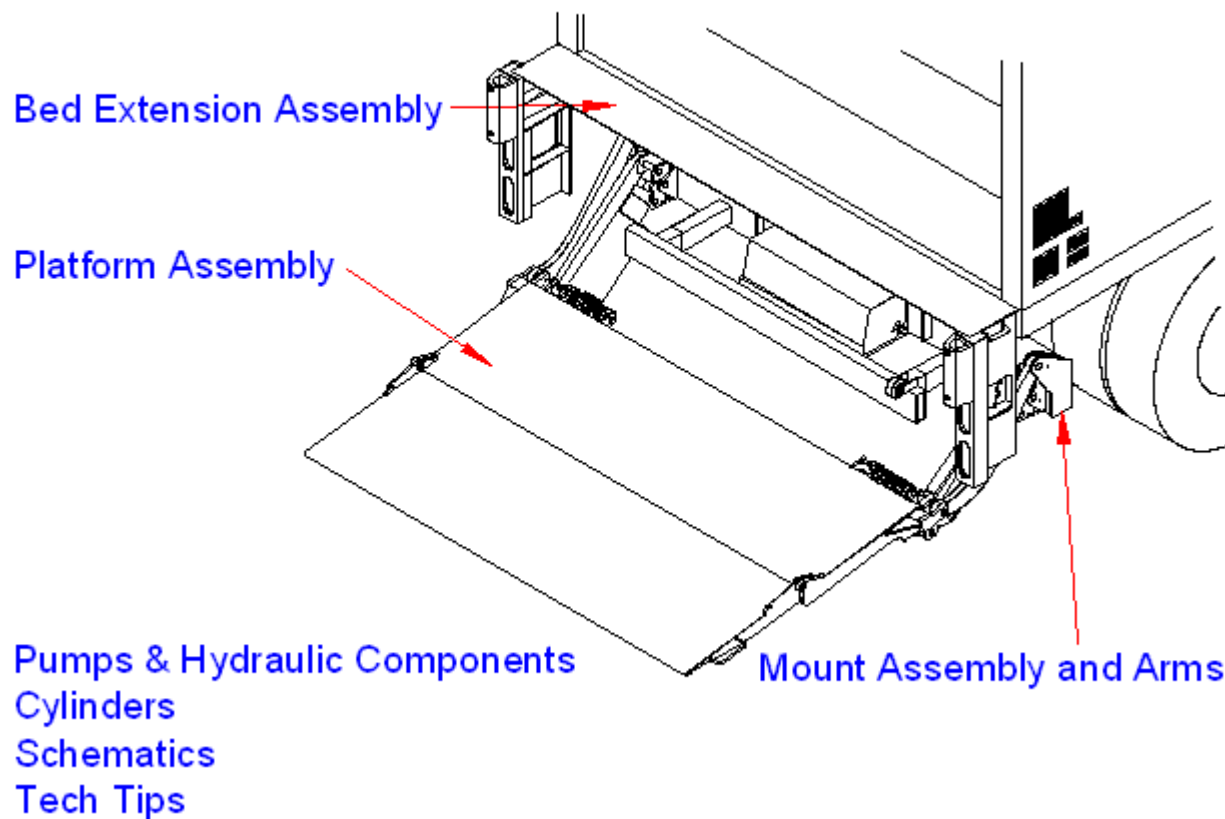


MPF-Series

MPF-Series

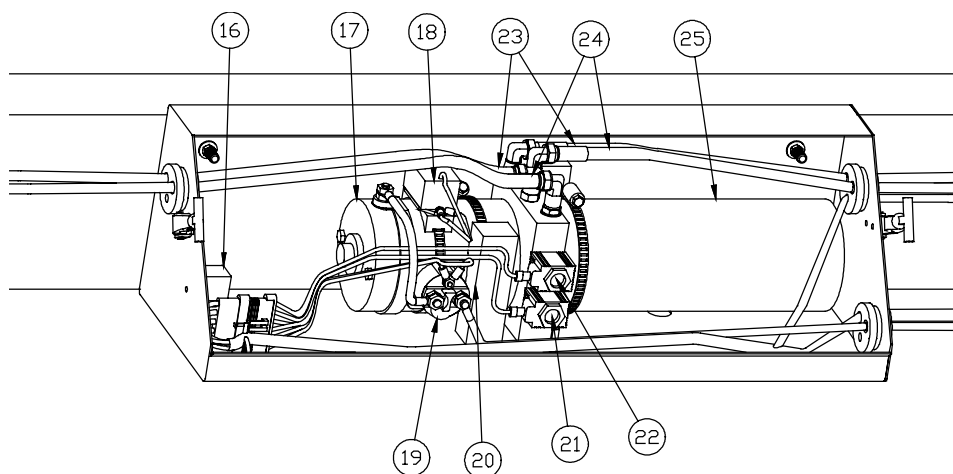
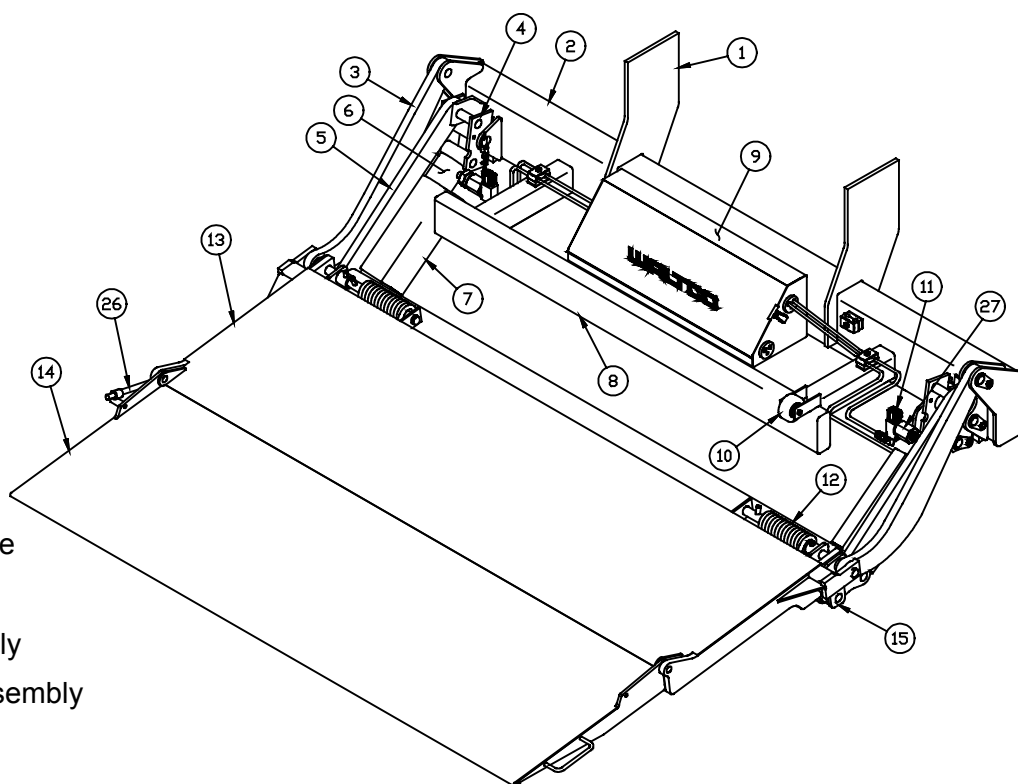
Click the appropriate link below for the major component of the liftgate for which you are trying to find the correct part. If you are unsure of the name of the part in Waltco terminology, click the "Liftgate Terminology" link and it will take you to a document showing a picture of the liftgate with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

[MPF Series Liftgate Terminology](#)



MPF Liftgate Terminology

1. Mount Plate
2. Mount Tube
3. Parallel Arm
4. Pivot Block
5. Lift Arm Assembly
6. Hydraulic Cylinder
7. Cylinder Cover
8. Bumper
9. Pump Unit Enclosure
10. Parting Wheel
11. Hydraulic Locking Valve
12. Torsion Spring
13. Platform Deck Assembly
14. Platform Extension Assembly
15. Hinge Block
16. Relay
17. Pump Unit Motor
18. Power Down Module
19. Pump Unit Starter Solenoid
20. Thermalpak® with Voltage Guard™
21. Raise Solenoid Valve
22. Lower Solenoid Valve
23. Power Down Line
24. Power Up Line
25. Pump Unit Reservoir
26. Torsion Bar



EXPLANATION OF SPECIFICATION TAG

MODEL NO.	MODEL NAME	DESCRIPTION	CAPACITY
233	MPF-25	MPF-25 Series	2500 lbs.
234	MPF-33	MPF-33 Series	3300 lbs.

MODEL NUMBER

RATED CAPACITY

Based on an evenly distributed load on the platform flat surface.

