



Level Lift BZ, RZ & WZ 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.

Level Lift BZ, RZ & WZ Series

Level Lift Liftgate Terminology

- Generation 1 - BZ
- Generation 1 - RZ
- Generation 2 - BZ
- Generation 2 - WZ
- Generation 3 - BZ
- Generation 3 - RZ
- Generation 3 - WZ

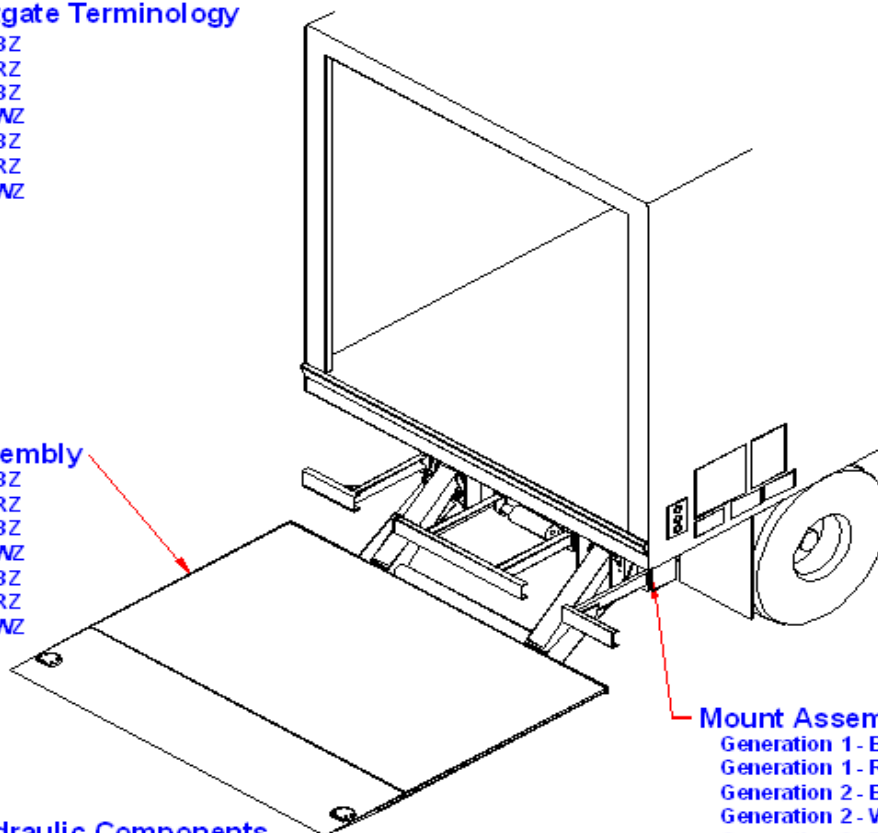
Platform Assembly

- Generation 1 - BZ
- Generation 1 - RZ
- Generation 2 - BZ
- Generation 2 - WZ
- Generation 3 - BZ
- Generation 3 - RZ
- Generation 3 - WZ

Pumps & Hydraulic Components

- Generation 1 - BZ
- Generation 1 - RZ
- Generation 2 - BZ
- Generation 2 - WZ
- Generation 3 - BZ
- Generation 3 - RZ
- Generation 3 - WZ

- Cylinders
- Schematics
- Tech Tips



Mount Assembly and Arms

- Generation 1 - BZ
- Generation 1 - RZ
- Generation 2 - BZ
- Generation 2 - WZ
- Generation 3 - BZ
- Generation 3 - RZ
- Generation 3 - WZ

Liftgate Terminology

Since 1987, Waltco has sold the Level Lift line of BZ and RZ Series liftgates. There have been two significant design changes to these models since they were originally released. In 2000 we added a new model to the lineup: the WZ Series. Thus we refer to the liftgates as **Generation 1, 2, and 3** to represent these different versions. It is critical to properly identify which Generation you have before ordering any replacement parts for your liftgate. The information below and throughout this section of the Waltco Navigator will help you identify which Generation you have.

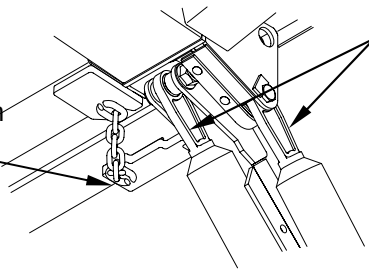
BZ versus RZ versus WZ Series– What is the difference?

The primary difference between a BZ Series liftgate and an RZ series liftgate is the positioning of the Hydraulic Pump Unit. All BZ's have the pump mounted in a slide out tray that stores inside the curbside of the liftgate mount. All RZ's have the pump mounted in an external enclosure mounted either direct to the truck or to the curbside of the liftgate. The WZ Series has a folding platform and slides away under the body of the vehicle when stored. All RZ and BZ Series liftgates have one piece platforms and fold up against the body when stored.

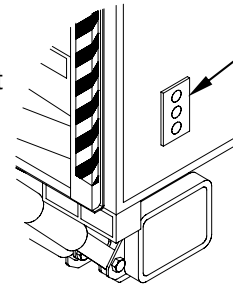
Generation 1 - BZ & RZ Series (Sold from 1987 thru 3/04 - See note below)

This Generation was replaced by the **Generation 2 - BZ Series** in **11/02**. However, due to excess inventory, this generation was sold after this date in small quantities thru **6/05**. Be sure to look for the identifying differences between the **Generation 1, 2, and 3** liftgates as described below and throughout this section of the Waltco Navigator.

All Generation 1 Liftgates Have large link chains welded between the platform and lift arms



All Generation 1 Liftgates Have cast steel or bar stock shaft ends like shown

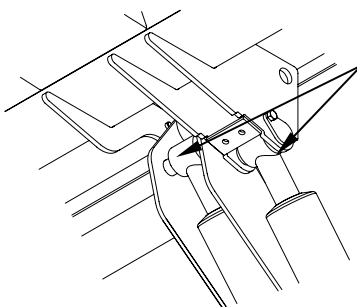


All Generation 1 liftgates use a 3-button orange colored switch control

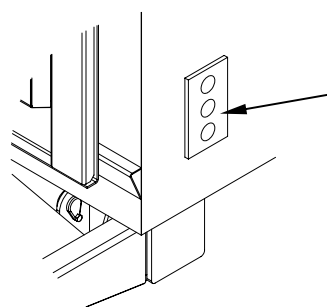
Generation 2 - BZ Series (Sold from 11/02 thru 9/04 - See note below)

This Generation replaced the **Generation 1 - BZ & RZ Series** in **11/02**. However, due to excess inventory, Generation 1 was sold as late as **6/05** in small quantities. This Generation was then replaced by the **Generation 3 - BZ Series** in **9/04**. Be sure to look for the identifying differences between the **Generation 1, 2, and 3** liftgates as described below and throughout this section of the Waltco Navigator. Note: There was no Generation 2 - RZ Series.

All Generation 2 Liftgates Have Steel Cross-Tube Shaft ends like shown



All Generation 2 BZ's use a 3-button orange colored switch control



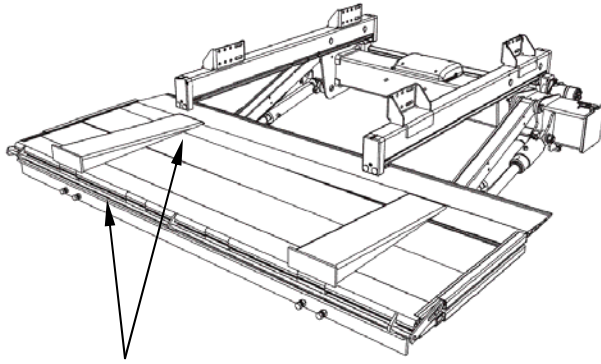
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[Click here for list of liftgate serial numbers, organized by approximate ship dates.](#)

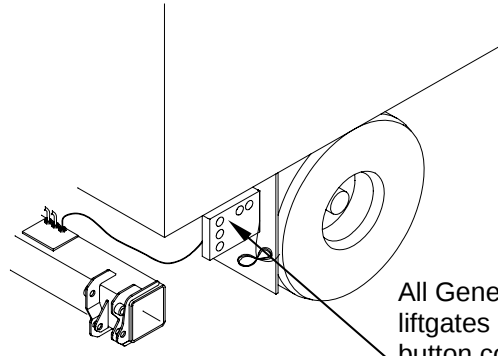
Liftgate Terminology

Generation 2 - WZ Series (Sold from 5/00 thru 9/04 - See note below)

This Model was added to the lineup in **5/00**. Be sure to look for the identifying differences between the **Generation 2 and 3** liftgates as described below and throughout this section of the Waltco Navigator.



