



1090 & MD 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.

1090 & MD Series

[Liftgate Terminology](#)

[Platform Assembly](#)

[Pumps & Hydraulic Components](#)

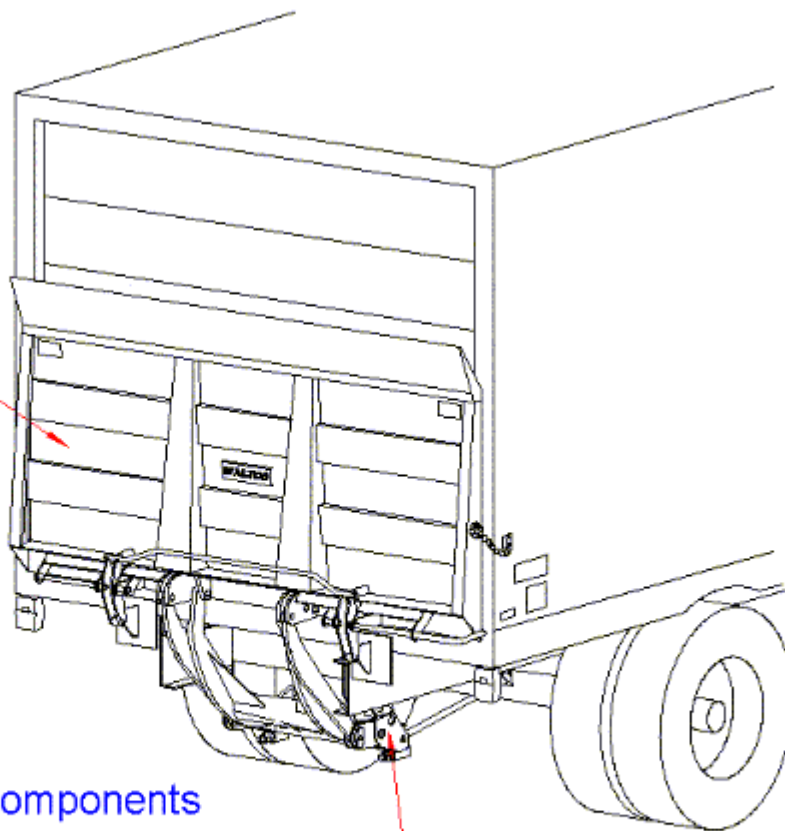
[Prior to 2/94](#)

[From 2/94](#)

[Cylinders](#)

[Tech Tips](#)

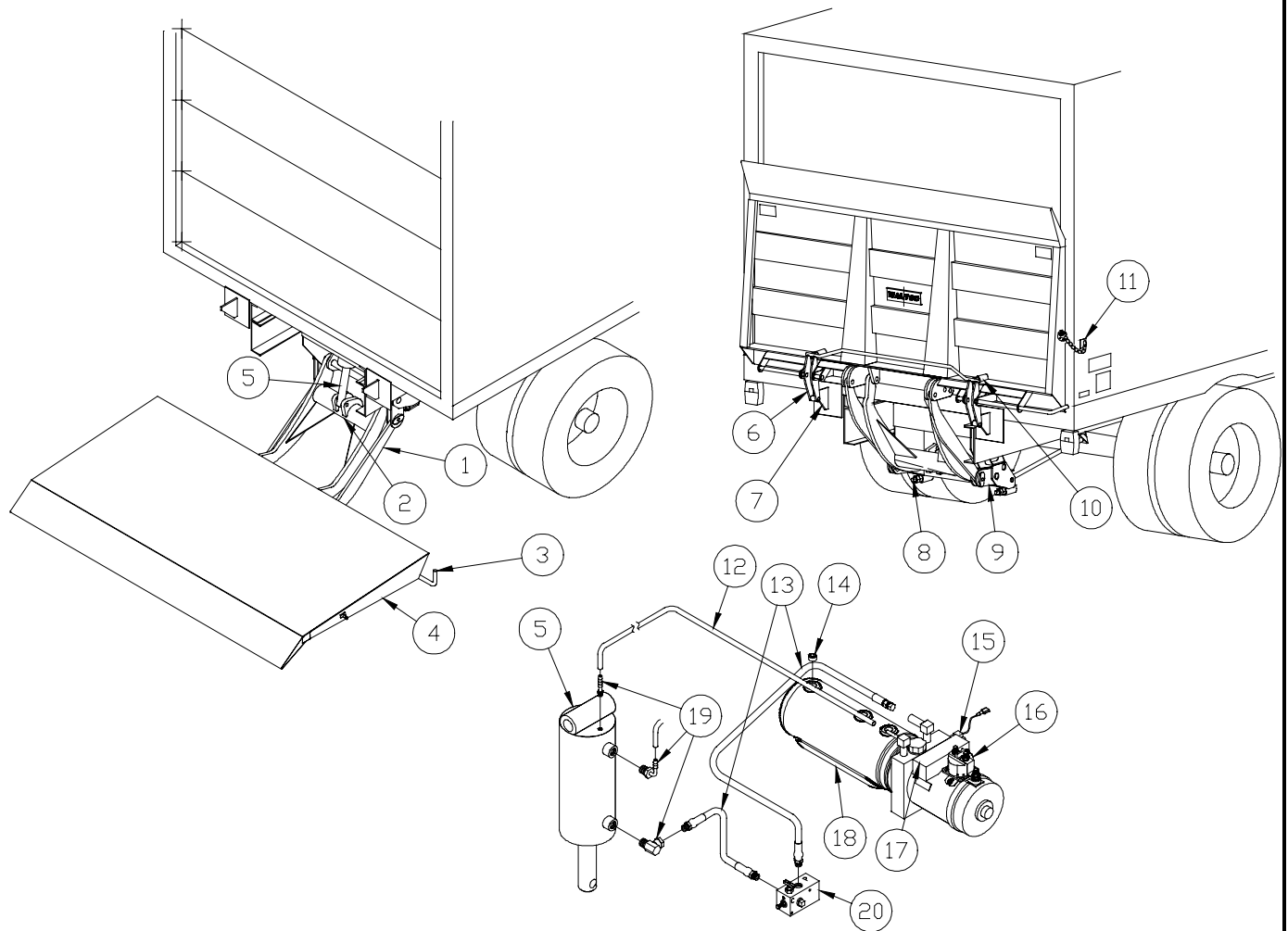
[Mount Assembly and Arms](#)



1090 Series Liftgate Terminology

1. Parallel Arm
2. Lift Arm
3. Closer Handle
4. Platform
5. Cylinder
6. Cam Follower
7. Cam
8. Stop Bolt
9. Mount Frame
10. Platform Adjust Bolts

11. Latch Chain
12. Return Line
13. Hose Assembly
14. Breather Plug
15. Lowering Solenoid
16. Motor Starting Solenoid
17. Motor Controller
18. Pump Reservoir
19. Hydraulic Fittings
20. 1400 Valve



GR00908

1090 Series Liftgate Terminology

Explanation of Specification Tag

Model No.	Model Name	Description	Capacity
102	1092	Conventional Lift	2000 lb.
103	1093	Conventional Lift	3000 lb.

IMPORTANT

Maximum Capacity based on a 48" deep platform (36" on 1092) with an equally distributed load. Larger platforms will be rated for less capacity-refer to the Capacity Diagrams below

MODEL NUMBER

RATED CAPACITY

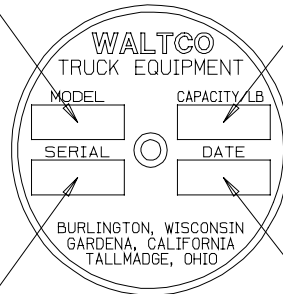
Based on an evenly distributed load on the platform flat surface.

SERIAL NUMBER

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

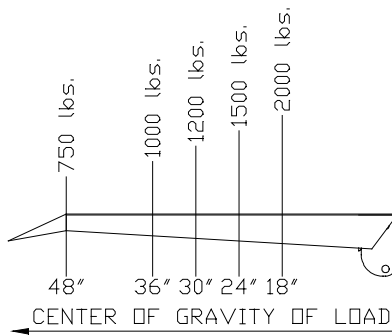
DATE OF MANUFACTURE

Month/Year



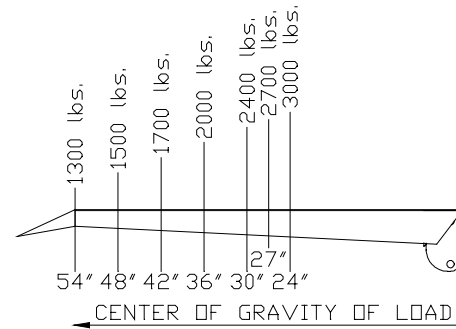
GR00241

MODEL 1092



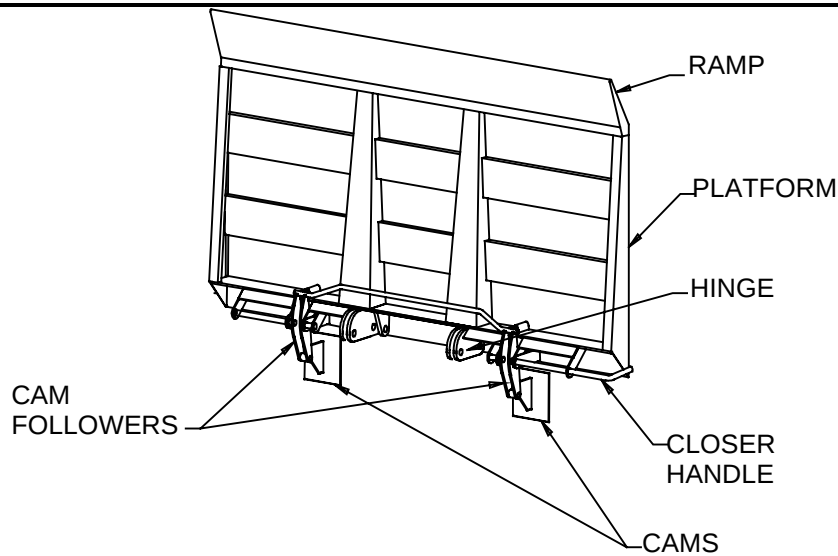
GR00840

MODEL 1093



GR00841

1090 SERIES PLATFORM ASSEMBLY



Common Features

- Size: 84", 90" wide
30", 36" 42", 48", 54", 60" & 72" Deep
(60" and 72" deep no longer available after 7-04)
- Closure assembly
- Cam closure
- Pins with snap rings
- Grease fitting on lift and parallel arm pins

PM-1A

PM-1B (Built thru 7-04)

PM-640 (Built after 7-04)

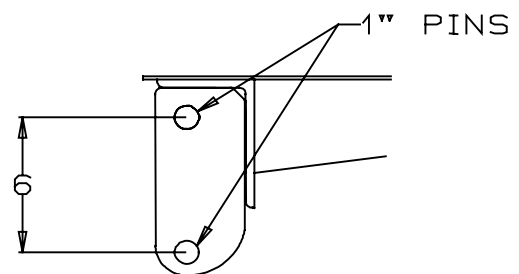
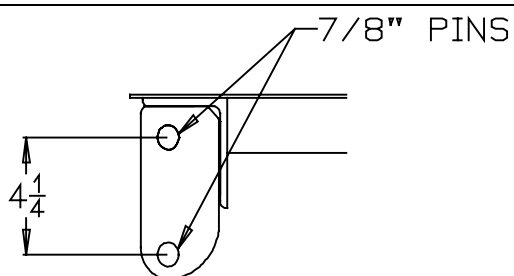
30", 36" deep

4-1/4" hinge

42", 48", 54", 60", 72" deep

6" hinge

Hinge



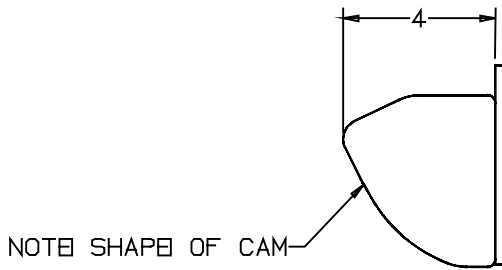
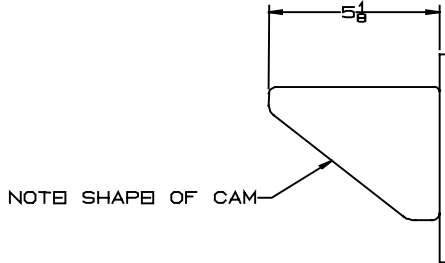
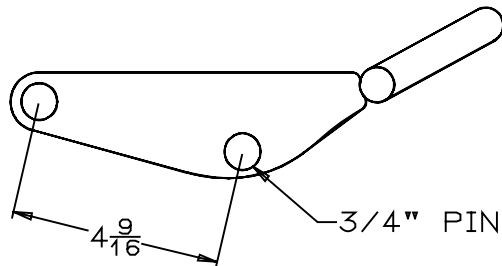
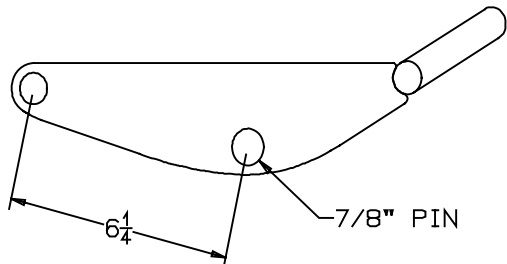
d

80101071 Rev. 03 6/04

continued

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

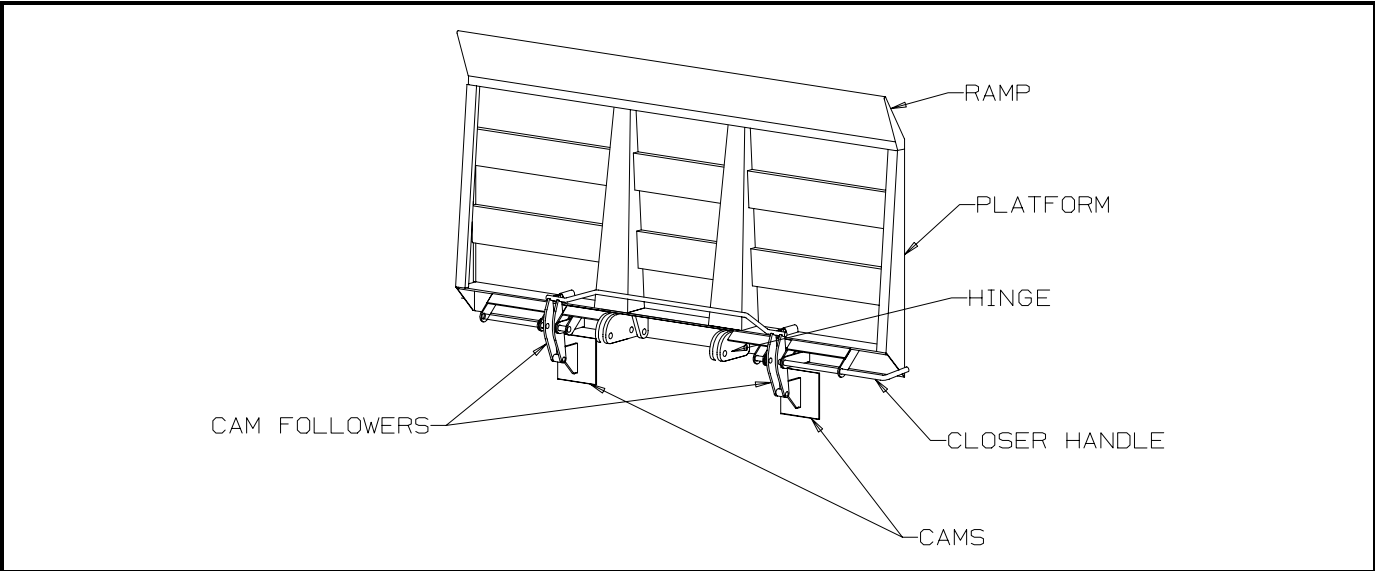
1090-SERIES PLATFORM ASSEMBLY

30, 36" deep 4-1/4" hinge		42, 48, 54, 60, 72" deep 6" hinge	
Cam	 NOTE SHAPE OF CAM	 NOTE SHAPE OF CAM	
Cam Follower	 4 $\frac{9}{16}$ 3/4" PIN	 6 $\frac{1}{4}$ 7/8" PIN	

80101071 Rev. 03 6/04

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

MD-SERIES PLATFORM ASSEMBLY



Common Features

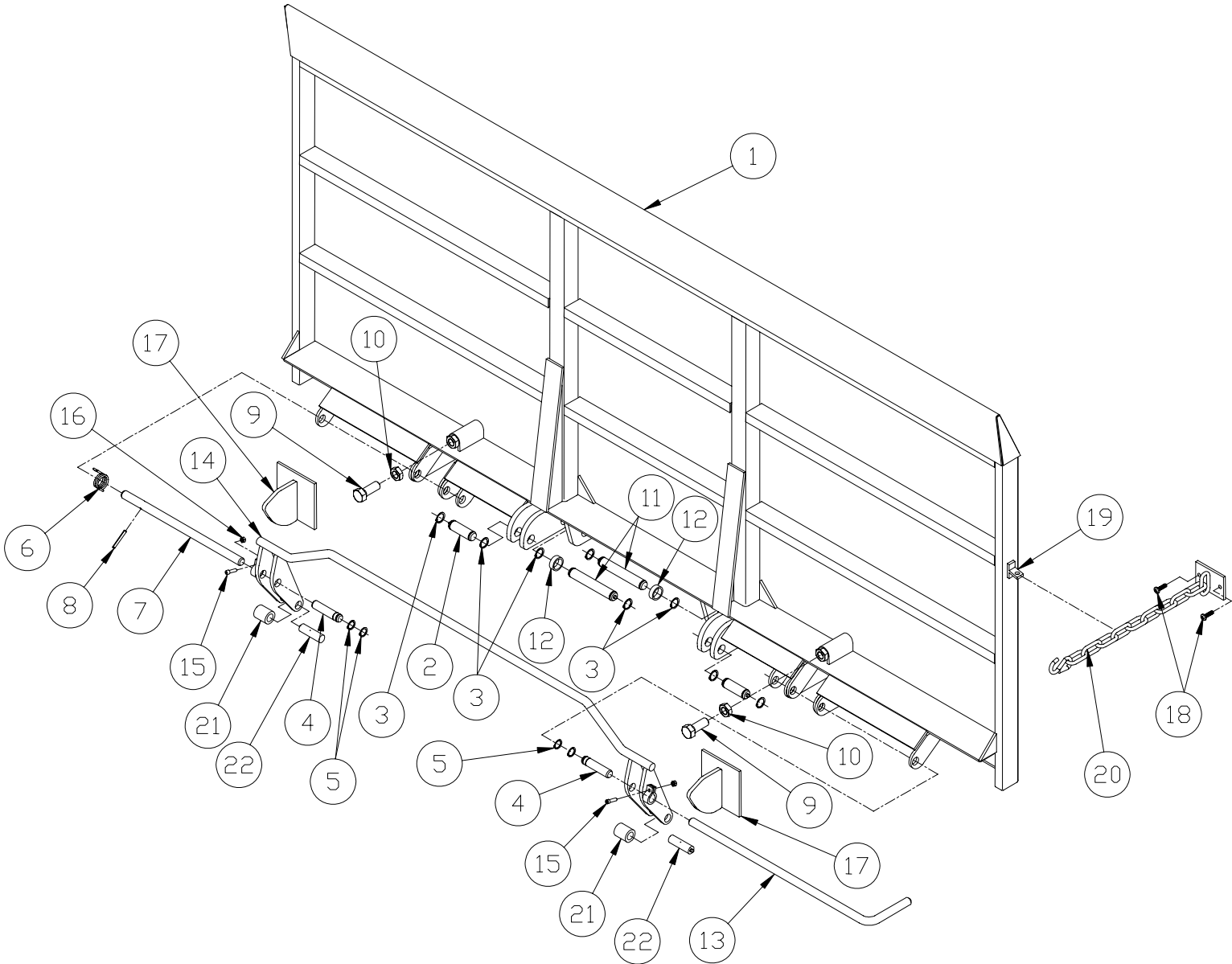
- Size: 30" x 84" or 90" + 6"
36" x 84" or 90" + 6"
- Closure assembly
- Cam closure
- Pins with snap rings
- Grease fitting on lift and parallel arm pins

PM-1A		
30", 36" deep 4-1/4" hinge		
Hinge	Cam	Cam Follower
7/8" PINS 4 1/4"	NOTE SHAPE OF CAM 4"	3/4" PIN 4 9/16"

80101074 Rev. 02 6/04

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

PLATFORM ASSEMBLY (4-1/4" HINGE)
 (All Years)



WALTCO
 TRUCK EQUIPMENT CO.
 1090 Series (4-1/4" Hinge)

REVISED: 6-4-04
 E.O. 4347
 REV. 05

PM-1A

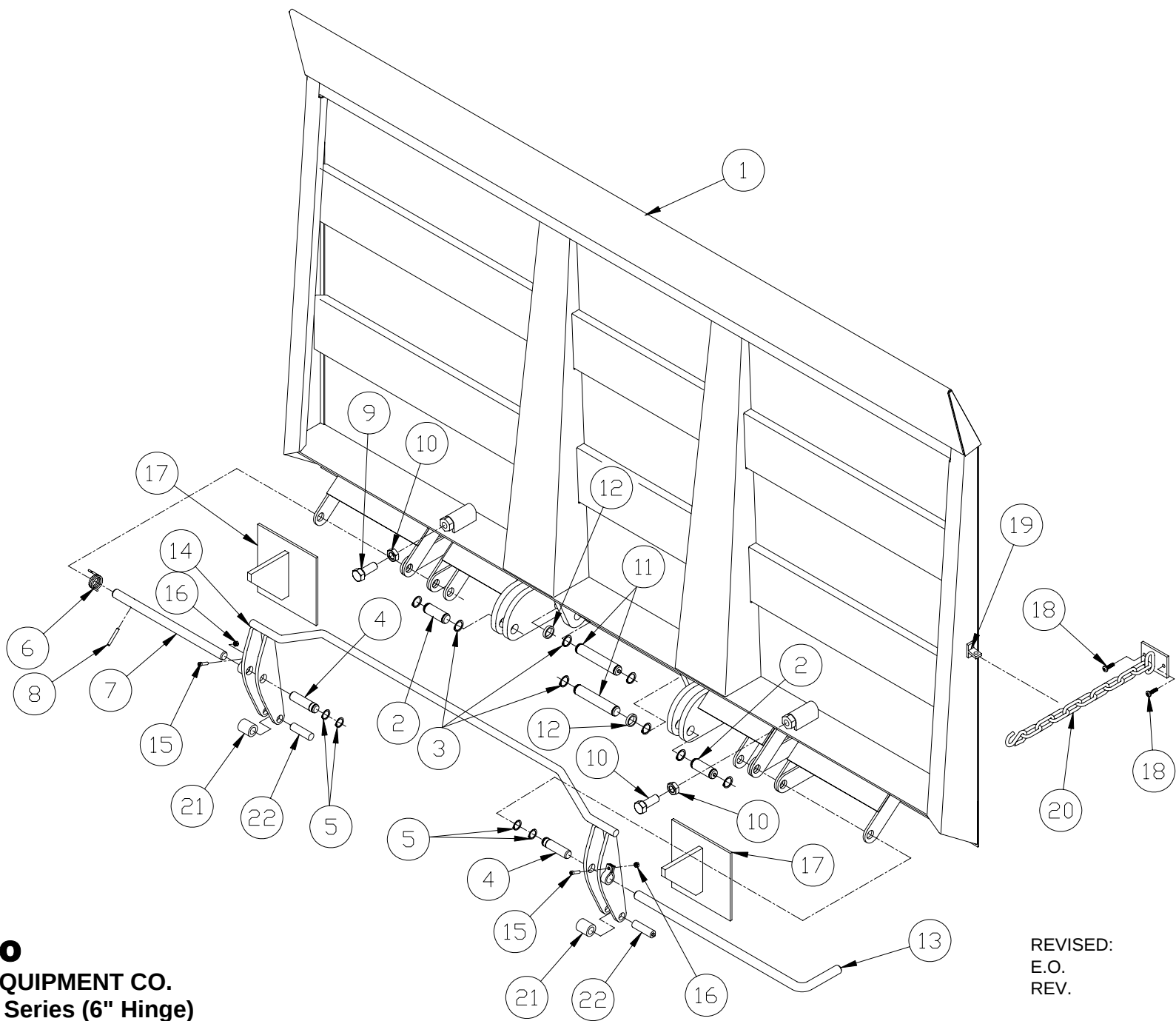
ITEM	PART NUMBER	QTY.	DESCRIPTION
1	-----	1	Platform -See table below
2	10111200 ^A	2	Pin
3	75001003 ^A	8	Snap Ring
4	10114200 ^A	2	Roller Pin
5	75001002 ^A	4	Snap Ring
6	10114300	1	Spring
7	10114100 ^A	1	Spring Pin
8	75089541	1	1/4"x1-7/8" Coiled Pin
9	75086180	2	3/4"-10x2" Hex Head Screw
10	75085015	2	3/4"x-10 Hex Jam Nut
11	10111100 ^A	2	Pin
12	10210900	2	1" I.D. x 7/16" Spacer
13	10115190	1	Power Closure Handle (7/8" DIA)
14	10116001	1	Power Closure Assembly
15	75086256	2	1/4"-20x1 Socket Screw
16	75085001	2	1/4"-20Serrated Hex Nut
17	10292001	2	Cam Hinge Plate
18	75086853	2	5/16" x 3/4" Type "Z" Self Tapping Screw
19	10111700	1	Chain Clip
20	10193000	1	Latch Chain Assembly
21	10117100	2	Roller Tube
22	10117200	2	Pin Assembly

NOTE:
 Indicate platform size when ordering parts.

^A Included in Pin Replacement Kit 80003200

PLAFORM ASSEMBLY COMPLETE	DECK ONLY	DESCRIPTION
10110013	10111013	30" x 90" + 6"
10110023	10111023	36" x 90" + 6"

PLATFORM ASSEMBLY (6" HINGE)
 (Built thru 7-04)



WALTCO
 TRUCK EQUIPMENT CO.
 1090 Series (6" Hinge)

REVISED: 6-1-04
 E.O. 5221C
 REV. 04

PM-1B

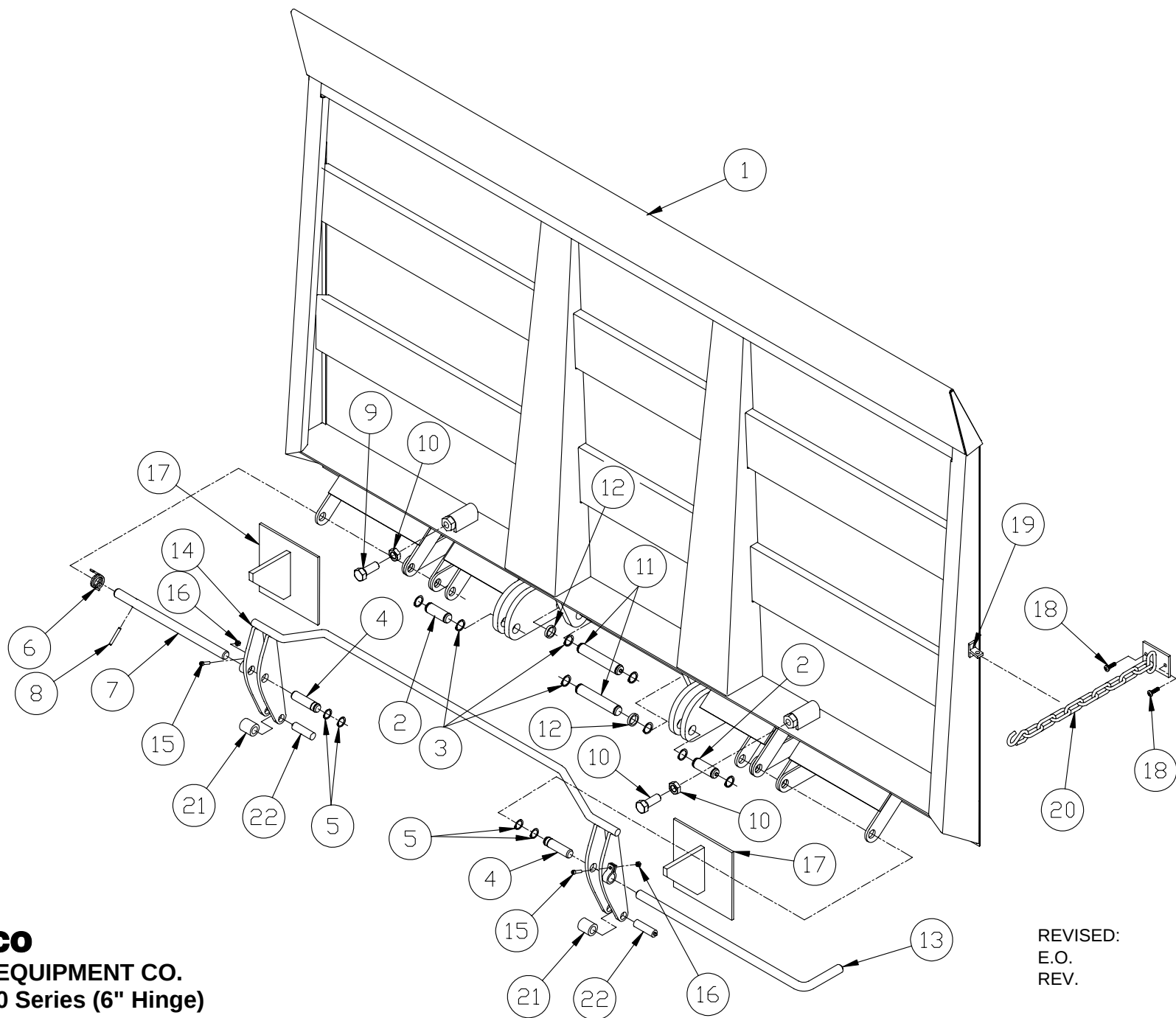
ITEM	PART NUMBER	QTY.	DESCRIPTION
1	-----	---	Platform Assembly-See table below
2	10411200 ^A	2	Pin
3	75001004 ^A	8	Snap Ring
4	10314200 ^A	2	Roller Pin
5	75001003 ^A	4	Snap Ring
6	10114300	1	Spring
7	10314100 ^A	1	Spring Pin
8	75089541	1	1/4"x1-7/8" Coiled Pin
9	75086180	2	3/4"-10x2" Hex Head Screw
10	75085015	2	3/4"x-10 Hex Jam Nut
11	10411100 ^A	2	Pin
12	10410900	2	1" I.D. x 1/4" Spacer
13	10315190	1	Power Closure Handle (7/8" DIA)
14	10316001	1	Power Closure Assembly (6" Hinge)
15	75086256	2	1/4"-20x1 Socket Screw
16	75085001	2	1/4"-20Serrated Hex Nut
17	10392001	2	Cam Hinge Plate (6" Hinge)
18	75086853	2	5/16" x 3/4" Type "Z" Self Tapping Screw
19	10111700	1	Chain Clip
20	10193000	1	Latch Chain Assembly
21	10117100	2	Cam Roller
22	10117200	2	Cam Roller Pin

NOTE:
 Indicate platform size when ordering parts.