WALTCO
TRUCK EQUIPMENT

MODEL

CAPACITY/LB

SERIAL

DATE

BURLINGTON, WISCONSIN
GARDENA, CALIFORNIA
TALLMADGE, OHIO

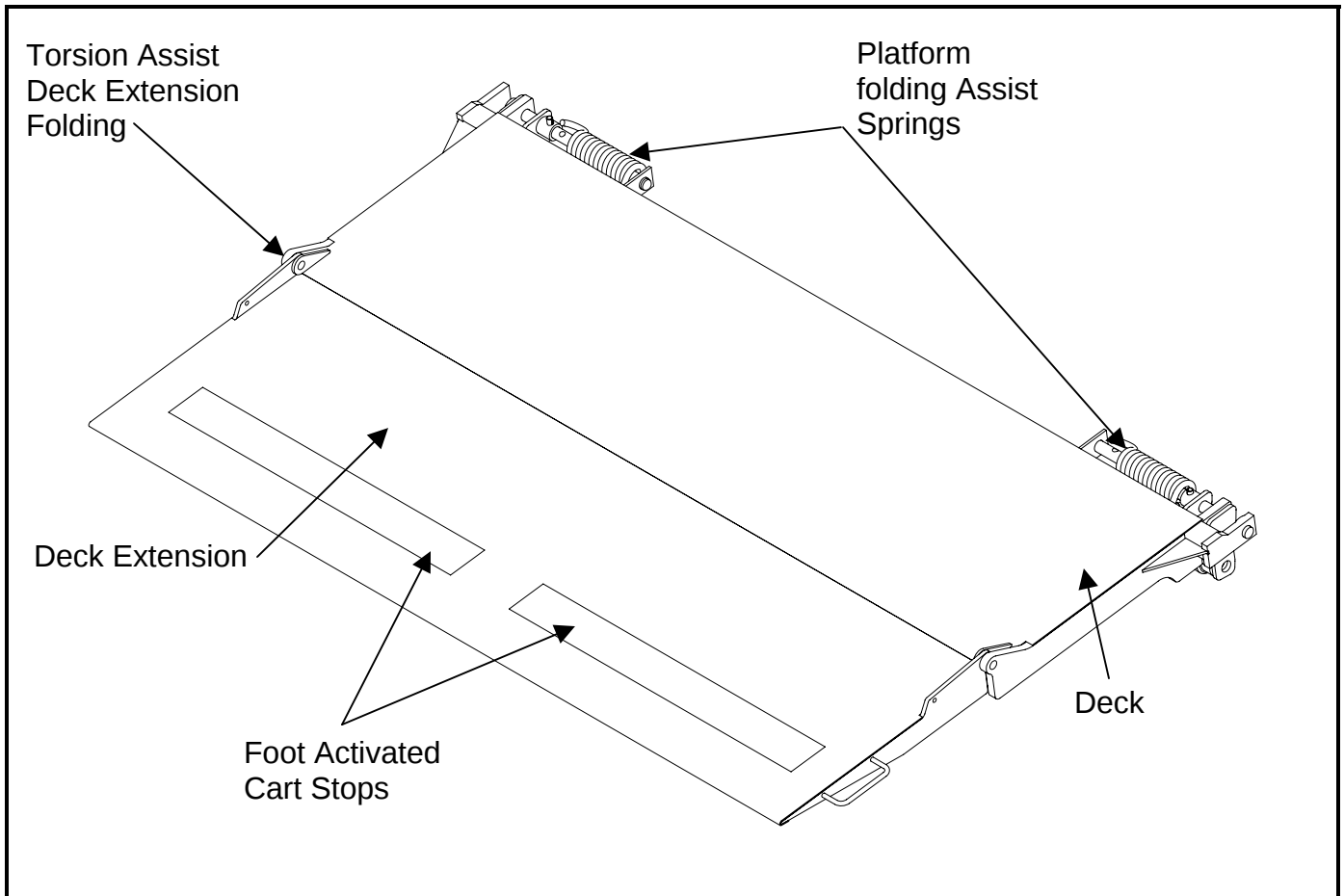
SERIAL NUMBER

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

DATE OF MANUFACTURE

Month/Year

MPF-SERIES PLATFORM ASSEMBLY



Common Features

- Wide arm design
- Platforms are 48" Deep x 80" Wide
- Platform folding assist springs
- Reduced Maintenance Design (No Grease required)
- Foot Activated Split Cart Stops (Optional)
- Available in two Lifting Capacities:
MPF-25 – 2500 lb.
MPF-33 – 3300 lb.
- Torsion assisted Deck Extension folding

Capacity decal

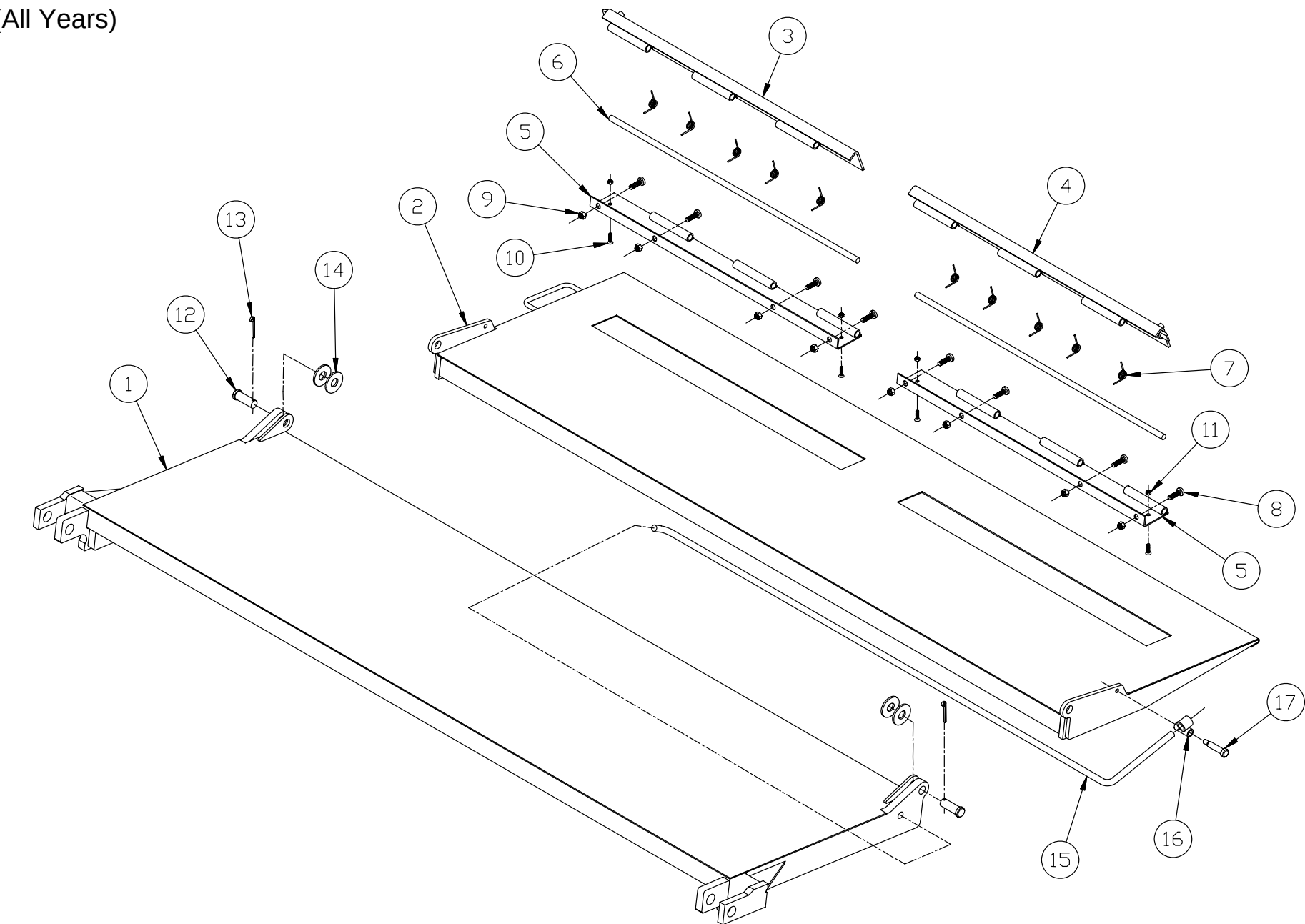
MPF-25 – 2500 Pounds
MPF-33 – 3300 Pounds

PM-560 (Built from 4-02)

Rev. 01 4/05

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

PLATFORM ASSEMBLY
 (All Years)



WALTCO
 TRUCK EQUIPMENT CO.
 MPF SERIES

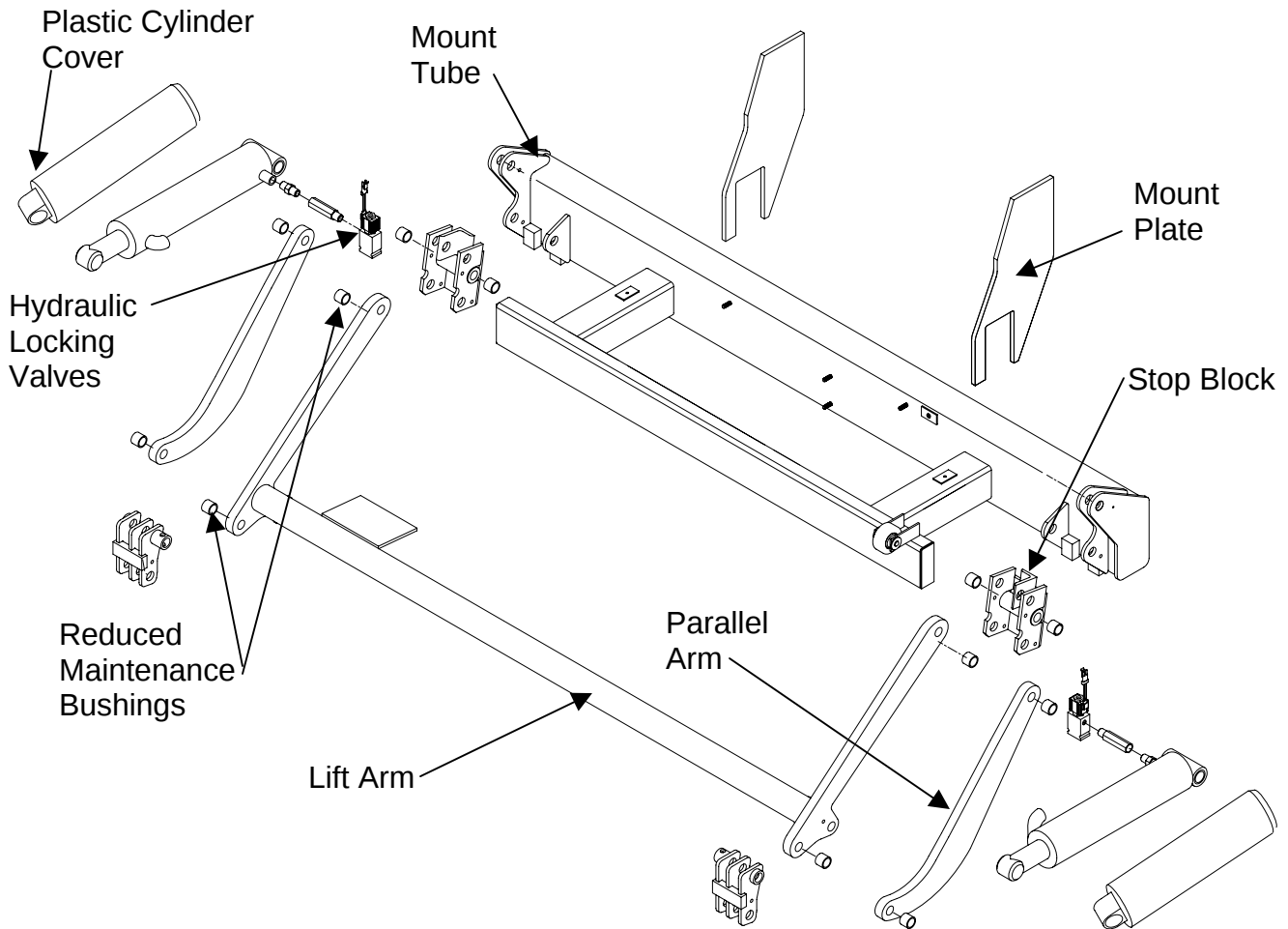
REVISED: 1-14-05
 E.O. 5337K
 REV. 02

PM-560

ITEM	PART NUMBER	QTY	DESCRIPTION
1	23311000	1	Main Platform
2	23313000	1	Platform Extension
	23313004		Platform Extension with Cart Stops
3	23341501 ^A	1	Stop Assembly, Curb Side
4	23341551 ^B	1	Stop Assembly, Driver's Side
5	23341001 ^{AB}	2	Cart Stop Base Assembly
6	23341201 ^{AB}	2	Cart Stop Hinge Rod
7	14241601 ^{AB}	10	Torsion Spring
8	75086857	8	Bolt, 3/8-UNRC x 1" lg.
9	75085193	8	Flexloc Nut, 3/8-16
10	75086000	4	Bolt, 1/4-UNRC x 5/8" lg.
11	75085175	4	Nylon Insert Lock Nut, 1/4-20
12	23313500 ^C	2	Hinge Pin
13	75084055 ^C	2	Cotter Pin
14	75088058 ^C	4	Washer, 3/4"
15	23317100 ^D	1	Torsion Bar
16	23317300 ^D	1	Torsion Bar Pivot Assembly
17	75087574 ^D	1	Shoulder Screw, 3/8"