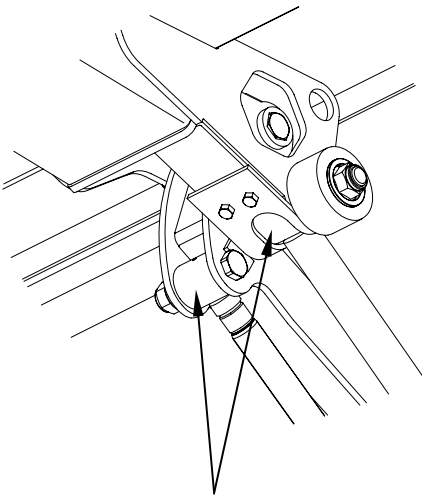
All WZ Liftgates have two piece folding platforms as shown



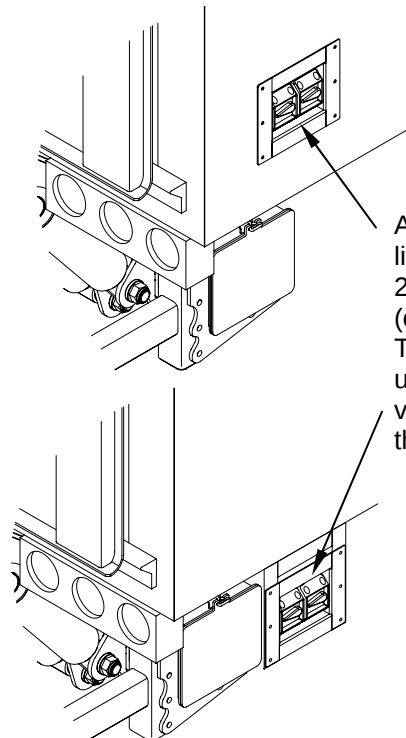
All Generation 2 - WZ liftgates use a push button control switch box with five push buttons

Generation 3 - BZ Series (Sold from 9/04 - See note below)

This Generation replaced the **Generation 2 - BZ Series** in **9/04**. Be sure to look for the identifying differences between the **Generation 1, 2, and 3** liftgates as described below and throughout this section of the Waltco Navigator.



All Generation 3 - BZ Liftgates Have Steel Cross-Tube Shaft ends like shown



All Generation 3 - BZ liftgates use two Digital 2-wire Super Switches (one Raise/Lower, one Tilt) mounted either under the side of the vehicle or recessed into the body as shown

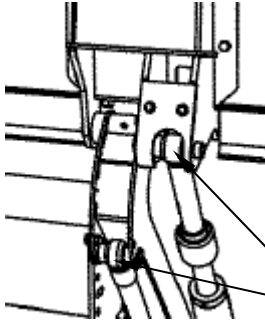
(Continued next page)

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

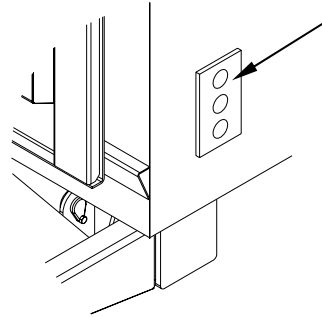
Liftgate Terminology

Generation 3 - RZ Series (Sold from 10/05 - See note below)

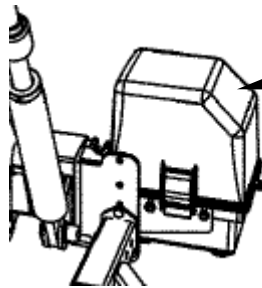
This Generation replaced the **Generation 2 - BZ-22 Series** in **10/05**. Be sure to look for the identifying differences between the **Generation 1, 2, and 3** liftgates as described below and throughout this section of the Waltco Navigator.



All Generation 3 - RZ Liftgates Have Steel Cross-Tube Shaft ends like shown



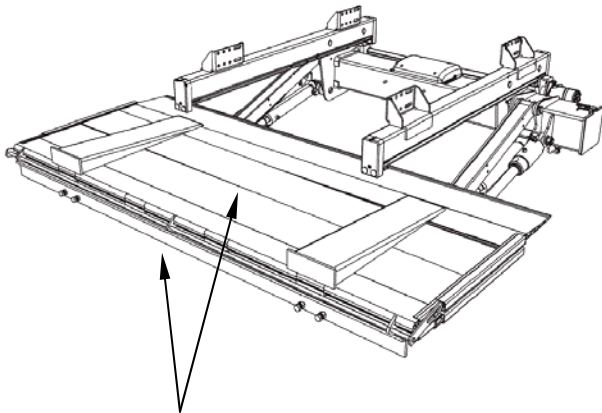
All Generation 3 - RZ liftgates use a 3-button orange colored switch control



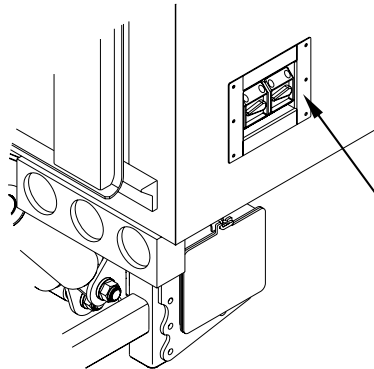
All Generation 3 - RZ liftgates have the Hydraulic Pump unit attached directly to the end of the mount tube and use a plastic pump cover

Generation 3 - WZ Series (Sold from 9/04 - See note below)

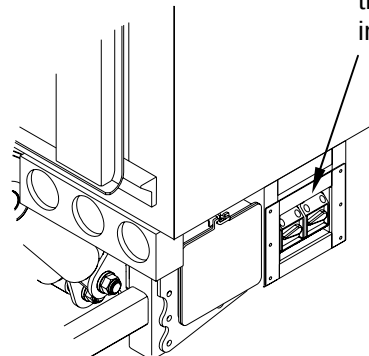
This Generation replaced the **Generation 2 - WZ Series** in **9/04**. Be sure to look for the identifying differences between the **Generation 2 and 3** liftgates as described below and throughout this section of the Waltco Navigator.



All WZ Liftgates have two piece folding platforms as shown



All Generation 3 - WZ liftgates use two Digital 2-wire Super Switches (one Raise/Lower, one Tilt/Slide) mounted either under the side of the vehicle or recessed into the body as shown

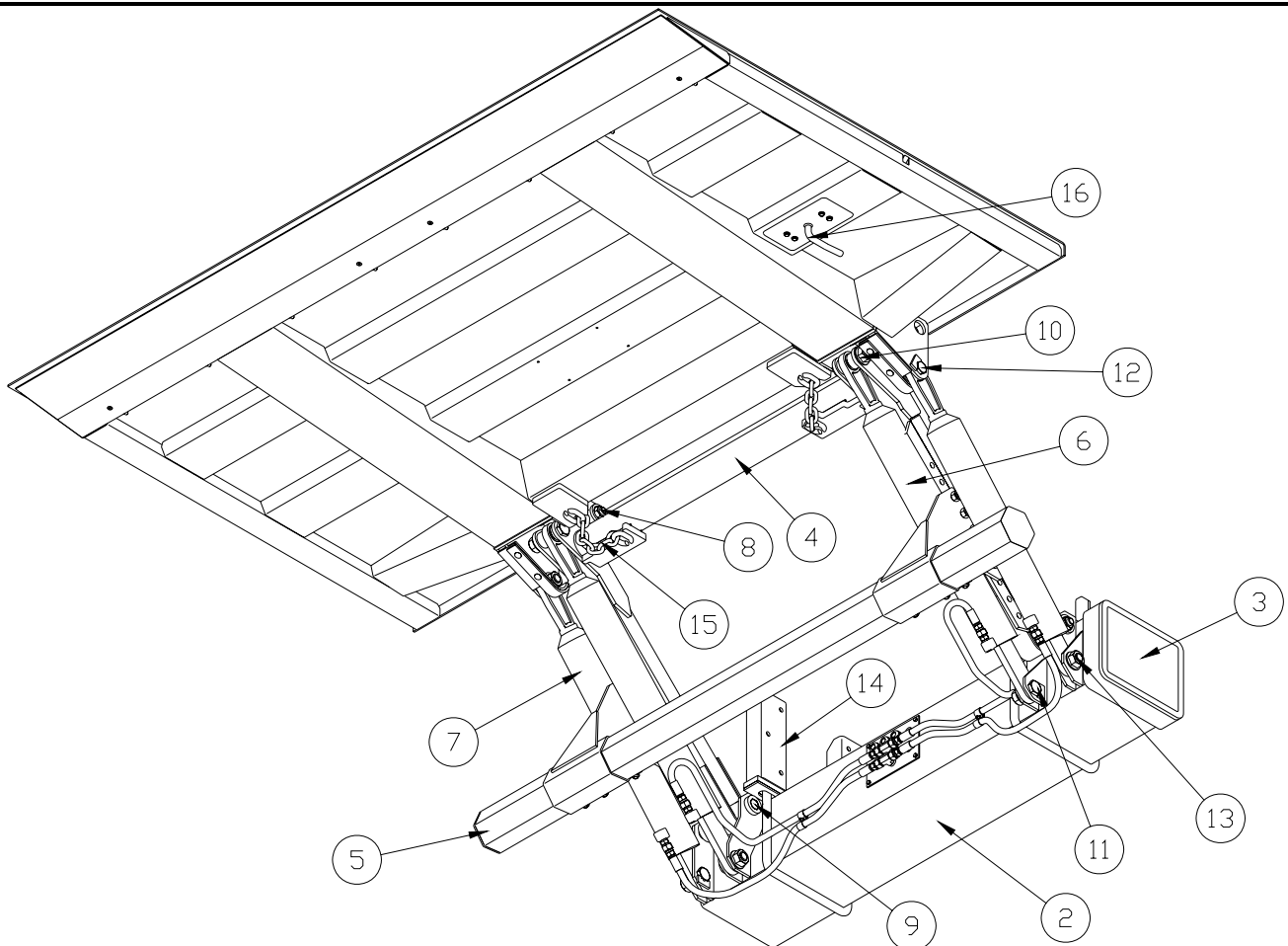
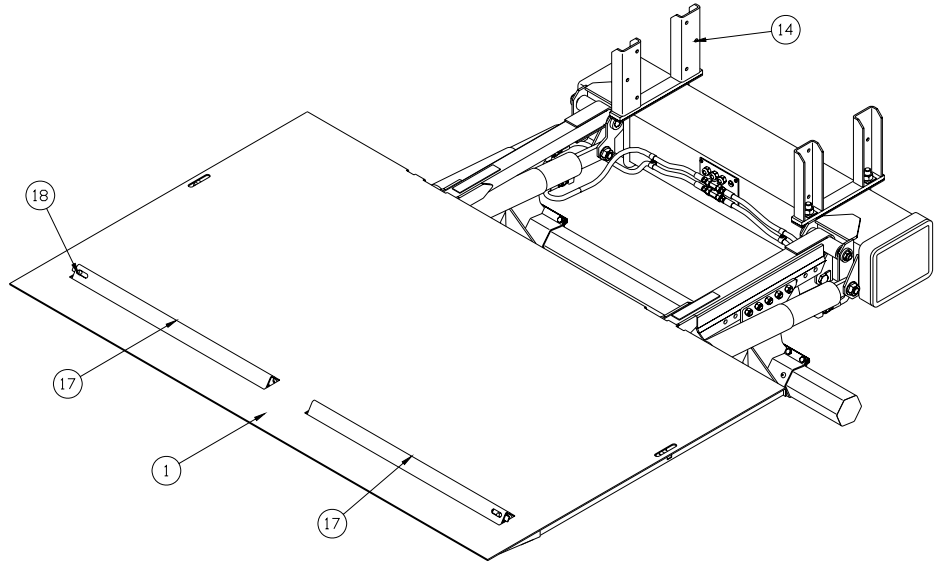