NOTES:
 A Included in Pin Kit 80003210

PLATFORM ASSEMBLY (COMPLETE)	DECK ONLY	DESCRIPTION
10310036	10311036	42" x 90" + 9"
10310046	10311046	48" x 90" + 9"
10310056	10311056	54" x 90" + 9"
10410036	10411036	42" x 90" + 9"
10410046	10411046	48" x 90" + 9"
10410056	10411056	54" x 90" + 9"
10410066	10411066	60" x 90" + 9"
10410076	10411076	72" x 90" + 9"

PLATFORM ASSEMBLY (6" HINGE)
(Built from 7-04)



WALTCO
TRUCK EQUIPMENT CO.
1090 Series (6" Hinge)

REVISED: 6-4-04
E.O. 4347
REV. 01

PM-640

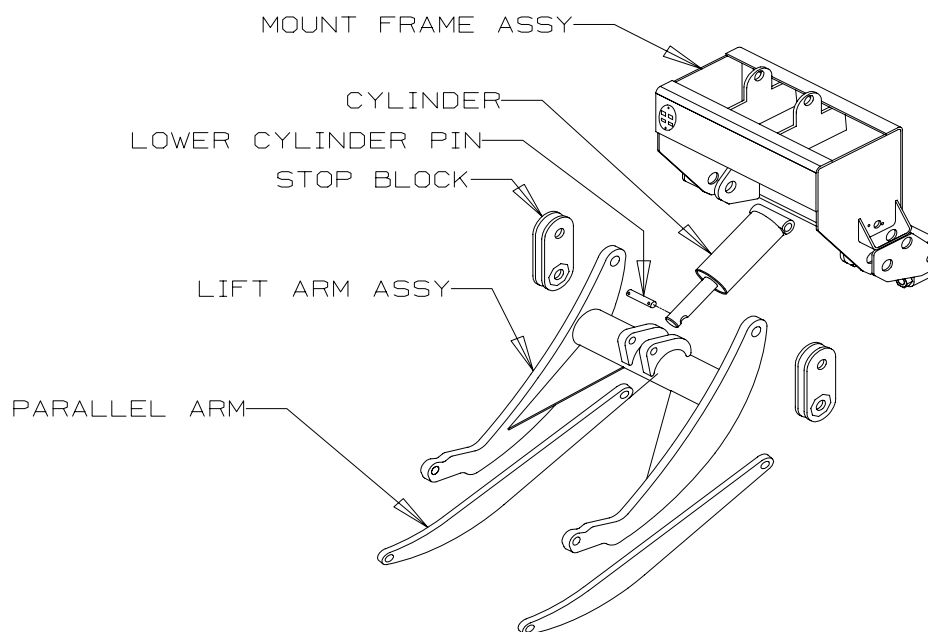
ITEM	PART NUMBER	QTY.	DESCRIPTION
1	-----	---	Platform Assembly-See table below
2	10411200 ^A	2	Pin
3	75001004 ^A	8	Snap Ring
4	10314200 ^A	2	Roller Pin
5	75001003 ^A	4	Snap Ring
6	10114300	1	Spring
7	10314100 ^A	1	Spring Pin
8	75089541	1	1/4"x1-7/8" Coiled Pin
9	75086180	2	3/4"-10x2" Hex Head Screw
10	75085015	2	3/4"x-10 Hex Jam Nut
11	10411100 ^A	2	Pin
12	10410900	2	1" I.D. x 1/4" Spacer
13	10315190	1	Power Closure Handle (7/8" DIA)
14	10316001	1	Power Closure Assembly
15	75086256	2	1/4"-20x1 Socket Screw
16	75085001	2	1/4"-20Serrated Hex Nut
17	10392001	2	Cam Hinge Plate
18	75086853	2	5/16" x 3/4" Type "Z" Self Tapping Screw
19	10111700	1	Chain Clip
20	10193000	1	Latch Chain Assembly
21	10117100	2	Roller Tube
22	10117200	2	Pin Assembly

NOTE:
Indicate platform size when ordering parts.

^A Included in Pin Replacement Kit 80003210

PLAFORM ASSEMBLY (COMPLETE)	DECK ONLY	DESCRIPTION
10310036	10311036	42" x 90" + 9"
10310046	10311046	48" x 90" + 9"
10310056	10311056	54" x 90" + 9"

1090-SERIES MOUNT ASSEMBLY



Common Features

- Mount frame assembly
- Mount bar assembly bolted above mount frame (not shown)
- Stop block with octagon adjustment
- 1400 flow valve with actuator (inside frame)
- Lift and parallel arm center-to-center 26", 28", 30", 32" & 36"
- 1094, 1095, 1096 - Discontinued after 7-04

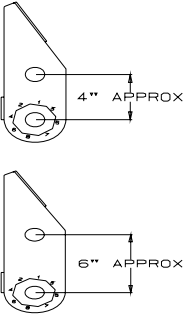
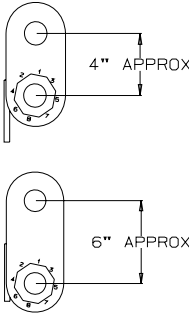
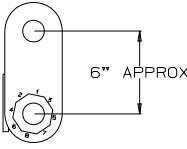
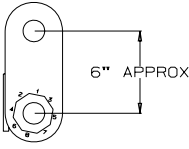
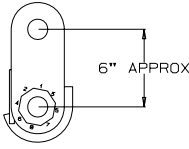
	1092 PM-2 (Built thru 7-04) PM-3A (Built after 7-04)	1093 PM-3 (Built thru 7-04) PM-3A (Built after 7-04)	1094 PM-3	1095 PM-641	1096 PM-642
Cylinder	(1) 20280010	(1) 10380050	(1) 10480050	(2) 10380050	(2) 10480050
Cylinder Pin Diameter	7/8"	7/8"	1"	7/8"	1"
Parallel Arm	3/4"	3/4"	3/4" Reinforced	3/4" Reinforced	3/4" Reinforced
Lift Arm	1"	1"	1-1/4"	1-1/4"	1-1/4"

80101072 Rev. 02 6/04

continued

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

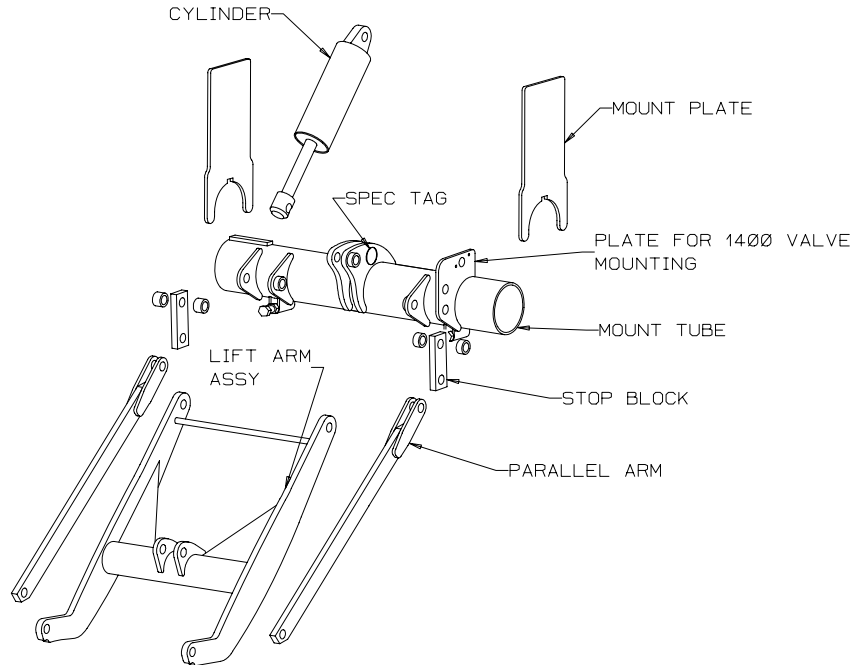
1090-SERIES MOUNT ASSEMBLY

	1092	1093	1094	1095	1096
Stop Block	 4" APPROX 6" APPROX	 4" APPROX 6" APPROX	 6" APPROX	 6" APPROX	 6" APPROX

80101072 Rev. 02 6/04

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

MD-SERIES MOUNT ASSEMBLY



Common Features

- Narrow arm design
- Round mount tube (5-9/16" O.D. x 37" O.A.L.)
- 1400 valve
- Closure on platform assembly
- Rectangular mount plate
- Lift and parallel arm (27" or 32" hole centers)
- Triangular gusset support on lift arm

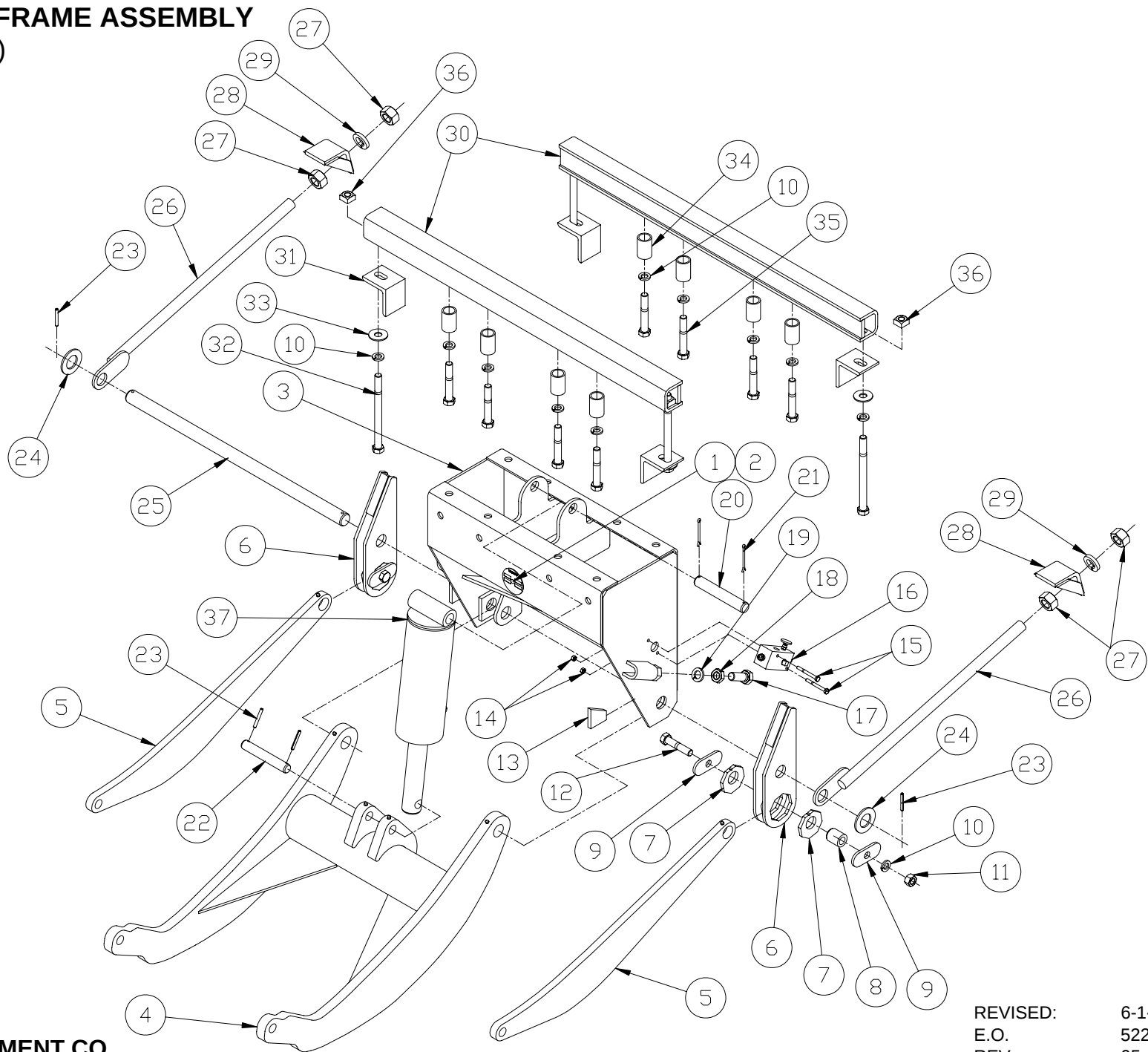
PM-8

	MD-81	MD-82
Lift Arm Thickness	3/4"	1"

80101073 Rev. 02 6/04

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

1092 MOUNT FRAME ASSEMBLY
(Built thru 7-04)



WALTCO
TRUCK EQUIPMENT CO.
1092 Series

REVISED: 6-1-04
E.O. 5221C
REV. 05

PM-2

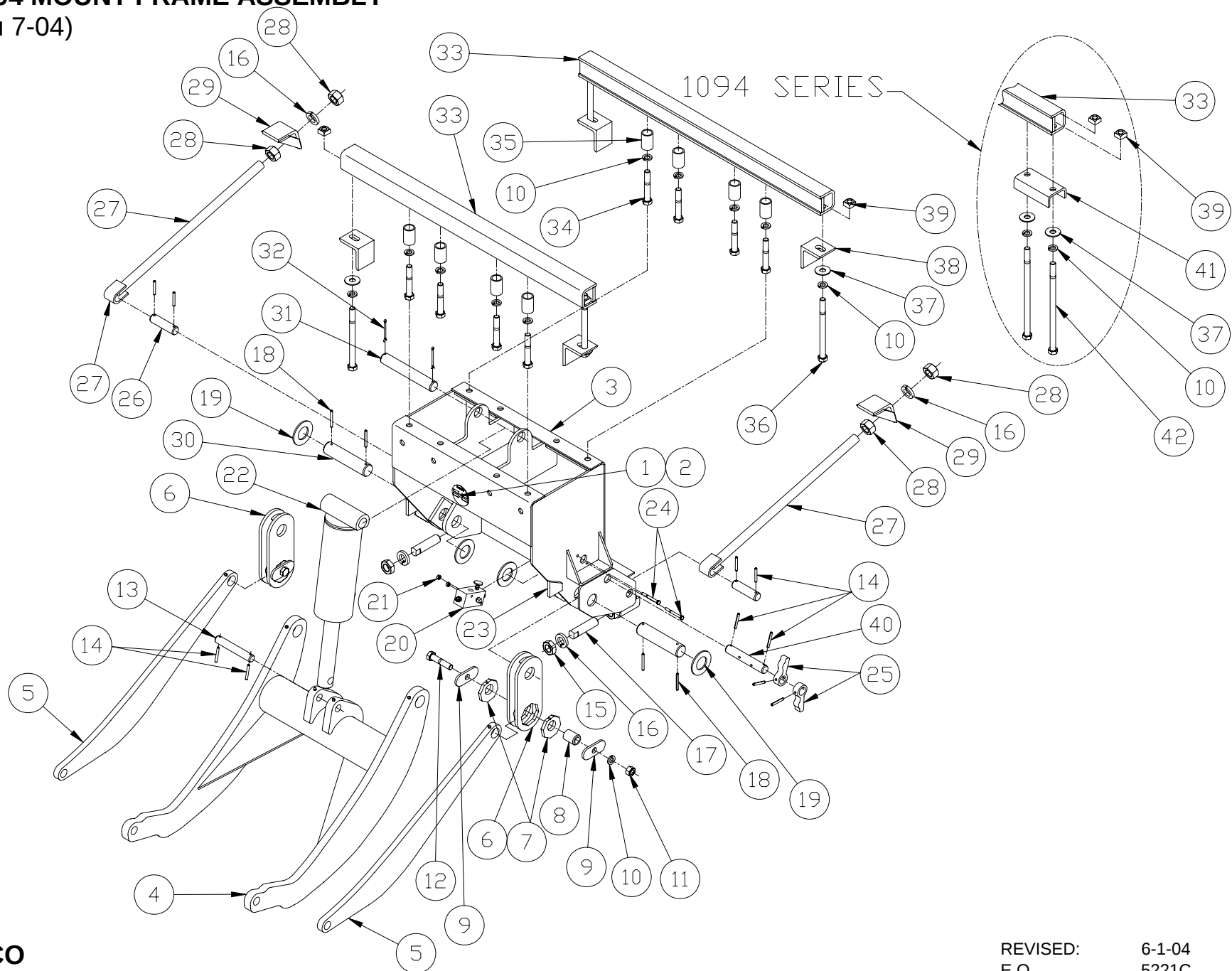
ITEM	PART NUMBER	QTY	DESCRIPTION
1	75089401	1	3/16" Drive Rivet
2	75089450	1	Specification Tag
3	10120000	1	Mount Frame Assembly
4	10230002	1	Lift Arm Assembly (30" for 4" Hinge)
	10230003	1	Lift Arm Assembly (30" for 6" Hinge)
	10230026	1	Lift Arm Assembly (26" for 4" Hinge)
	10230028	1	Lift Arm Assembly (28" for 4" Hinge)
	10230032	1	Lift Arm Assembly (32" for 4" Hinge)
	10230036	1	Lift Arm Assembly (36" for 4" Hinge)
5	10155102	2	Parallel Arm (30" for 4" Hinge)
	10255130	2	Parallel Arm (30" for 6" Hinge)
	10255126	2	Parallel Arm (26" for 4" Hinge)
	10155128	2	Parallel Arm (28" for 4" Hinge)
	10255132	2	Parallel Arm (32" for 4" Hinge)
	10255136	2	Parallel Arm (36" for 4" Hinge)
6	10151004	2	Stop Block Assembly (4" Hinge)
	10251006	2	Stop Block Assembly (6" Hinge)
7	10150400	4	Octagon Adjustment Block
8	10150300 ^A	2	Hollow Pin
9	10150700	4	Stop Block Retainer Washer
10	75088085	14	5/8" Lock Washer
11	75085012	2	5/8"-11 Hex Nut
12	75086159	2	5/8"-11 x 3" Hex Bolt
13	10176100	2	Up Stop Bar
14	75085001	2	1/4"-20 Hex Nut
15	75086012	2	1/4"-20 x 2-1/2" Hex Bolt
16	70114000	1	Flow Control Valve
17	75086180	2	3/4"-10 x 2" Hex Bolt
18	75088087	2	3/4" Lock Washer
19	75085015	2	3/4"-10 Hex Jam Nut
20	10170500 ^A	1	Upper Cylinder Pin
21	75084055 ^A	2	5/32" Dia. x 2-1/2" Cotter Pin
22	10271503 ^A	1	Lower Cylinder Pin
23	75089541 ^A	4	1/4" Dia. x 1-7/8" Coiled Pin
24	75088062	2	1-1/4" Flat Washer
25	10170700 ^A	1	Main Pin
26	10274024	2	Brace Rod Assembly
27	75085018	4	1"-8 Hex Nut
28	10375000	2	Brace Rod Clip Assembly

ITEM	PART NUMBER	QTY	DESCRIPTION
29	75088091	2	1" Lock Washer
30	10179004	2	Mount Channel Assembly
31	10170300	4	Lower Bolt Angle
32	75086166	4	5/8"-11 x 8" Hex Bolt
33	75088057	4	5/8" Flat Washer
34	10171702	8	Spacer Tube
35	75086161	8	5/8"-11 x 4" Hex Bolt
36	75085137	4	5/8"-11 Square Nut
37	20280010	1	Hydraulic Cylinder

NOTES:

A Included in Pin Kit 80003224 (4" Hinge) or
Included in Pin Kit 80003226 (6" Hinge)

1093, 1094 MOUNT FRAME ASSEMBLY
(Built thru 7-04)



WALTCO
TRUCK EQUIPMENT CO.
1093, 1094 Series

REVISED: 6-1-04
E.O. 5221C
REV. 06

PM-3

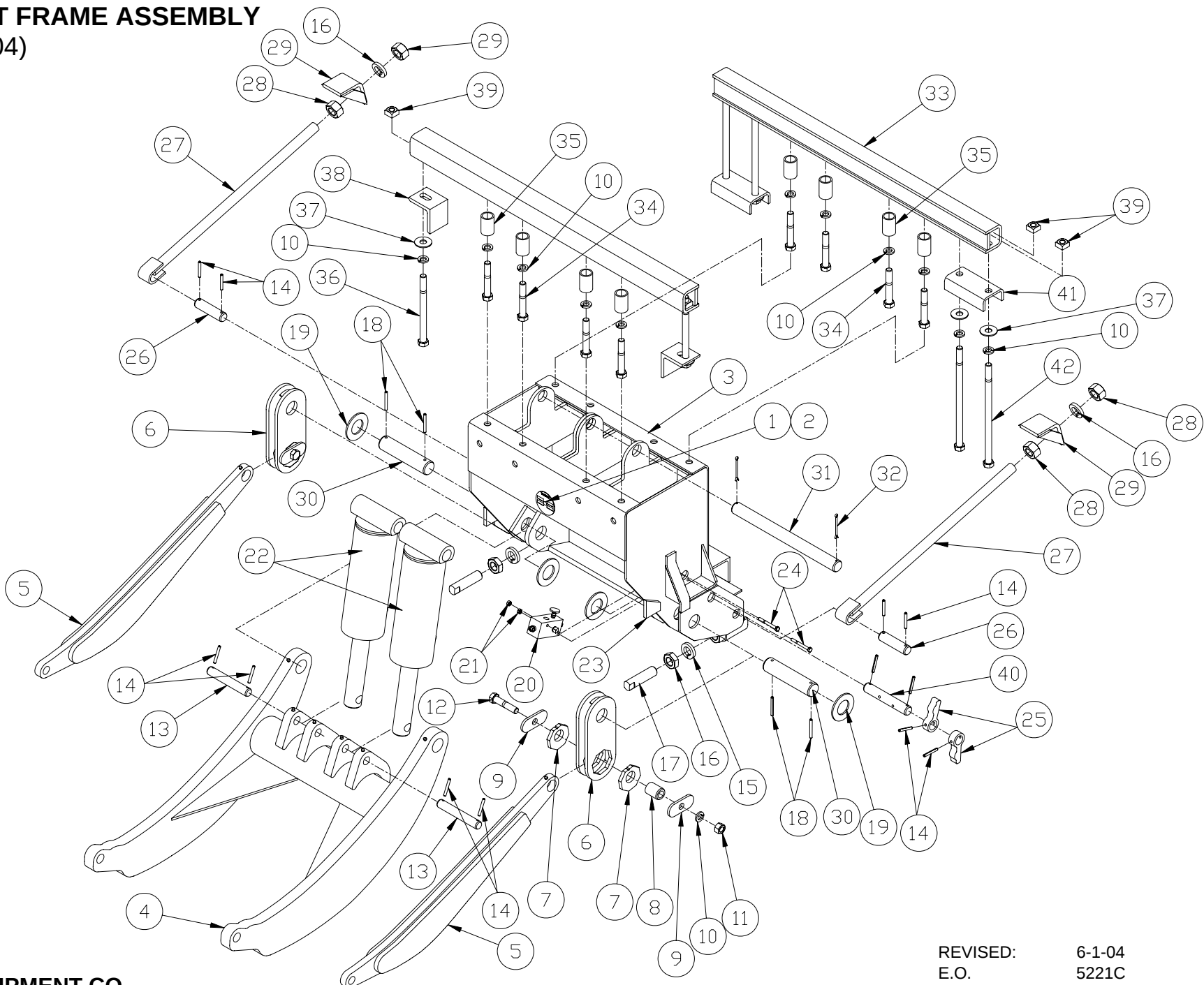
ITEM	PART NUMBER	QTY	DESCRIPTION
1	75089401	1	3/16" Drive Rivet
2	75089450	1	Specification Tag
3	10320000	1	Mount Frame Assembly
4	10330002	1	1093 Lift Arm Assembly (30" for 4" Hinge)
	10330004	1	1093 Lift Arm Assembly (30" for 6" Hinge)
	10330026	1	1093 Lift Arm Assembly (26" for 4" Hinge)
	10330028	1	1093 Lift Arm Assembly (28" for 4" Hinge)
	10330032	1	1093 Lift Arm Assembly (32" for 4" Hinge)
	10330036	1	1093 Lift Arm Assembly (36" for 4" Hinge)
	10430002	1	1094 Lift Arm Assembly (30")
	10430026	1	1094 Lift Arm Assembly (26")
	10430028	1	1094 Lift Arm Assembly (28")
	10430032	1	1094 Lift Arm Assembly (32")
	10430036	1	1094 Lift Arm Assembly (36")
5	10155102	2	1093 Parallel Arm (30" for 4" Hinge)
	10255130	2	1093 Parallel Arm (30" for 6" Hinge)
	10255126	2	1093 Parallel Arm (26" for 4" Hinge)
	10155128	2	1093 Parallel Arm (28" for 4" Hinge)
	10255132	2	1093 Parallel Arm (32" for 4" Hinge)
	10255136	2	1093 Parallel Arm (36" for 4" Hinge)
	10455002	2	1094 Parallel Arm Assy (30")
	10455026	2	1094 Parallel Arm Assy (26")
	10455028	2	1094 Parallel Arm Assy (28")
	10455032	2	1094 Parallel Arm Assy (32")
	10455036	2	1094 Parallel Arm Assy (36")
6	10351004	2	Stop Block Assembly (4" Hinge 1093 Only)
	10351006	2	Stop Block Assembly (6" Hinge 1093 & 1094)
7	10350400	4	Octagon Adjustment Block
8	10350300 ^{AB}	2	Hollow Pin
9	10150700	4	Stop Block Retainer Washer
10	75088085	14	5/8" Lock Washer (Qty of 16 on 1094)
11	75085012	2	5/8"-11 Hex Nut
12	75086159	2	5/8"-11 x 3" Hex Bolt
13	10271503 ^A	1	Lower Cylinder Pin (1093 Only)
	10471503 ^B	1	Lower Cylinder Pin (1094 Only)
14	75089541 ^{AB}	10	1/4" Dia. x 1-7/8" Coiled Pin
15	75085019	2	1"-8 Hex Jam Nut

ITEM	PART NUMBER	QTY	DESCRIPTION
16	75088091	4	1" Lock Washer
17	10370600	2	Stop Bolt
18	75089543 ^{AB}	4	1/4" Dia. x 2-1/4" Coiled Pin
19	75088063	4	1-1/2" Flat Washer
20	70114000	1	Flow Control Valve
21	75085001	2	1/4"-20 Hex Nut
22	10380050	1	Hydraulic Cylinder (1093 Only)
	10480050	1	Hydraulic Cylinder (1094 Only)
23	10176100	2	Up Stop Bar
24	75086012	2	1/4"-20 x 2-1/2" Hex Bolt
25	10371900	2	Valve Actuator
26	10370800 ^{AB}	2	Brace Rod Pin
27	10374024	2	Brace Rod Assembly
28	75085018	4	1"-8 Hex Nut
29	10375000	2	Brace Rod Clip Assembly
30	10370700 ^{AB}	2	Main Pin
31	10370500 ^{AB}	1	Upper Cylinder Pin
32	75084055 ^{AB}	2	5/32" Dia. x 2-1/2" Cotter Pin
33	10179004	2	Mount Channel Assembly
34	75086161	8	5/8"-11 x 4" Hex Bolt
35	10171702	8	Spacer Tube
36	75086166	4	5/8"-11 x 8" Hex Bolt (Qty of 2 on 1094)
37	75088057	4	5/8" Flat Washer (Qty of 6 on 1094)
38	10170300	4	Lower Bolt Angle (Qty of 2 on 1094)
39	75085137	4	5/8"-11 Square Nut (Qty of 6 on 1094)
40	10377200 ^{AB}	1	Valve Actuator Pin
41	10370300	2	Lower Bolt Channel (1094 Only)
42	75086170	4	5/8"-11 x 12" Hex Bolt (1094 Only)

NOTES:

- A Included in Pin Kit 80003234 (1093 4" Hinge) or
Included in Pin Kit 80003236 (1093 6" Hinge)
B Included in Pin Kit 80003240 (1094)