^A Included in Curb Side Stop Assembly Complete 23340001
^B Included in Driver's Side Stop Assembly Complete 23340051
^C Included in Pin Replacement Kit 80000964
 and in Pin and Bearing Replacement Kit 80000966
^D Included in Torsion Bar replacement Kit 80000968

MPF-SERIES MOUNT ASSEMBLY



Common Features

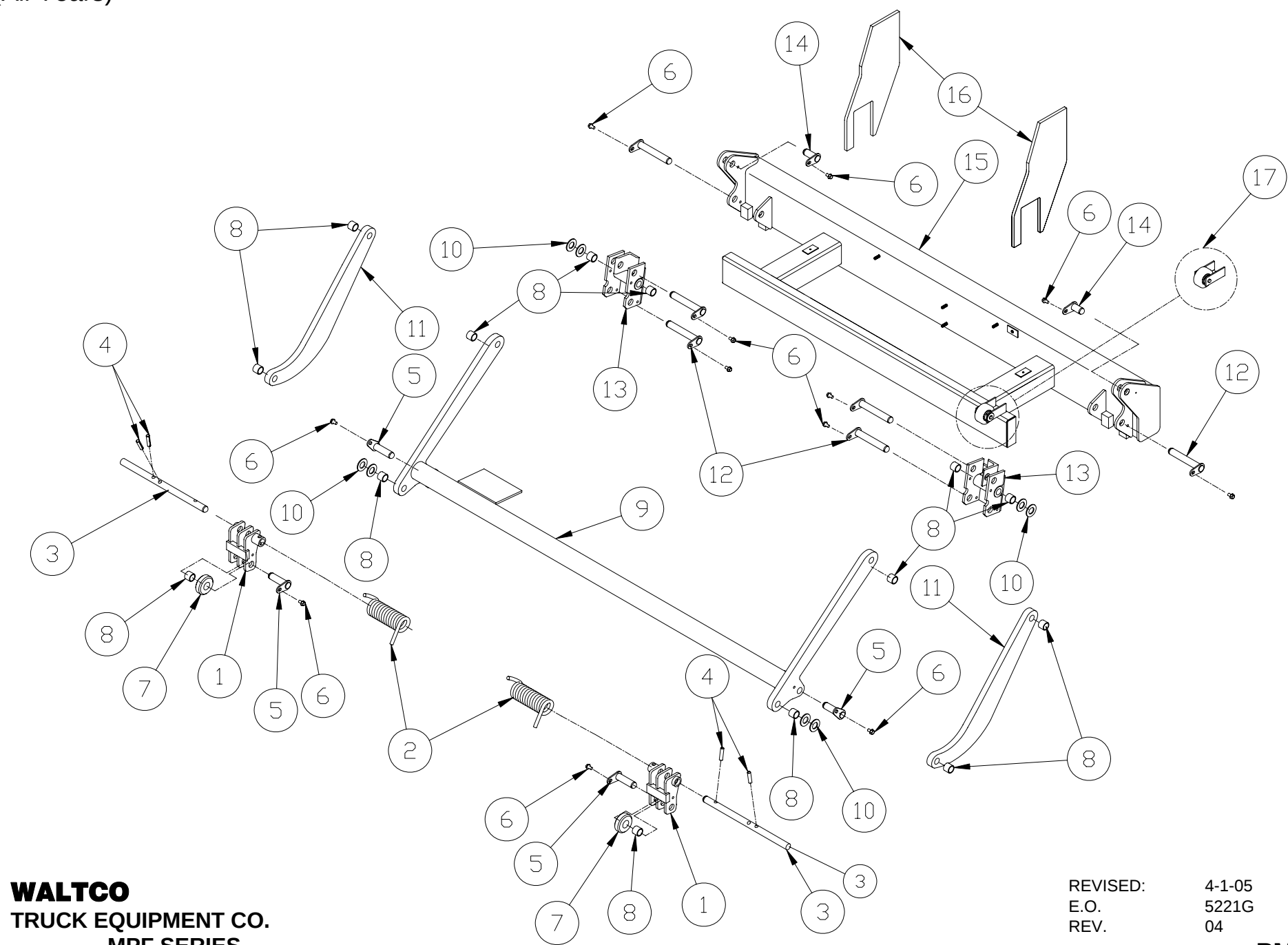
- Wide arm design
- Two Cylinders
- Spec tag on cylinder clevis
- Rectangular Mount Tube
- Round lift tube
- Stop Blocks
- Reduced Maintenance Design (No Grease required)
- Hydraulic Locking Valves at Cylinders
- Available in two Lifting Capacities:
MPF-25 – 2500 lb.
MPF-33 – 3300 lb.
- Torsion assisted Deck Extension folding

PM-561 (Built from 4-02)

Rev. 01 4/05

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

MOUNT FRAME ASSEMBLY
(All Years)



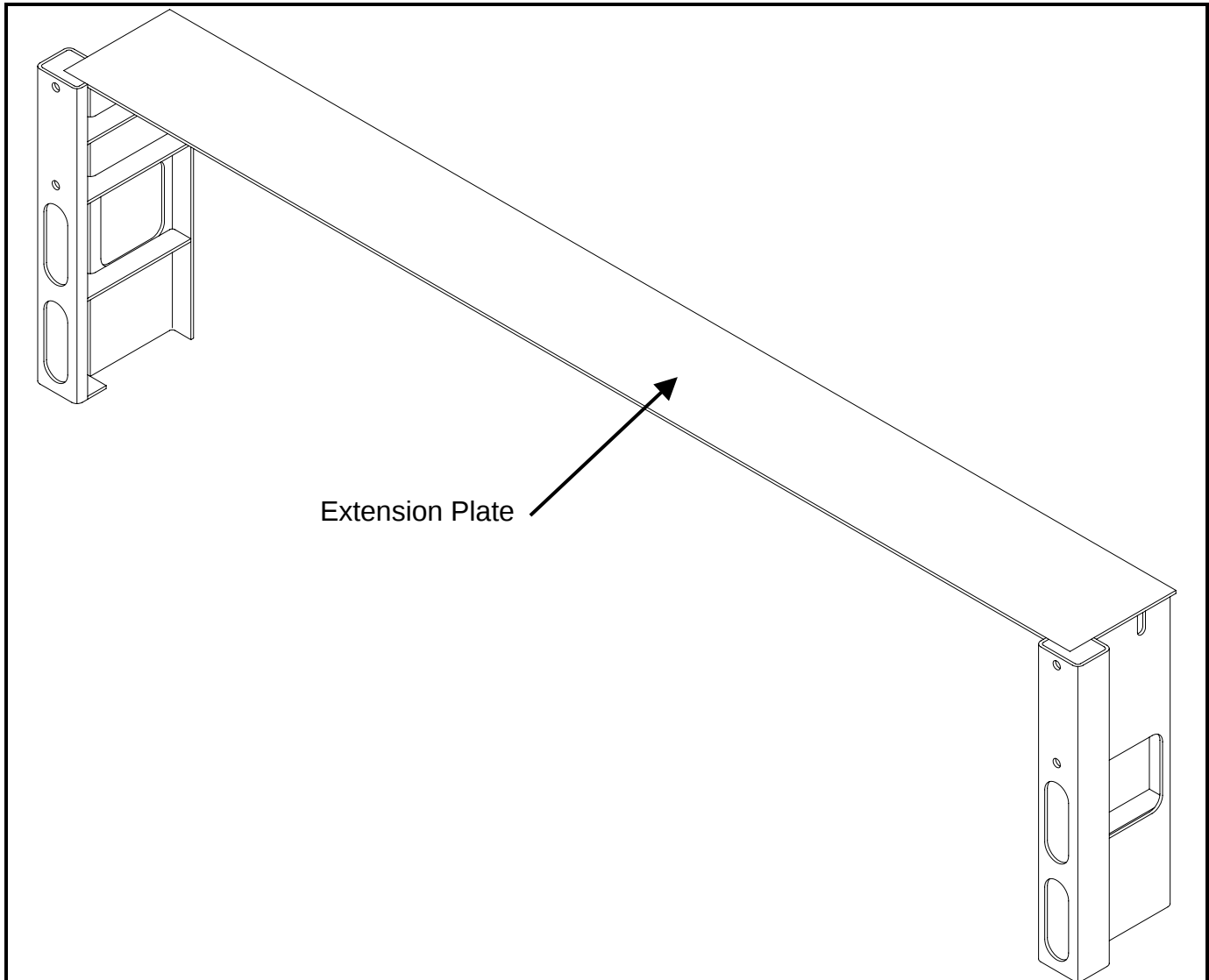
WALTCO
TRUCK EQUIPMENT CO.
MPF SERIES

PM-561

ITEM	PART NUMBER	QTY	DESCRIPTION
1	23356000	1	Hinge Assembly, Curb Side
	23356050	1	Hinge Assembly, Driver Side
2	21514301	2	Torsion Spring
3	23312100 ^{A,C}	2	Platform Main Pin
4	75089542 ^{A,B,C}	4	Coiled Pin, ½" X 2"
5	23370300 ^{A,C}	4	Pivot Pin, 1" X 3-15/16"
6	75086846 ^{A,B,C}	12	Screw, 3/8-16 Thread Rolling
7	23319900	2	Roller Assembly (Incl. Bearing)
8	85803391 ^{B,C}	14	Bearing
9	23330000	1	Liftarm Assembly
10	75088061	8	Washer, 1"
11	23350000	2	Parallel Arm Assembly
12	23370600 ^{A,C}	6	Pivot Pin, 1" X 6-1/2"
13	23360000	1	Stop Block Assembly, Curb Side
	23360050	1	Stop Block Assembly, Driver Side
14	23370800 ^{A,C}	2	Pivot Pin, 1" X 2-3/4"
15	23320000	1	Mount Tube Assembly
16	23370190	2	Mount Plate
17	80000967	1	Kit, Parting Roller Replacement