[Click here for list of liftgate serial numbers, organized by approximate ship dates.](#)

Liftgate Terminology

Generation 1 BZ

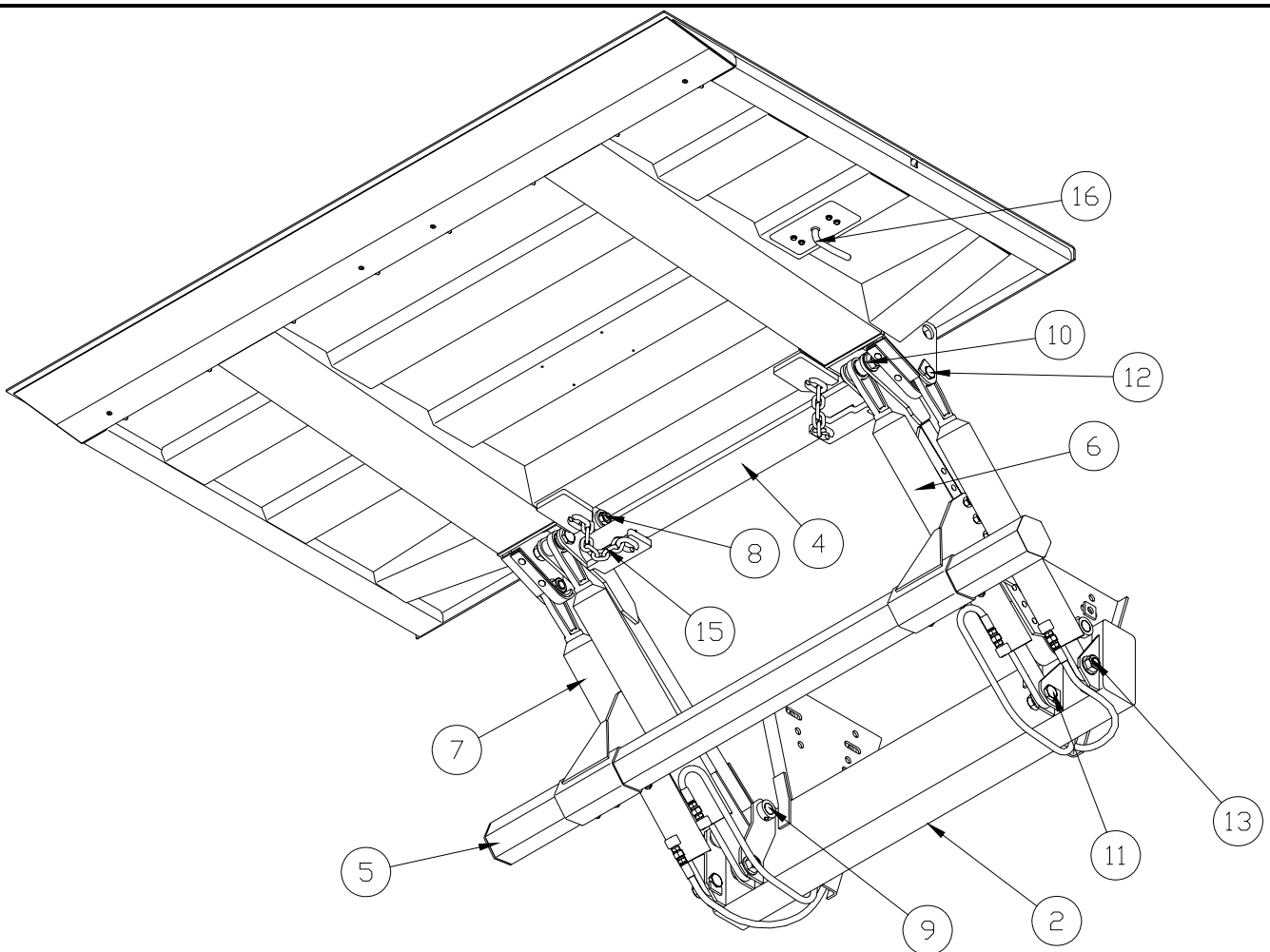
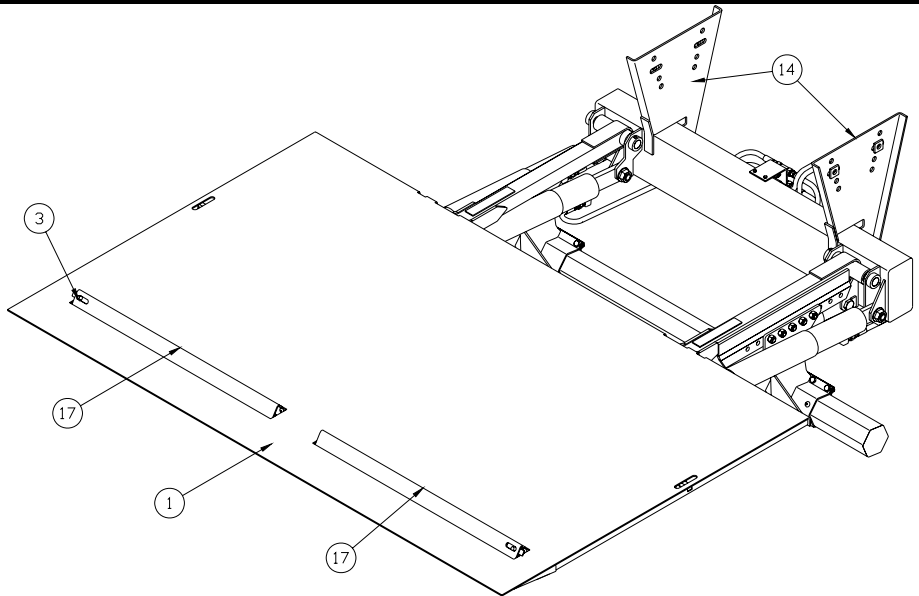
1. Platform
2. Mount Tube
3. Pump and Motor Tray
4. Lift Arm
5. Bumper
6. Lift Cylinder
7. Tilt Cylinder
8. Upper Lift Arm Pin
9. Lower Lift Arm Pin
10. Upper Lift Cylinder Pin
11. Lower Lift Cylinder Pin
12. Upper Tilt Cylinder Pin
13. Lower Tilt Cylinder Pin
14. Mount Brackets
15. Platform Chain Stops
16. Platform Latch Handle
17. Cart Stops
18. Cart Stop Latch



Liftgate Terminology

Generation 1 RZ

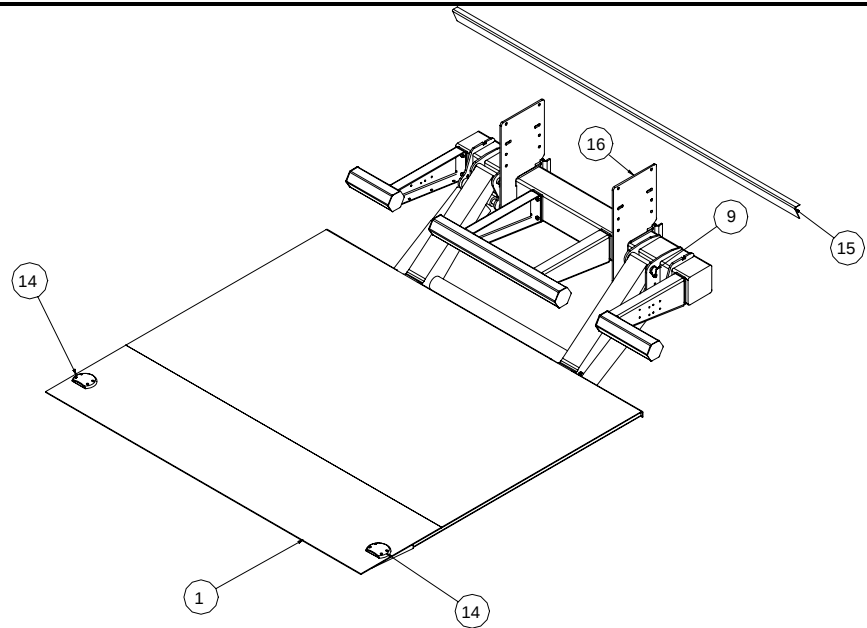
1. Platform
2. Mount Tube
3. Cart Stop Latch
4. Lift Arm
5. Bumper
6. Lift Cylinder
7. Tilt Cylinder
8. Upper Lift Arm Pin
9. Lower Lift Arm Pin
10. Upper Lift Cylinder Pin
11. Lower Lift Cylinder Pin
12. Upper Tilt Cylinder Pin
13. Lower Tilt Cylinder Pin
14. Mount Brackets
15. Platform Chain Stops
16. Platform Latch Handle
17. Cart Stops