1095 MOUNT FRAME ASSEMBLY
(Built thru 7-04)



WALTCO
TRUCK EQUIPMENT CO.
1095 Series

REVISED: 6-1-04
E.O. 5221C
REV. 01

PM-641

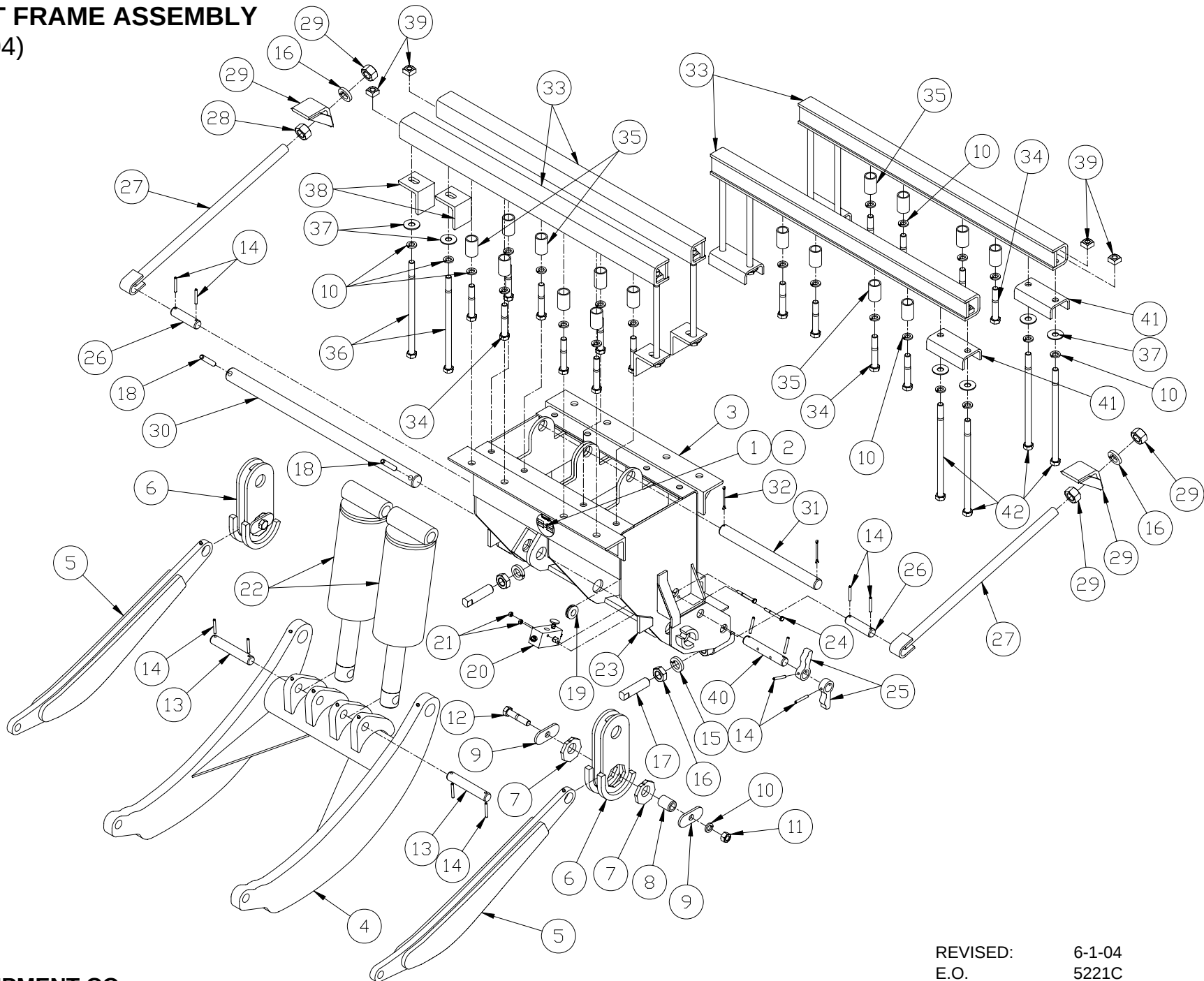
ITEM	PART NUMBER	QTY	DESCRIPTION
1	75089401	1	3/16" Drive Rivet
2	75089450	1	Specification Tag
3	10520000	1	Mount Frame Assembly
4	10530002	1	Lift Arm Assembly (30" for 6" Hinge)
	10530026	1	Lift Arm Assembly (26" for 6" Hinge)
	10530028	1	Lift Arm Assembly (28" for 6" Hinge)
	10530032	1	Lift Arm Assembly (32" for 6" Hinge)
	10530036	1	Lift Arm Assembly (36" for 6" Hinge)
5	10455002	2	Parallel Arm Assy (30" for 6" Hinge)
	10455026	2	Parallel Arm Assy (26" for 6" Hinge)
	10455028	2	Parallel Arm Assy (28" for 6" Hinge)
	10455032	2	Parallel Arm Assy (32" for 6" Hinge)
	10455036	2	Parallel Arm Assy (36" for 6" Hinge)
6	10351006	2	Stop Block Assembly (6" Hinge)
7	10350400	4	Octagon Adjustment Block
8	10350300 ^A	2	Hollow Pin
9	10150700	4	Stop Block Retainer Washer
10	75088085	16	5/8" Lock Washer
11	75085012	2	5/8"-11 Hex Nut
12	75086159	2	5/8"-11 x 3" Hex Bolt
13	10271503 ^A	2	Lower Cylinder Pin
14	75089541 ^A	12	1/4" Dia. x 1-7/8" Coiled Pin
15	75085019	2	1"-8 Hex Jam Nut
16	75088091	4	1" Lock Washer
17	10370600	2	Stop Bolt
18	75089543 ^A	4	1/4" Dia. x 2-1/4" Coiled Pin
19	75088063	4	1-1/2" Flat Washer
20	70114000	1	Flow Control Valve
21	75085001	2	1/4"-20 Hex Nut
22	10380050	2	Hydraulic Cylinder
23	10176100	2	Up Stop Bar
24	75086012	2	1/4"-20 x 2-1/2" Hex Bolt
25	10371900	2	Valve Actuator
26	10370800 ^A	2	Brace Rod Pin
27	10374024	2	Brace Rod Assembly
28	75085018	4	1"-8 Hex Nut
29	10375000	2	Brace Rod Clip Assembly
30	10370700 ^A	2	Main Pin
31	10570500 ^A	1	Upper Cylinder Pin

ITEM	PART NUMBER	QTY	DESCRIPTION
32	75084055 ^A	2	5/32" Dia. x 2-1/2" Cotter Pin
33	10179004	2	Mount Channel Assembly
34	75086161	8	5/8"-11 x 4" Hex Bolt
35	10171702	8	Spacer Tube
36	75086166	2	5/8"-11 x 8" Hex Bolt
37	75088057	6	5/8" Flat Washer
38	10170300	2	Lower Bolt Angle
39	75085137	6	5/8"-11 Square Nut
40	10377200 ^A	1	Valve Actuator Pin
41	10370300	2	Lower Bolt Channel
42	75086170	4	5/8"-11 x 12" Hex Bolt

NOTES:

A Included in Pin Kit 80003250

1096 MOUNT FRAME ASSEMBLY
(Built thru 7-04)



WALTCO
TRUCK EQUIPMENT CO.
1096 Series

REVISED: 6-1-04
E.O. 5221C
REV. 01

PM-642

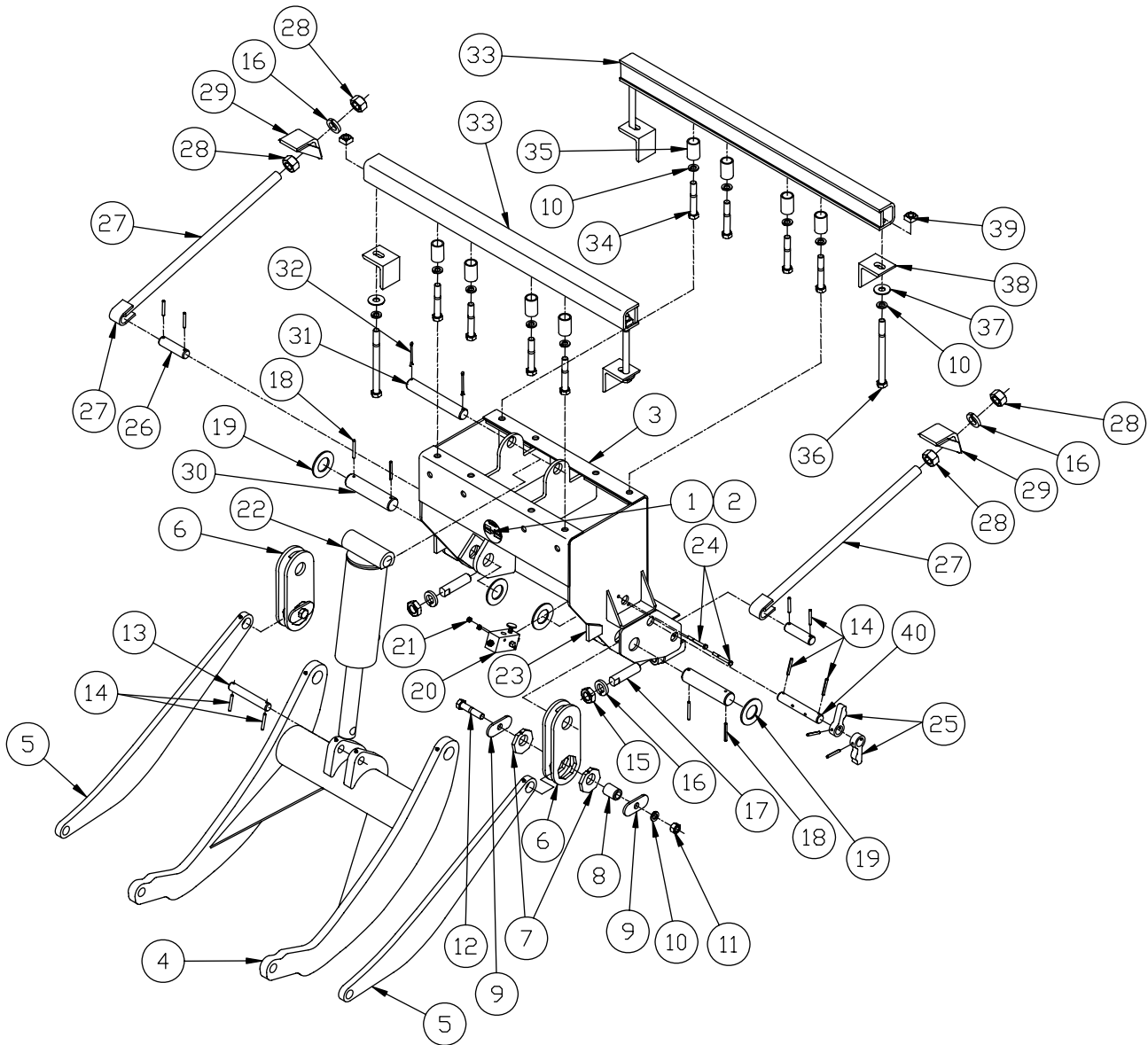
ITEM	PART NUMBER	QTY	DESCRIPTION
1	75089401	1	3/16" Drive Rivet
2	75089450	1	Specification Tag
3	10620000	1	Mount Frame Assembly
4	10630002	1	Lift Arm Assembly (30" for 6" Hinge)
	10630026	1	Lift Arm Assembly (26" for 6" Hinge)
	10630028	1	Lift Arm Assembly (28" for 6" Hinge)
	10630032	1	Lift Arm Assembly (32" for 6" Hinge)
	10630036	1	Lift Arm Assembly (36" for 6" Hinge)
5	10455002	2	Parallel Arm Assy (30" for 6" Hinge)
	10455026	2	Parallel Arm Assy (26" for 6" Hinge)
	10455028	2	Parallel Arm Assy (28" for 6" Hinge)
	10455032	2	Parallel Arm Assy (32" for 6" Hinge)
	10455036	2	Parallel Arm Assy (36" for 6" Hinge)
6	10651006	2	Stop Block Assembly (6" Hinge)
7	10350400	4	Octagon Adjustment Block
8	10350300 ^A	2	Hollow Pin
9	10150700	4	Stop Block Retainer Washer
10	75088085	30	5/8" Lock Washer
11	75085012	2	5/8"-11 Hex Nut
12	75086159	2	5/8"-11 x 3" Hex Bolt
13	10471503 ^A	2	Lower Cylinder Pin
14	75089541 ^A	12	1/4" Dia. x 1-7/8" Coiled Pin
15	75085019	2	1"-8 Hex Jam Nut
16	75088091	4	1" Lock Washer
17	10370600	2	Stop Bolt
18	75089545 ^A	2	1/2" Dia. x 2-3/4" Coiled Pin
19	70091273	1	Rubber Grommet
20	70114000	1	Flow Control Valve
21	75085001	2	1/4"-20 Hex Nut
22	10480050	2	Hydraulic Cylinder
23	10176100	2	Up Stop Bar
24	75086012	2	1/4"-20 x 2-1/2" Hex Bolt
25	10371900	2	Valve Actuator
26	10370800 ^A	2	Brace Rod Pin
27	10374024	2	Brace Rod Assembly
28	75085018	4	1"-8 Hex Nut
29	10375000	2	Brace Rod Clip Assembly
30	10670700 ^A	1	Main Pin
31	10570500 ^A	1	Upper Cylinder Pin

ITEM	PART NUMBER	QTY	DESCRIPTION
32	75084055 ^A	2	5/32" Dia. x 2-1/2" Cotter Pin
33	10179004	4	Mount Channel Assembly
34	75086161	16	5/8"-11 x 4" Hex Bolt
35	10171702	16	Spacer Tube
36	75086166	4	5/8"-11 x 8" Hex Bolt
37	75088057	12	5/8" Flat Washer
38	10170300	4	Lower Bolt Angle
39	75085137	12	5/8"-11 Square Nut
40	10377200 ^A	1	Valve Actuator Pin
41	10370300	4	Lower Bolt Channel
42	75086170	8	5/8"-11 x 12" Hex Bolt

NOTES:

A Included in Pin Kit 80003260

MOUNT FRAME ASSEMBLY
(Built from 7-04)



WALTCO LIFT CORP.
1092, 1093

REVISED: 3-31-09
E.O. 6171
REV. 02

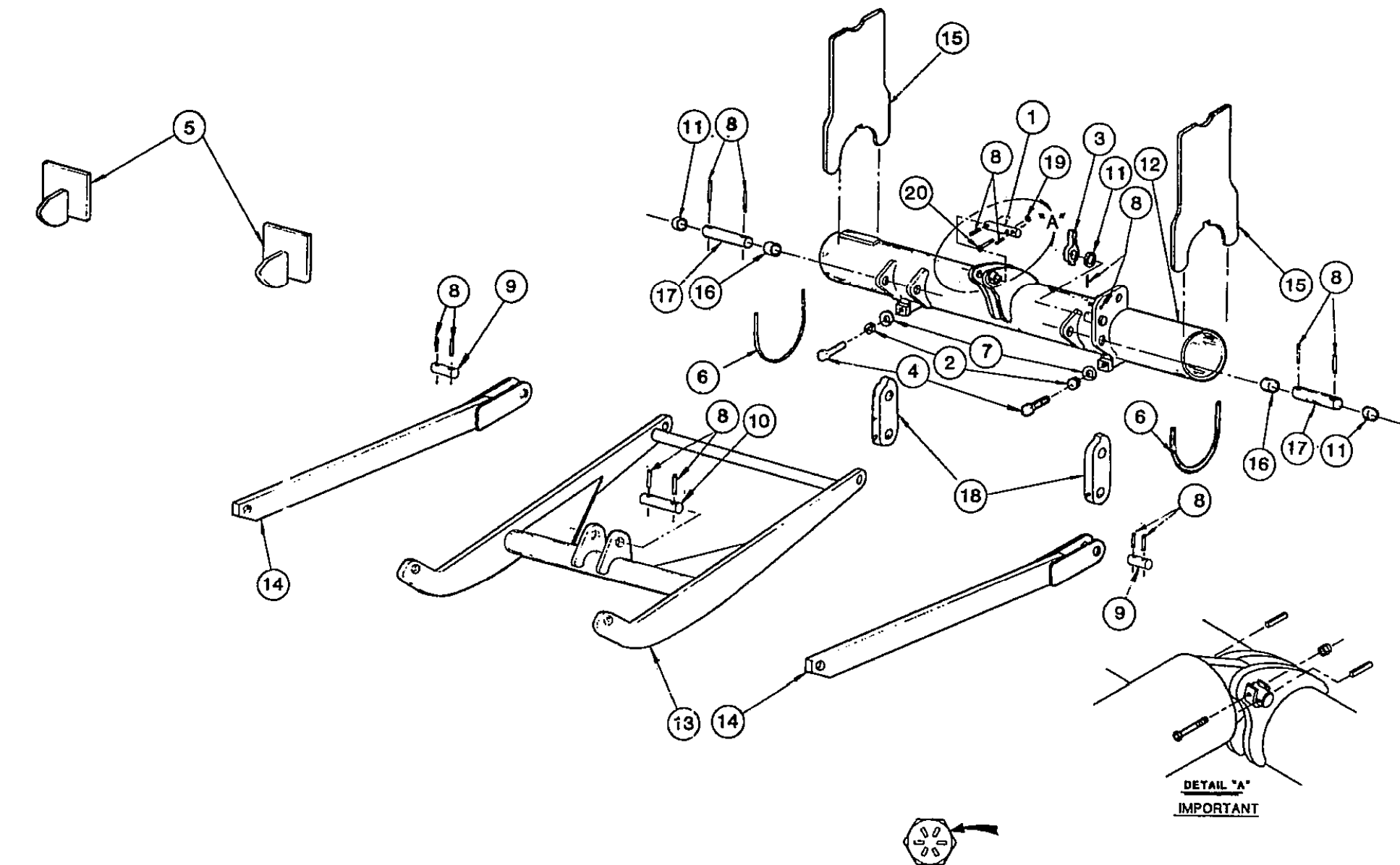
PM-3A

ITEM	PART NUMBER	QTY	DESCRIPTION
1	75089401	1	3/16" Drive Rivet
2	75089450	1	Specification Tag
3	10320000	1	Mount Frame Assembly
4	10330026	1	Lift Arm Assembly (26" for 4" Hinge)
	10330028		Lift Arm Assembly (28" for 4" Hinge)
	10330002		Lift Arm Assembly (30" for 4" Hinge)
	10330032		Lift Arm Assembly (32" for 4" Hinge)
	10330036		Lift Arm Assembly (36" for 4" Hinge)
	10330004		Lift Arm Assembly (30" for 6" Hinge)
5	10255126	2	Parallel Arm (26" for 4" Hinge)
	10155128		Parallel Arm (28" for 4" Hinge)
	10155102		Parallel Arm (30" for 4" Hinge)
	10255132		Parallel Arm (32" for 4" Hinge)
	10255136		Parallel Arm (36" for 4" Hinge)
	10255130		Parallel Arm (30" for 6" Hinge)
6	10351004	2	Stop Block Assembly (4" Hinge)
	10351006		Stop Block Assembly (6" Hinge)
7	10350400	4	Octagon Adjustment Block
8	10350300 ^A	2	Hollow Pin
9	10150700	4	Washer
10	75088085	2	5/8" Lock Washer
11	75085012	2	5/8"-11 Hex Nut
12	75086159	2	5/8"-11x3" Hex Head Screw
13	10271503 ^A	1	Lower Cylinder Pin Assembly
14	75089541 ^A	10	1/4" Dia x 1-7/8" Coil Pin
15	75085019	2	1"-8 Jam Nut
16	75088091	4	1" Lock Washer
17	10370600	2	Stop Bolt
18	75089543 ^A	4	1/4" Dia. x 2-1/4" Coiled Pin
19	75088063	4	1-1/2" Washer
20	70114000	1	Flow Control Valve
21	75085001	2	1/4"-20 Hex Nut, Standard
22	10380050	1	Cylinder Assembly
23	10176100	2	Up Position Stop Block
24	75086012	2	1/4"-20 x 2-1/2" Hex Head Screw
25	10371900	2	Valve Actuator
26	10370800 ^A	2	Brace Rod Assembly Pin
27	10374024	2	Rod Assembly
28	75085018	4	1"-8 Hex Nut

ITEM	PART NUMBER	QTY	DESCRIPTION
29	10375000	2	Clip Assembly
30	10370700 ^A	2	Pin
31	10370500 ^A	1	Upper Cylinder Pin
32	75084055 ^A	2	Cotter pin
33	10179004	2	Mount Bar Assembly
34	75086161	8	5/8"-11x4" Hex Head Bolt
35	10171702	8	2" Spacer
36	75086166	4	5/8"-11x8" Hex Head Bolt
37	75088057	4	5/8" Flat Washer
38	10170300	4	Lower Bolt Angle
39	75085137	4	5/8"-11 Square Head Nut
40	10377200 ^A	1	Valve Actuator Pin

^A Included in Pin Replacement Kits 80003234 & 80003236

MD SERIES MOUNT FRAME ASSEMBLY
(All Years)



WALTCO
TRUCK EQUIPMENT CO.
MD Series

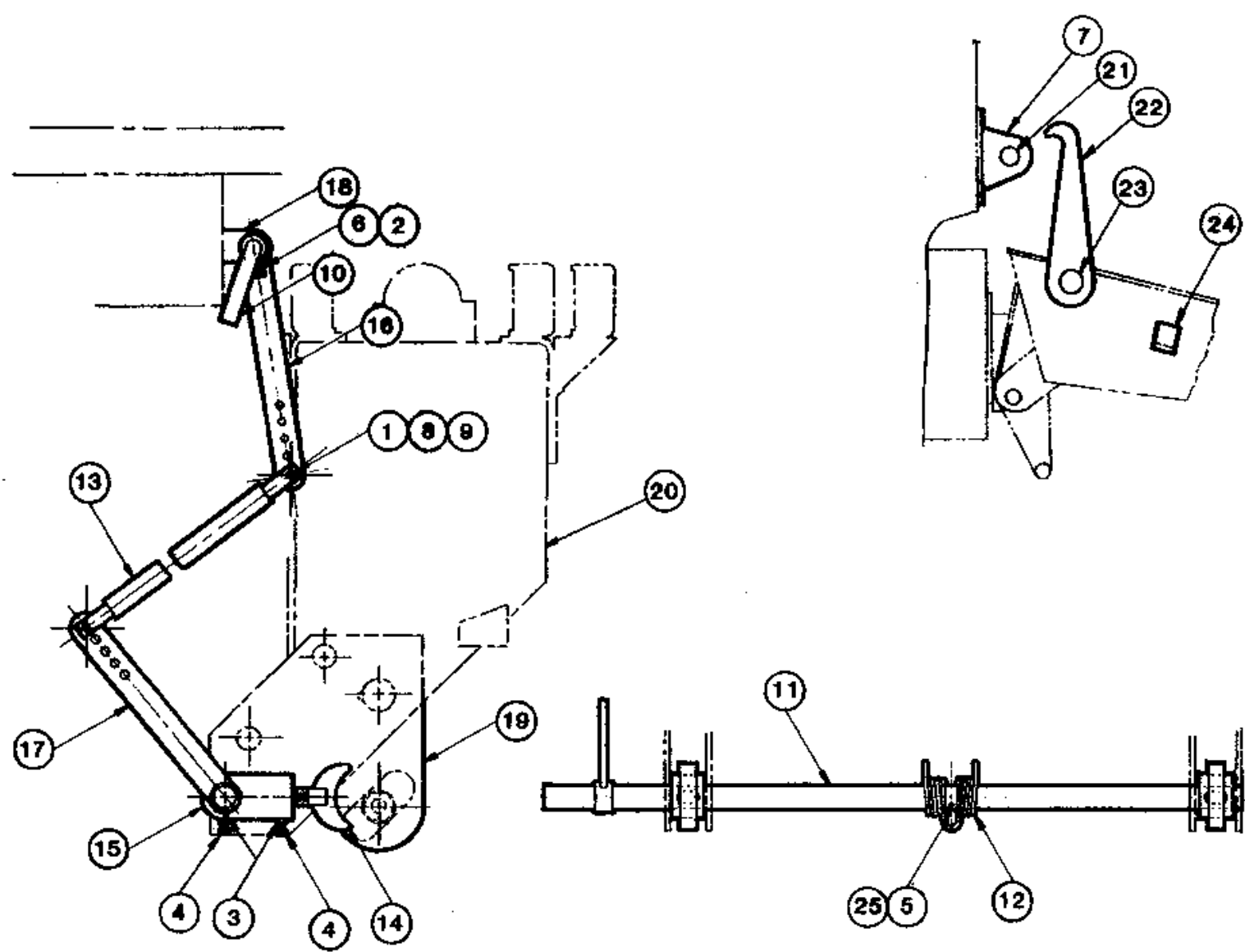
REVISED: 9-28-01
E.O. 4585
REV. 04

PM-8

ITEM	PART NUMBER	QTY	DESCRIPTION
1	11170502 ^{AB}	1	Upper Cylinder Pin
2	75085015	2	3/4"-10 Hex Jam Nut
3	11171900	1	Actuator
4	75086180	2	3/4"-10 x 2" Hex Head Screw
5	10292001	2	Cam Plate Assembly
6	11170300	2	"U" Bar
7	75088087	2	3/4" Lock Washer
8	75089541 ^{AB}	14	1/4" Dia. x 1-7/8" Coiled Pin
9	20211200 ^A	2	Parallel Arm Pin
10	11171500 ^{AB}	1	Lower Cylinder Pin
11	10210900	3	Spacer
12	11220000	1	Frame Mount Assembly
13	11130027	1	Lift Arm Assembly (MD-81 27" Arms)
	11130032		Lift Arm Assembly (MD-81 32" Arms)
	11230027		Lift Arm Assembly (MD-82 27" Arms)
	11230032		Lift Arm Assembly (MD-82 32" Arms)
14	11155027	1	Parallel Arm Assembly (27" Arms)
	11155032		Parallel Arm Assembly (32" Arms)
15	25170100	2	Mount Plate
16	10171701	2	Spacer (27" arms)
	11171700		Spacer (32" arms)
17	20270700 ^A	2	Main Pin
18	11151101	2	Stop Block (Level Ride)
	11151102		Stop Block (Half Dip)
19	75085175 ^{AB}	1	1/4"-20 Self Locking Nut
20	75086215 ^{AB}	1	1/4"-20 x 2-1/2" Bolt (Grade 8)

^A Included in Pin Replacement Kit No. 80003270.
^B Included in Cylinder Replacement Kit 80000940.