- ^A Included in Pin Replacement Kit 80000964
^B Included in Bearing Replacement Kit 80000965
^C Included in Pin and Bearing Replacement Kit 80000966

MPF-SERIES BED EXTENSION ASSEMBLY



Common Features

- 10" deep extension plate
- 94" or 98" wide extension plate (for 96" or 102" wide vehicles)

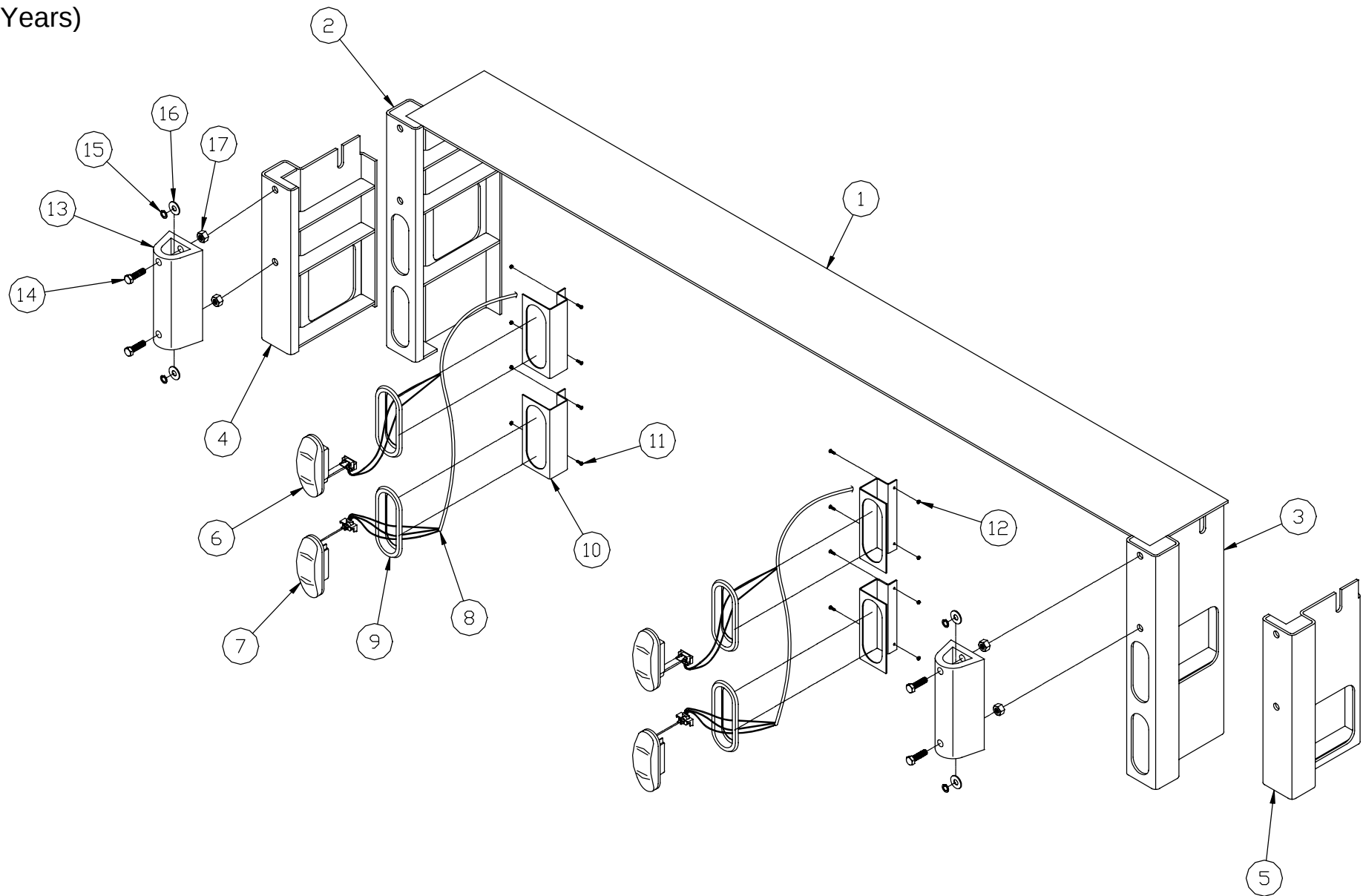
PM-562
Built from 4-02

Electric Controls Only

Rev. 01 4/05

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

BED EXTENSION AND LIGHT KIT OPTION
(All Years)



WALTCO
TRUCK EQUIPMENT CO.
MPF SERIES

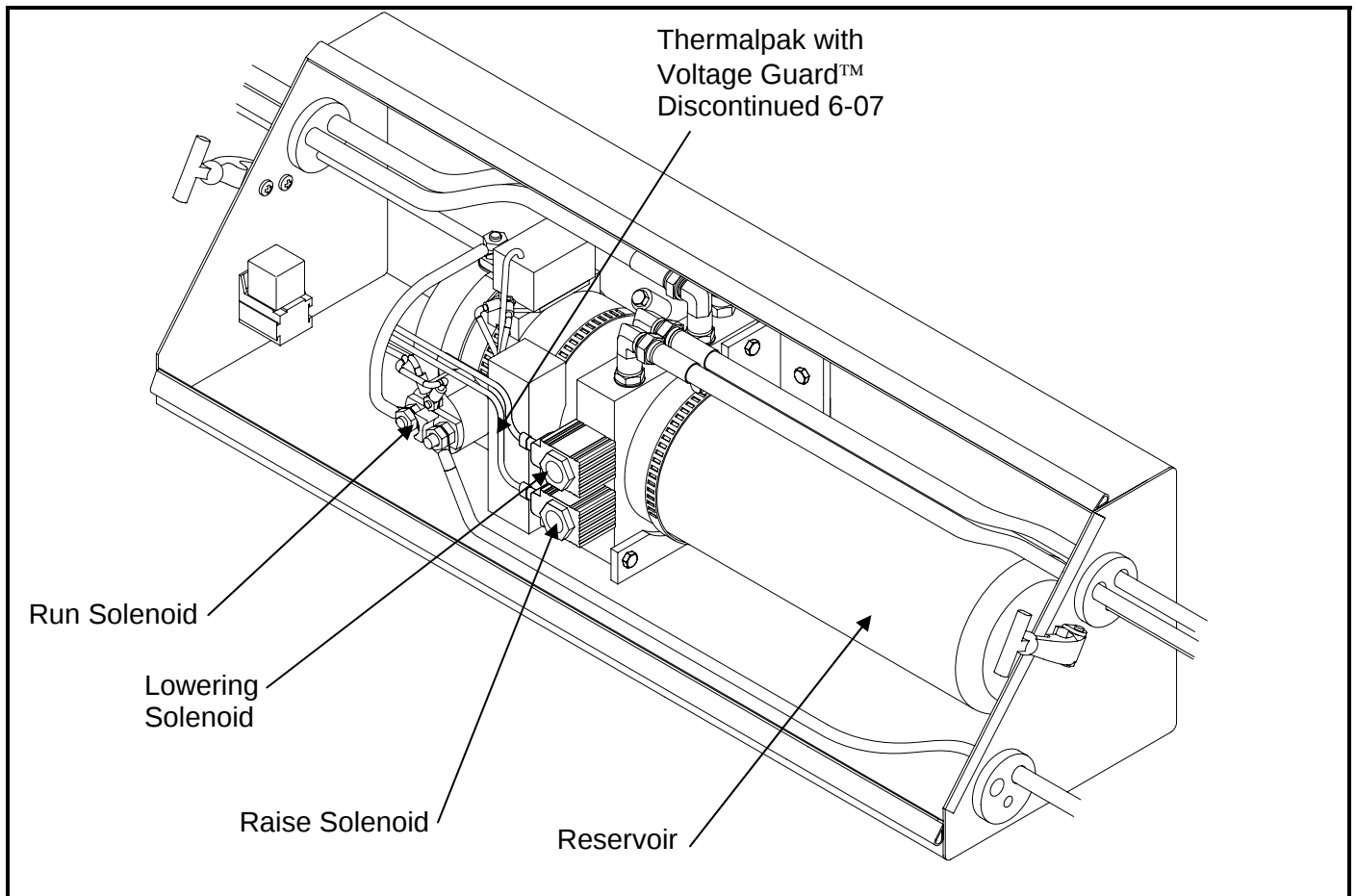
REVISED: 1-14-05
E.O. 5337K
REV. 02

PM-562

ITEM	PART NUMBER	QTY	DESCRIPTION
1	22561101 ^D	1	Bed Extension Complete, 96" appl.
	22561102 ^D		Bed Extension Complete, 102" appl.
2	22597051 ^A	1	Dock Bumper, L.H. For Lights(Optional)
3	22597001 ^A	1	Dock Bumper, R.H. For Lights (Option)
4	22597052 ^B	1	Dock Bumper, L.H. (Option)
5	22597002 ^B	1	Dock Bumper, R.H. (Option)
6	75089374 ^A	2	Backup Light (Option)
7	75089373 ^A	2	Tail Light ST &T (Option)
8	22575200 ^A	2	Harness, 2 Lamps (Option)
9	75089376 ^A	4	Light Grommet (Option)
10	22597102 ^A	4	Tail Light Bracket (Option)
11	75086732 ^A	8	Machine Screw, #10-32 x 1" lg. (Option)
12	75085000 ^A	8	Hex Nut, #10-32 (Option)
13	26297600 ^C	2	Rubber Bumper (Option)
14	26297600 ^C	4	Hex Bolt, 5/8"-11 x 2" lg. (Option)
15	75088085 ^C	4	Lock Washer 5/8" (Option)
16	75088057 ^C	4	Washer 5/8" (Option)
17	75085012 ^C	4	Hex Nut, 5/8"-11 (Option)

^A Included in Heavy Duty Dock Bumper W/4 Lamp Light Kit No. 22596001
^B Included in Heavy Duty Dock Bumper Light Kit No. 22596002
^C Included in Rubber Bumper Kit No. 22596011
^D Bed Extension Installation Kit No. 80001088 required for mounting.