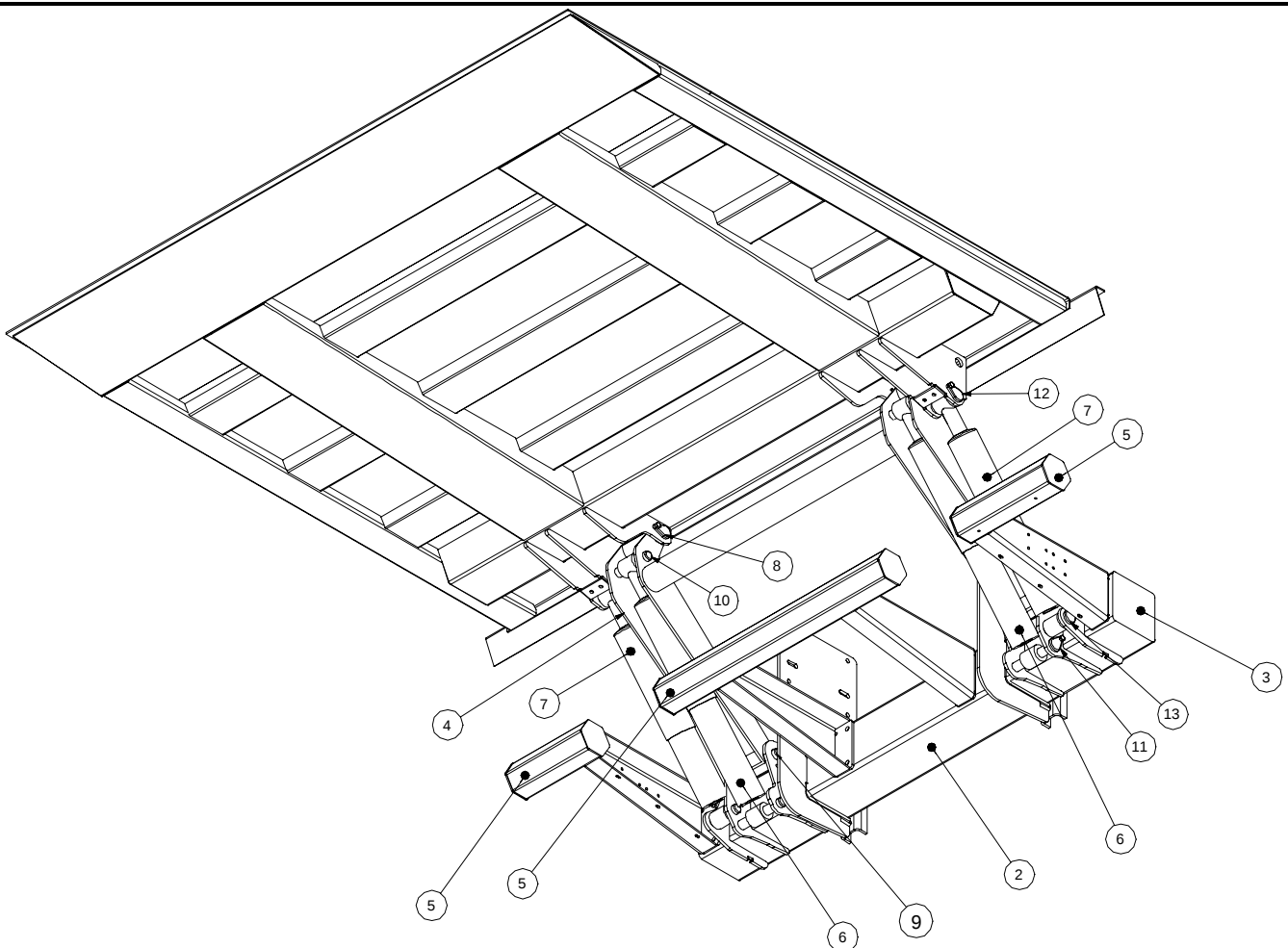
Liftgate Terminology

Generation 2 BZ

1. Platform
2. Mount Tube
3. Pump and Motor Tray
4. Lift Arm
5. Bumper
6. Lift Cylinder
7. Tilt Cylinder
8. Upper Lift Arm Pin
9. Lower Lift Arm Pin
10. Upper Lift Cylinder Pin
11. Lower Lift Cylinder Pin
12. Upper Tilt Cylinder Pin
13. Lower Tilt Cylinder Pin
14. Marker Lights
15. Sill Extension
16. Mount Plates



GR00051

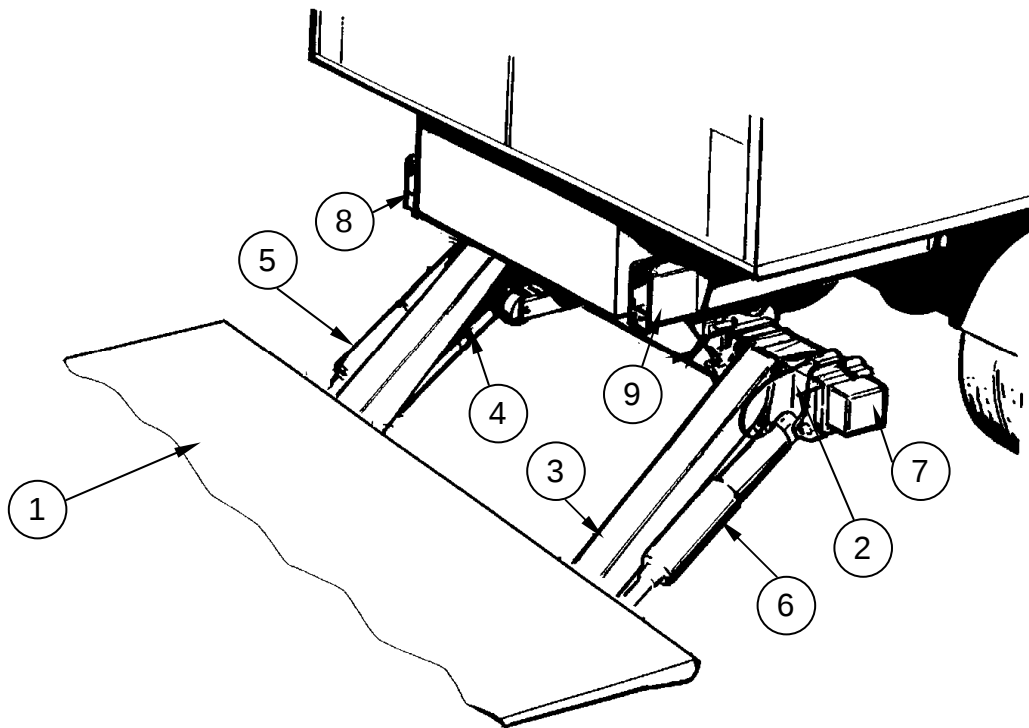


GR00052

Liftgate Terminology

Generation 2 WZ

1. Platform
2. Mount tube
3. Lift arm
4. Lift cylinder
5. Tilt cylinder, driver side
6. Tilt cylinder, curb side
7. Pump unit (inside mount tube)
8. Slide tube, driver side
9. Slide tube, curb side

