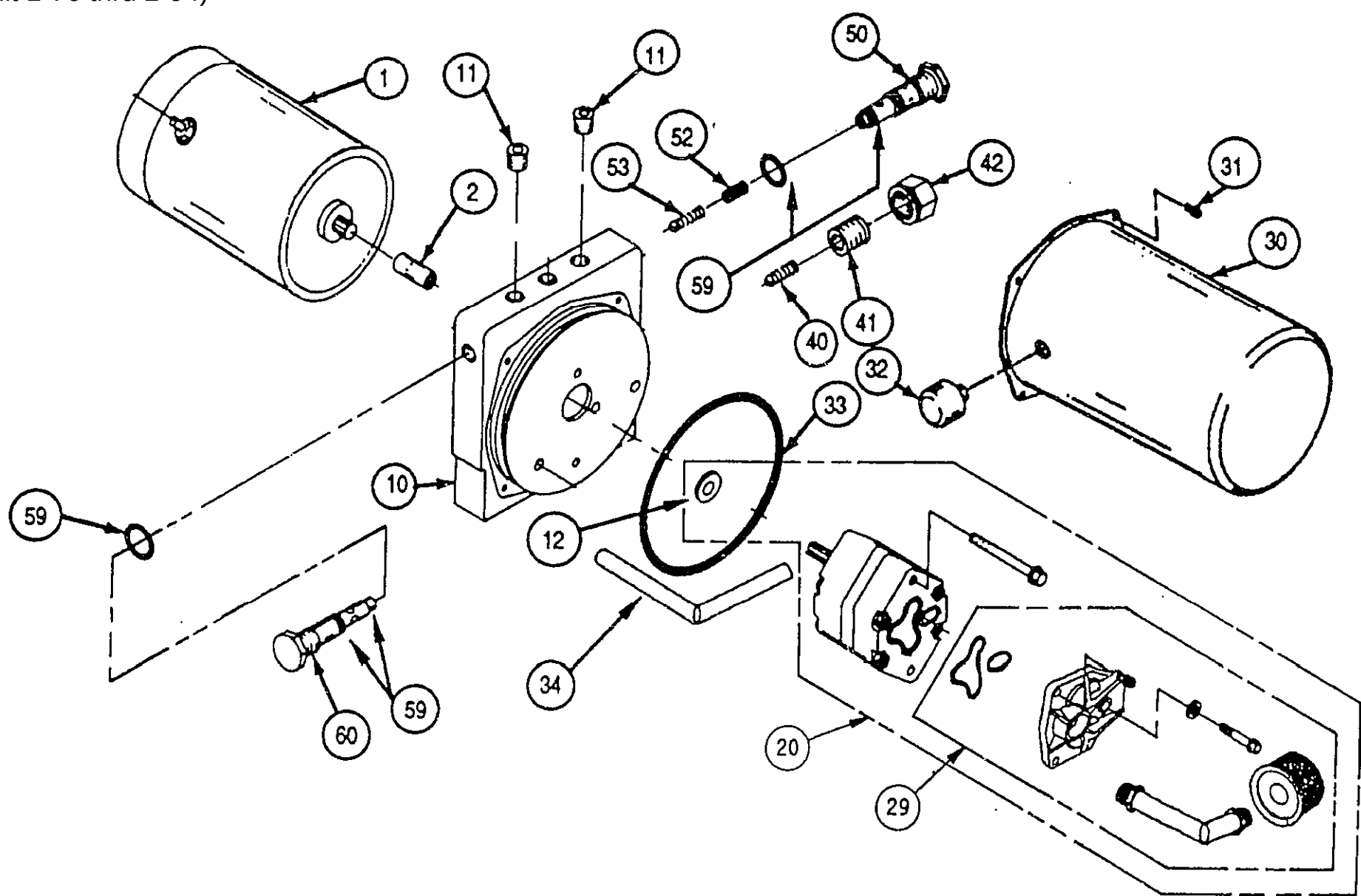
WALTCO
TRUCK EQUIPMENT CO.
70400225, 70400300,
70400500

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

PM-398

ITEM	PART NUMBER	QTY	DESCRIPTION
1	70400001	1	Reservoir, Plastic, 4.5" x 13"
2	70400004	1	Plug, vent, 3/8" NPT
3	70400002	1	Clamp, Hose Worm Gear (M-Series)
4	70400482	2	Screw, Flat Head Cap, 3/8"-16 x 1-1/4"
5	70400481	1	Bracket, Plate Mount
6	70091728	2	Spacer
7	70091730	1	Screen, Filter (Suction)
8	70091731	1	Tube, Filter Suction, 3/8" NPT 90°
9	70092328	1	Tube, Return 90°
10	70400478	1	Pump Assembly, Gear Code 03
11	70091717	1	"O" Ring
12	70400006	1	Seal
13	70091718	1	Parts Kit, Ball Check
14	70092355	1	Parts Kit, Relief Valve
15	7043001-1	1	Motor, Electric 12 VDC
16	70091721	1	Bearing, Base Motor
17	70092304	1	Switch
18	70092307	1	Parts Kit, Plunger
19	70092402	1	Cable with Lugs
20	70400479	1	Adapter
21	70400483	1	Screw
22	70400484	1	Washer
23	70400480	1	Bracket Assembly