MPF-SERIES Hydraulic & Electrical Components



MPF-25, 33 Electric Control Power Down

Common Features

- Monarch power units with ThermalPak® decal
- Electric controls
- "LPF" Series reduced maintenance cylinder
- Raise Pressure set at 2900 psi
- Down pressure set at 1300 psi
- Pump mounted in metal enclosure on center of mount assembly
- Thermalpak discontinued 6-07
- Added Thermal Protection to all pumps 6-07

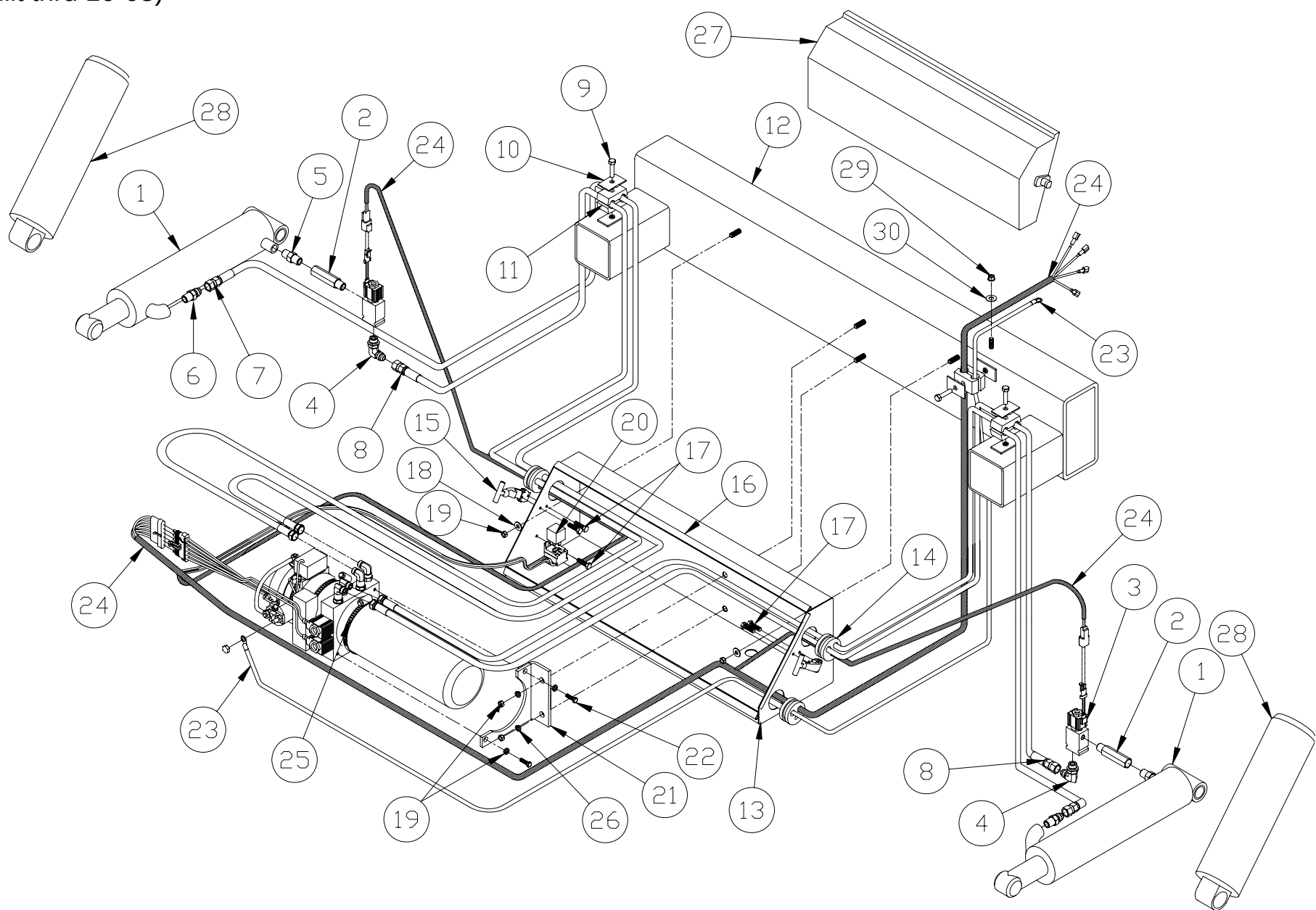
MPF-25, 33

Hydraulic & Electrical Layout	PM-563 (built thru 10-08) PM-563A (built from 10-08)
Electrical Controls	PM-564 (built thru 10-08) PM-564A (built from 10-08)
Pump	PM-678
Cylinder	PM-274

Rev. 02 8/09

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

MPF HYDRAULIC & ELECTRIC LAYOUT
(Built thru 10-08)



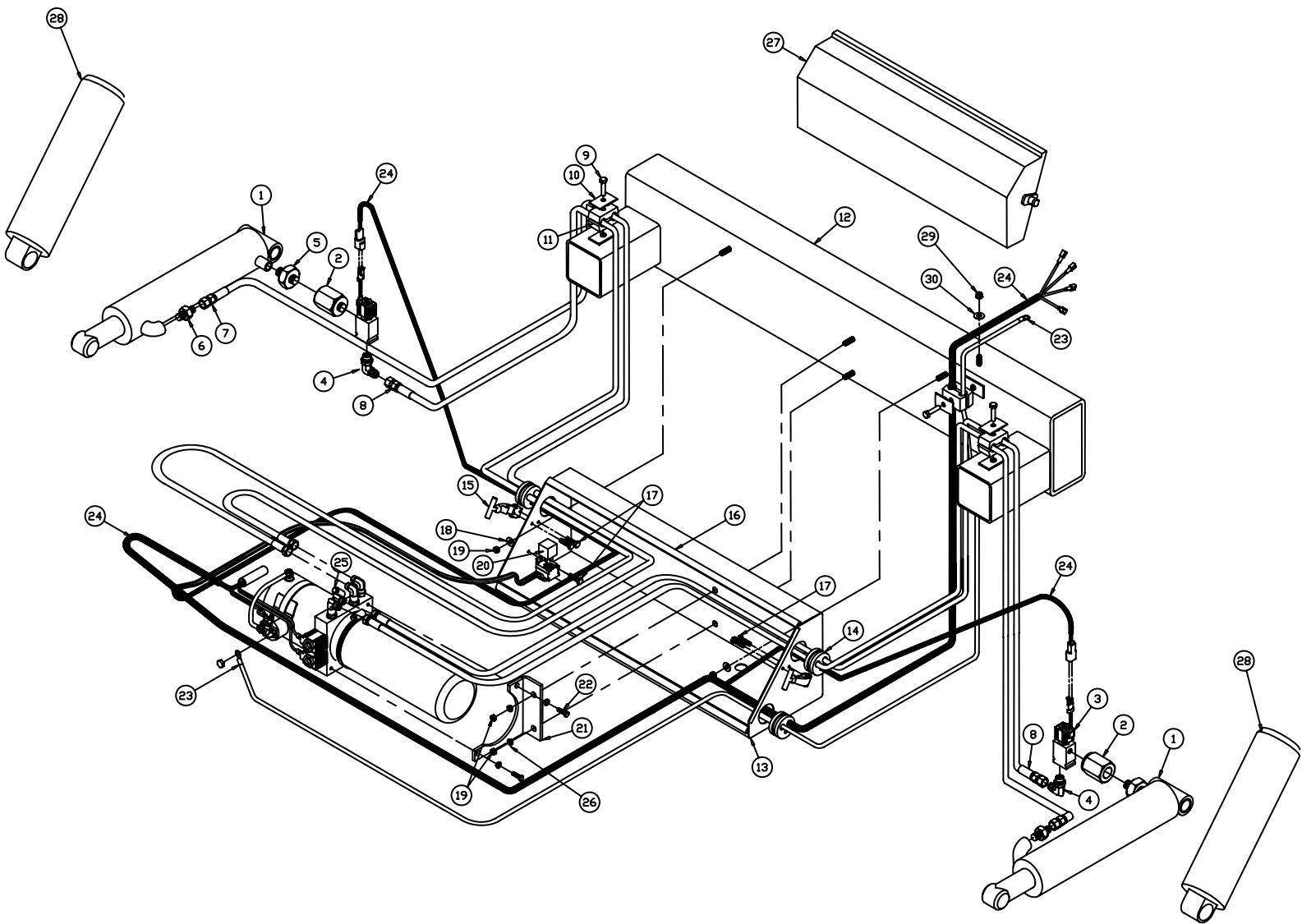
WALTCO
TRUCK EQUIPMENT CO.
MPF SERIES

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

PM-563

ITEM	PART NUMBER	QTY	DESCRIPTION
1	22580050	2	Hydraulic Cylinder
2	70160148	2	Velocity Fuse
3	23375100	2	Locking Valve Assembly
4	75082869	2	90° Elbow, 9/16 Flare x 9/16 O-Ring
5	75082614	2	Nipple, ¼" X ¼"
6	75083039	2	Adapter, ¼" NPT to 9/16" Flare
7	75083301	2	52" Hose Assembly, ¼" Flare Ends
8	75083302	2	48" Hose Assembly, 3/8" Flare Ends
9	75083314	3	Bolt, 5/16"-18 X 1-3/8"
10	75083313	3	Cover Plate
11	75083315	3	Twin Hose Clamp
12	23320000	1	Mount Tube Assembly
13	23323001	1	Base, Pump Enclosure
14	75089351	3	3-Way Grommet
15	75089735	2	Rubber Draw Latch
16	82021054	6.4'	Seal, Pump Box Cover
17	75086849	5	Screw, 10-24 X ½" Self Tapping
18	75088067	2	Washer, ½" X 1-1/16" O.D.
19	75085096	4	Hex Nut, 3/8"-16
20	85803921	1	Relay
21	23324201	1	Bracket, Pump Mounting
22	75086059	2	Hex Screw, 3/8"-16 X 1-1/4"
23	10195630	1	Battery Cable Assembly, 30'
24	23376001	1	Control Harness
25	70423300	1	Pump
26	75088081	4	Lock Washer, 3/8"
27	23323103	1	Cover, Pump Enclosure
28	22580055	2	Cylinder Cover
29	75085005	1	Nut, 3/8-16 Serrated
30	75088052	1	Washer, 5/16