TILT ASSEMBLY PARTS
(All Years)



WALTCO
TRUCK EQUIPMENT CO.
1093, 1094, 1095, 1096

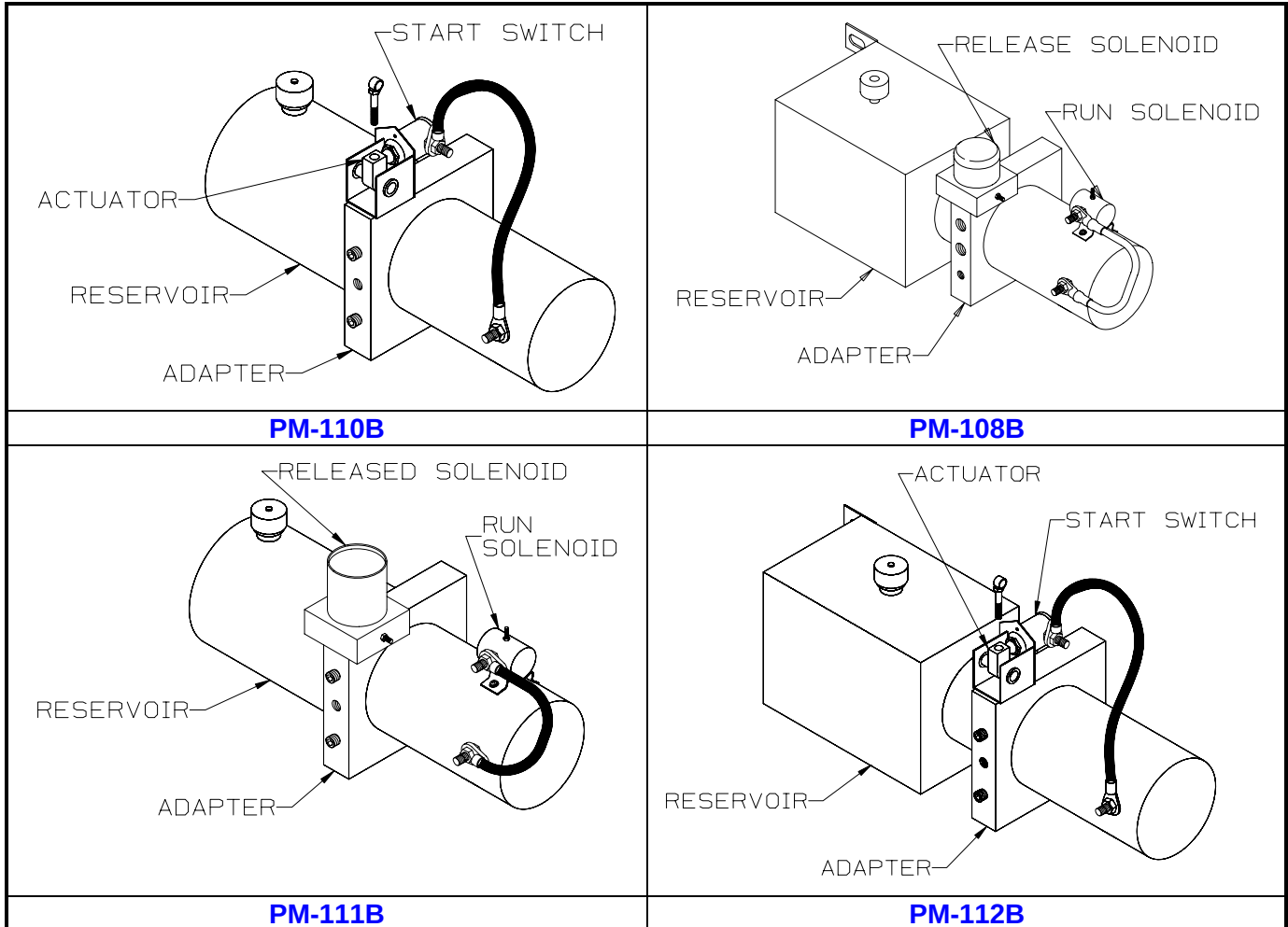
REVISED: 6-1-04
E.O. 5221C
REV. 02

PM-236

ITEM	PART NUMBER	QTY	DESCRIPTION
1	75084053	2	3/32" Dia. x 1" Cotter Pin
2	75085001	2	1/4"-20 Hex Nut
3	75085005	4	3/8"-16 Hex Nut
4	75086058	4	3/8"-16 x 1-1/2" Hex Bolt
5	75086057	1	3/8"-16 x 1-1/4" Hex Bolt
6	75086256	2	1/4"-20 x 1" Socket Head Screw
7	10345000	2	Pin Pad Assembly
8	75088052	2	5/16" Flat Washer
9	75089532	2	5/16" Dia. x 29/32" Pin
10	10115190	1	Handle
11	10340100	1	Shaft
12	10340200	1	Spring
13	10341004	1	Clevis Assembly
14	10342000	2	Catch Assembly
15	10342100	2	Adjustment Block
16	10343000	1	Tilt Arm Assembly
17	10344000	1	Tilt Arm Assembly
18	30111300	4	Hinge
19	10351007	2	Stop Block Assembly (1093, 1094, 1095)
	10651007	2	Stop Block Assembly (1096)
20	10320007	1	Tilt Mount Frame Assembly (1093, 1094)
	10520007	1	Tilt Mount Frame Assembly (1095)
	10620007	1	Tilt Mount Frame Assembly (1096)
21	20255200	2	Pin
22	10394100	2	Tilt Hook
23	20270801	2	Pin
24	10346100	2	Hook Rest Angle

1090 & MD SERIES HYDRAULICS

(Prior to 2/94)



Common Features

- Fenner power unit
- Manual or electric
- Pressure set at 2700 psi

	MD-81, 82		1092, 1093		1094, 95, 96	
	Manual PM-110B	Electric PM-111B	Manual PM-110B	Electric PM-111B	Manual PM-112B	Electric PM-108B
Reservoir	Round	Round	Round	Round	Square	Square
Control	Start switch w/actuator	Release solenoid	Start switch w/actuator	Release solenoid	Start switch with actuator	Release solenoid
Motor	Spline	Spline	Spline	Spline	Spline	Spline
Hydraulic Layout	PM-9	80100130	PM-4	80100302	PM-5	80100127

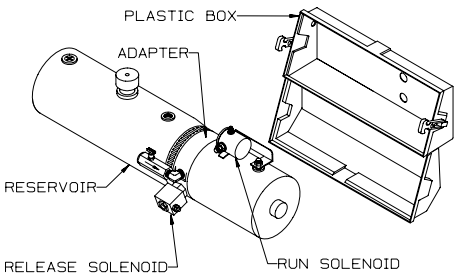
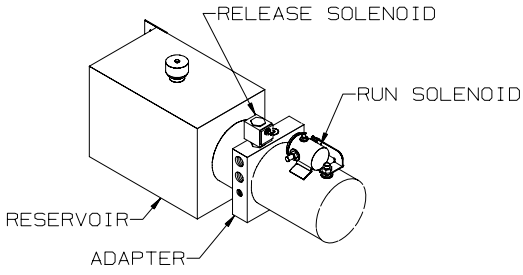
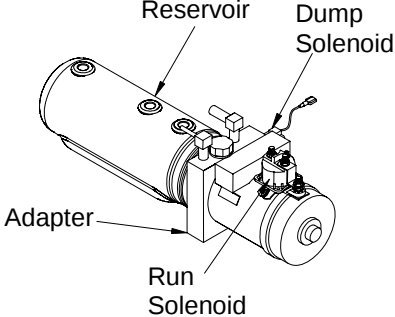
Cylinder	MD-81, 82	1092	1093	1094	1095	1096
	PM-209	PM-263	PM-212	PM-215	PM-212	PM-215

80101099 Rev. 02 6/04

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

1090 & MD SERIES

(Manufactured after 2/94)

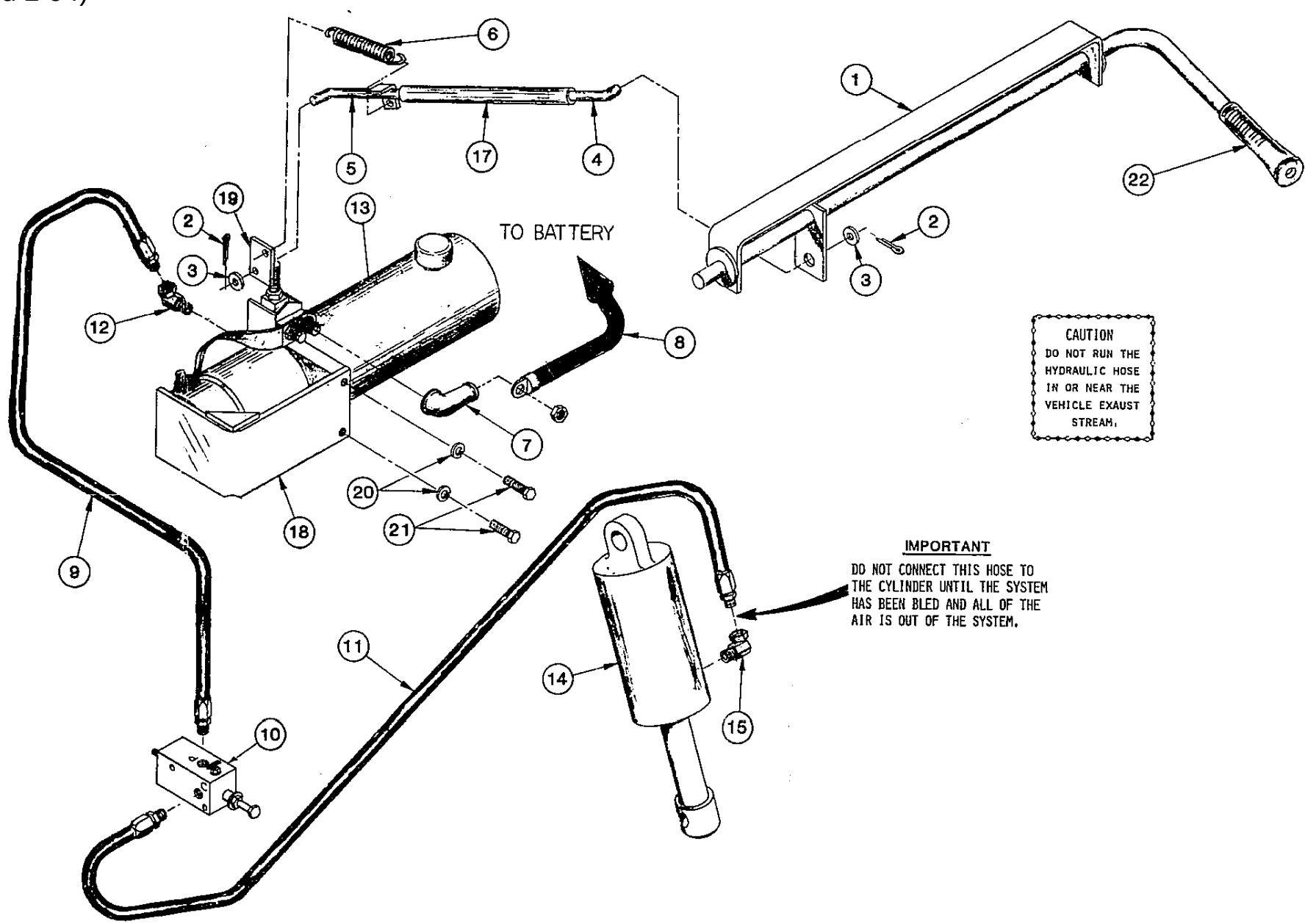
							
1092, 1093, MD-81, 82 (Built thru 7-04)				1094, 1095, 1096 (Built thru 7-04)			
							
1092, 1093 (Built after 7-04)							
Common Features							
• Monarch power units with ElectroPak® or Thermalpak® decal • Electric control • Pump units shipped with weather box • 1094, 1095, 1096 - Discontinued after 7-04 • Thermalpak discontinued 6-07 • Added Thermal Protection to all pumps 6-07							
	1092, 1093, MD-81, 82			1094	1095, 1096		
Reservoir	Round			Square	Square		
Pump Box	Plastic			Steel	Steel		
Hydraulic Layout	PM-339 (Built thru 7-04) PM-426A (7-04 thru 4-10) PM-426B (Built after 4-10)			PM-91 (Built thru 7-04)	PM-92 (Built thru 7-04)		
Electrical Layout	PM-343 (Built thru 7-04) PM-617 (7-04 thru 7-08) PM-617A (7-08 thru 8-09) PM-617B (Built after 8-09)			PM-343 (Built thru 7-04)	PM-343 (Built thru 7-04)		
Pump Unit	PM-352 (Built thru 7-04) PM-555 (Built after 7-04)			PM-462 (Built thru 7-04)	PM-462 (Built thru 7-04)		
Cylinder	MD-81, 82	1092	1093	1094	1095	1096	
	PM-209	PM-263	PM-212	PM-215	PM-212	PM-215	

80101100 Rev. 04 3/11

* Some 1094, 95, 96 liftgates were shipped with Fenner power units in 1994. See Previous page for specs on Fenner power units.

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

ELECTRO HYDRAULIC LAYOUT
(Built thru 2-94)



WALTCO
TRUCK EQUIPMENT CO.
MD Series

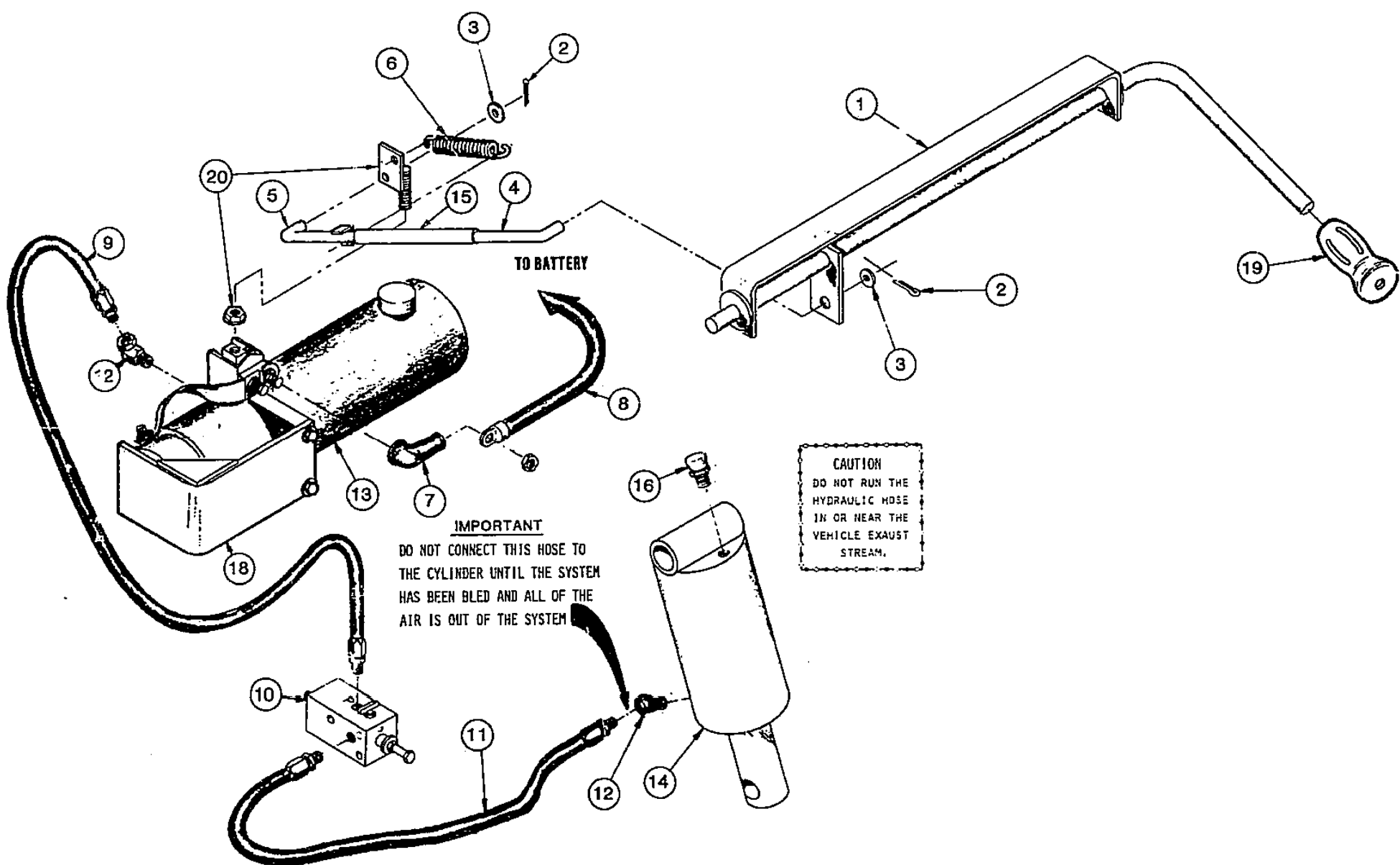
REVISED: 6-1-04
E.O. 5221C
REV. 03

PM-9

ITEM	PART NUMBER	QTY	DESCRIPTION
1	10194000	1	Control Assembly
2	75084053	2	3/32" Dia. x 1" Cotter Pin
3	75088052	2	5/16" Flat Washer
4	10191100	1	Control Rod
5	20291000	1	Control Rod Assembly
6	75089751	1	1/2" x 4" Extension Spring
7	75089327	1	Rubber Boot
8	10195625	1	2 Ga. x 25 Ft. Battery Cable
9	75083062	1	1/4" ID x 48" Hose Assembly
10	70114000	1	Flow Control Valve
11	75083066	1	1/4" ID x 19" Hose Assembly
12	75083035	1	3/8" x 1/4" Female 90° Elbow
13	22195000 ^A	1	Hydraulic Pump Unit
14	22280050	1	Hydraulic Cylinder
15	75083031	1	1/4" NPT x 90° Elbow
17	10191200	1	Control Rod Tube
18	10194500	1	Pump Bracket Assembly
19	22194000	1	Valve Handle Assembly
20	75088081	2	3/8" Lock Washer
21	75086055	2	3/8"-16 x 3/4" Hex Bolt (Grade 5)
22	75089330	1	Rubber Grip

A. When ordering a complete replacement pump, please use part number 70400300

ELECTRO HYDRAULIC LAYOUT
(Built thru 2-94)



WALTCO
TRUCK EQUIPMENT CO.
1092, 1093

REVISED: 6-1-04
E.O. 5221C
REV. 03

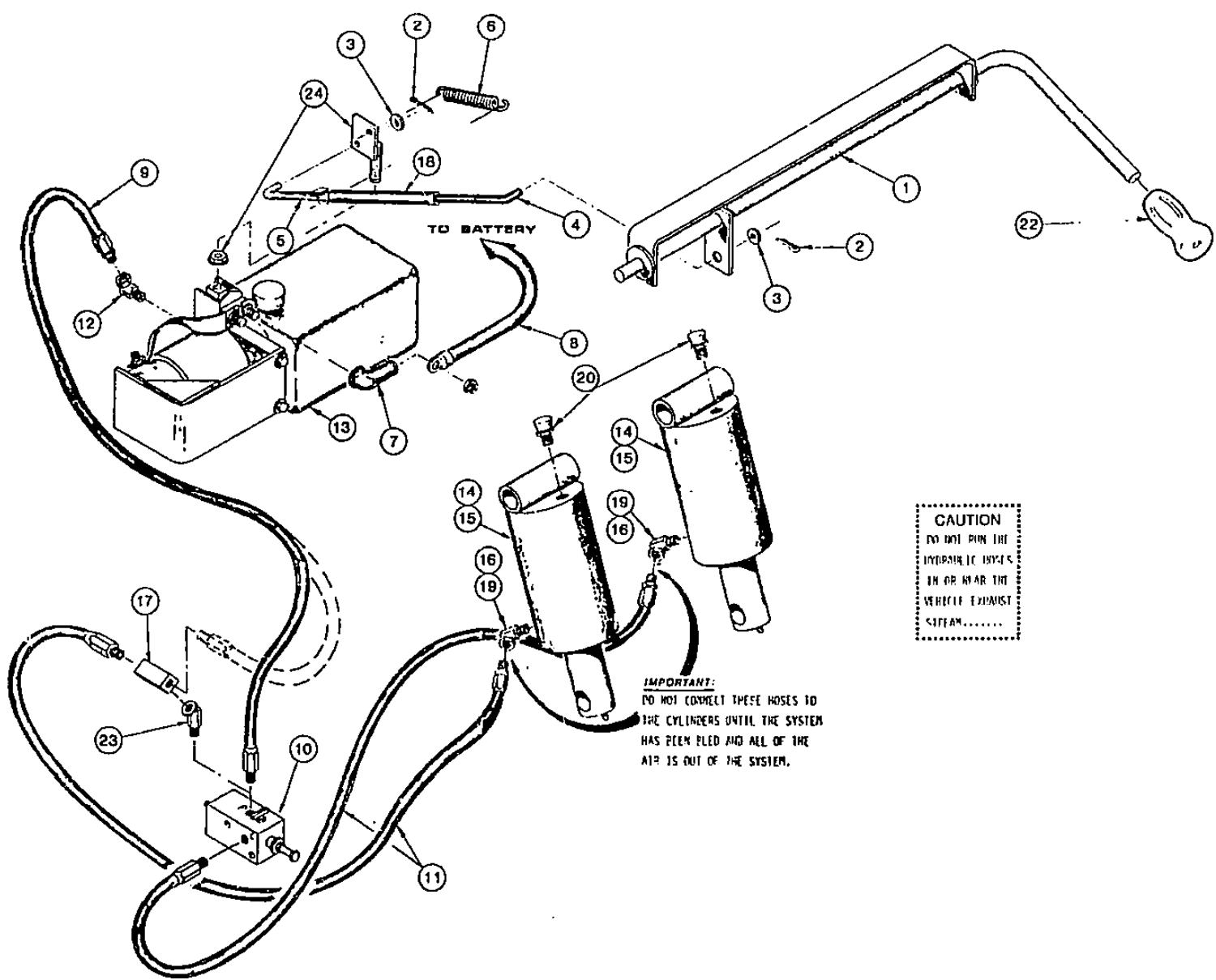
PM-4

ITEM	PART NUMBER	QTY	DESCRIPTION
1	10194000	1	Control Assembly
2	75084053	2	3/32" x 1" Cotter Pin
3	75088052	2	5/16" Flat Washer
4	10191100	1	Control Rod
5	20291000	1	Control Rod Assembly
6	75089751	1	1/2" x 4" Extension Spring
7	75089327	1	Rubber Boot
8	10195625	1	2 Ga. x 25 Ft. Battery Cable
9	75083062	1	1/4" ID x 48" Hose Assembly
10	70114000	1	Flow Control Valve
11	75083066	1	1/4" ID x 19" Hose Assembly
12	75083035	2	3/8" Male x 1/4" Female 90° Elbow
13	22195000 ^A	1	Hydraulic Pump Unit
14	20280010	1	Hydraulic Cylinder Assembly (1092)
	10380050	1	Hydraulic Cylinder Assembly (1093)
15	10191200	1	Control Rod Tube (12")
16	75089310	1	Cylinder Breather
18	10194500	1	Pump Bracket Assembly
19	75089330	1	Rubber Grip
20	22194000	1	Valve Lever Assembly

A. When ordering a complete replacement pump, please use part number [70400300](#)

ELECTRO HYDRAULIC LAYOUT

(Built thru 2-94)



WALTCO
TRUCK EQUIPMENT CO.
1094, 1095, 1096

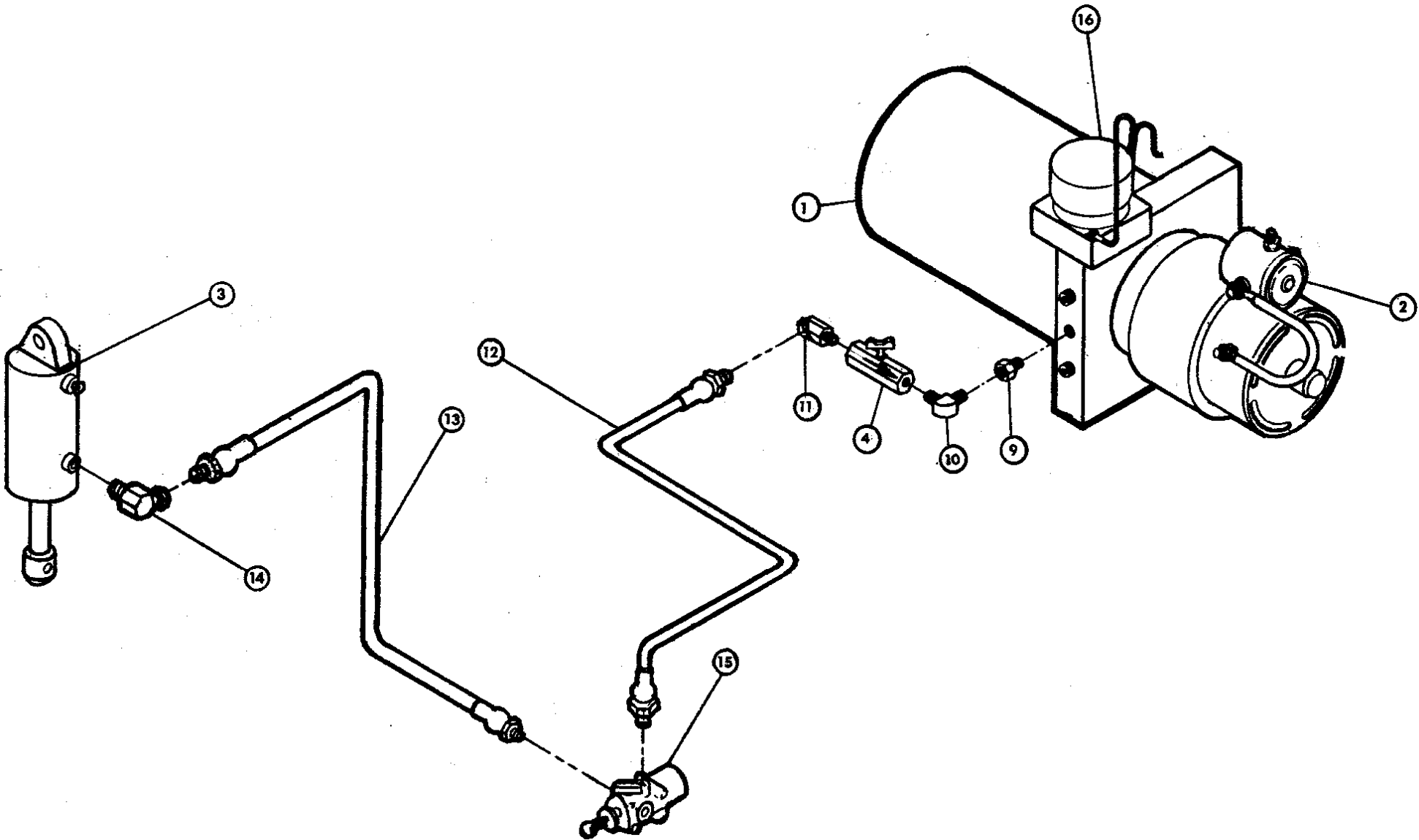
REVISED: 6-1-04
E.O. 5221C
REV. 03

PM-5

ITEM	PART NUMBER	QTY	DESCRIPTION
1	10194000	1	Control Assembly
2	75084053	2	3/32" x 1" Cotter Pin
3	75088052	2	5/16" Flat Washer
4	10191100	1	Control Rod
5	20291000	1	Control Rod Assembly
6	75089751	1	1/2" x 4" Extension Spring
7	75089327	1	Rubber Boot
8	10195625	1	2 Ga. x 25 Ft. Battery Cable
9	75083060	1	3/8" ID x 48" Hose Assembly
10	70114000	1	Flow Control Valve
11	75083066	2	1/4" ID x 19" Hose Assembly
12	75083036	1	3/8" NPT x 90° Elbow
13	20495000 ^A	1	Hydraulic Pump Unit
14	10480050	1	Hydraulic Cylinder Assembly (2 on 1096)
15	10380050	2	Hydraulic Cylinder Assembly (1095)
16	75083031	2	1/4" x 90° Elbow (1 on 1094)
17	75082858	1	1/4" Tee, Male on Side (1095, 1096)
18	10191200	1	Control Rod Tube (12")
19	75083035	2	3/8" Male x 1/4" Female 90° Elbow (1095)
20	75089310	1	Cylinder Breather
22	75089330	1	Rubber Grip
23	75083016	1	1/4" x 45° Elbow (1095, 1096)
24	22194000	1	Valve Lever Assembly

A. When ordering a complete replacement pump, please use part number [70400475](#)

HYDRAULIC LAYOUT
(Built thru 2-94)



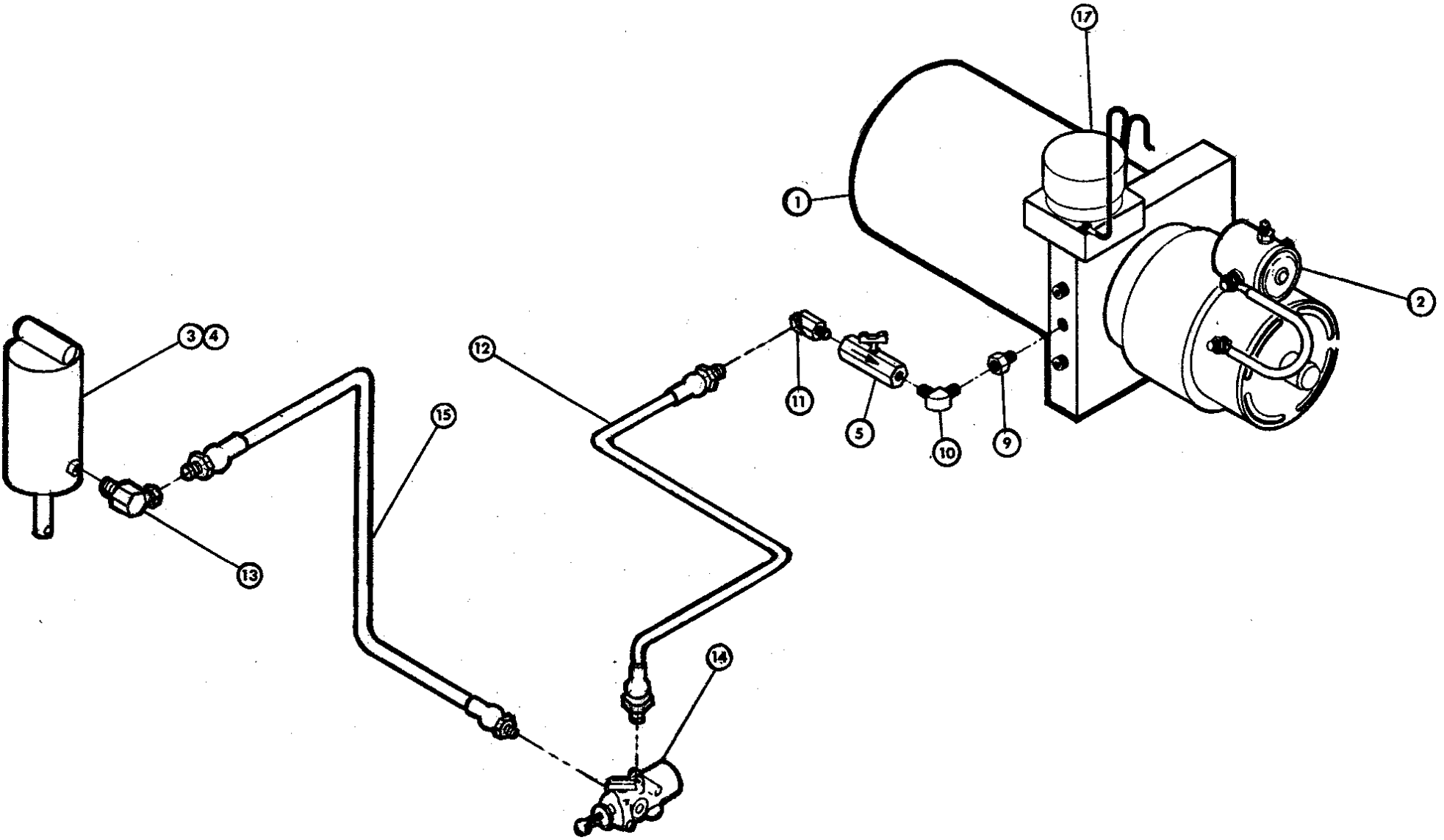
WALTCO
TRUCK EQUIPMENT CO.
MD Series

REVISED: 4-1-05
E.O. 5221G
REV. 05
80100130

ITEM	PART NUMBER	QTY	DESCRIPTION
1	30195000 ^A	1	Hydraulic Pump Unit
2	80001065	1	Solenoid Kit
3	22280050	1	Hydraulic Cylinder Assembly
4	70189860	1	Flow Control Valve
9	75082908	1	Adapter
10	75082611	1	90° Elbow
11	75083016	1	45° Swivel Elbow
12	75083062	1	Hose Assembly
13	75083066	1	Hose Assembly
14	75083031	1	90° Elbow
15	70114000	1	Flow Control Valve
16	70091631	1	Release Solenoid