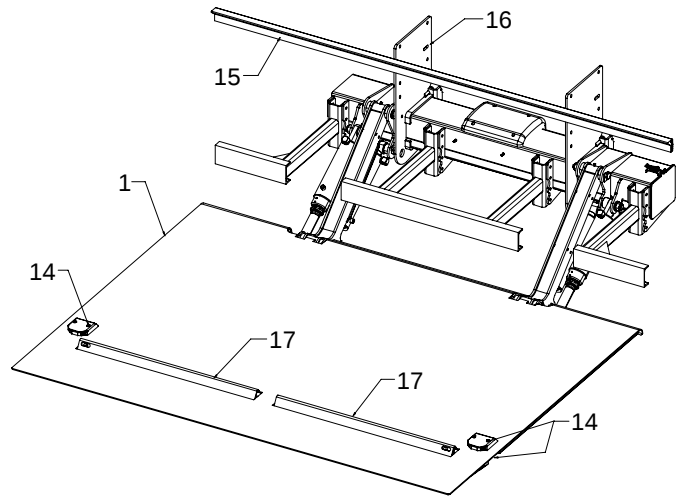


GR00448

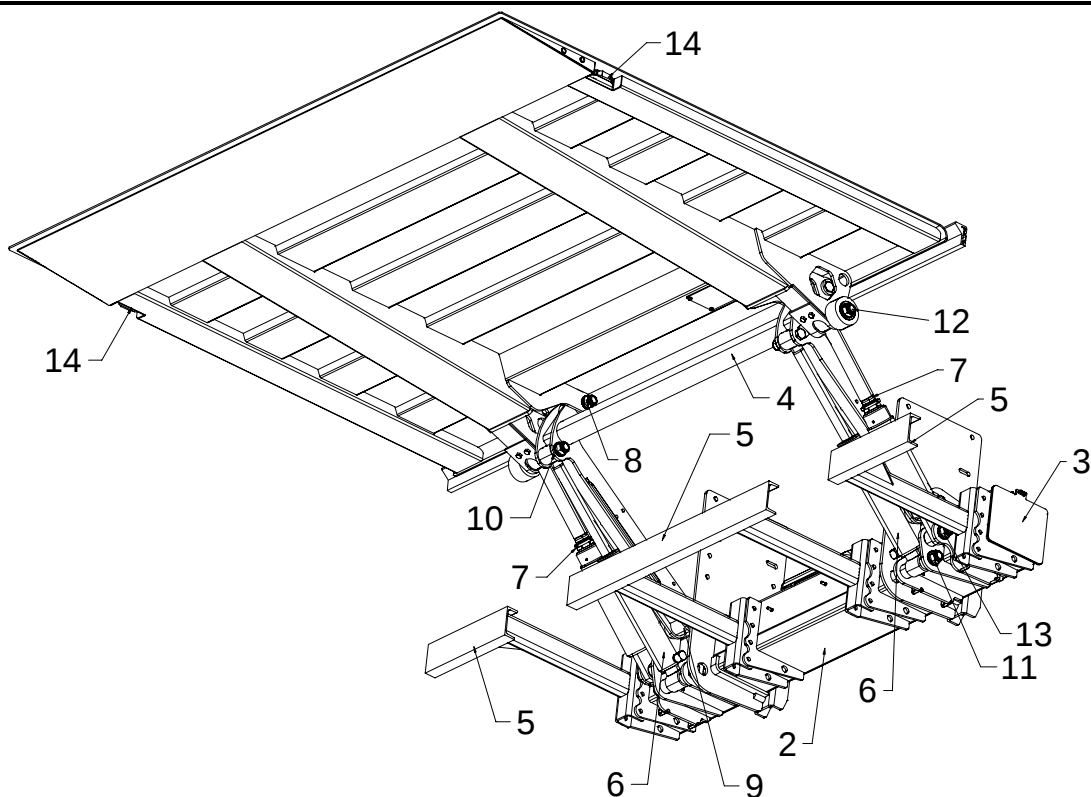
Liftgate Terminology

Generation 3 BZ

1. Platform
2. Mount Tube
3. Pump and Motor Tray
4. Lift Arm
5. Bumper
6. Lift Cylinder
7. Tilt Cylinder
8. Upper Lift Arm Pin
9. Lower Lift Arm Pin
10. Upper Lift Cylinder Pin
11. Lower Lift Cylinder Pin
12. Upper Tilt Cylinder Pin
13. Lower Tilt Cylinder Pin
14. Marker Lights
15. Sill Extension
16. Mount Plates
17. Cart stop (optional)



GR00828

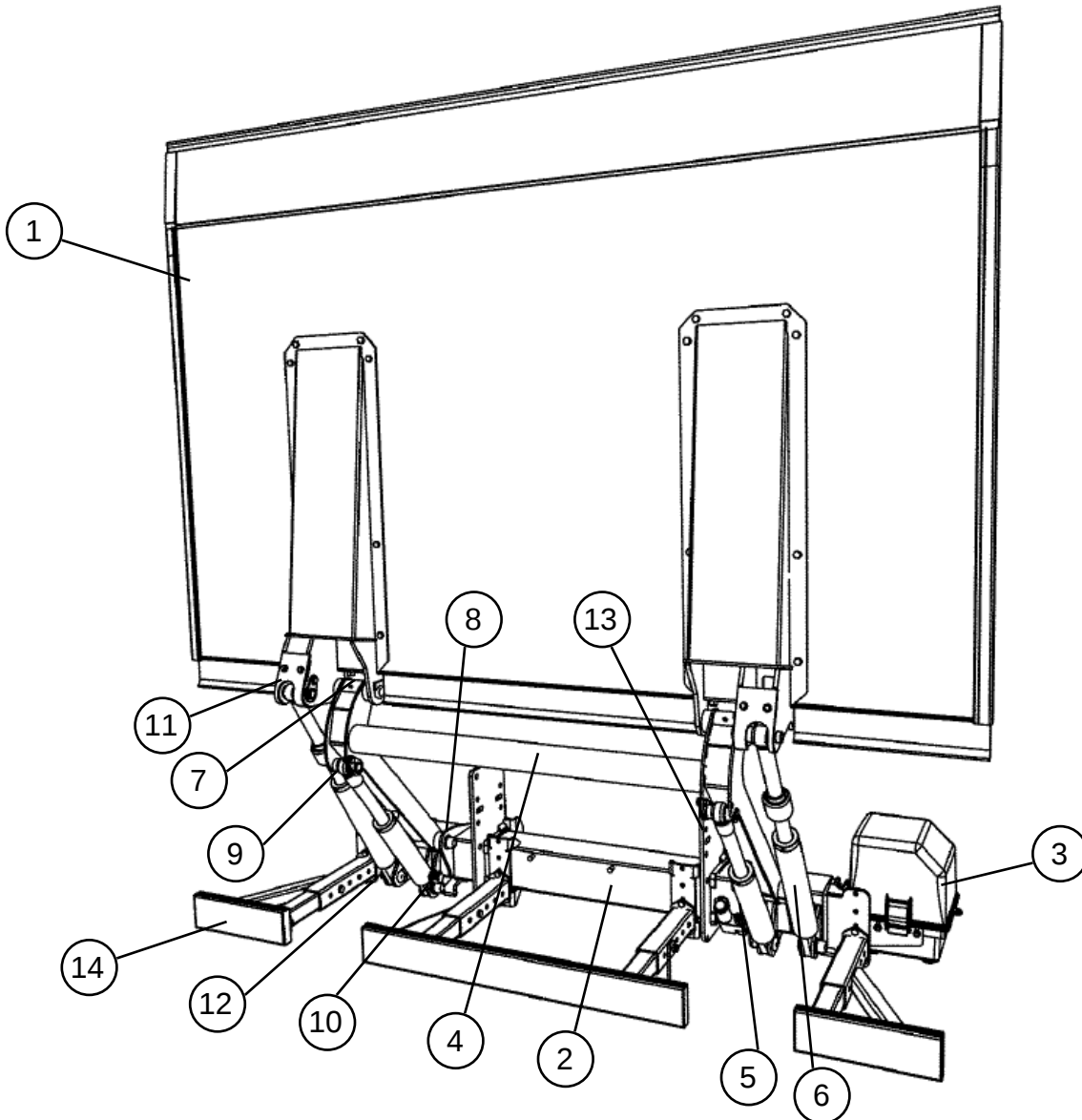


GR00829

Liftgate Terminology

Generation 3 RZ

- | | |
|-----------------------|-----------------------------|
| 1. Platform | 9. Upper Lift Cylinder Pin |
| 2. Mount Tube | 10. Lower Lift Cylinder Pin |
| 3. Pump unit | 11. Upper Tilt Cylinder Pin |
| 4. Lift Arm | 12. Lower Tilt Cylinder Pin |
| 5. Lift Cylinder | 13. Mount Plates |
| 6. Tilt Cylinder | 14. 3-piece bumper |
| 7. Upper Lift Arm Pin | |
| 8. Lower Lift Arm Pin | |

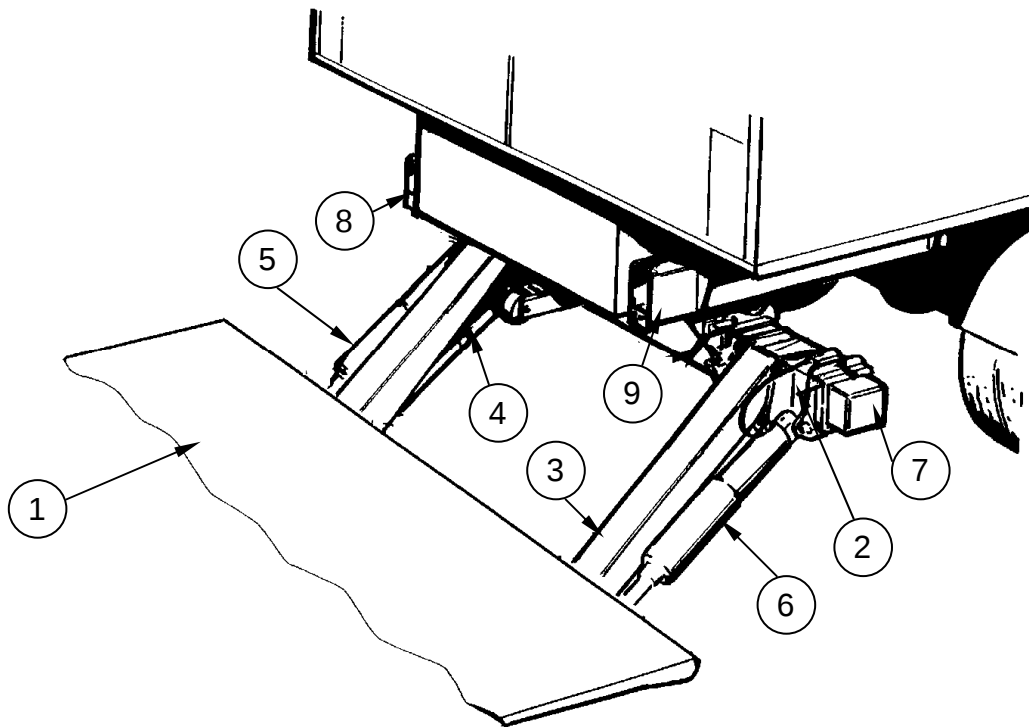


GR01112

Liftgate Terminology

Generation 3 WZ

1. Platform
2. Mount tube
3. Lift arm
4. Lift cylinder
5. Tilt cylinder, driver side
6. Tilt cylinder, curb side
7. Pump unit (inside mount tube)
8. Slide tube, driver side
9. Slide tube, curb side