EXTENRALLY OPERATED PUMP UNIT
(Built 1-76 thru 2-94)



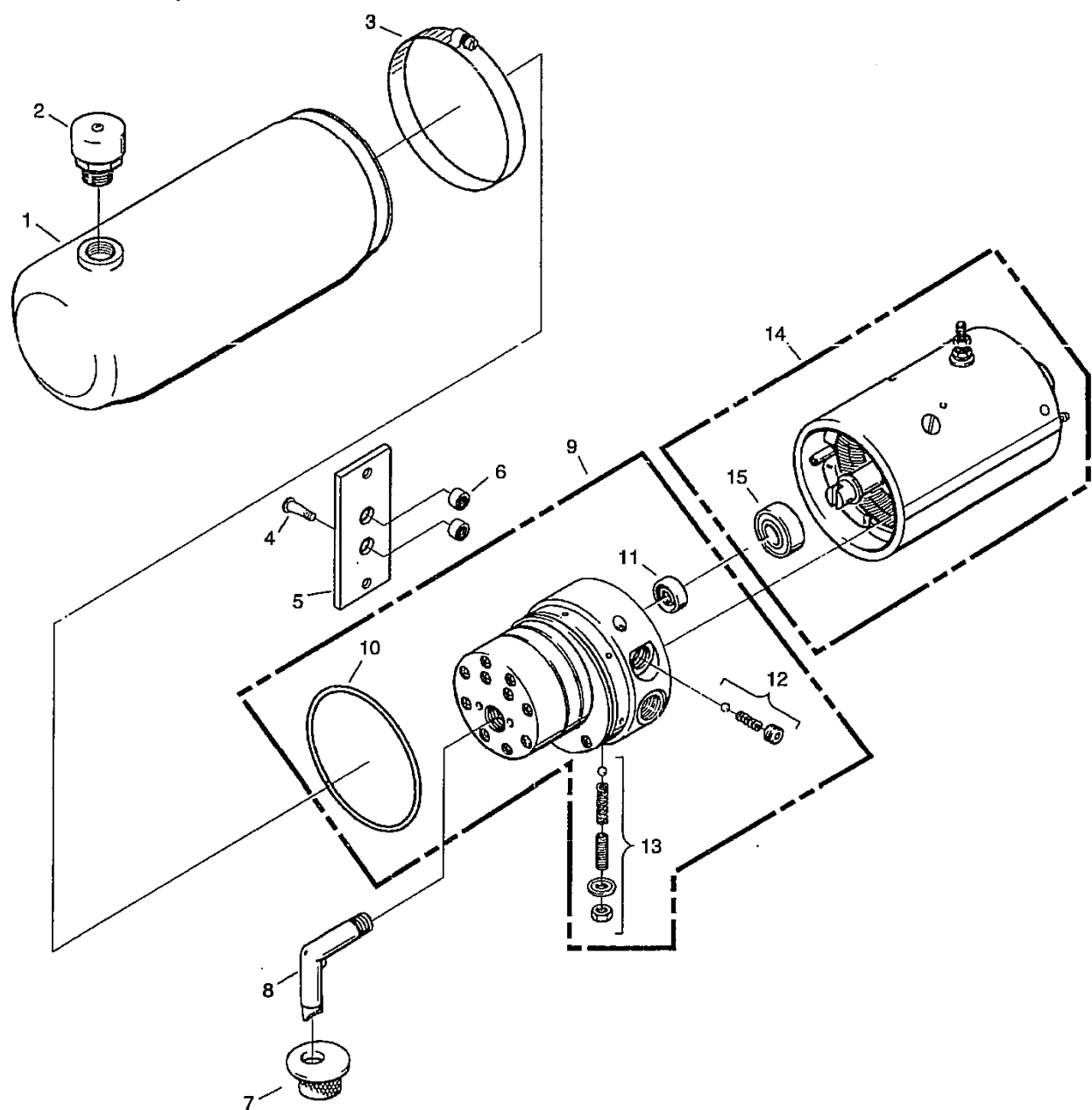
WALTCO
TRUCK EQUIPMENT CO.
10195000

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

PM-118B

ITEM	PART NUMBER	QTY	DESCRIPTION
1	U25163	1	Motor
2	70091618	1	Coupling
10	70091274	1	End Head
11	70091291	2	Plug
12	70091629	1	Shaft Seal
20	70091615	1	Pump Assembly Kit
29	70091758	1	Suction Cover Kit
30	70091262	1	Reservoir
31	70091265	4	Screw
32	70091270	1	Breather Cap
33	75000027	1	“O” Ring
34	70091493	1	Return Tube
40	70091249	1	Ball
	70091250	1	Spring
41	70091295	1	Adjustment Screw
42	70091294	1	Relief Cap Assembly
50	70091395	1	Check Cap Assembly
52	70091298	1	Spring Retainer
53	70091281	1	Spring & Ball Assembly
59			Valve Seal Kit
	75000026	2	“O” Ring
	75000036	2	“O” Ring
	70091297	2	Seal Ring
60	70091189	1	Release Valve Assembly

70400250, 70400275 MONARCH PUMP
(Service Pump for 10195000)