A. When ordering a complete replacement pump, please use part number [70400000](#)

HYDRAULIC LAYOUT
(Built thru 2-94)



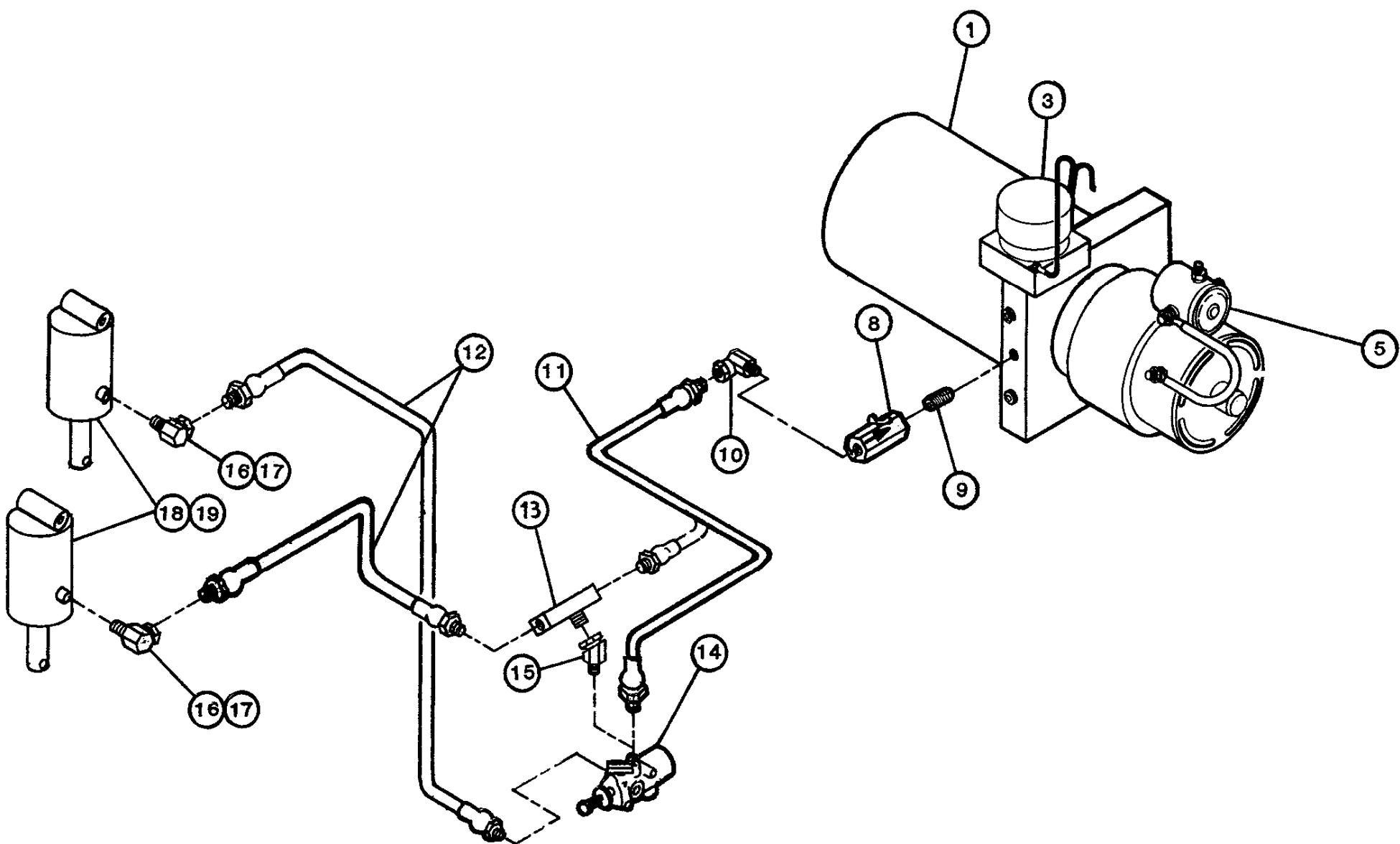
WALTCO
TRUCK EQUIPMENT CO.
1092, 1093

REVISED: 4-1-05
E.O. 5221G
REV. 05
80100302

ITEM	PART NUMBER	QTY	DESCRIPTION
1	30195000 ^A	1	Hydraulic Pump Unit
2	80001065	1	Solenoid Kit
3	20280010	1	Hydraulic Cylinder Assembly (1092)
4	10380050	1	Hydraulic Cylinder Assembly (1093)
5	70189860	1	Flow Control Valve
9	75082908	1	Adapter
10	75082611	1	90° Elbow
11	75083016	1	45° Swivel Elbow
12	75083062	1	Hose Assembly
13	75083035	1	90° Swivel Elbow
14	70114000	1	Flow Control Valve
15	75083066	1	Hose Assembly
17	70091631	1	Release Solenoid

A. When ordering a complete replacement pump, please use part number 70400000

HYDRAULIC LAYOUT
(Built thru 2-94)



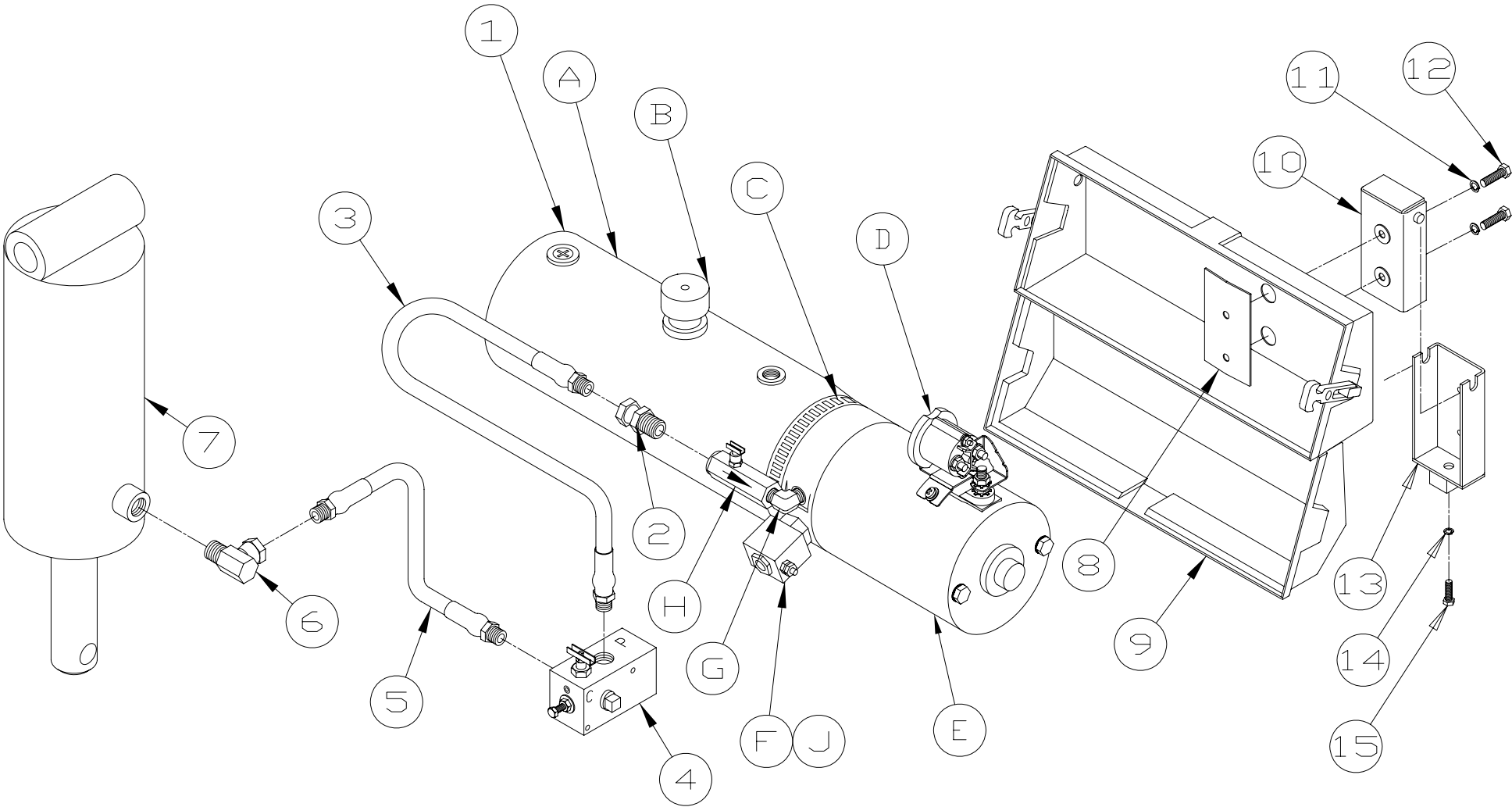
WALTCO
TRUCK EQUIPMENT CO.
1094, 1095, 1096

REVISED: 9-1-04
E.O. 5221F
REV. 03
80100127

ITEM	PART NUMBER	QTY	DESCRIPTION
1	35495001 ^A	1	Hydraulic Pump Unit
3	70091631	1	Release Solenoid
5	80001065	1	Solenoid Kit
8	70189861	1	Flow Control Valve
9	75082613	1	Pipe Nipple
10	75083036	1	90° Swivel Elbow
11	75083060	1	Hose Assembly
12	75083066	2	Hose Assembly (1 on 1094)
13	75082858	1	Tee (1095, 1096)
14	70114000	1	Flow Control Valve
15	75083016	1	45° Swivel Elbow (1095, 1096)
16	75083031	2	90° Swivel Elbow (2 on 1095, 1 on 1094)
17	75083035	2	90° Elbow (1095)
18	10380050	2	Hydraulic Cylinder (1095)
19	10480050	2	Hydraulic Cylinder (1 on 1094)

A. When ordering a complete replacement pump, please use part number [70400150](#)

ELECTRIC CONTROLS – ELECTROPA K®
(Built 2-94 thru 7-04)



WALTCO
TRUCK EQUIPMENT CO.
1092, 1093

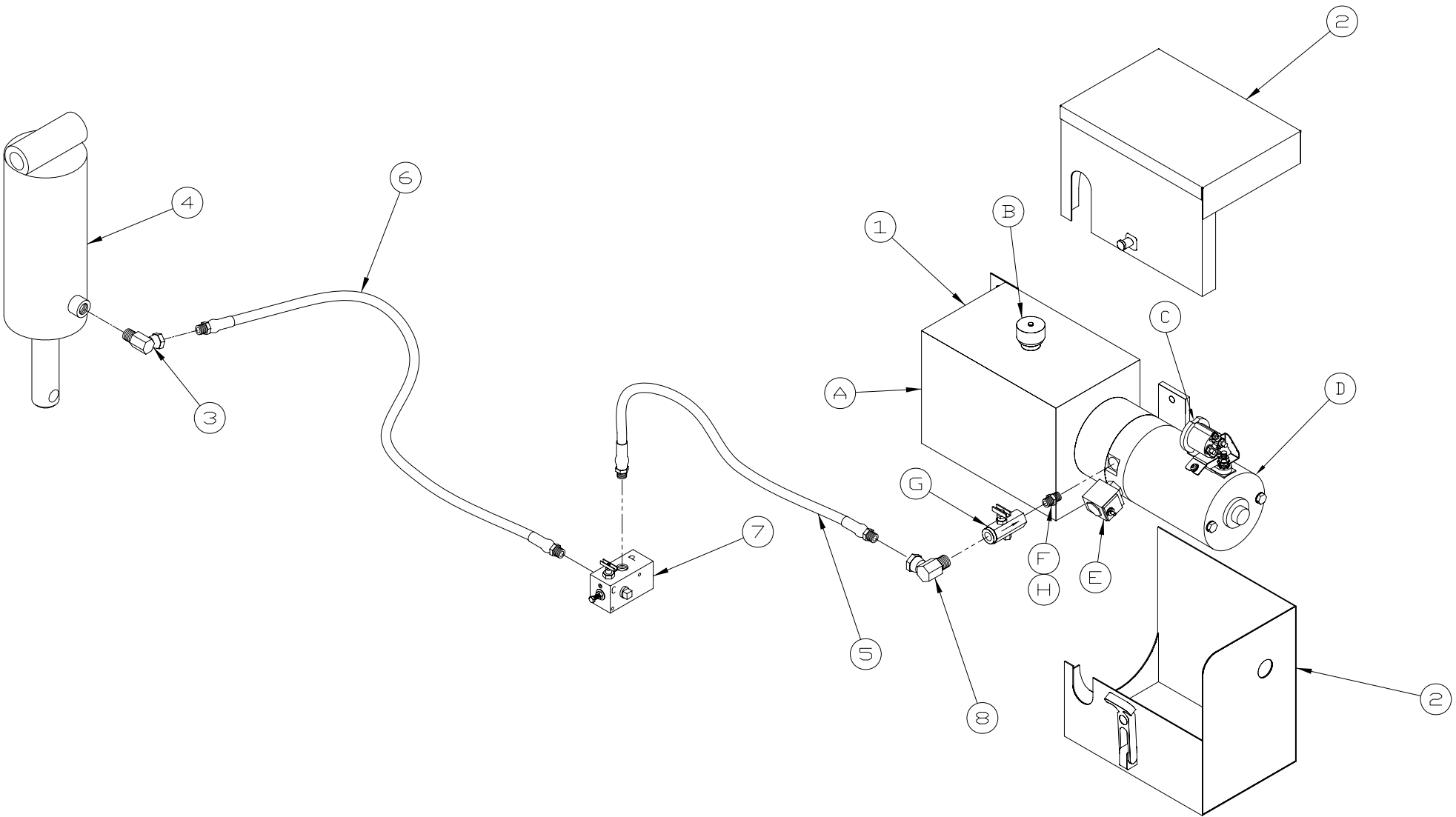
REVISED: 8-1-09
E.O. 6251
REV. 05

PM-339

ITEM	PART NUMBER	QTY	DESCRIPTION
1	70400000	1	Hydraulic Pump Unit
	70400700	1	Hydraulic Pump Unit
A	70400001 ^A	1	Hydraulic Reservoir
B	70091734 ^A	1	Breather
C	70400002 ^A	1	Reservoir Clamp
D	80001065 ^{AB}	1	Solenoid Kit
E	7043001-1 ^{AB}	1	Motor
F	70092503 ^A	1	Release Valve with Coil
G	75082611 ^A	1	90° Male Elbow
H	70189860 ^A	1	Flow Control Valve
J	70402303 ^A	1	Coil, 10V, 25A
2	75082912	1	Adapter, Straight Swivel
3	75083062	1	Hose Assembly
4	70114000	1	Flow Control Valve
5	75083066	1	Hose Assembly
6	75083035	1	90° Swivel Elbow
7	20280010	1	Hydraulic Cylinder (1092 Only)
	10380050		Hydraulic Cylinder (1093 Only)
8	10021400	1	Pump Bracket Plate
9	10090500	1	Pump Cover Assembly
10	10021000	1	Pump Mounting Bracket
11	75088081	2	3/8" Lock Washer
12	75086056	2	3/8"-16 x 1" Grade 5 Hex Bolt
13	10021500	1	Pump Mounting Bracket
14	75088083	1	1/2" Lock Washer
15	75086108	1	1/2"-13 x 1-1/2" Hex Bolt

^A These parts included in 70400000 Assembly
^B Included in motor assembly 70400854
Parts 1,8-12 included in 10090800 Hydraulic Assembly

HYDRAULIC LAYOUT
(Built 2-94 thru 7-04)



WALTCO
TRUCK EQUIPMENT CO.
1094

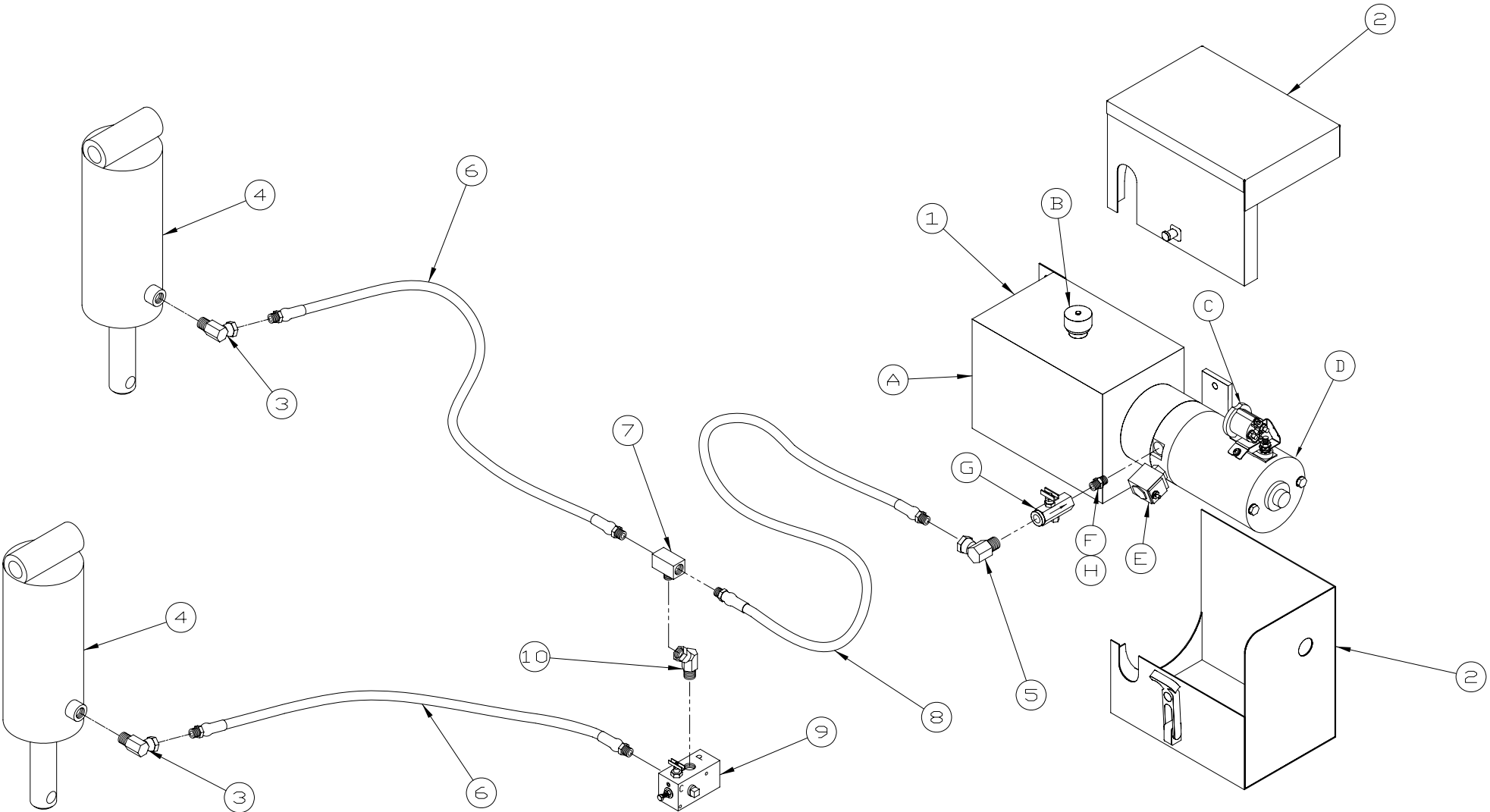
REVISED: 8-1-09
E.O. 6251
REV. 04

PM-91

ITEM	PART NUMBER	QTY	DESCRIPTION
1	70400150	1	Hydraulic Pump Unit
	70400850	1	Hydraulic Pump Unit
A	-----	1	Hydraulic Reservoir
B	70091734	1	Breather
C	80001065 ^A	1	Solenoid Kit
D	7043001-1 ^A	1	Motor
E	70092503	1	Lowering Solenoid Valve with Coil
F	75082613	1	3/8" Nipple
G	70189861	1	Flow Control Valve
H	70402303	1	Coil, 10V, 25A
2	20690500	1	Hydraulic Enclosure
3	75083031	1	90° Swivel Elbow
4	10480050	1	Hydraulic Cylinder
5	75083060	1	3/8" x 48" Hose Assembly
6	75083066	1	1/4" x 19" Hose Assembly
7	70114000	1	Flow Control Valve
8	75083036	1	90° Swivel Elbow

^A Included in motor assembly 70400854

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



WALTCO
TRUCK EQUIPMENT CO.
1095, 1096

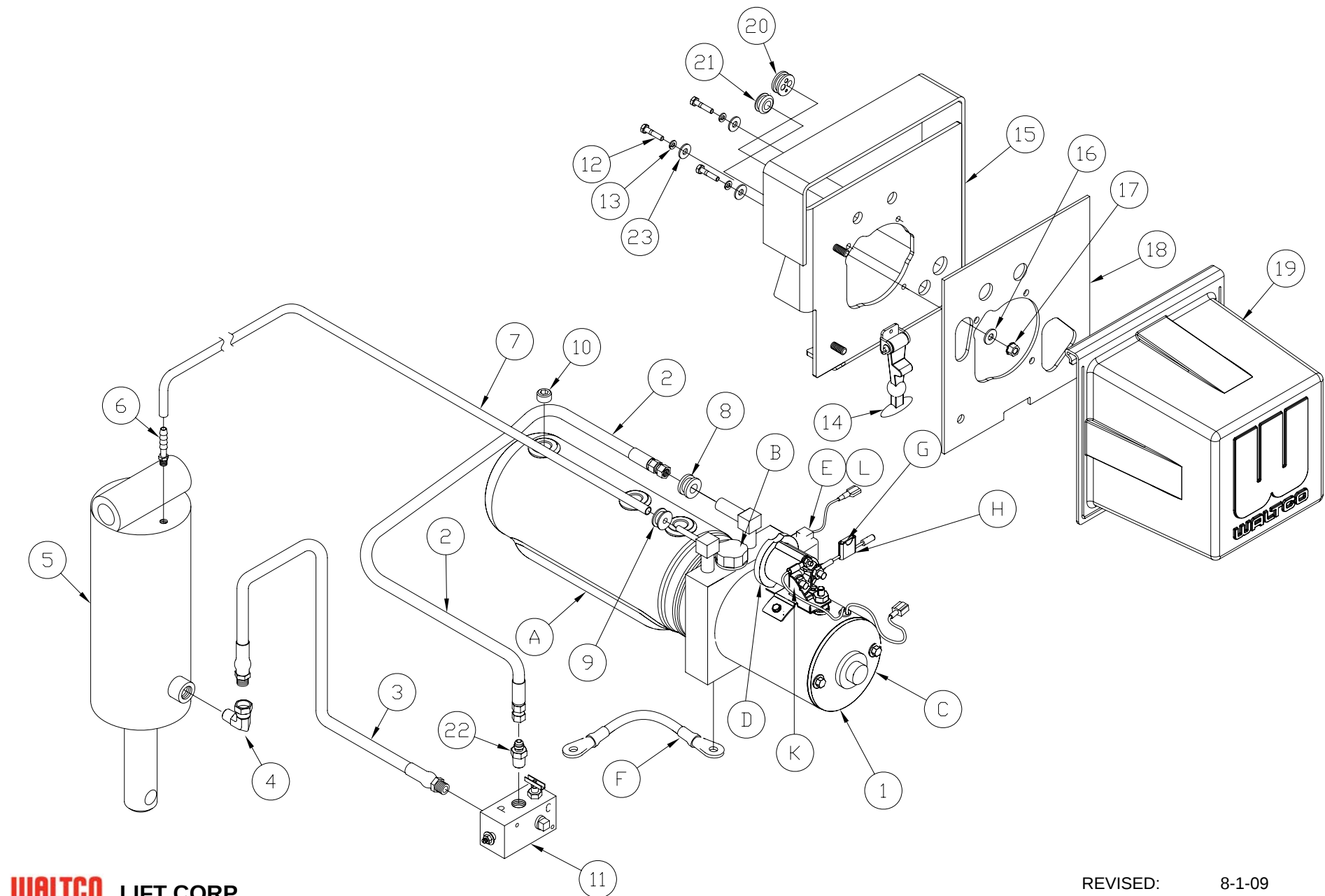
REVISED: 8-1-09
E.O. 6251
REV. 04

PM-92

ITEM	PART NUMBER	QTY	DESCRIPTION
1	70400150	1	Hydraulic Pump Unit
	70400850	1	Hydraulic Pump Unit
A	-----	1	Hydraulic Reservoir
B	70091734	1	Breather
C	80001065 ^A	1	Solenoid Kit
D	7043001-1 ^A	1	Motor
E	70092503	1	Release Valve with Coil
F	75082613	1	3/8" Nipple
G	70189861	1	Flow Control Valve
H	70402303	1	Coil, 10v, 25A
2	20690500	1	Hydraulic Enclosure
3	75083031	2	90° Swivel Elbow (1096)
	75083035		90° Swivel Elbow (1095)
4	10480050	2	Hydraulic Cylinder (1096)
	10380050		Hydraulic Cylinder (1095)
5	75083036	1	90° Swivel Elbow
6	75083066	2	1/4" x 19" Hose Assembly
7	75082858	1	Tee
8	75083060	1	3/8" x 48" Hose Assembly
9	70114000	1	Flow Control Valve
10	75083016	1	45° Swivel Elbow

^A Included in motor assembly 70400854

HYDRAULIC LAYOUT
(Built from 7-04 thru 4-10)



WALTCO LIFT CORP.
1092, 1093 SERIES

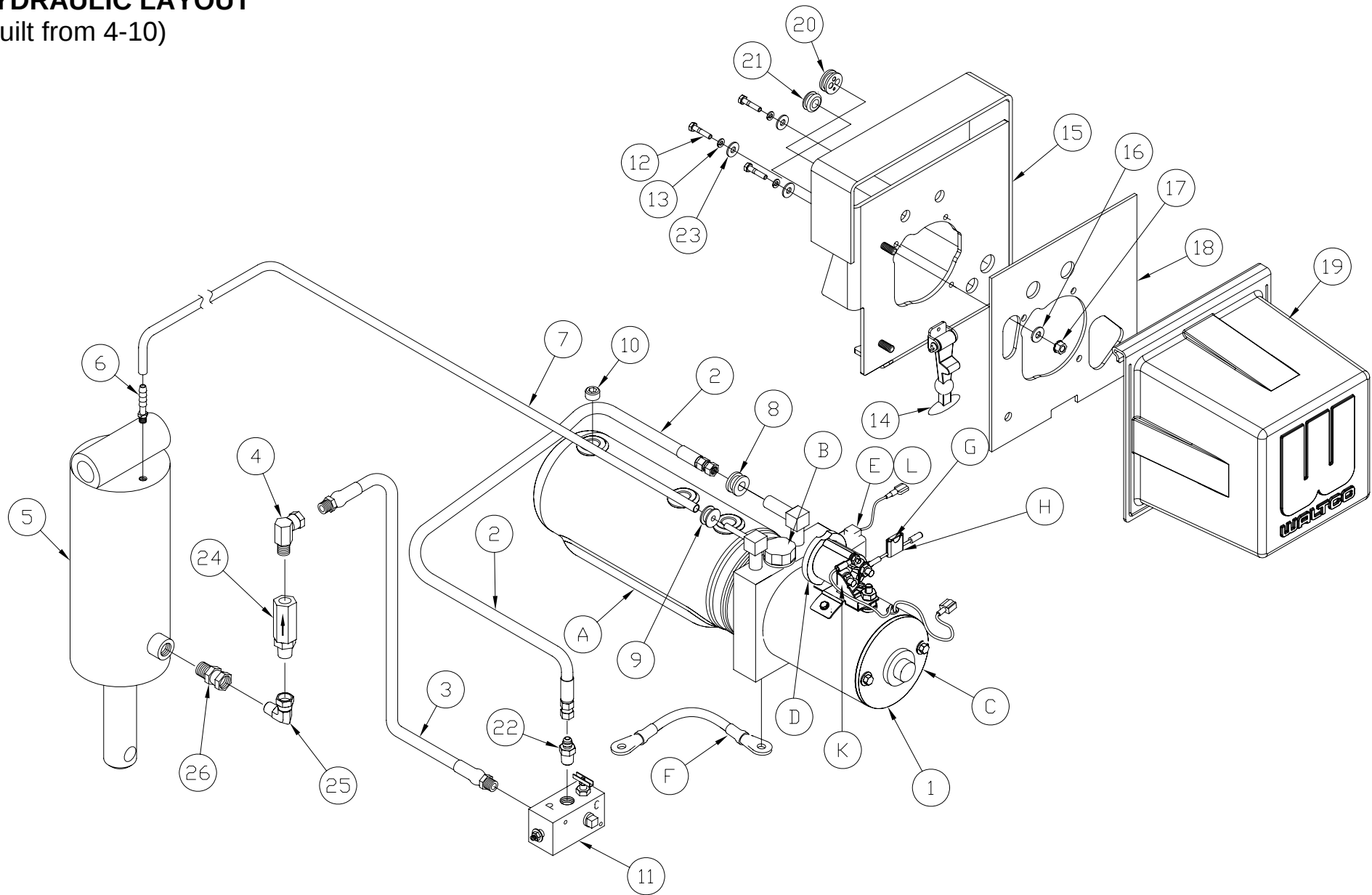
REVISED: 8-1-09
E.O. 6251
REV. 05

PM-426A

ITEM	PART NUMBER	QTY	DESCRIPTION
1	70430320	1	Hydraulic Pump Unit
A	70400001 ^B	1	Hydraulic Reservoir
B	70400004 ^B	1	Breather
C	7043001-1 ^{A,B}	1	Motor
D	75089833 ^{A,B}	1	Starter Solenoid
E	70092503 ^B	1	Valve Assembly, 2-way, 2 position with Coil
F	10098425 ^B	1	Controller
G	75089853 ^B	1	5 Amp Fuse
H	10099309 ^B	1	Inline Fuse Assembly (Includes Fuse 75089853)
J	10099310 ^B	1	Wire Lead
K	75089834 ^{A,B}	1	Bus Bar
L	70402303 ^B	1	Coil, 10V, 25A
2	75083201	1	Hose Assy, 1/4" JIC x 1/4" JIC, 57" Lg.
3	75083066	1	Hose Assy, 1/4" NPT x 1/4" NPT, 19" Lg.
4	75083035	1	90° Elbow, 3/8"M NPT x 1/4"F NPT
5	10380050	1	Hydraulic Cylinder
6	75082741	1	Barbed Fitting, 1/8 NPTF x 1/4" Straight
7	26299500	1	Hose, 1/4" I.D.
8	70401408	1	7/16" I.D. Grommet
9	70401409	1	1/4" I.D. Grommet
10	70091291	1	Steel Plug
11	70114000	1	Flow Control Valve
12	75086212	3	Pump Mount Bolt, 1/4"-20 x 1-1/4" lg.
13	75088079	3	1/4" Lock Washer
14	27391301	1	Cover Latch
15	10023100	1	Remote Pump Mounting Bracket
16	75088052	1	Flat Washer, 5/16 SAE
17	75085003	1	Serrated Hex Nut, 5/16"-18
18	10090460	1	Pump Cover Gasket
19	10090450	1	Pump Cover (with latch)
20	75090310	1	Grommet for Control Cord
21	75089334	1	Grommet for Battery Cable
22	75083039	1	Adapter, 1/4" M NPT x 1/4" M JIC
23	75088051	3	5/16" Flat Washer

^A Included in Motor Assembly 70400854.
^B Included in Pump Assembly 70430320.