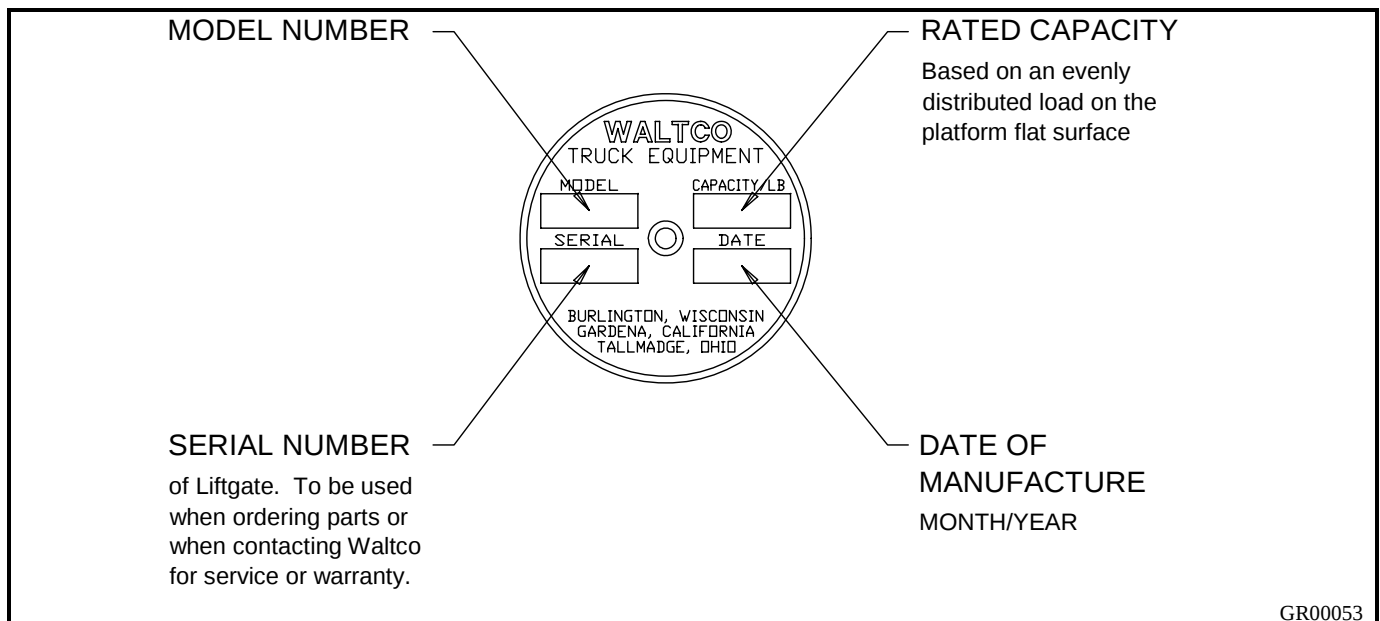


GR00448

Liftgate Terminology

EXPLANATION OF SPECIFICATION TAG

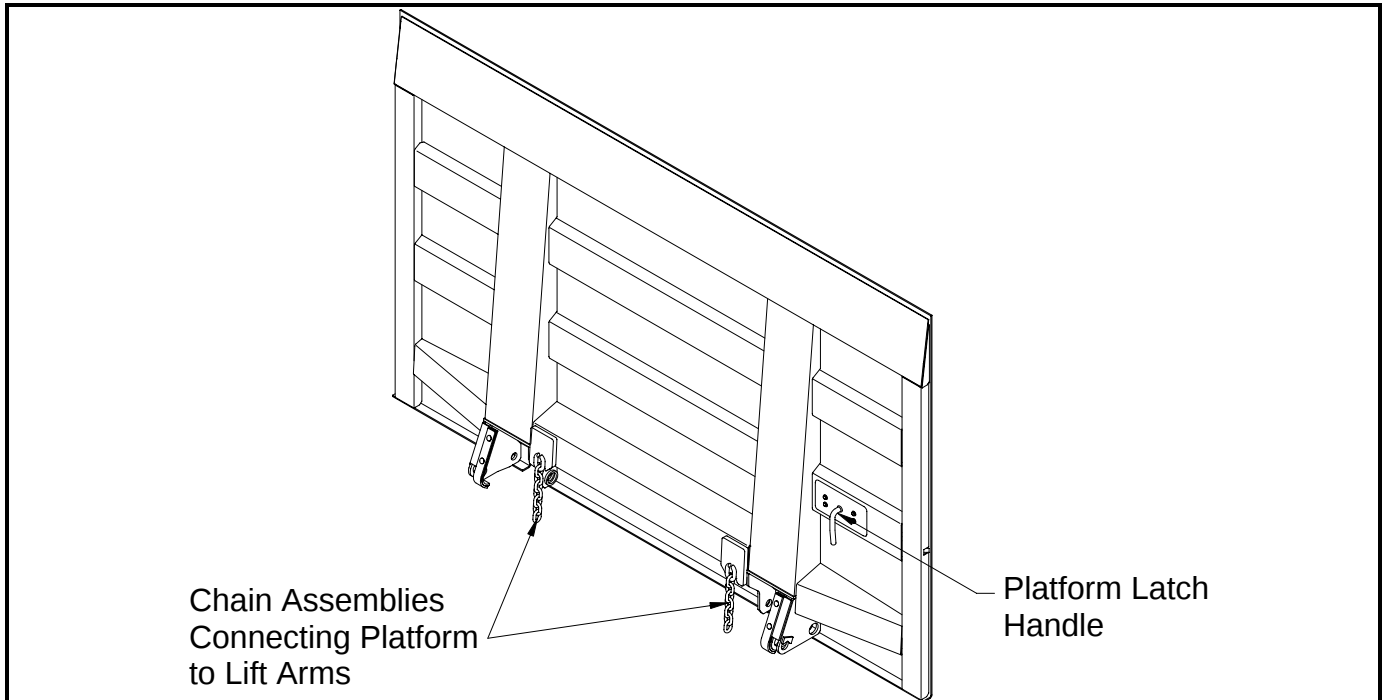
MODEL NO.	MODEL NAME	DESCRIPTION	CAPACITY
142	RZ-10-135	Generation 1 Level Lift	2200 Lbs.
143	BZ-15-149	Generation 1 Level Lift	3300 Lbs.
144	RZ-20-152	Generation 1 Level Lift	4400 Lbs.
145	BZ-20-152	Generation 1 Level Lift	4400 Lbs.
146	BZ-22	Generation 2 Level Lift	2200 Lbs.
146E	BZ-22E	Generation 2 Level Lift, Long Arm	2200 Lbs.
146D	BZ-22D	Generation 2 Level Lift, Reinforced Platform	2200 Lbs.
146ED	BZ-22ED	Generation 2 Level Lift, Long Arm, Reinforced Platform	2200 Lbs.
147	BZ-33	Generation 2 Level Lift	3300 Lbs.
147E	BZ-33E	Generation 2 Level Lift, Long Arm	3300 Lbs.
147D	BZ-33D	Generation 2 Level Lift, Reinforced Platform	3300 Lbs.
147ED	BZ-33ED	Generation 2 Level Lift, Long Arm, Reinforced Platform	3300 Lbs.
148	BZ-44	Generation 2 Level Lift, Reinforced Platform	4400 Lbs.
148E	BZ-44E	Generation 2 Level Lift, Long Arm, Reinforced Platform	4400 Lbs.
154	WZ-44	Generation 2 and Generation 3 WZ Series	4400 Lbs.
155	WZ-55	Generation 3 WZ Series	5500 Lbs.
165	RZ-22	Generation 3 Level Lift	2200 Lbs.
166	BZ-33	Generation 3 Level Lift	3300 Lbs.
166E	BZ-33E	Generation 3 Level Lift, Long Arm	3300 Lbs.
167	BZ-44	Generation 3 Level Lift	4400 Lbs.
167E	BZ-44E	Generation 3 Level Lift, Long Arm	4400 Lbs.
168	BZ-55	Generation 3 Level Lift	5500 Lbs.
168E	BZ-55E	Generation 3 Level Lift, Long Arm	5500 Lbs.



LEVEL LIFT PLATFORM ASSEMBLY - Generation 1 - BZ & RZ Series

(Prior to 3-31-04 - See note below)

Note: For assistance on how to tell which Generation (1, 2, or 3) Level Lift you have, refer to the diagrams on these pages and the [Liftgate Terminology](#) section at the beginning of this document.