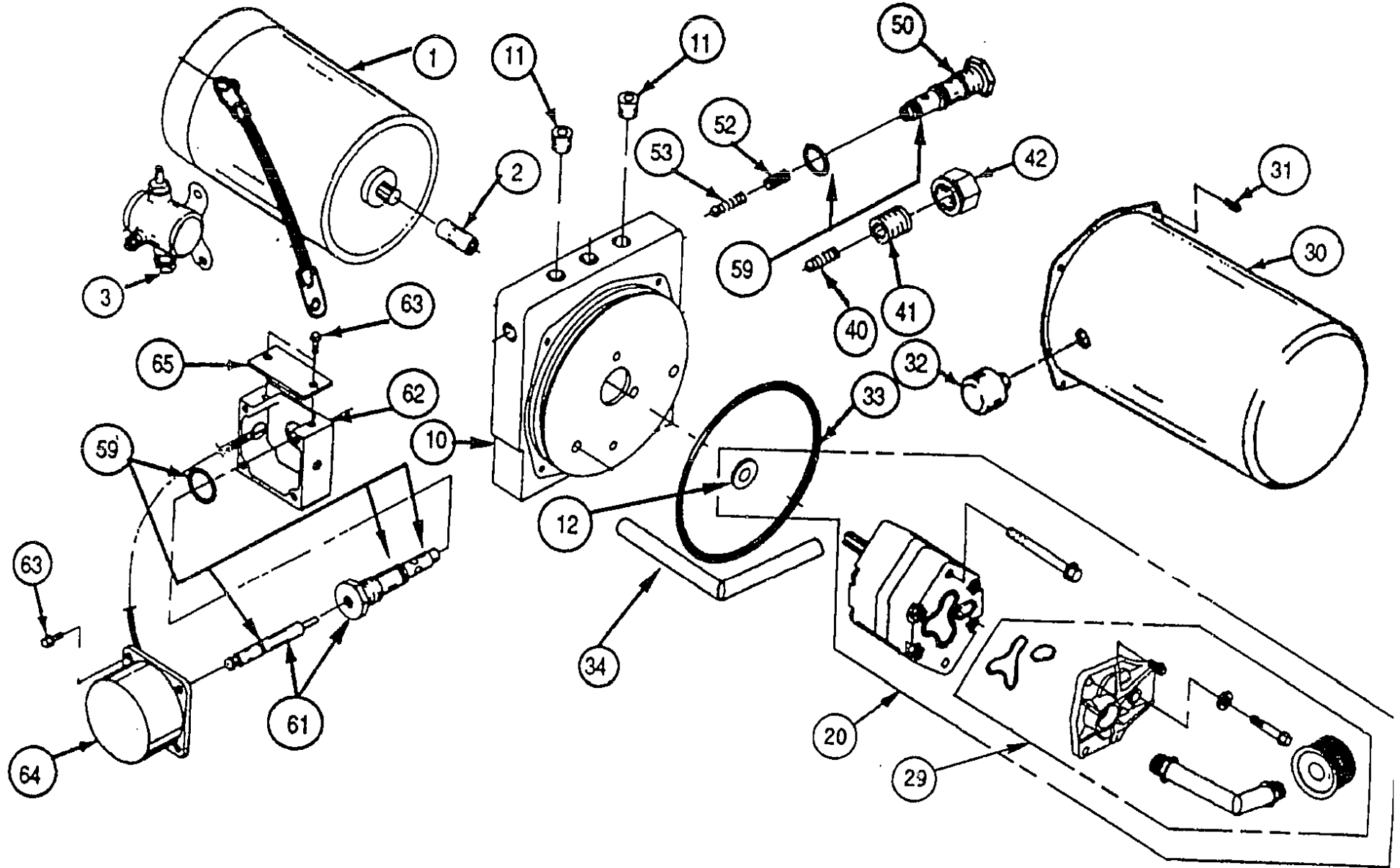
WALTCO
TRUCK EQUIPMENT CO.
70400250

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

PM-399

ITEM	PART NUMBER	QTY	DESCRIPTION
1	70400001	1	Reservoir
2	70400004	1	Plug, Vent, 3/8" NPT
3	70400002	1	Clamp, Hose
4	70400482	2	Flat Head Screw, 3/8"-16 x 1-1/4"
5	70400481	1	Bracket, Mount
6	70091728	2	Spacer
7	70091730	1	Screen, Filter (Suction)