HYDRAULIC LAYOUT
(Built from 4-10)



WALTCO LIFT CORP.
1092, 1093 SERIES

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

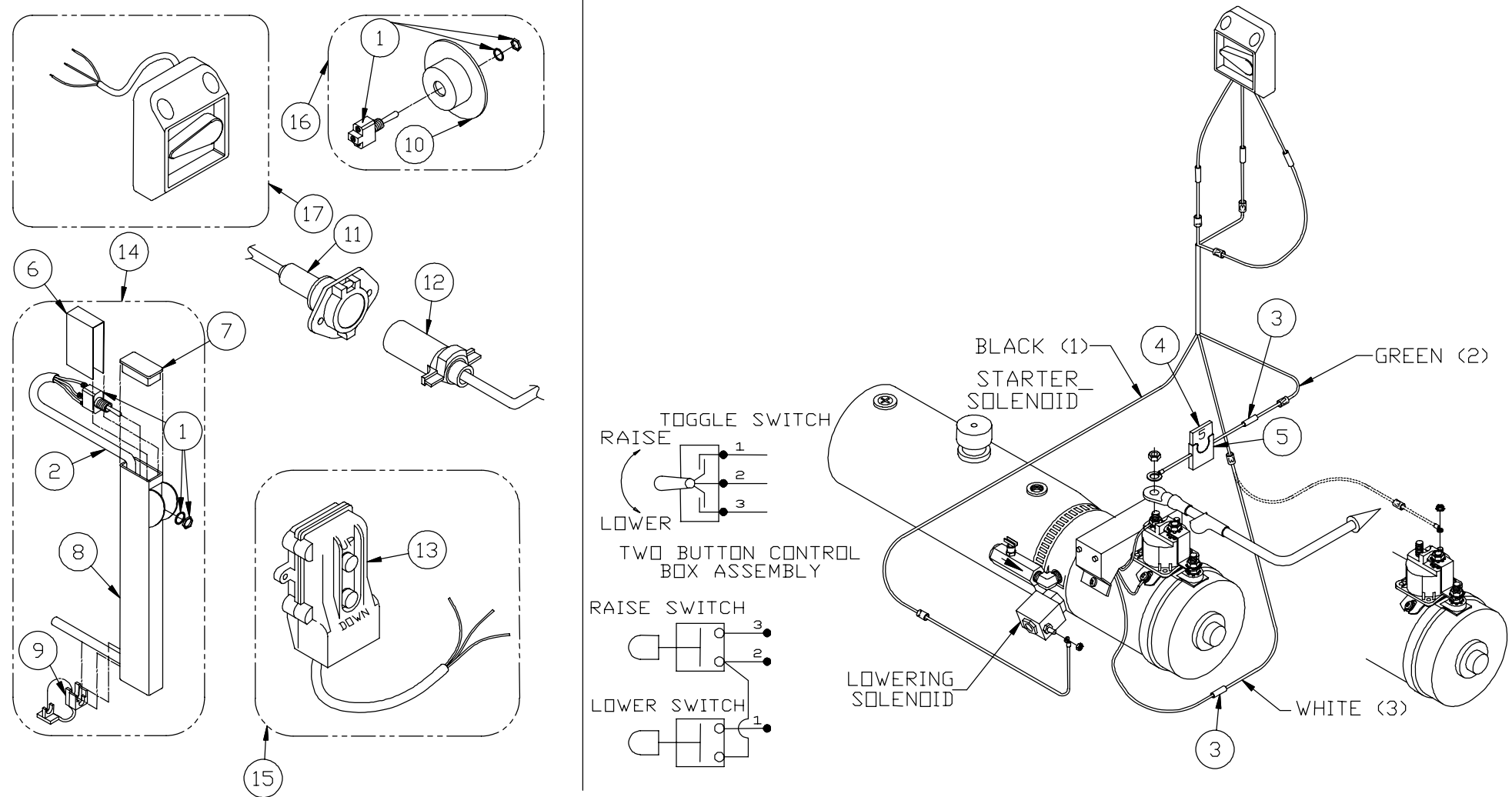
PM-426B

ITEM	PART NUMBER	QTY	DESCRIPTION
1	70430320	1	Hydraulic Pump Unit
A	70400001 ^B	1	Hydraulic Reservoir
B	70400004 ^B	1	Breather
C	7043001-1 ^{A,B}	1	Motor
D	75089833 ^{A,B}	1	Starter Solenoid
E	70092503 ^B	1	Valve Assembly, 2-way, 2 position with Coil
F	10098425 ^B	1	Controller
G	75089853 ^B	1	5 Amp Fuse
H	10099309 ^B	1	Inline Fuse Assembly (Includes Fuse 75089853)
J	10099310 ^B	1	Wire Lead
K	75089834 ^{A,B}	1	Bus Bar
L	70402303 ^B	1	Coil, 10V, 25A
2	75083201	1	Hose Assy, 1/4" JIC x 1/4" JIC, 57" Lg.
3	75083066	1	Hose Assy, 1/4" NPT x 1/4" NPT, 19" Lg.
4	75083035	1	90° Elbow, 3/8"M NPT x 1/4"F NPT
5	10380050	1	Hydraulic Cylinder
6	75082741	1	Barbed Fitting, 1/8 NPTF x 1/4" Straight
7	26299500	1	Hose, 1/4" I.D.
8	70401408	1	7/16" I.D. Grommet
9	70401409	1	1/4" I.D. Grommet
10	70091291	1	Steel Plug
11	70114000	1	Flow Control Valve
12	75086212	3	Pump Mount Bolt, 1/4"-20 x 1-1/4" lg.
13	75088079	3	1/4" Lock Washer
14	27391301	1	Cover Latch
15	10023100	1	Remote Pump Mounting Bracket
16	75088052	1	Flat Washer, 5/16 SAE
17	75085003	1	Serrated Hex Nut, 5/16"-18
18	10090460	1	Pump Cover Gasket
19	10090450	1	Pump Cover (with latch)
20	75090310	1	Grommet for Control Cord
21	75089334	1	Grommet for Battery Cable
22	75083039	1	Adapter, 1/4" M NPT x 1/4" M JIC
23	75088051	3	5/16" Flat Washer
24	70110020	1	Pressure Compensated Flow Control Valve, 2.75 GPM
25	75083036	1	90° Elbow, 3/8"M NPT x 3/8"F NPT

ITEM	PART NUMBER	QTY	DESCRIPTION
26	75082914	1	Adapter, 3/8"M NPT x 3/8"F NPT

^A Included in Motor Assembly 70400854.
^B Included in Pump Assembly 70430320.

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

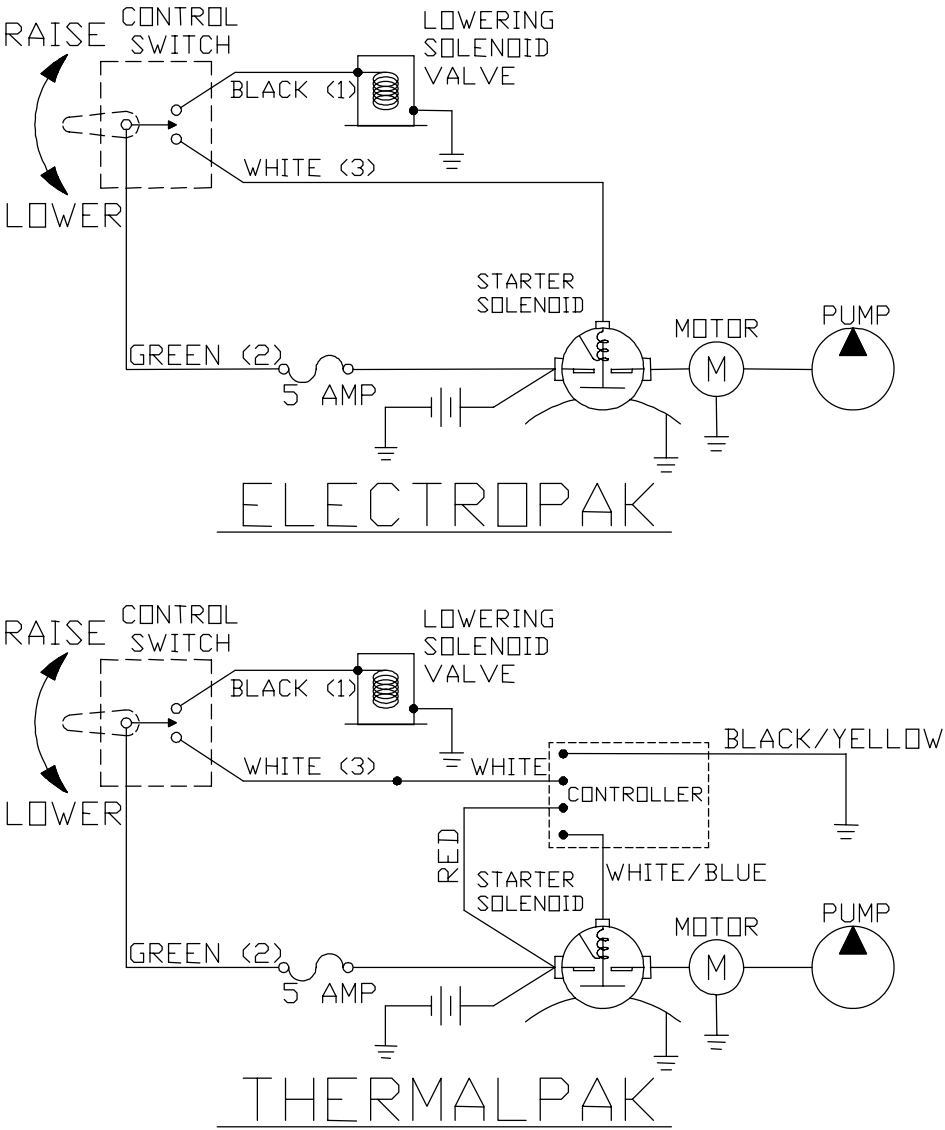


WALTCO
TRUCK EQUIPMENT CO.

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

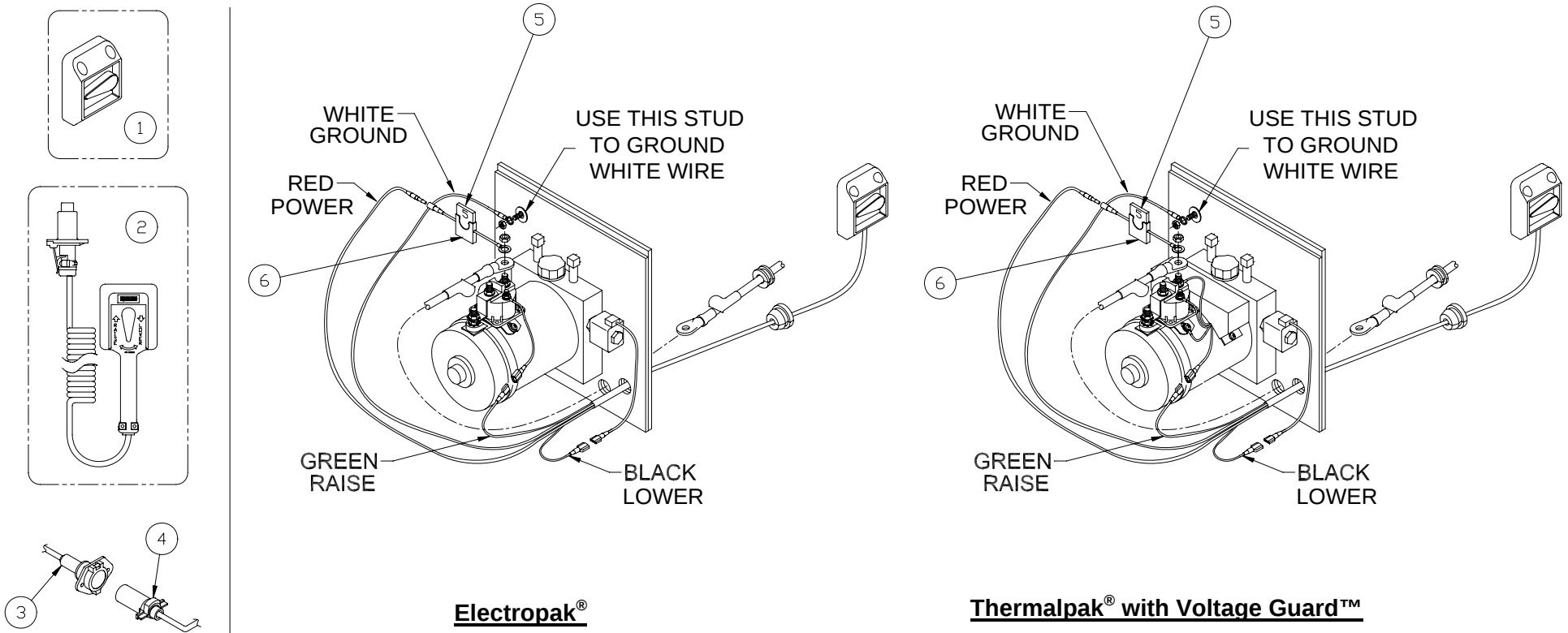
PM-343

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			

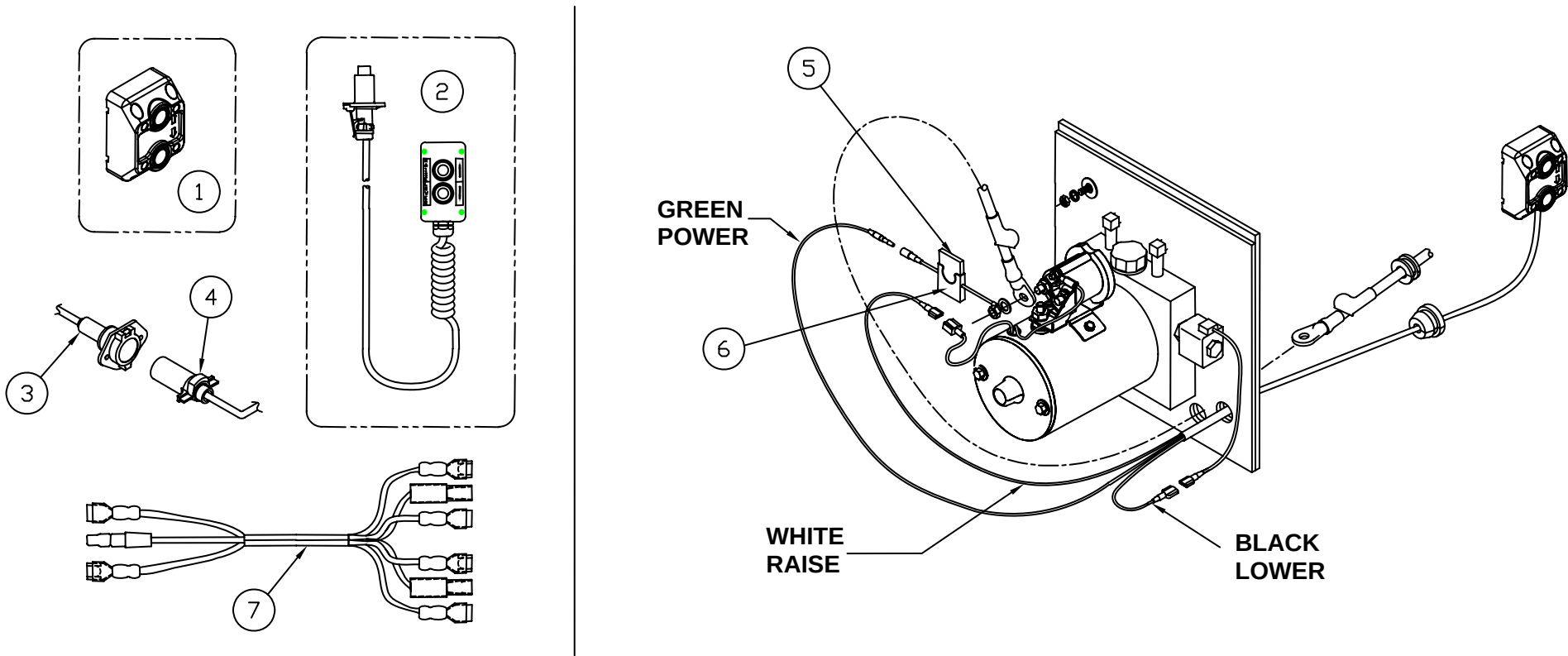


WIRE No.	COLOR	FUNCTION
1	BLACK	LOWER (DOWN)
2	GREEN	HOT (POWER)
3	WHITE	RAISE (UP)

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



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



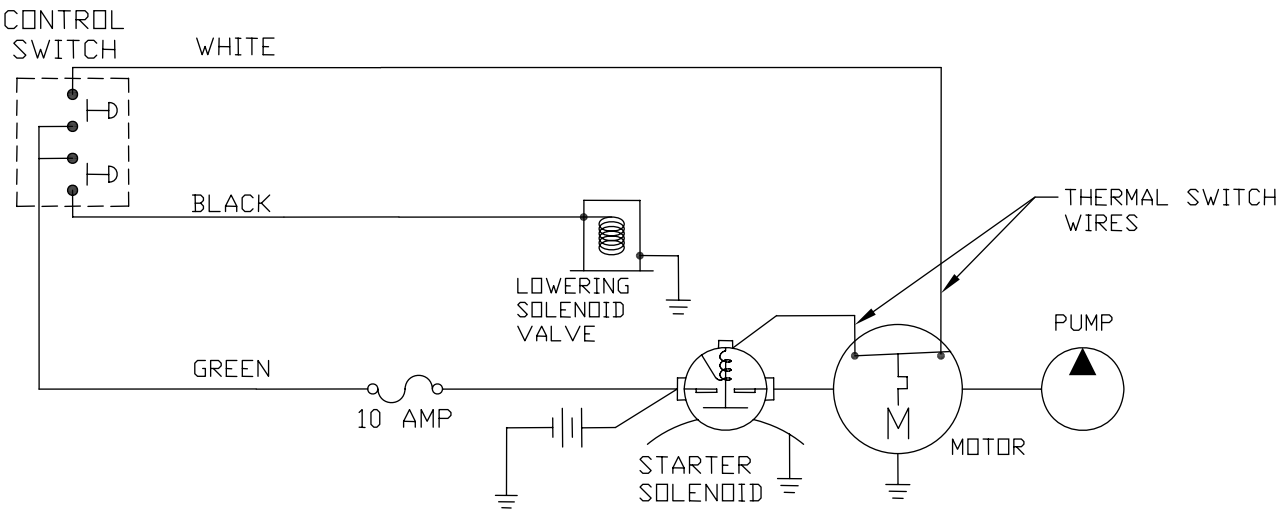
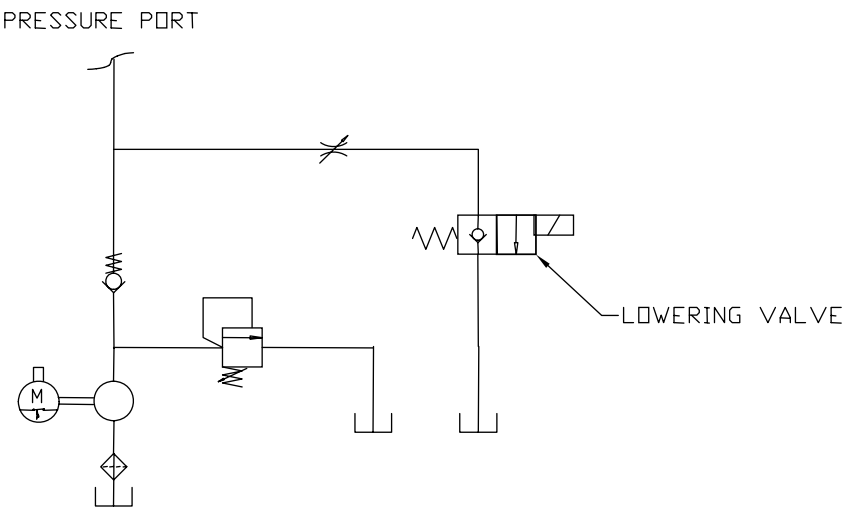
WALTCO LIFT CORP.

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

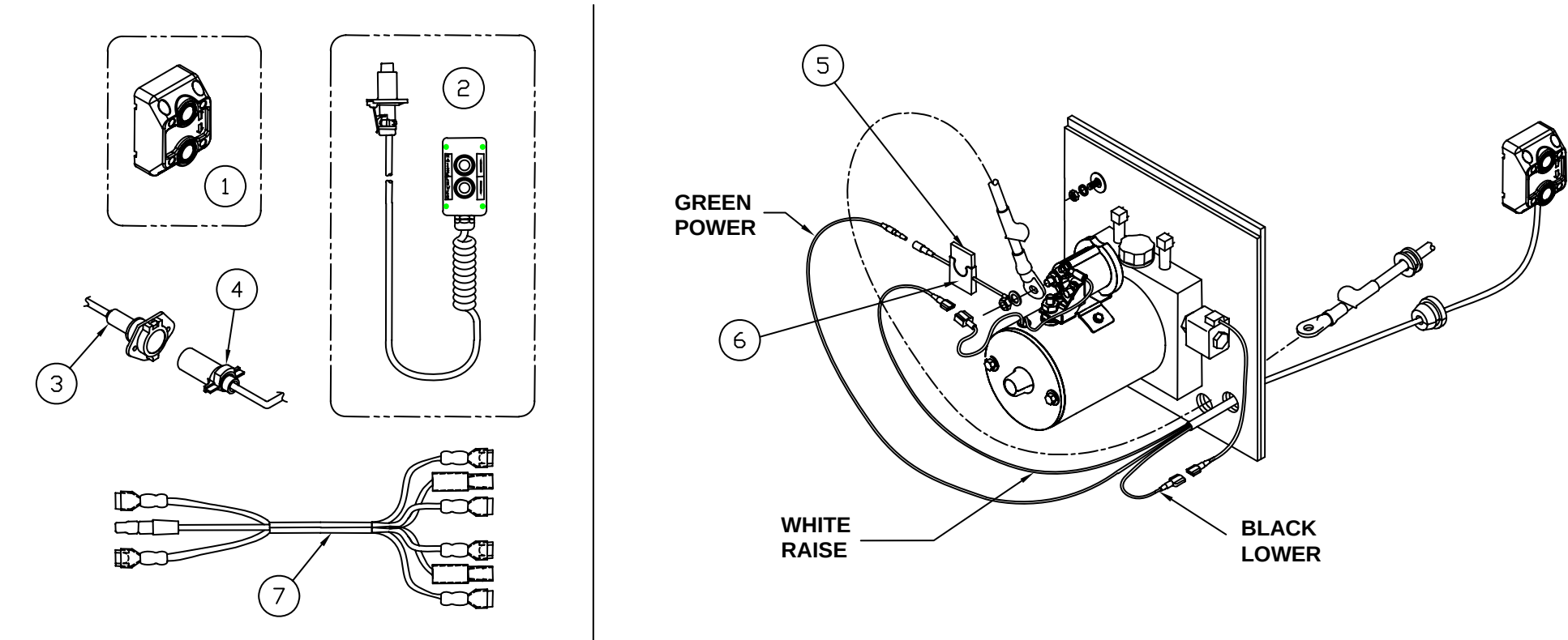
PM-617A

	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)



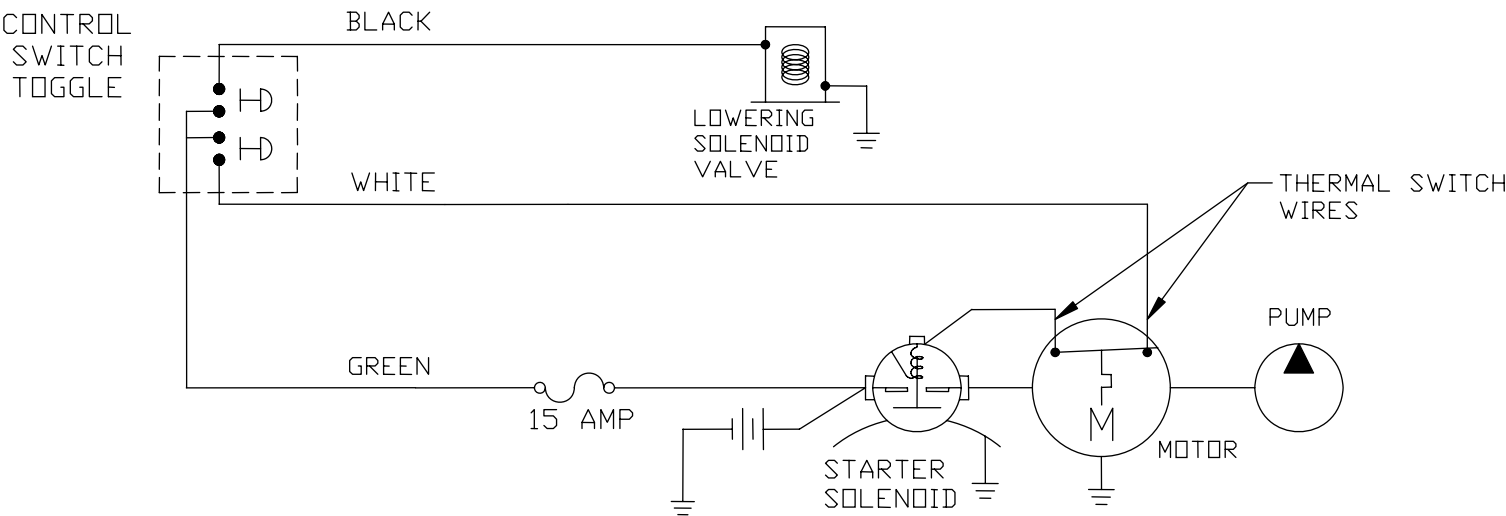
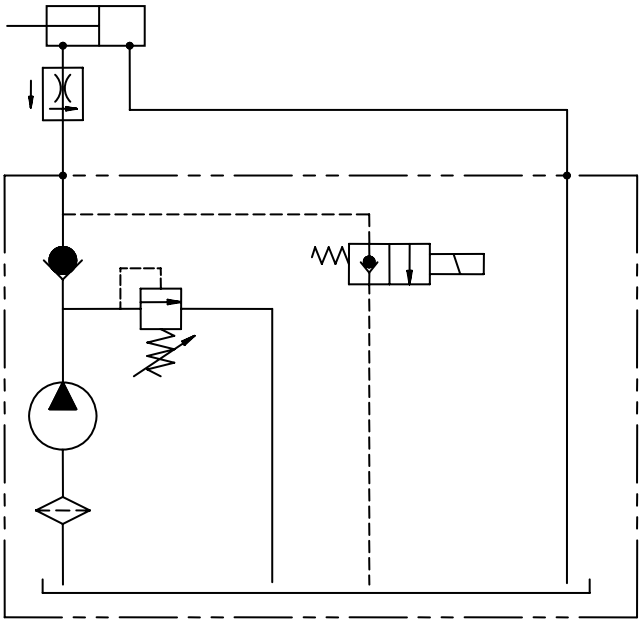
WALTCO LIFT CORP.

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.