MPF HYDRAULIC & ELECTRIC LAYOUT
(Built from 10-08)



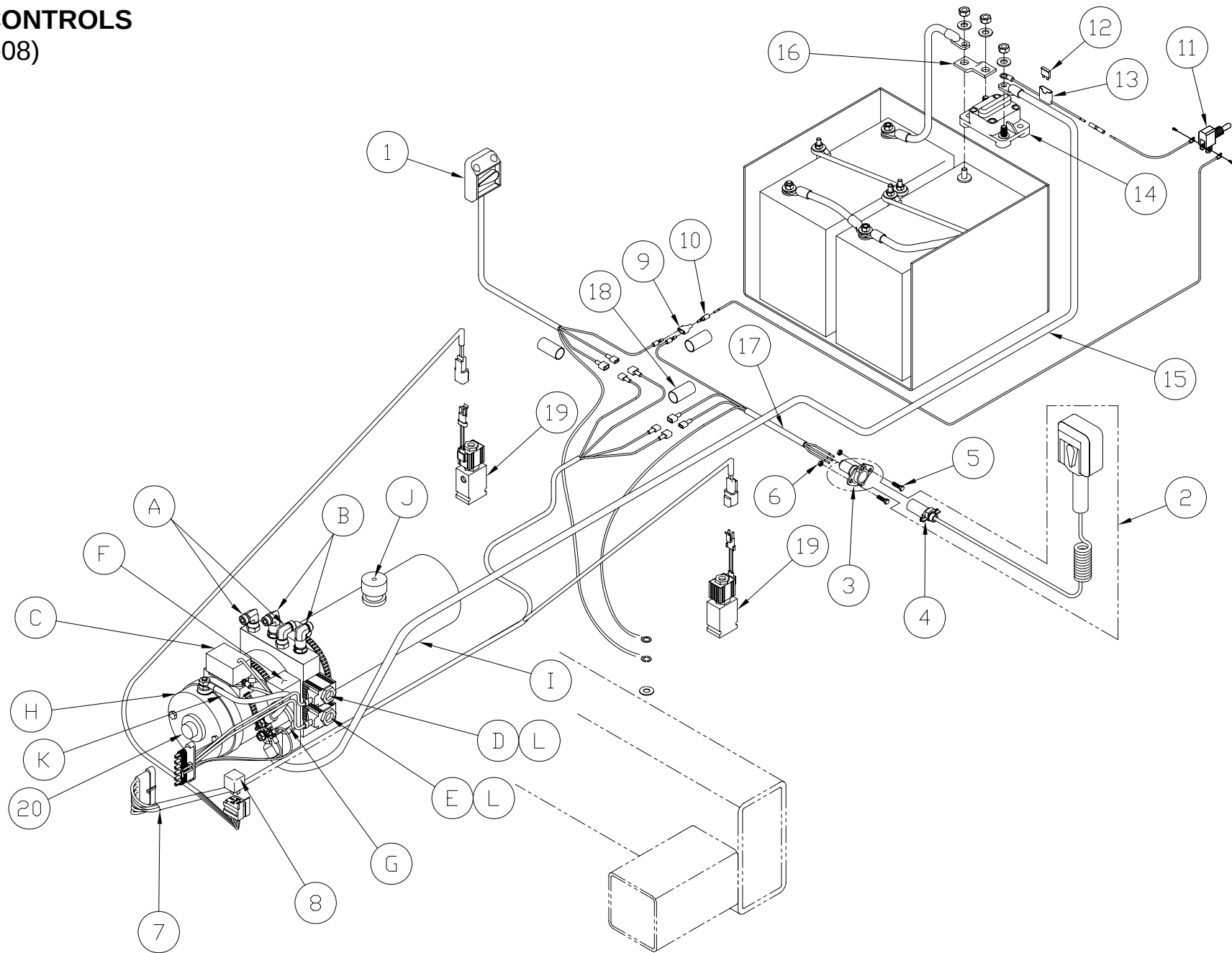
WALTCO LIFT CORP.
MPF

REVISED: 10-1-08
E.O. 6076B
REV. 01

PM-563A

ITEM	PART NUMBER	QTY	DESCRIPTION
1	22580050	2	Hydraulic Cylinder
2	70160148	2	Velocity Fuse
3	23375100	2	Locking Valve Assembly
4	75082869	2	90° Elbow, 9/16 Flare x 9/16 O-Ring
5	75082614	2	Nipple, ¼" X ¼"
6	75083039	2	Adapter, ¼" NPT to 9/16" Flare
7	75083301	2	52" Hose Assembly, ¼" Flare Ends
8	75083302	2	48" Hose Assembly, 3/8" Flare Ends
9	75083314	3	Bolt, 5/16"-18 X 1-3/8"
10	75083313	3	Cover Plate
11	75083315	3	Twin Hose Clamp
12	23320000	1	Mount Tube Assembly
13	23323001	1	Base, Pump Enclosure
14	75089351	3	3-Way Grommet
15	75089735	2	Rubber Draw Latch
16	82021054	6.4'	Seal, Pump Box Cover
17	75086849	5	Screw, 10-24 X ½" Self Tapping
18	75088067	2	Washer, ½" X 1-1/16" O.D.
19	75085096	4	Hex Nut, 3/8"-16
20	85803921	1	Relay
21	23324201	1	Bracket, Pump Mounting
22	75086059	2	Hex Screw, 3/8"-16 X 1-1/4"
23	10195630	1	Battery Cable Assembly, 30'
24	23376001	1	Control Harness
25	70430440	1	Pump
26	75088081	4	Lock Washer, 3/8"
27	23323103	1	Cover, Pump Enclosure
28	22580055	2	Cylinder Cover
29	75085005	1	Nut, 3/8-16 Serrated
30	75088052	1	Washer, 5/16

ELECTRIC CONTROLS
(Built thru 10-08)



WALTCO
TRUCK EQUIPMENT CO.
MPF SERIES

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

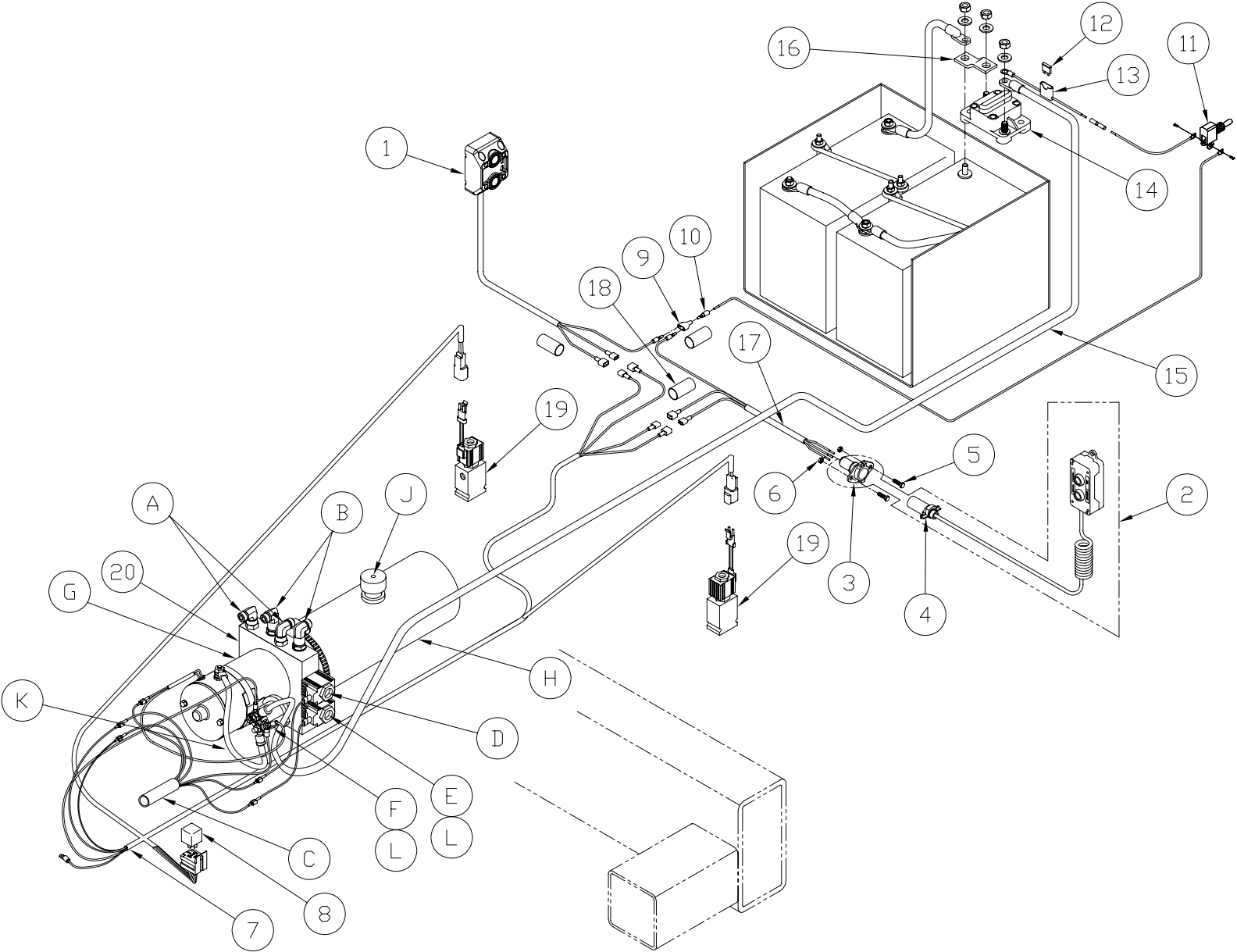
PM-564

ITEM	PART NUMBER	QTY	DESCRIPTION
1	10099322	1	Super Switch™
2	10099325	1	Super Switch™ (Hand Held Remote)
3	75082038	1	Trailer Socket
4	75082037	1	Trailer Plug
5	75086006	2	Hex Bolt, ¼-20 x 1" Long, Grade 2
6	75085001	2	Hex Nut, ¼-20, Serrated
7	23376001	1	Control Harness
8	85803921	1	Relay
9	75082012	1	Three-way Snap Plug Connector, Female
10	75082014	1	Snap Plug Connector, Male
11	75089807	1	Cab Shut-off Switch
12	75089853	1	Fuse, 5 amp
13	75089850	1	Fuse Holder
14	75089243	1	Circuit Breaker, 150 amp
15	10195630	1	Battery Cable, 2 ga.
16	10099500	1	Terminal Link
17	10098415	1	Control Cord
18	75088036	3	Heat-shrink Tube
19	23375100	2	Locking Valve Assembly
20	70423300	1	Pump Assembly
A	75083310 ^A	2	Elbow, 90°, ¼" JIC Flare
B	75083316 ^A	2	Long Elbow, 90°, 3/8" JIC Flare
C	10099303 ^A	1	Power Down Module
D	70092503 ^A	1	Valve Assembly, 2-way, 2 pos w/ Coil
E	70400014 ^A	1	Valve Assembly, 4-way, 2 pos w/ Coil
F	10099400 ^A	1	Thermalpak® with Voltage Guard™
G	75089833 ^A	1	Starter Solenoid
H	7043002-1 ^A	1	Pump Motor
I	70423301 ^A	1	Pump Reservoir
J	70091734 ^A	1	Breather
K	10195908 ^A	1	4 Ga. x 8" Battery Cable
L	70402303 ^A	2	Coil, 10V, 25A