8	70091731	1	Tube, Filter Suction, 3/8" NPT 90°
9	70400251	1	Pump Assembly
10	70091717	1	"O" Ring
11	70400006	1	Seal
12	70091718	1	Parts Kit, Check Valve
13	70092355	1	Parts Kit, Relief Valve
14	7043001-1	1	Motor, 12V
15	70091721	1	Bearing, Base Motor

SOLENOID OPERATED PUMP UNIT
(Built 1-76 thru 2-94)



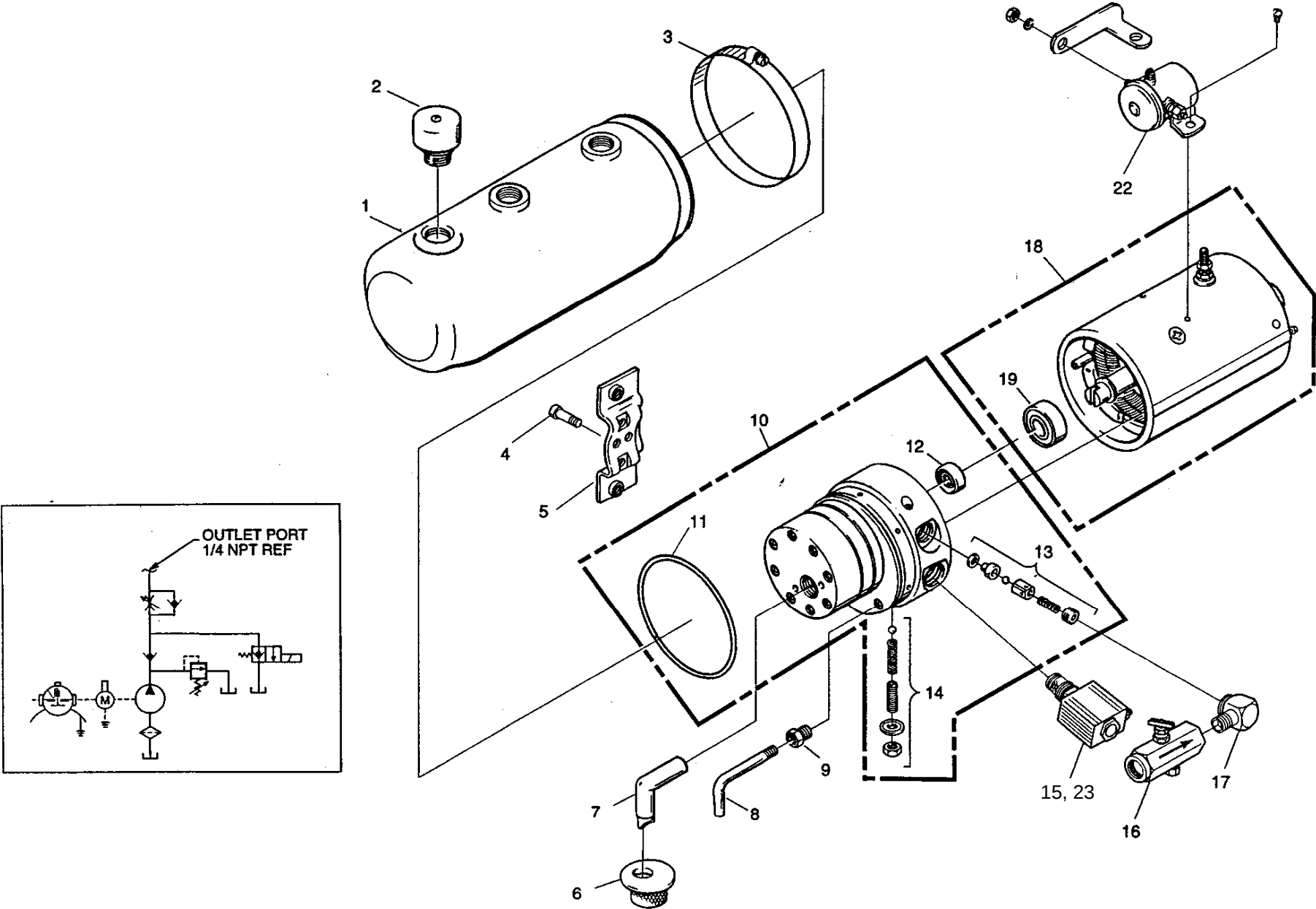
WALTCO
TRUCK EQUIPMENT CO.
30195000, 33095001,
33595001