Common Features

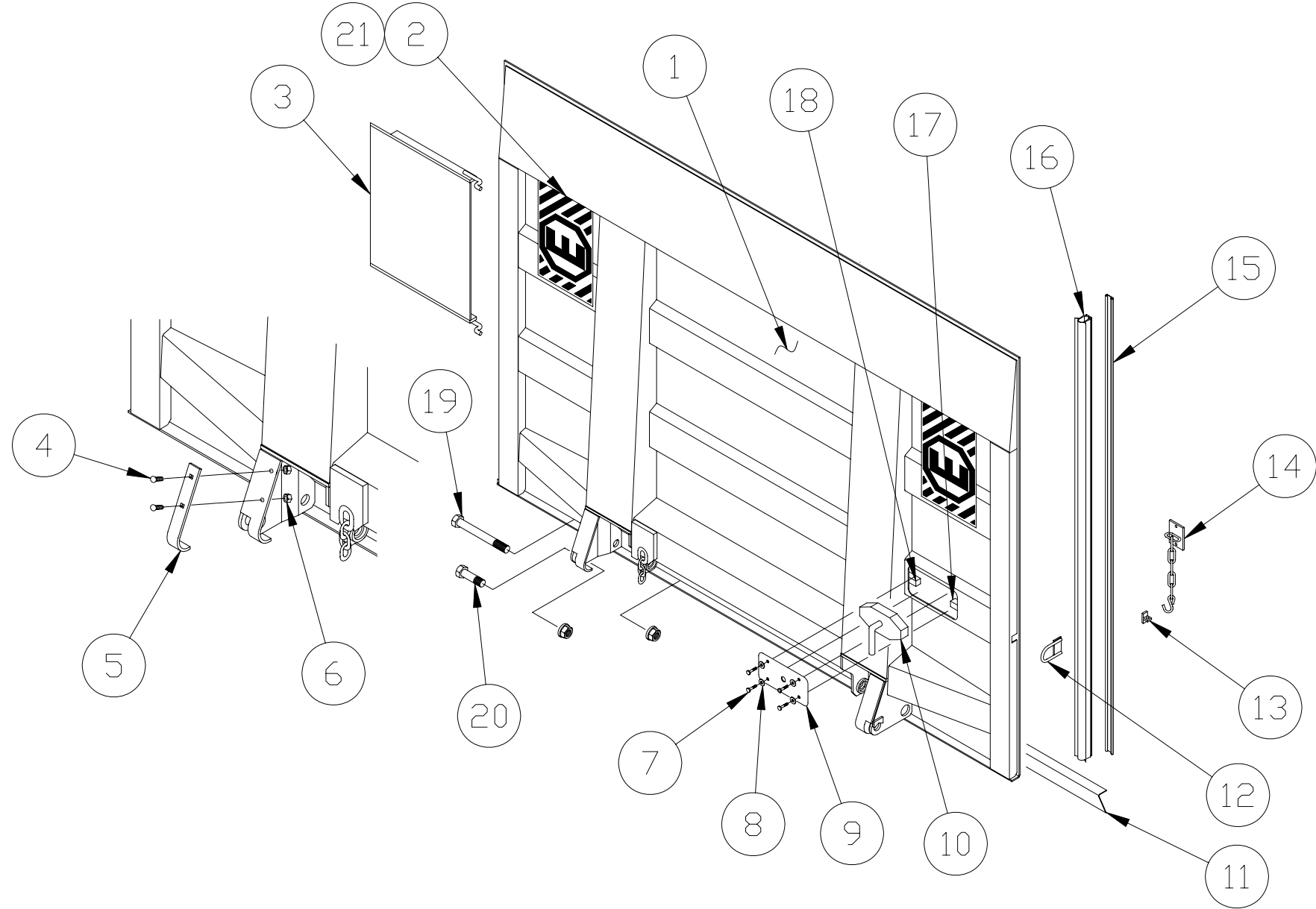
- Capacity decal: 2200, 3300, 4400 pounds
- Size: 48", 60", 72" and 84" deep
94", 96" and 100" wide
- Platform latch handle
- Foot Activated Carts Stops (Optional)
- Reinforced Platform for Forklift Driver Over (Optional)

	RZ-10	BZ-15, BZ-20, RZ-20
	Platforms without Cart Stops PM-507 Platforms with Cart Stops PM-630	Platforms without Cart Stops PM-507 Platforms with Cart Stops PM-630
Hinge		

80101076 Rev. 04 8-09

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

GEN 1 BZ & RZ STEEL PLATFORM ASSEMBLY
 (All Years)



WALTCO
 TRUCK EQUIPMENT CO.
 BZ & RZ Series

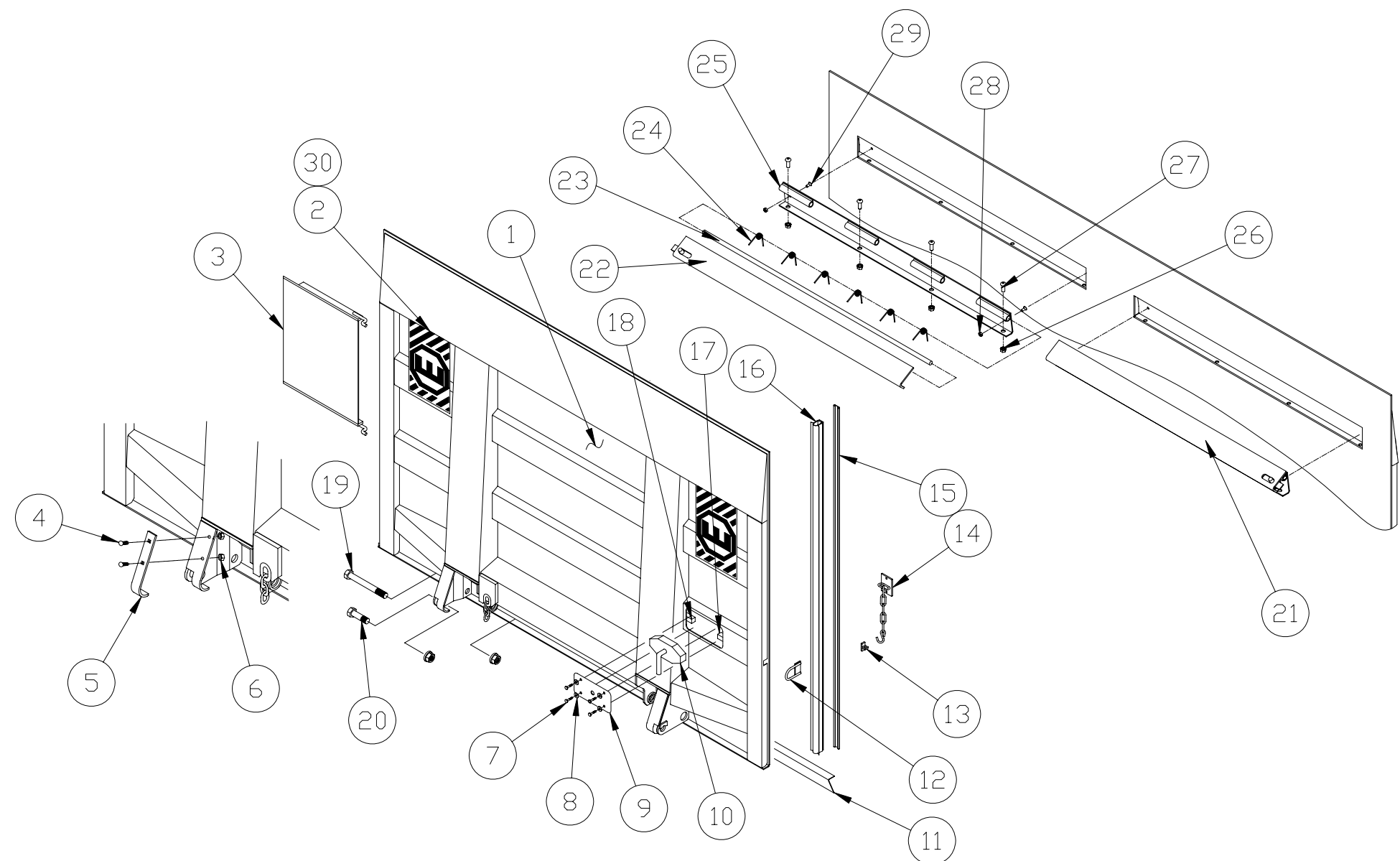
REVISED: 8-1-09
 E.O. 6251
 REV. 03

PM-507

ITEM	PART NUMBER	QTY	DESCRIPTION
1	14210000	1	48 x 94 Deck Assy (RZ-10)
	14210001	1	60 x 94 Deck Assy (RZ-10)
	14210005	1	48 x 96 Deck Assy (RZ-10)
	14210006	1	60 x 96 Deck Assy (RZ-10)
	14210015	1	48 x 100 Deck Assy (RZ-10)
	14210016	1	60 x 100 Deck Assy (RZ-10)
	14310000	1	48 x 94 Deck Assy (BZ-15,20, RZ-20)
	14310001	1	60 x 94 Deck Assy (BZ-15,20, RZ-20)
	14310002	1	72 x 94 Deck Assy (BZ-15,20, RZ-20)
	14410003	1	84 x 94 Deck Assy (BZ-15,20, RZ-20)
	14310005	1	48 x 96 Deck Assy (BZ-15,20, RZ-20)
	14310006	1	60 x 96 Deck Assy (BZ-15,20, RZ-20)
	14310007	1	72 x 96 Deck Assy (BZ-15,20, RZ-20)
	14410008	1	84 x 96 Deck Assy (BZ-15,20, RZ-20)
	14310015	1	48 x 100 Deck Assy (BZ-15,20, RZ-20)
	14310016	1	60 x 100 Deck Assy (BZ-15,20, RZ-20)
	14310017	1	72 x 100 Deck Assy (BZ-15,20, RZ-20)
	14410018	1	84 x 100 Deck Assy (BZ-15,20, RZ-20)
	14310040	1	48 x 94 Reinforced Deck Assy (BZ-15,20, RZ-20)
	14310041	1	60 x 94 Reinforced Deck Assy (BZ-15,20, RZ-20)
	14310042	1	72 x 94 Reinforced Deck Assy (BZ-15,20, RZ-20)
	14410043	1	84 x 94 Reinforced Deck Assy (BZ-15,20, RZ-20)
	14310045	1	48 x 96 Reinforced Deck Assy (BZ-15,20, RZ-20)
	14310046	1	60 x 96 Reinforced Deck Assy (BZ-15,20, RZ-20)
	14310047	1	72 x 96 Reinforced Deck Assy (BZ-15,20, RZ-20)
	14410048	1	84 x 96 Reinforced Deck Assy (BZ-15,20, RZ-20)
	14310055	1	48 x 100 Reinforced Deck Assy (BZ-15,20, RZ-20)
	14310056	1	60 x 100 Reinforced Deck Assy (BZ-15,20, RZ-20)
	14310057	1	72 x 100 Reinforced Deck Assy (BZ-15,20, RZ-20)