1090 & MD 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.
20280010	Lift Cylinder	PM-263
10380050	Lift Cylinder	PM-212
10480050	Lift Cylinder	PM-215
22280050	Lift Cylinder	PM-209

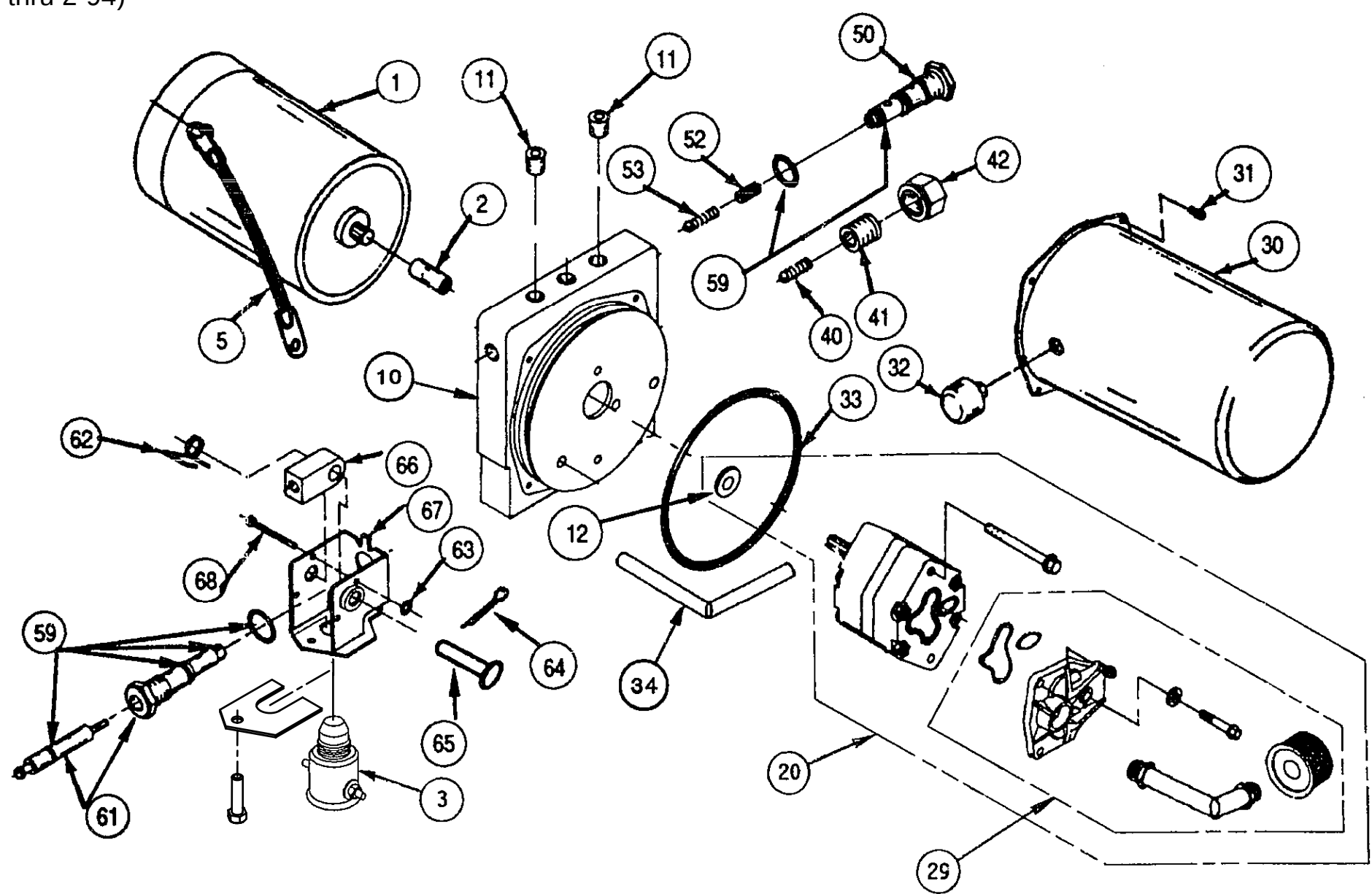
HYDRAULIC PUMPS

Part Number	Description	Pump Mfr.	PM No.
22195000	Hydraulic Pump Assembly	Fenner	PM-110B
70400300	Hydraulic Pump Assembly	Monarch	PM-398
20495000	Hydraulic Pump Assembly	Fenner	PM-112B
70400475	Hydraulic Pump Assembly	Monarch	PM-397
30195000	Hydraulic Pump Assembly	Fenner	PM-111B
35495000	Hydraulic Pump Assembly	Fenner	PM-108B
70400000	Hydraulic Pump Assembly	Monarch	PM-352
70400150	Hydraulic Pump Assembly	Monarch	PM-462
70400850	Hydraulic Pump Assembly	Monarch	PM-462
70400700	Hydraulic Pump Assembly	Monarch	PM-352
70401950	Hydraulic Pump Assembly	Monarch	PM-555
70430320	Hydraulic Pump Assembly	Monarch	PM-555

VALVES

Part Number	Description	PM No.
70114000	Flow Control Valve	PM-48

SOLENOID OPERATED PUMP UNIT
(Built thru 2-94)



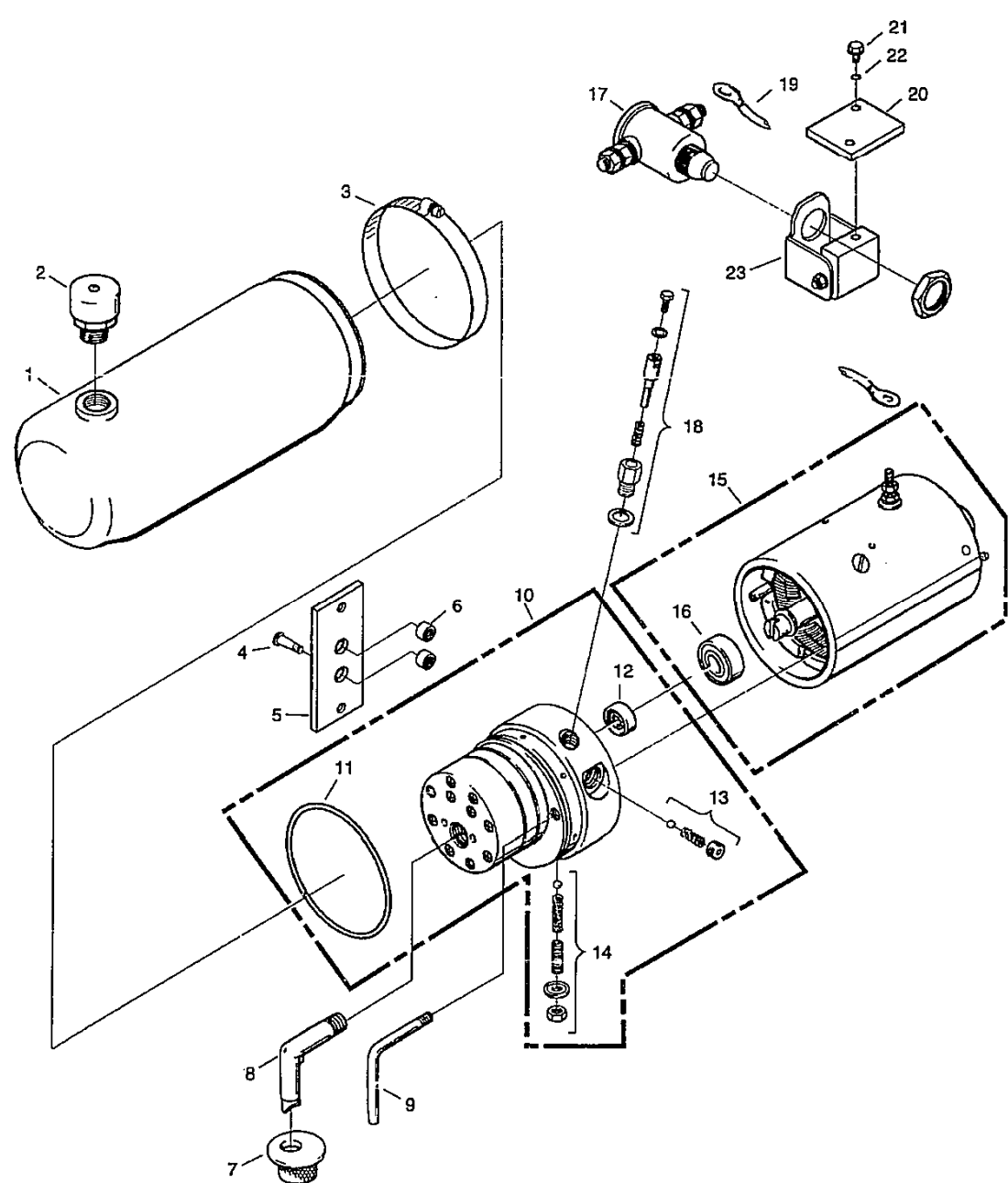
WALTCO
TRUCK EQUIPMENT CO.
22195000

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)



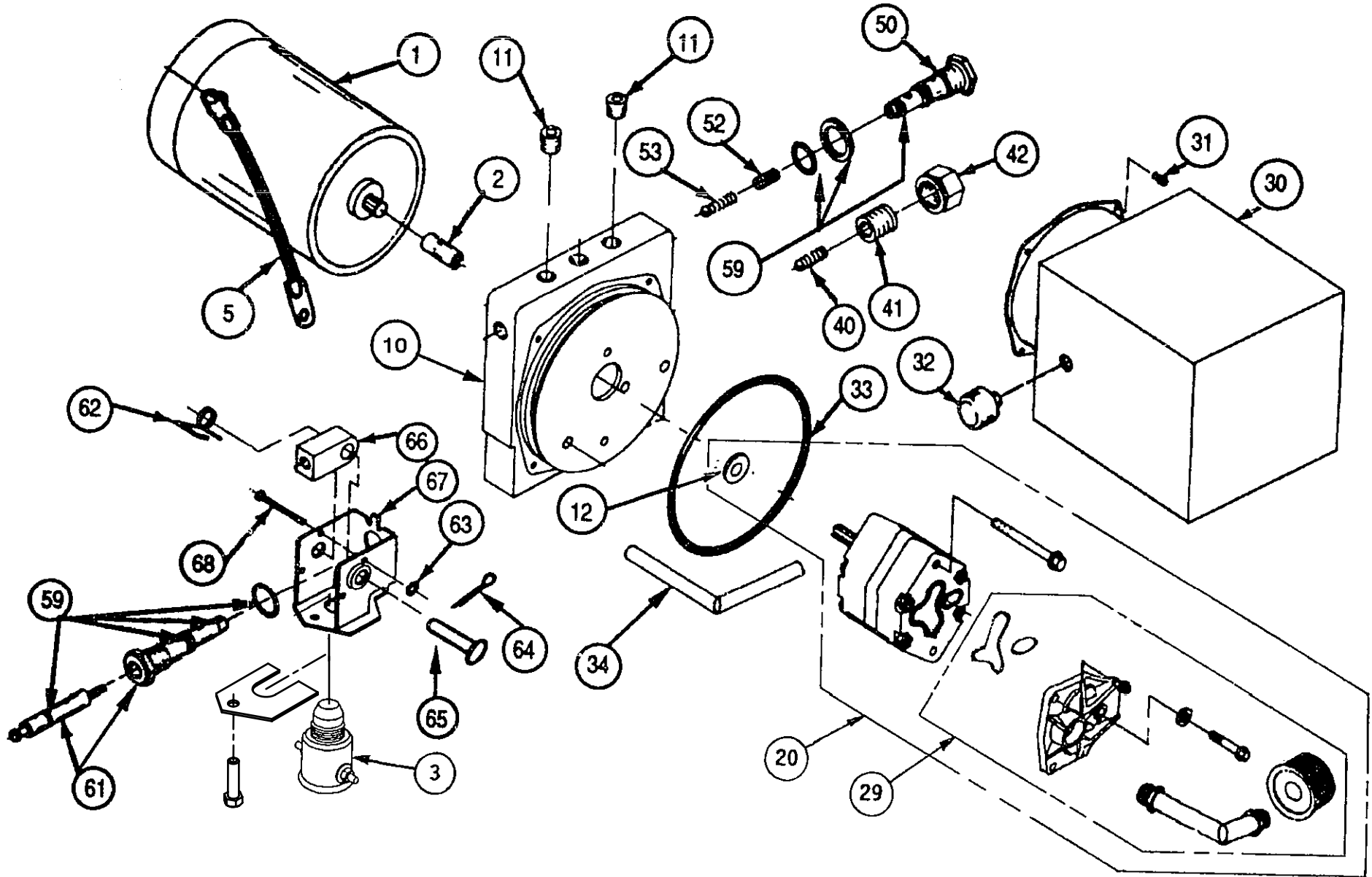
WALTCO
TRUCK EQUIPMENT CO.
70400225, 70400300,
70400500

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

SOLENOID OPERATED PUMP UNIT
(Built thru 2-94)



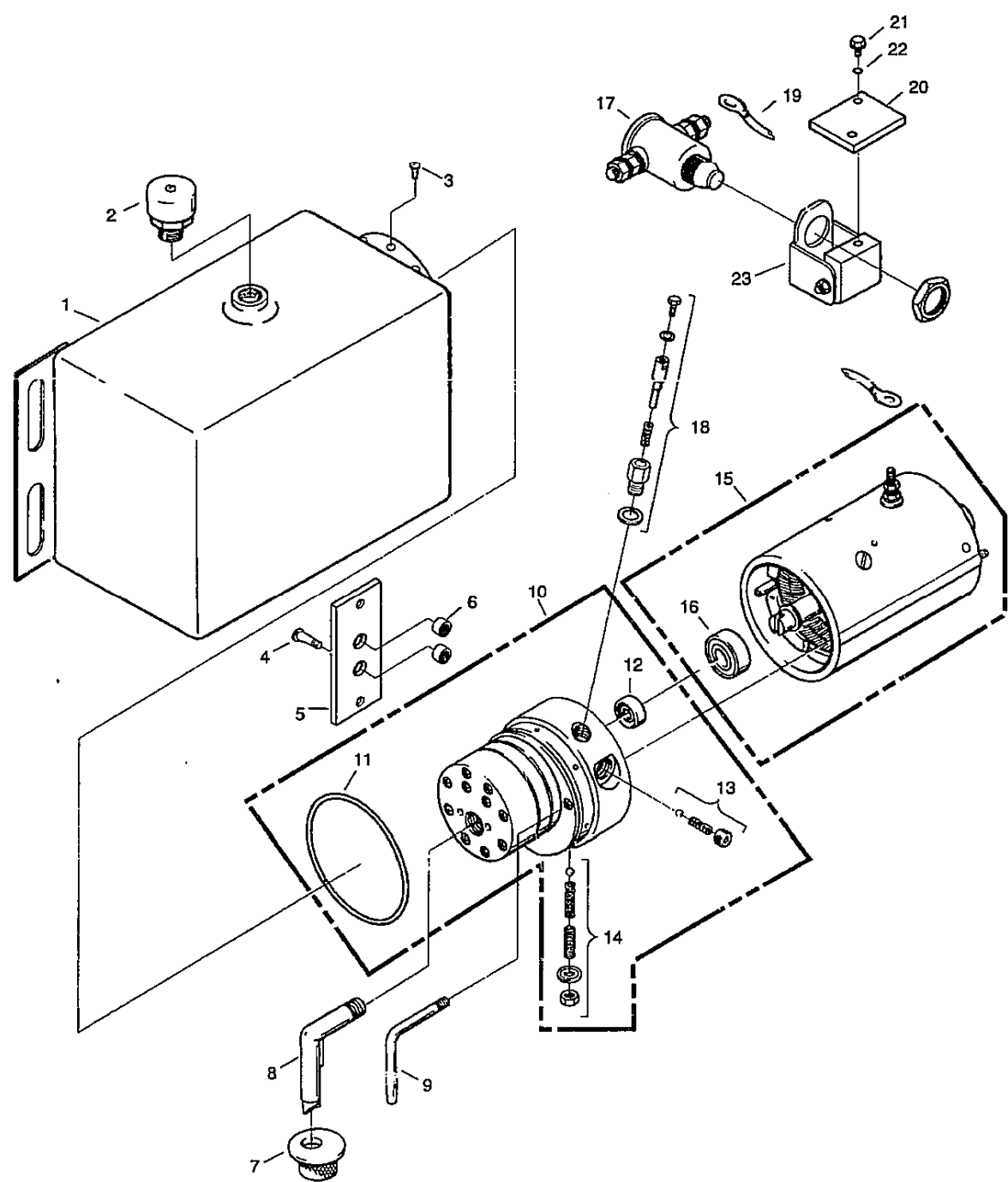
WALTCO
TRUCK EQUIPMENT CO.
20495000

REVISED: 8-1-09
E.O. 6251
REV. 05
PM-112B

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	70091614	1	Pump Assembly Kit
29	70091759	1	Suction Cover Kit
30	70091462	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 Kit
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

70400475
(Service Pump for 20495000)



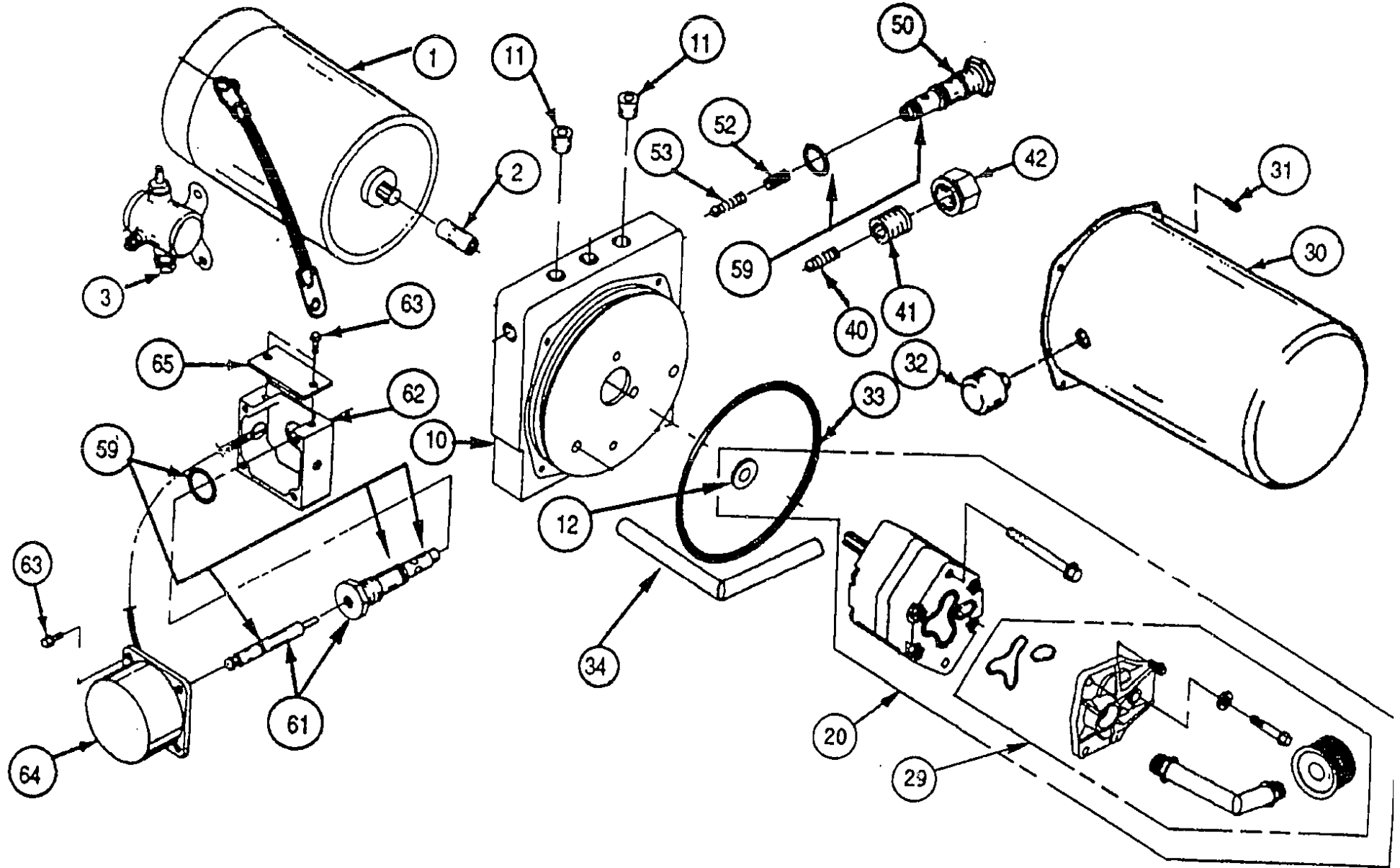
WALTCO
TRUCK EQUIPMENT CO.
70400475

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

PM-397

ITEM	PART NUMBER	QTY	DESCRIPTION
1	70400176	1	Reservoir
2	70400004	1	Plug, Vent, 3/8" NPT
3	70091738	6	Self Tapping Screw
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	Screw, Filter (Suction)
8	70400486	1	Tube, Filler 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, 12V
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

SOLENOID OPERATED PUMP UNIT
(Built thru 2-94)



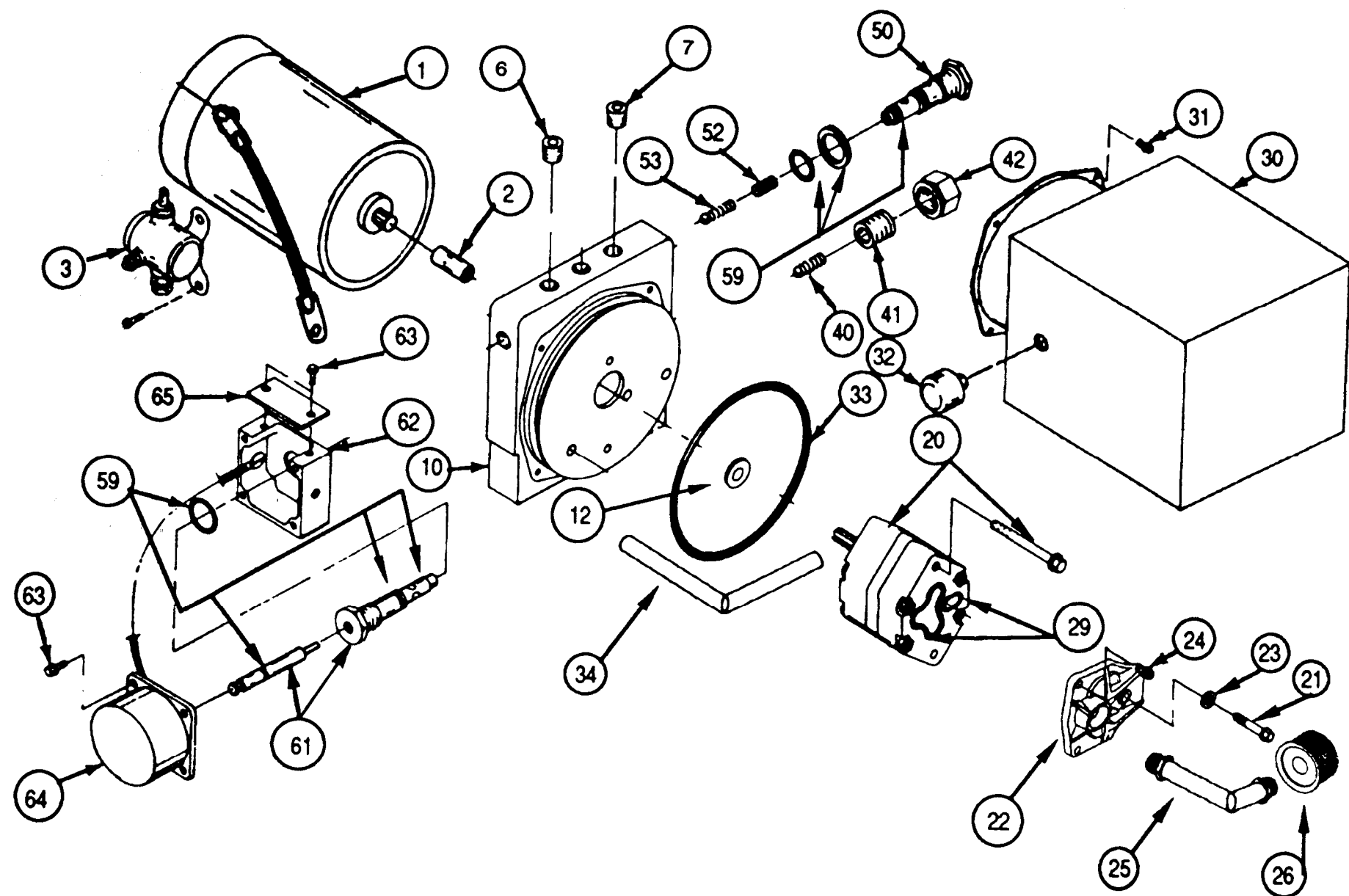
WALTCO
TRUCK EQUIPMENT CO.
30195000, 33095001,
33595001

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

SOLENOID OPERATED PUMP UNIT
(Built thru 2-94)

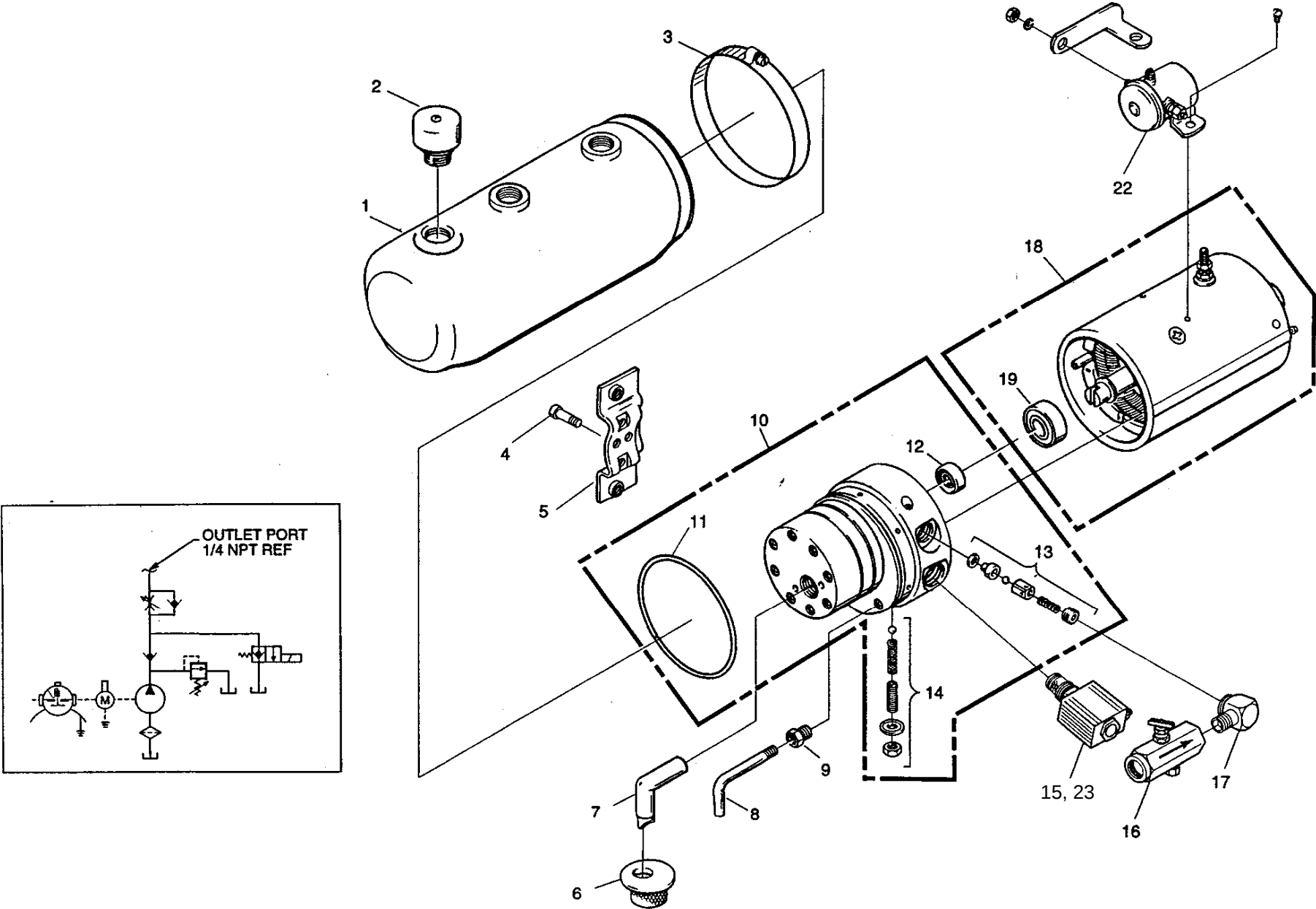


WALTCO
TRUCK EQUIPMENT CO.
35495000 / 35595000 /
37495000 / 37595000

REVISED: 8-1-09
E.O. 6251
REV. 05
PM-108B

ITEM	PART NUMBER	QTY	DESCRIPTION
1	U25163	1	Motor
2	70091618	1	Coupling
3	80001065	1	Solenoid Kit
6	70091291	1	Plug (Series I)
	75082908	1	Bushing (Series II)
7	70091291	1	Plug (Series I)
	75082903	1	Bushing (Series II)
10	70091274	1	End Head
12	70091629	1	Shaft Seal
20	70091614	1	Pump Assembly Kit
29	70091759	1	Suction Cover Kit
30	70091462	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	70091685	1	Release Valve Assembly Complete
62	70091358	1	Solenoid Bracket
63	70091352	6	Screw
64	70091631	1	Solenoid
65	70091353	1	Cover