REVISED: 8-1-09
E.O. 6251
REV. 06
PM-111B

ITEM	PART NUMBER	QTY	DESCRIPTION
1	U25163	1	Motor
2	70091618	1	Coupling
3	80001065	1	Solenoid Kit
10	70091274	1	End Head
11	70091291	2	Plug
12	70091629	1	Shaft Seal
20	70091615	1	Pump Assembly Kit
29	70091758	1	Suction Cover Kit
30	70091262	1	Reservoir
31	70091265	4	Screw
32	70091270	1	Breather Cap
33	75000027	1	“O” Ring
34	70091493	1	Return Tube
40	70091249	1	Ball
	70091250	1	Spring
41	70091295	1	Check Cap Assembly
42	70091294	1	Relief Cap Assembly
50	70091395	1	Check Cap Assembly
52	70091696	1	Spring Retainer
53	70091281	1	Spring & Ball Assembly
59			Valve Seal Kit
	75000025	1	“O” Ring
	75000026	2	“O” Ring
	75000036	2	“O” Ring
	70091297*	2	Seal Ring
61	80000722	1	Release Cap Stem Assembly Kit
62	70091358*	1	Solenoid Bracket
63	70091352*	6	Screw
64	70091631	1	Solenoid
65	70091353*	1	Cover

* Items included in switch kit 70091679

70400000, 70400700 SOLENOID OPERATED
(Built 2-94 thru 7-04)



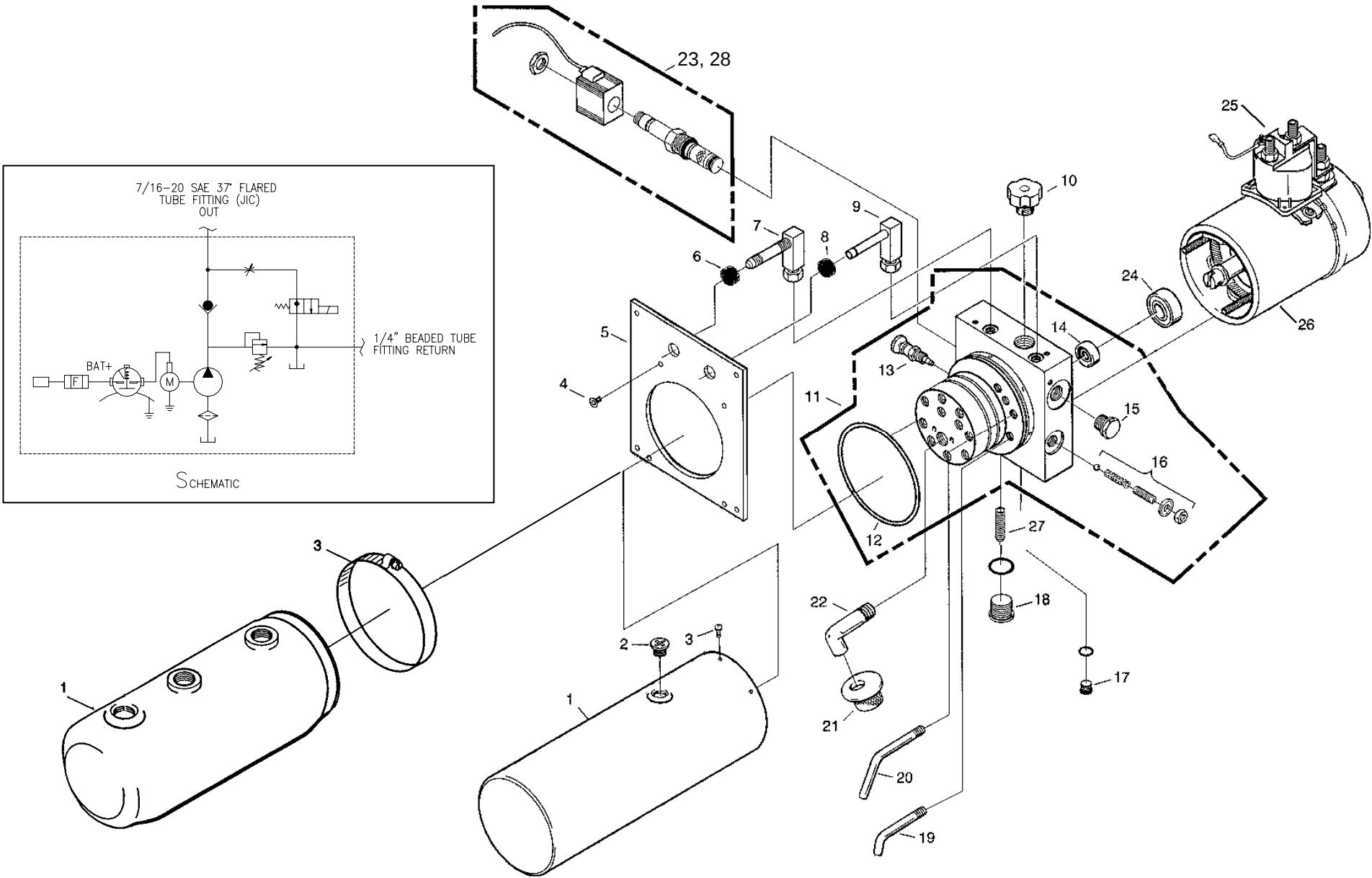
WALTCO
TRUCK EQUIPMENT CO.
70400000, 70400700