^A Included in Pump Assembly [70423300](#)

ELECTRIC CONTROLS

(Built from 10-08)



WALTCO LIFT CORP.
MPF

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

PM-564A

ITEM	PART NUMBER	QTY	DESCRIPTION
1	10099322	1	Switch
2	10099325	1	Switch (Hand Held Remote)
3	75082038	1	Trailer Socket
4	75082037	1	Trailer Plug
5	75086006	2	Hex Bolt, ¼-20 x 1" Long, Grade 2
6	75085001	2	Hex Nut, ¼-20, Serrated
7	23376001	1	Control Harness
8	85803921	1	Relay
9	75082012	1	Three-way Snap Plug Connector, Female
10	75082014	1	Snap Plug Connector, Male
11	75089807	1	Cab Shut-off Switch
12	75089853	1	Fuse, 5 amp
13	75089850	1	Fuse Holder
14	75089243	1	Circuit Breaker, 150 amp
15	10195630	1	Battery Cable, 2 ga.
16	10099500	1	Terminal Link
17	10098415	1	Control Cord
18	75088036	3	Heat-shrink Tube
19	23375100	2	Locking Valve Assembly
20	70430440	1	Pump Assembly
A	75083310 ^A	2	Elbow, 90°, ¼" JIC Flare
B	75083316 ^A	2	Long Elbow, 90°, 3/8" JIC Flare
C	10099312 ^A	1	Power Down Module
D	70092503 ^A	1	Valve Assembly, 2-way, 2 pos w/ Coil
E	70400014 ^A	1	Valve Assembly, 4-way, 2 pos w/ Coil
F	75089833 ^A	1	Starter Solenoid
G	7043002-1 ^A	1	Pump Motor
H	70423301 ^A	1	Pump Reservoir
J	70091734 ^A	1	Breather
K	10195908 ^A	1	4 Ga. x 8" Battery Cable
L	70402303 ^A	2	Coil, 10V, 25A

^A Included in Pump Assembly 70430440



Schematics

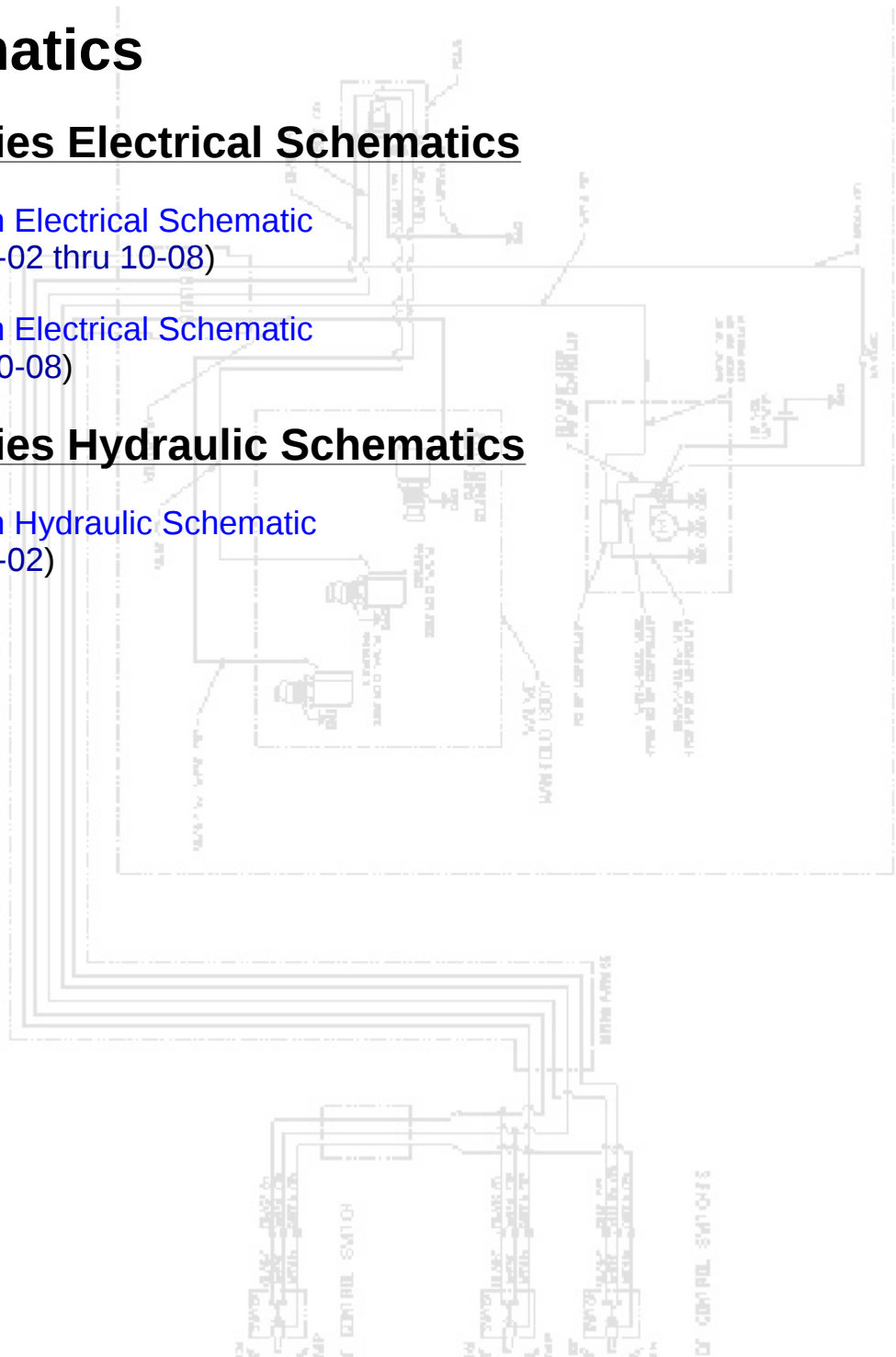
MPF Series Electrical Schematics

[Power Down Electrical Schematic](#)
(Built from 4-02 thru 10-08)

[Power Down Electrical Schematic](#)
(Built from 10-08)

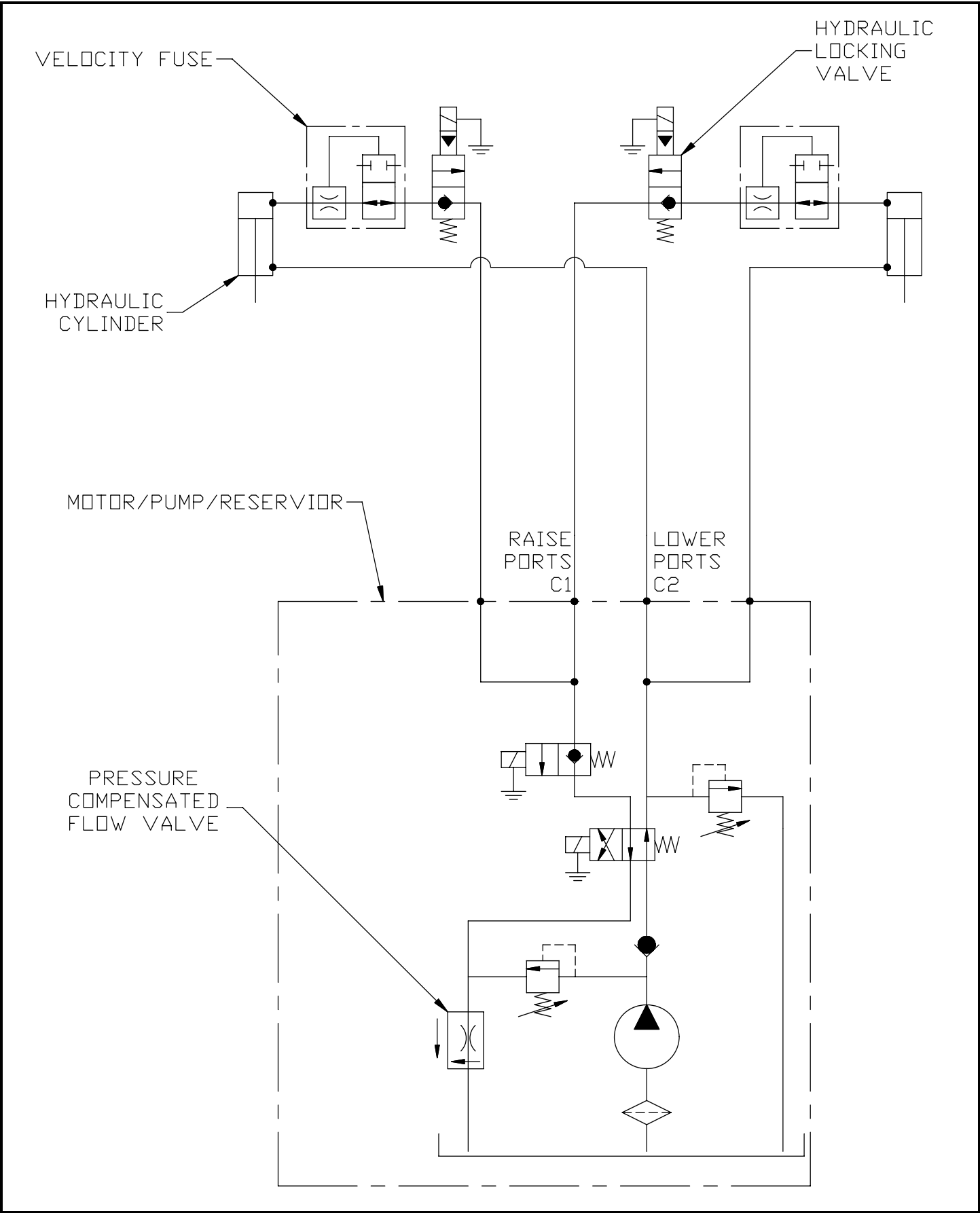
MPF Series Hydraulic Schematics

[Power Down Hydraulic Schematic](#)
(Built from 4-02)