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



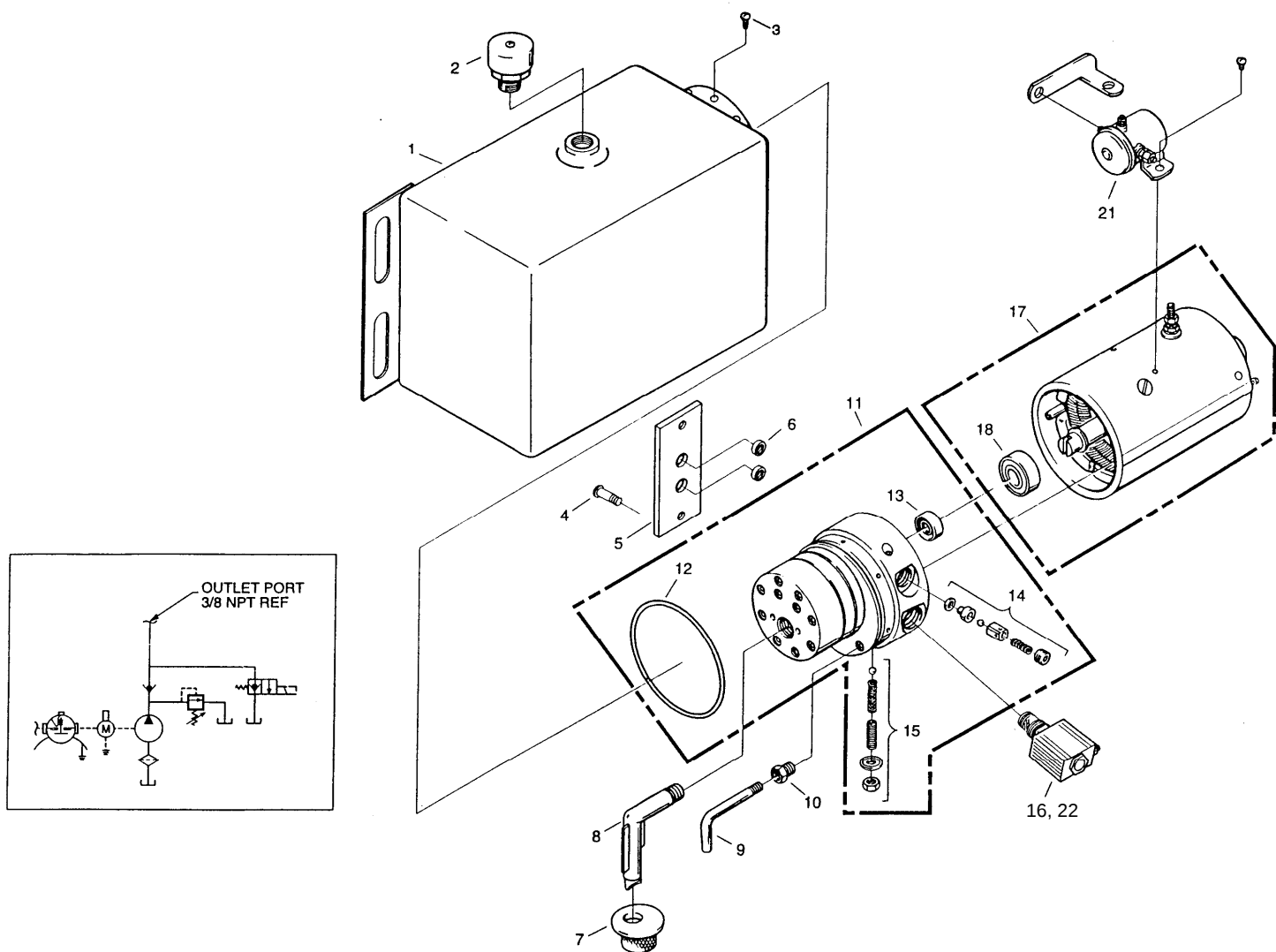
WALTCO
TRUCK EQUIPMENT CO.
70400000, 70400700

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

70400150, 70400325, 70400350, 70400375, 70400850 SOLENOID OPERATED
(Built 2-94 thru 7-04)



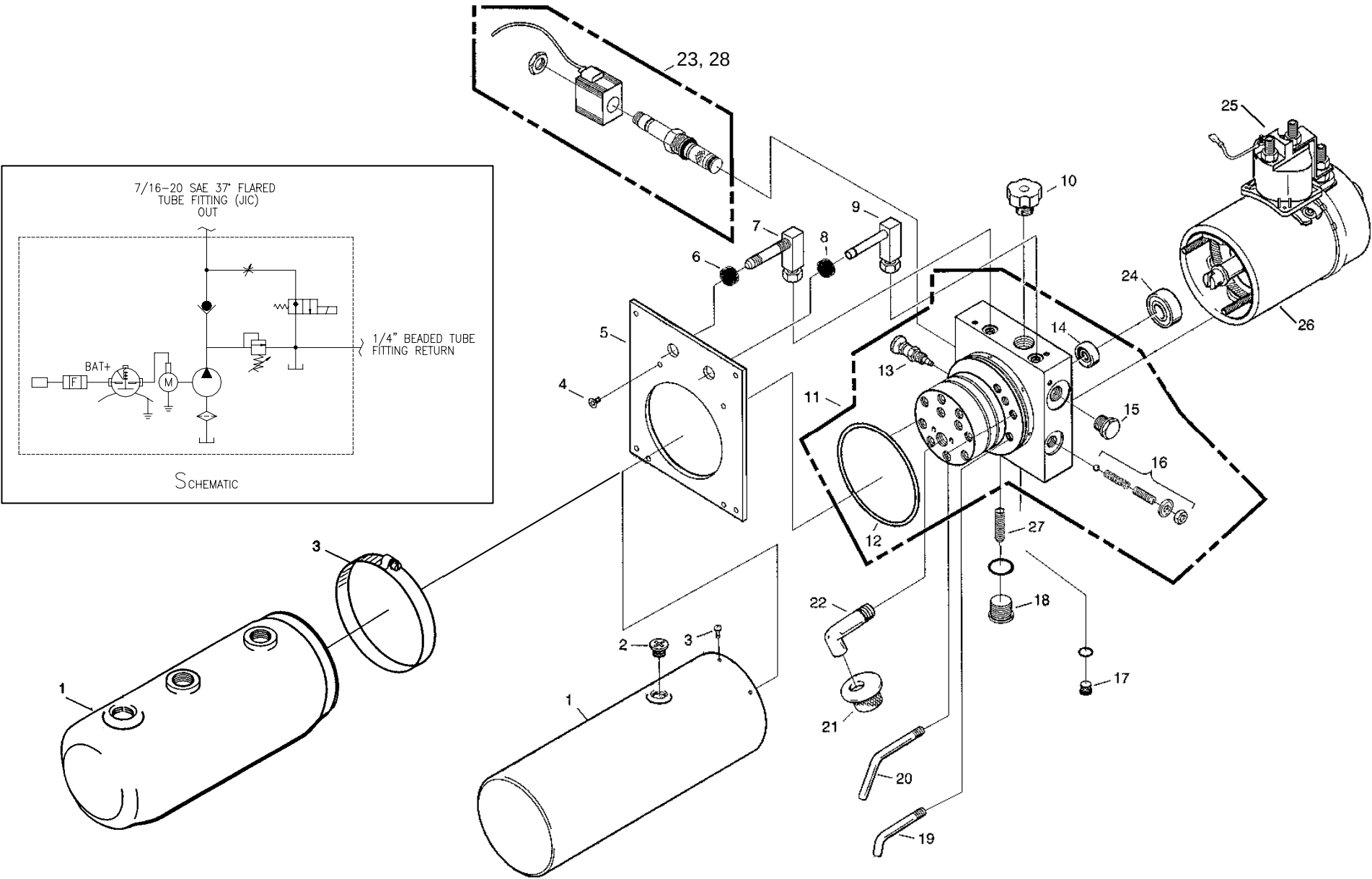
WALTCO
TRUCK EQUIPMENT CO.
MONARCH PUMP

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

PM-462

ITEM	PART NUMBER	QTY	DESCRIPTION
1	70400176	1	Reservoir
2	70400004	1	Breather
3	70091738	6	Screw
4	70400482	2	3/8-16 x 1-1/4" Flat Head Cap Screw
5	70400481	1	Bracket
6	70091728	2	Spacer
7	70091730	1	Screen
8	70400476	1	Suction Tube
9	70091732	1	Return tube
10	70092504	1	Bushing, Reducer, 1/4" NPT to 1/8" NPT
11	70400426	1	Pump Assembly
12	70091717	1	O-Ring
13	70400006	1	Seal
14	70400007	1	Check Valve Assembly
15	70092355	1	Relief Valve
16	70092503	1	2-Way/2-Position Valve with Coil
17	7043001-1	1	Motor
18	70091721	1	Bearing
20	70091712	2	#10-32 x 1-1/4" Round Head Machine Screw
21	80001065	1	Solenoid Kit
22	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

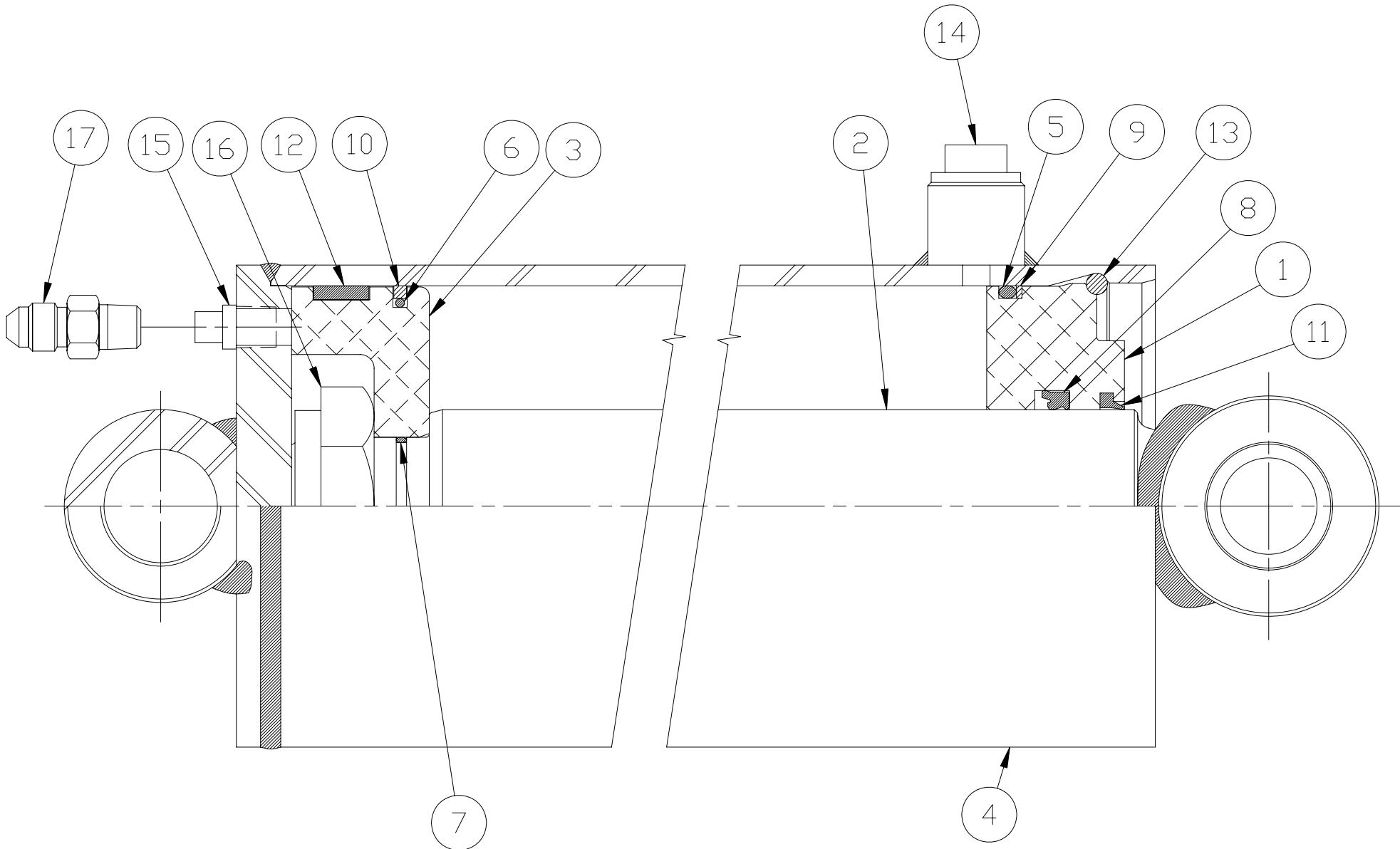
REVISED: 8-1-09
E.O. 6251
REV. 07

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.

20280010, 20280022
(Built thru 7-04)



WALTCO
TRUCK EQUIPMENT CO.
20280010, 20280022

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

PM-263

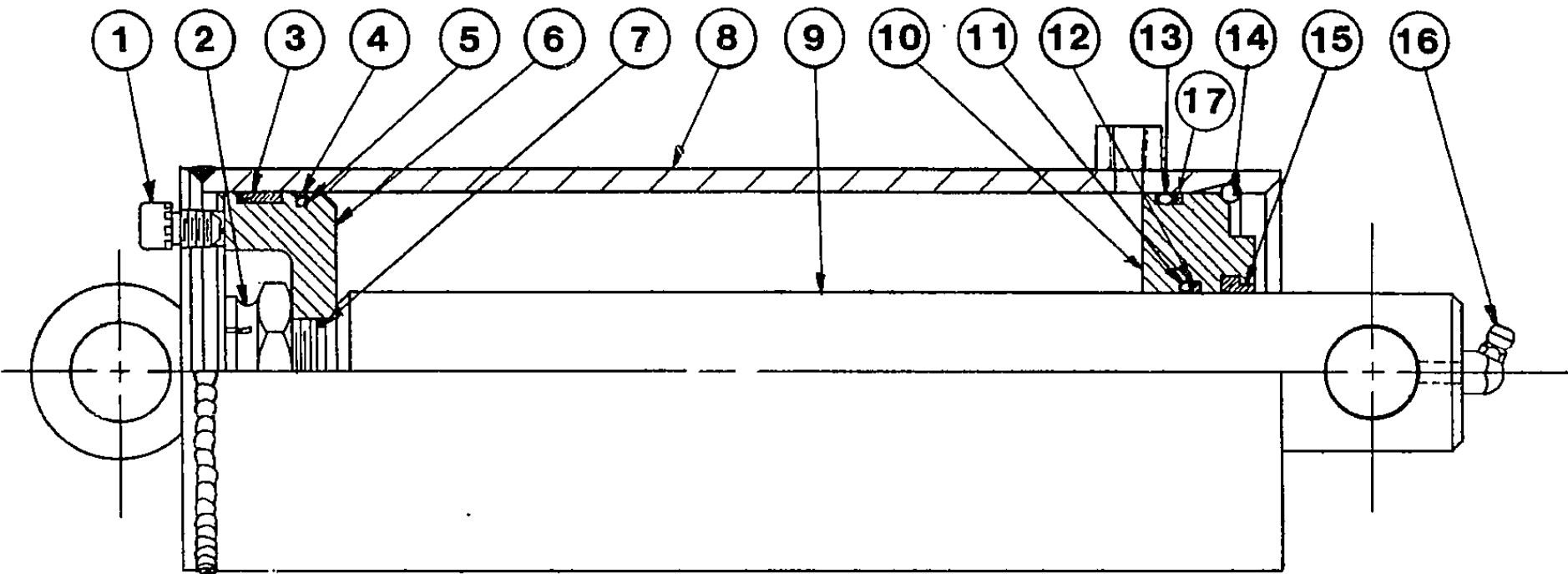
ITEM	PART NUMBER	QTY	DESCRIPTION
1	11202-0200	1	Gland
2	11391-1000	1	Rod Assembly
3	11202-1500	1	Piston
4	11202-2000	1	Barrel Assembly
5	-----*	1	“O” Ring
6	-----*	1	“O” Ring
7	-----*	1	“O” Ring
8	-----*	1	Rod Seal
9	-----*	1	Backup Ring
10	-----*	1	Piston Seal
11	-----*	1	Rod Wiper
12	-----*	1	Wear ring
13	4050	1	Retaining Ring
14	4102	1	Caplug
15	4135	1	Caplug
16	4408	1	Locknut
17	75082966	1	1/8" NPT x 7/16" JIC Adapter (Used on 20280022 Only)

* Indicates parts included in repair kit number 20280096.

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

Example: 11391-XXXXX

10380050
(All Years)



Specifications
Retracted 14.12
Extended 23.25
Barrel O.D. 4.50

WALTCO
TRUCK EQUIPMENT CO.
10380050

REVISED: 6-1-04
E.O. 5221C
REV. 03

PM-212

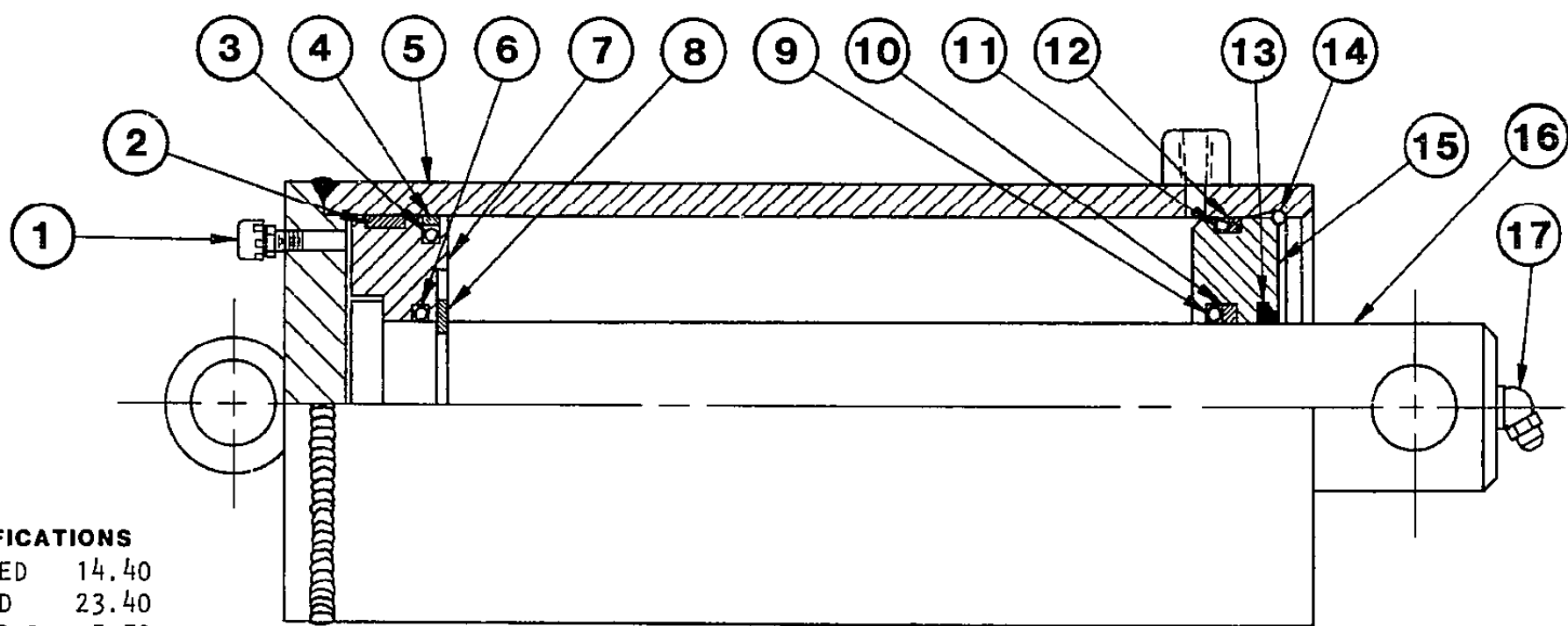
ITEM	PART NUMBER	QTY	DESCRIPTION
1	75089318	1	Breather
2	75085191	1	Locknut
3	-----	1	Wear Ring *
4	-----	1	Seal Ring *
5	-----	1	"O" Ring *
6	10381550	1	Piston
7	-----	1	"O" Ring *
8	10382050	1	Barrel Assembly
9	10381150	1	Shaft
10	10380250	1	Nose Bearing
11	-----	1	"O" Ring *
12	-----	1	Backup Ring *
13	-----	1	"O" Ring *
14	22282950	1	Retaining Ring
15	-----	1	Rod Wiper *
16	75089305	1	Grease Fitting 65°
17	-----	1	Backup Ring *

* Indicates parts included in repair kit number 10380095.

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

Example: 11103-XXXXX

10480050
(Built thru 7-04)



SPECIFICATIONS	
RETRACTED	14.40
EXTENDED	23.40
BARREL O.D.	5.50

WALTCO
TRUCK EQUIPMENT CO.
10480050

REVISED: 6-1-04
E.O. 5221C
REV. 02

PM-215

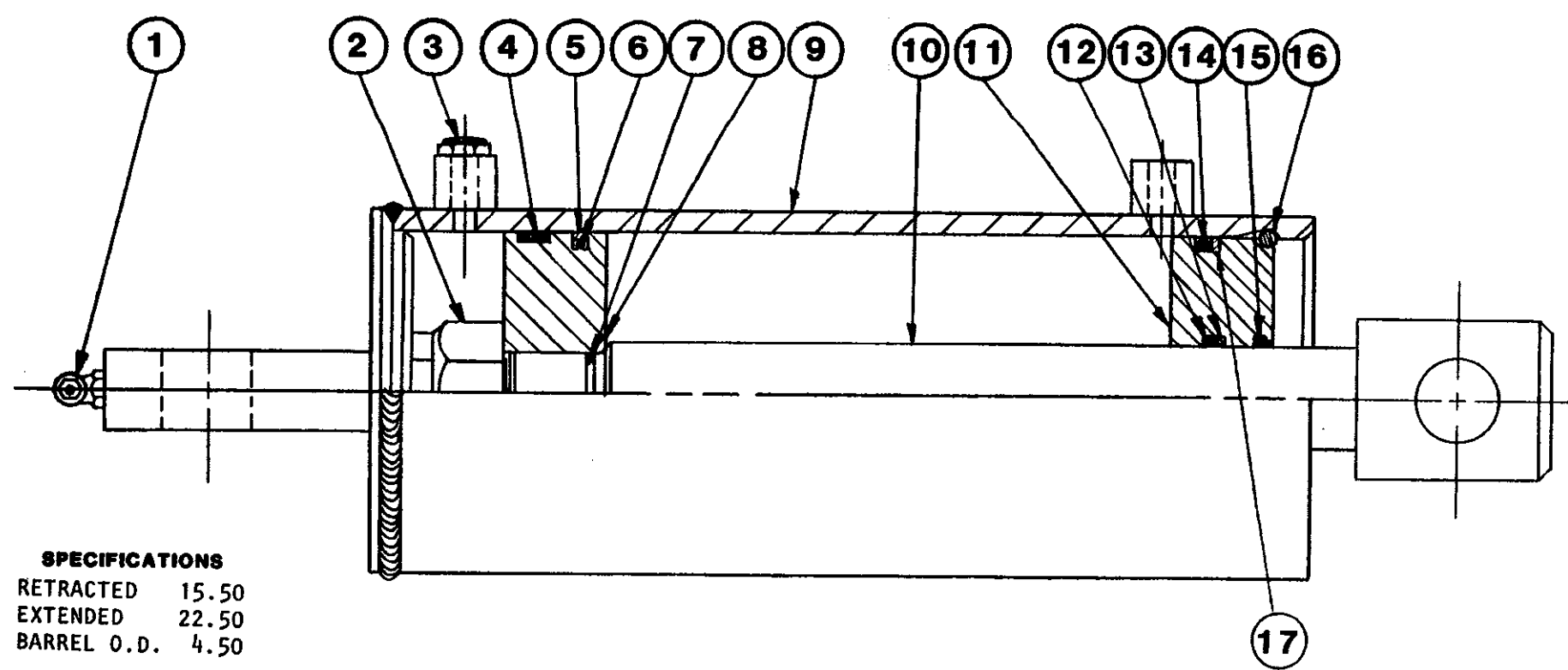
ITEM	PART NUMBER	QTY	DESCRIPTION
1	75089318	1	Breather
2	-----	1	Wear Ring *
3	-----	1	"O" Ring *
4	-----	1	Seal Ring *
5	10482050	1	Barrel Assembly
6	-----	1	"O" Ring *
7	10481550	1	Piston
8	75001008	1	Snap Ring
9	-----	1	"O" Ring *
10	-----	1	Backup Ring *
11	-----	1	"O" Ring *
12	-----	1	Backup Ring *
13	-----	1	Rod Wiper *
14	10482950	1	Retaining Ring
15	10480250	1	Nose Bearing
16	10481150	1	Shaft
17	75089305	1	Grease fitting 65°

* Indicates parts included in repair kit number 10480095.

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

Example: 11104-XXXXX

22280050
(All Years)



WALTCO
TRUCK EQUIPMENT CO.
22280050

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

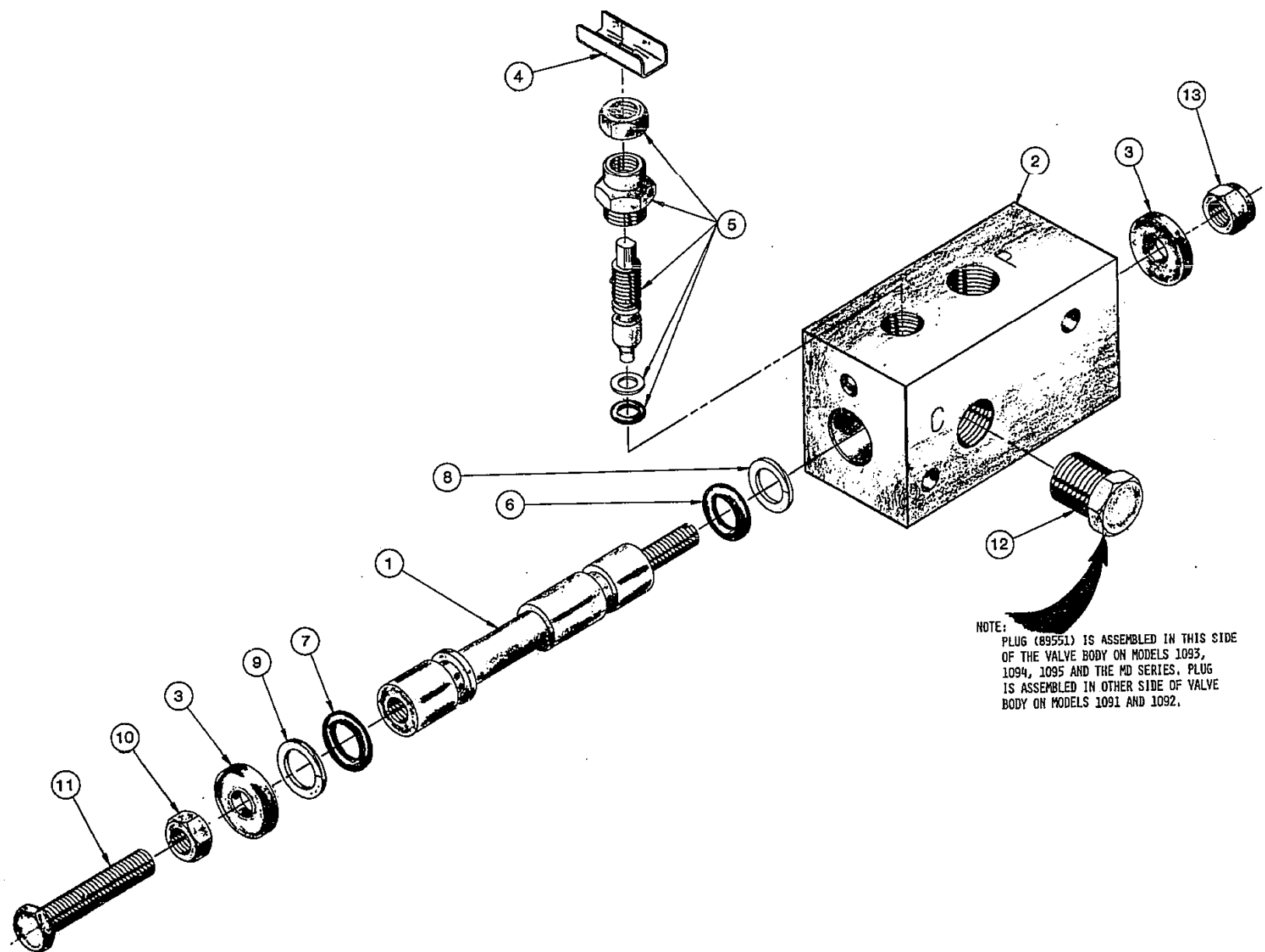
PM-209

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.

70114000
(All Years)



WALTCO
TRUCK EQUIPMENT CO.
70114000

REVISED: 6-1-04
E.O. 5221C
REV. 02

PM-48

ITEM	PART NUMBER	QTY	DESCRIPTION
1	70114010	1	Slide
2	70114020	1	Valve Body
3	70114040	2	Washer
4	70114060	1	Handle
5	70189854	1	Needle Valve Assembly
6	75000001	1	"O" Ring
7	75000002	1	"O" Ring
8	75000300	1	Backup Ring
9	75000301	1	Backup Ring
10	75085091	1	1/4"-28 Hex Nut
11	75086009	1	1/4"-28 x 1-1/8" Hex Bolt (Grade 5)
12	75089551	1	1/4" Square Head Plug
13	75085176	1	1/4"-28 Nylon Insert Locknut

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	