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

PM-352

ITEM	PART NUMBER	QTY	DESCRIPTION
1	70400001	1	Reservoir, Plastic
2	70400004	1	Breather
3	70400002	1	Clamp
4	70092357	2	Screw
5	70400008	1	Bracket
6	70091730	1	Screen
7	70091731	1	Tube
8	70091732	1	Tube
9	70092504	1	Bushing
10	70400005	1	Pump Assembly Kit (includes items 11-14)
11	70091717	1	“O” Ring
12	70400006	1	Seal
13	70400007	1	Valve Assembly
14	70092355	1	Relief Valve Assembly
15	70092503	1	Valve Assy, 2-way, 2 position /w Coil
16	70189860	1	Valve
17	75082611	1	Elbow
18	7043001-1	1	Motor Kit (includes item 19)
19	70091721	1	Bearing
22	80001065	1	Solenoid Kit
23	70402303	1	Coil, 10V, 25A

70401400, 70401450, 70401700, 70401750, 70401900, 70401950, 70430320 GRAVITY DOWN ELECTROPAK
(Built from 7-04)



WALTCO

TRUCK EQUIPMENT CO.

F, C, E, EZL

REVISED: 8-1-09

E.O. 6251

REV. 07

PM-555

ITEM	PART NUMBER	QTY	DESCRIPTION
1	70401456 ^B	1	Reservoir (Metal)
	70400001 ^C	1	Reservoir (Plastic)
2	70400055	1	Breather Plug
3	70091738 ^B	6	Screw, 10-24 x 3/8" lg. (For Metal Reservoir)
	70400002 ^C	1	Clamp (For Plastic Reservoir)
4	75086000 ^A	4	Screw, socket flat head cap, 1/4-20
5	70401407 ^A	1	Plate
6	70401408	1	Grommet
7	70401435	1	Fitting, male 7/16" SAE 37° Flare
8	70401409	1	Grommet
9	70401430	1	Fitting, barbed
10	70091734	1	Breather
11	70401410	1	Pump Assembly
12	70091717	1	O-ring
13	70401411 ^D	1	Flow Control Valve, NPT Threads
	70401711 ^E	1	Flow Control Valve, SAE Threads w/ "O" Ring
14	70400006	1	Seal
15	70401412	1	Sight Glass
16	70401413	1	Relief Valve
17	70401415	1	Drain Plug
18	70401414	1	Plug, Check valve
19	70401406	1	Return Tube
20	70401405	1	Return Tube
21	70091730	1	Filter
22	70091731	1	Suction Tube
23	70092503	1	Valve Assy, 2-way/2pos with Coil
24	70091721	1	Bearing
25	75089833	1	Starter Solenoid
26	7043001-1	1	Motor
27	70401416	1	Check Valve
28	70402303	1	Coil, 10V, 25A

A Used on 70401400, 70401450 only.