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

MPF SERIES POWER DOWN HYDRAULIC SCHEMATIC – from 4-02



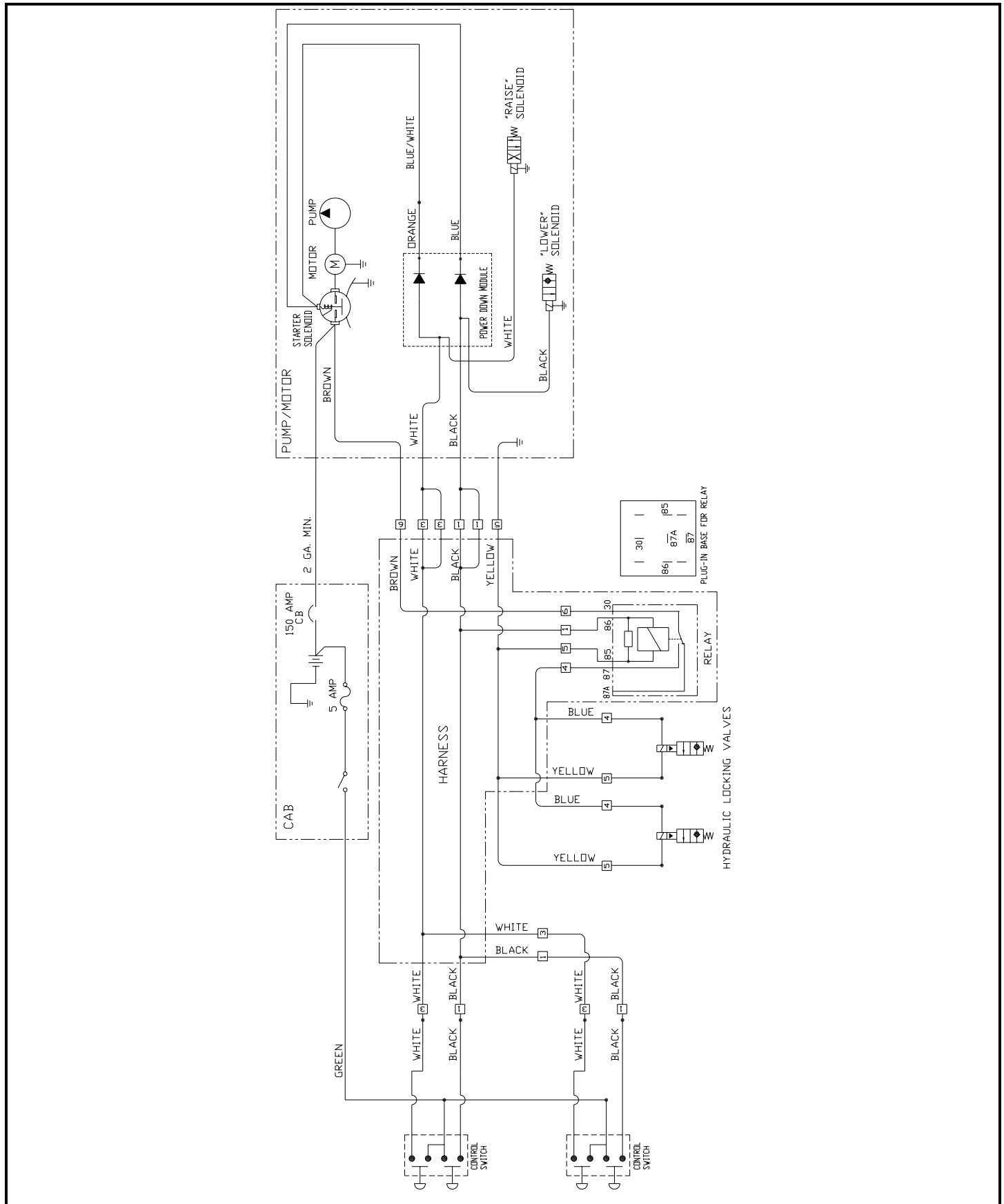
The diagram illustrates the electrical system for a remote switch socket. It shows the following components and connections:

- Control Switch:** A switch with terminals labeled 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100. It is connected to the harness via wires labeled WHITE, BLACK, GREEN, and RED.
- Harness:** A central component that routes signals between the control switch, pump/motor, relay, and valves. It has multiple terminals labeled with colors: WHITE, BLACK, GREEN, RED, BROWN, BLUE, YELLOW, ORANGE, and BLUE/WHITE.
- Pump/Motor:** A component with a MOTOR and PUMP. It is connected to the harness via wires labeled BROWN, WHITE, BLACK, and GREEN. It also has a STARTER SOLENOID and a POWER DOWN MODULE.
- Relay:** A component with terminals labeled 30, 86, 87, 85, 87A, and 87B. It is connected to the harness via wires labeled BLUE, YELLOW, and BLUE.
- Hydraulic Locking Valves:** Two valves connected to the relay via wires labeled BLUE and YELLOW.
- Other Components:** A 150 AMP CB (Circuit Breaker), a 5 AMP fuse, and a 2 GA. MIN. cable are shown at the top of the diagram.

NOTE: TERMINALS ARE MARKED

WIRING FOR REMOTE SWITCH SOCKET

MPF SERIES POWER DOWN ELECTRICAL SCHEMATIC – from 10-08



MPF-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

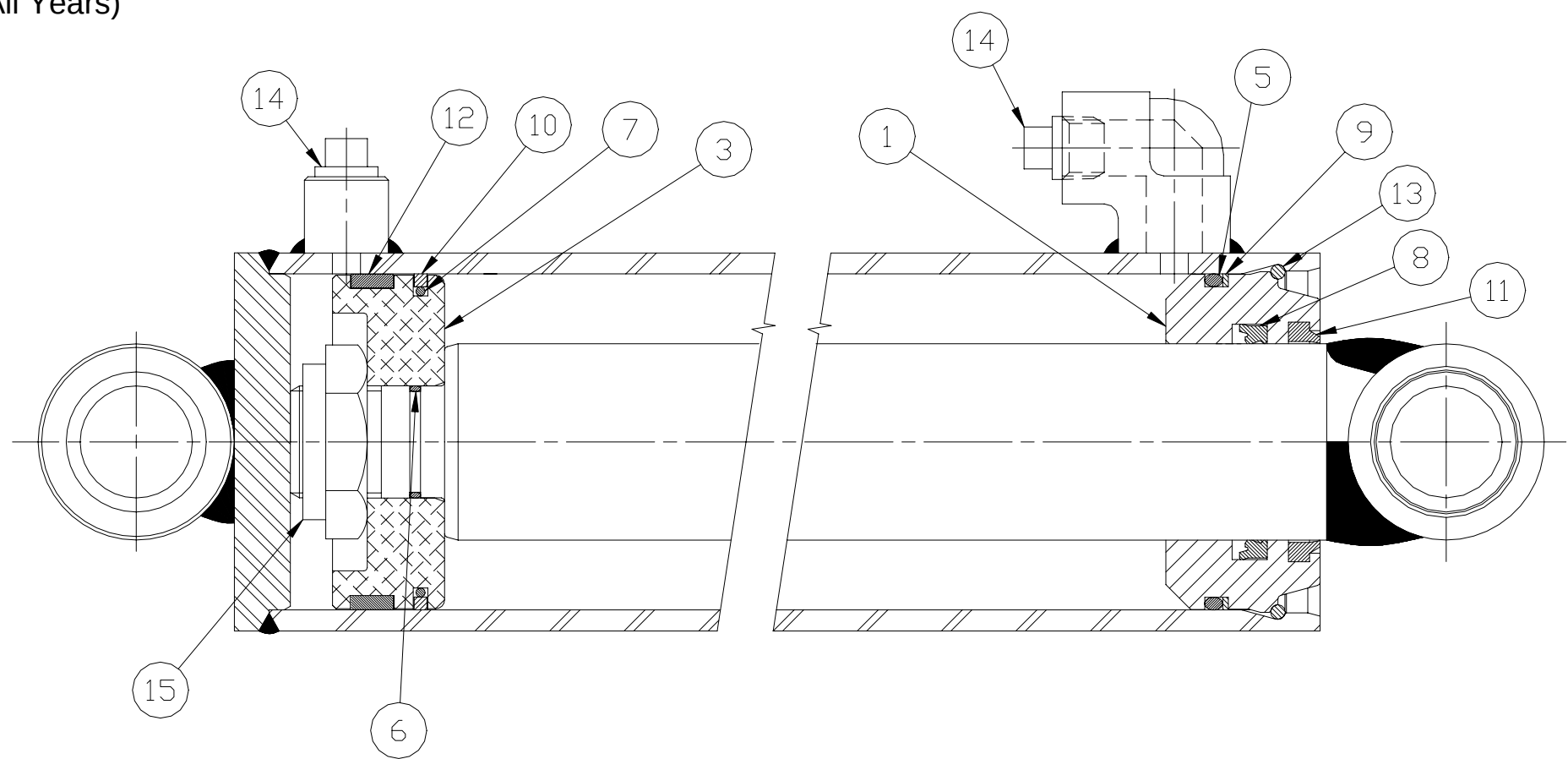
Part Number	Description	PM No.
22580050	Lift Cylinder	PM-274

HYDRAULIC PUMPS

Part Number	Description	Pump Mfr.	PM No.
70402300	Hydraulic Pump Assembly	Monarch	PM-678

HYDRAULIC PUMP – 70423300, 70430440 (All Years)

22580050
(All Years)



WALTCO
TRUCK EQUIPMENT CO.
22580050

REVISED: 2-25-00
E.O. 3443A
REV. 01

PM-274

ITEM	PART NUMBER	QTY	DESCRIPTION
1	11394-0200	1	Gland
2	11394-1000	1	Rod Assembly
3	11354-1500	1	Piston
4	11394-2000	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	4051	1	Retaining Ring
14	4179	2	Caplug
15	4416	1	Locknut

* Indicates parts included in repair kit number 11394-9500.

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

Example: 11394-XXXXX

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	