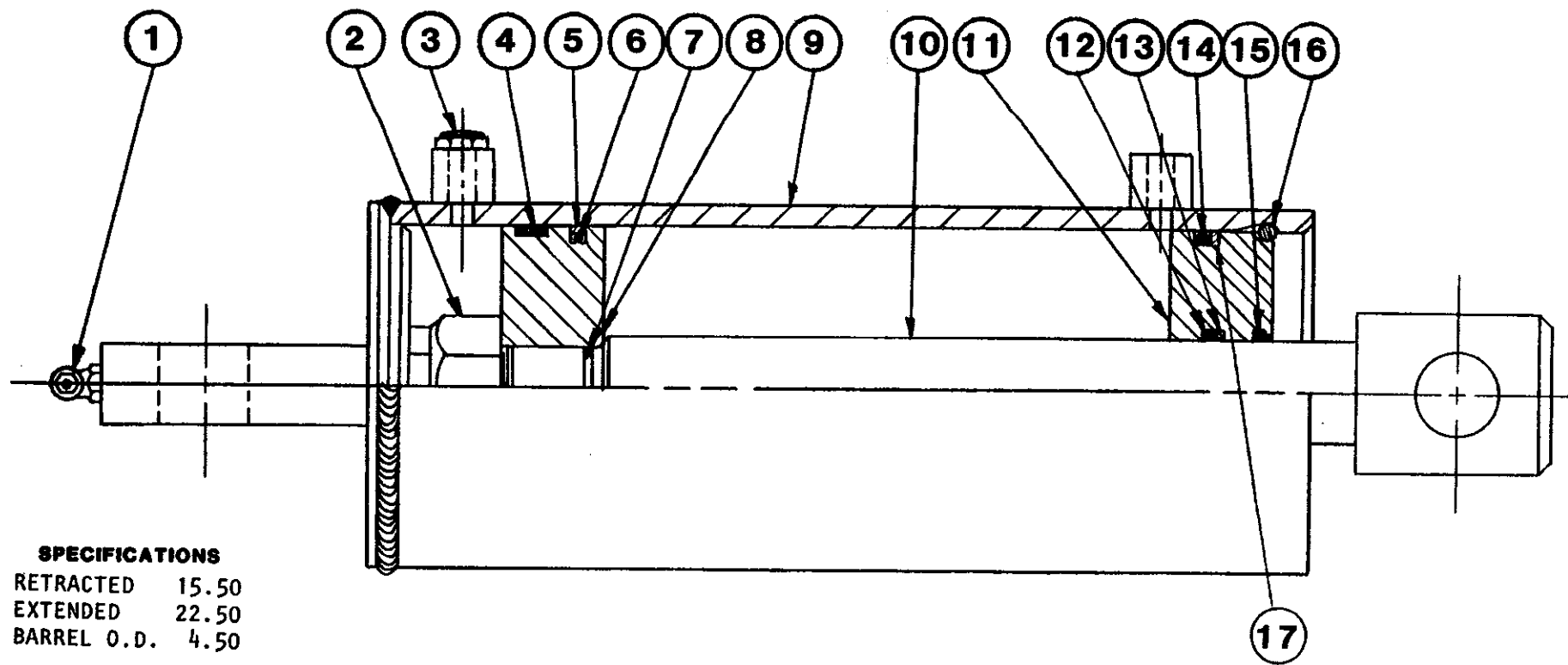
B Used on 70401400, 70401450 and 70401700, 70401750 only.

C Used on 70401900, 70401950, 70430320 only.

D Used until 3/04 only.

E Used since 3/04 only, and on all current replacement pump assemblies.

22280050
(All Years)



WALTCO
TRUCK EQUIPMENT CO.
22280050

REVISED: 6-1-04
E.O. No. 5221C
REV. 02

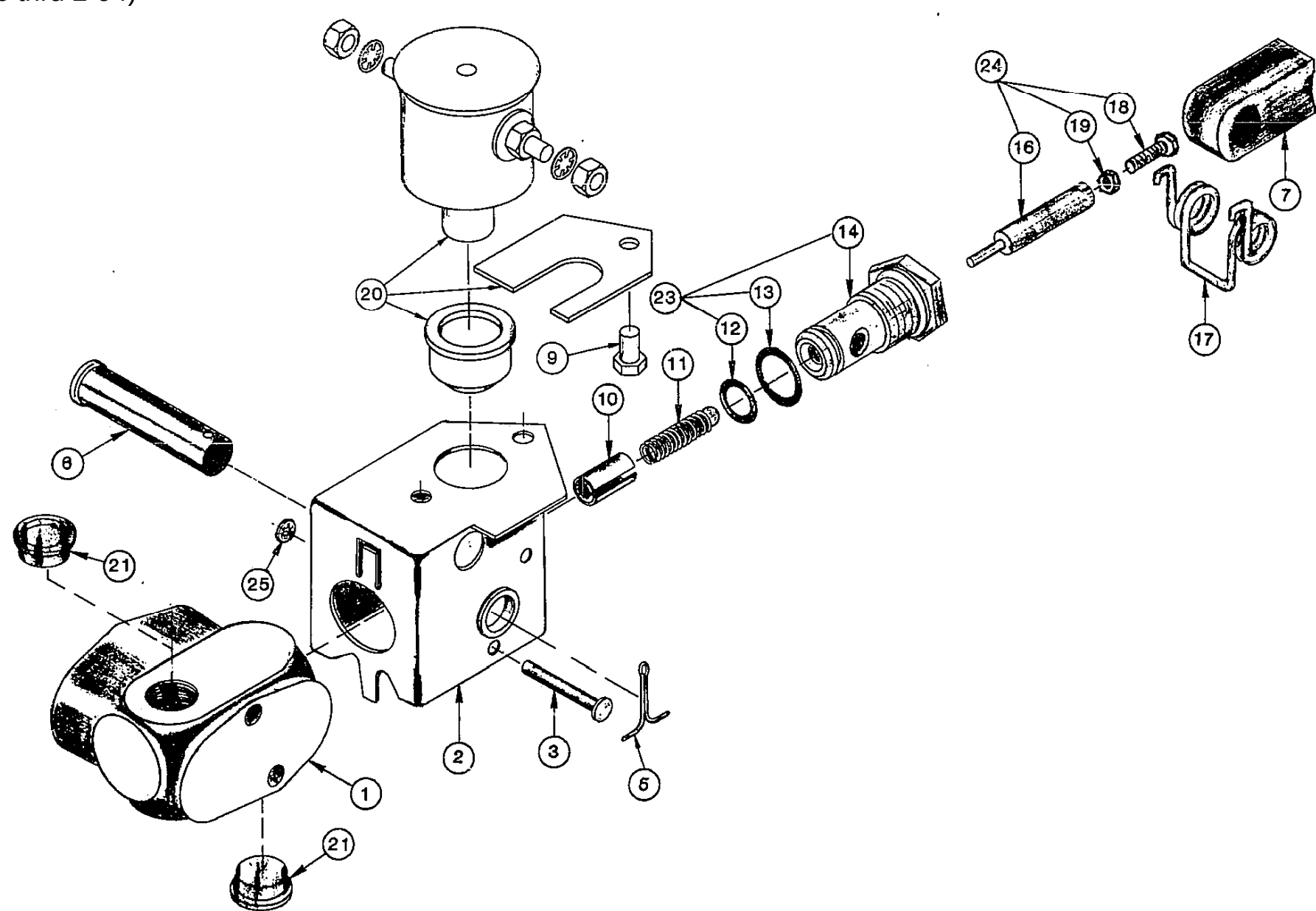
PM-209

ITEM	PART NUMBER	QTY	DESCRIPTION
1	75089305	1	Grease Fitting 65°
2	75085190	1	Locknut
3	75089315	1	Breather
4	-----	1	Wear Ring*
5	-----	1	Seal Ring*
6	-----	1	"O" Ring*
7	-----	1	"O" Ring*
8	22281550	1	Piston
9	22282050	1	Barrel Assembly
10	22281050	1	Shaft Assembly
11	22280250	1	Nose Bearing
12	-----	1	"O" Ring*
13	-----	1	Backup Ring*
14	-----	1	"O" Ring*
15	-----	1	Rod Wiper*
16	22282950	1	Retaining Ring
17	-----	1	Backup Ring*
18	22280095	1	Repair Kit

* Indicates Parts Included in Repair Kit.

Note: Refer to Cylinder Serial Number located on the Cylinder Barrel when ordering Parts.

70160000 IN-LINE VALVE
(1-76 thru 2-94)



WALTCO
TRUCK EQUIPMENT CO.
70160000

REVISED: 8-1-04
E.O. 5221E
REV. 02

PM-69

ITEM	PART NUMBER	QTY	DESCRIPTION
1	70160008	1	Valve Body
2	70091277	1	Actuator Mounting Bracket
3	70091601	1	3/16" Retaining Pin
5	70091604	1	Cotter Pin
6	70091603	1	Headed Pin
7	70091266	1	Cam (Waltco Spec)
9	70091267	1	1/4"-20 Square Flo Screw
10	70091296	1	Spring Retainer
11	70160004	1	Spring & Ball Assembly
12	75000038	1	"O" Ring
13	75000039	1	"O" Ring
14	70160005	1	Release Cap Assembly
16	70160064	1	Release Stem Assembly
17	70160009	1	Torsion Spring (Double)
18	70091261	1	Cam Adjusting Screw
19	70091288	1	#10-32 Hex Nut
20	70091750	1	Starter Switch
21	75089562	2	3/8" Plastic Plug
23	70160019	1	Release Cap Assembly
24	70160072	1	Release Stem Assembly
25	70091602	1	Grip Ring

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	