ITEM	PART NUMBER	QTY	DESCRIPTION
	14410058	1	84 x 100 Reinforced Deck Assy (BZ-15,20, RZ-20)
2	75089905	2	Corner flag
3	14214001 14214003	1	Steel Side Ramp (Optional) Aluminum Side Ramp (Optional)
4	75087583	4	5/16"-18x1" Carriage Bolt
5	14272101	2	Wear Pad
6	75085177	4	5/16"-18 Lock Nut
7	75086008	4	1/4"-20x1-1/2" Hex Bolt
8	75088052	4	5/16" Flat Washer
9	75089953	1	Lock Cover (Plastic)
10	14293501	1	Lock
11	75089913	1	Sill Extension (Steel)
12	75089968	2	Lock Ears
13	10111700	2	Chain Clip
14	10193000	2	Latch Chain
15	75089961 75090087	2	Steel Rail for 75089960 (59" Long) Steel Rail for 75089960 (98" Long)
16	75089960	2	Rubber Seal Strip (Specify Length)
17	14293294 14293211	1	Lock Bar (CS) 94" Wide Platform Lock Bar (CS) 100" Wide Platform
18	14293194 14293111	1	Lock Bar (DS) 94" Wide Platform Lock Bar (DS) 100" Wide Platform
19	75089907	2	Upper Pivot Bolt w/Nut (Lift Arm)
20	75089909	2	Lower Pivot Bolt w/Nut (Tilt Cylinder)
21	Z20273	2	Corner Flag Mounting Bracket

GEN 1 BZ & RZ STEEL PLATFORM ASSEMBLY with CART STOPS
 (All Years)



WALTCO
 TRUCK EQUIPMENT CO.
 BZ & RZ Series

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

PM-630

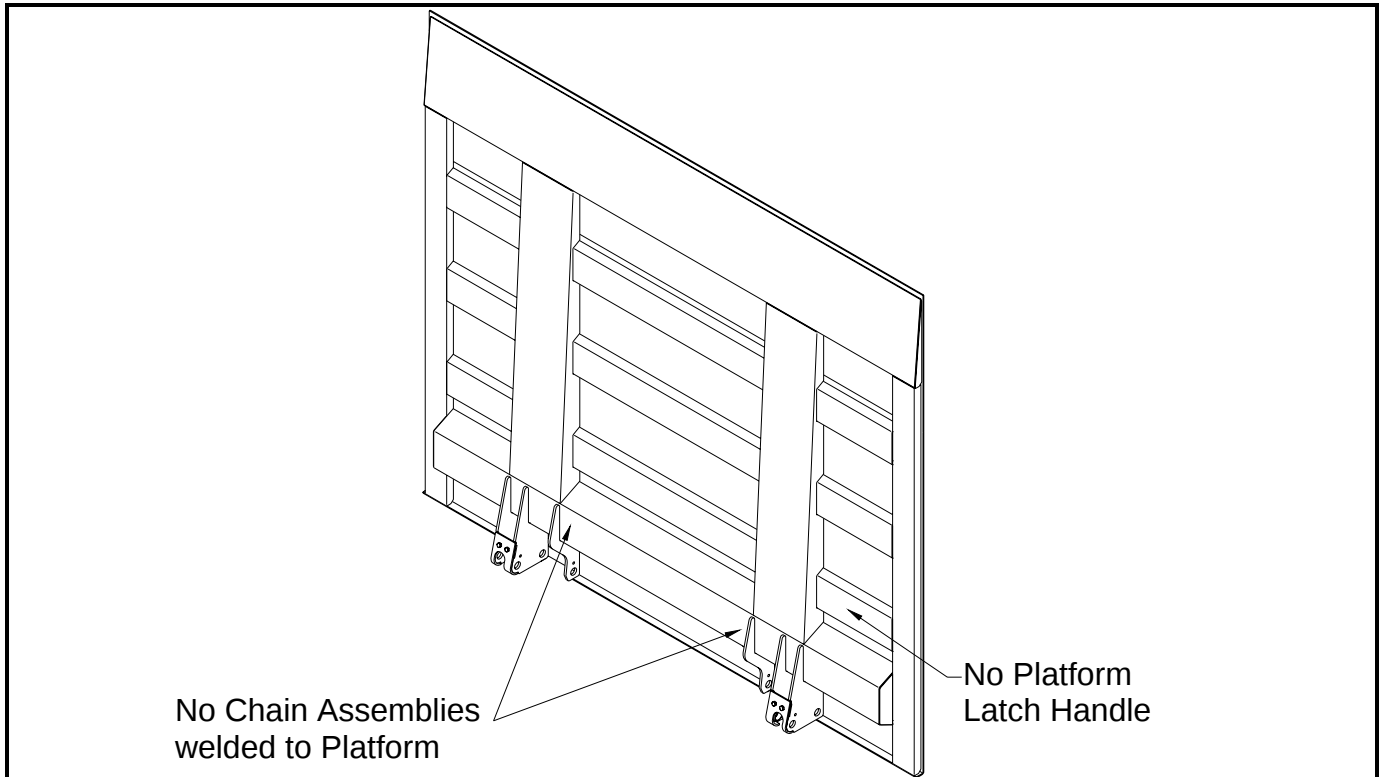
ITEM	PART NUMBER	QTY	DESCRIPTION
1	14210020	1	48 x 94 C/S Deck Assy (RZ-10)
	14210021	1	60 x 94 C/S Deck Assy (RZ-10)
	14210025	1	48 x 96 C/S Deck Assy (RZ-10)
	14210026	1	60 x 96 C/S Deck Assy (RZ-10)
	14210035	1	48 x 100 C/S Deck Assy (RZ-10)
	14210036	1	60 x 100 C/S Deck Assy (RZ-10)
	14310020	1	48 x 94 C/S Deck Assy (BZ-15,20, RZ-20)
	14310021	1	60 x 94 C/S Deck Assy (BZ-15,20, RZ-20)
	14310022	1	72 x 94 C/S Deck Assy (BZ-15,20, RZ-20)
	14410023	1	84 x 94 C/S Deck Assy (BZ-15,20, RZ-20)
	14310025	1	48 x 96 C/S Deck Assy (BZ-15,20, RZ-20)
	14310026	1	60 x 96 C/S Deck Assy (BZ-15,20, RZ-20)
	14310027	1	72 x 96 C/S Deck Assy (BZ-15,20, RZ-20)
	14410028	1	84 x 96 C/S Deck Assy (BZ-15,20, RZ-20)
	14310035	1	48 x 100 C/S Deck Assy (BZ-15,20, RZ-20)
	14310036	1	60 x 100 C/S Deck Assy (BZ-15,20, RZ-20)
	14310037	1	72 x 100 C/S Deck Assy (BZ-15,20, RZ-20)
	14410038	1	84 x 100 C/S Deck Assy (BZ-15,20, RZ-20)
	14310060	1	48 x 94 C/S Reinforced Deck Assy (BZ-15,20, RZ-20)
	14310061	1	60 x 94 C/S Reinforced Deck Assy (BZ-15,20, RZ-20)
	14310062	1	72 x 94 C/S Reinforced Deck Assy (BZ-15,20, RZ-20)
	14410063	1	84 x 94 C/S Reinforced Deck Assy (BZ-15,20, RZ-20)
	14310065	1	48 x 96 C/S Reinforced Deck Assy (BZ-15,20, RZ-20)
	14310066	1	60 x 96 C/S Reinforced Deck Assy (BZ-15,20, RZ-20)
	14310067	1	72 x 96 C/S Reinforced Deck Assy (BZ-15,20, RZ-20)
	14410068	1	84 x 96 C/S Reinforced Deck Assy (BZ-15,20, RZ-20)
	14310075	1	48 x 100 C/S Reinforced Deck Assy (BZ-15,20, RZ-20)
	14310076	1	60 x 100 C/S Reinforced Deck Assy (BZ-15,20, RZ-20)
	14310077	1	72 x 100 C/S Reinforced Deck Assy (BZ-15,20, RZ-20)
	14410078	1	84 x 100 C/S Reinforced Deck Assy (BZ-15,20, RZ-20)
2	75089905	2	Corner flag
3	14214001	1	Steel Side Ramp (Optional)

ITEM	PART NUMBER	QTY	DESCRIPTION
	14214003	1	Aluminum Side Ramp (Optional)
4	75087583	4	5/16"-18x1" Carriage Bolt
5	14272101	2	Wear Pad
6	75085177	4	5/16"-18 Lock Nut
7	75086008	4	1/4"-20x1-1/2" Hex Bolt
8	75088052	4	5/16" Flat Washer
9	75089953	1	Lock Cover (Plastic)
10	14293501	1	Lock
11	75089913	1	Sill Extension (Steel)
12	75089968	2	Lock Ears
13	10111700	2	Chain Clip
14	10193000	2	Latch Chain
15	75089961	2	Steel Rail for 75089960 (59" Long)
	75090087	2	Steel Rail for 75089960 (98" Long)
16	75089960	2	Rubber Seal Strip (Specify Length)
17	14293294	1	Lock Bar (CS) 94" Wide Platform
	14293296	1	Lock Bar (CS) 96" Wide Platform
	14293211	1	Lock Bar (CS) 100" Wide Platform
18	14293194	1	Lock Bar (DS) 94" Wide Platform
	14293196	1	Lock Bar (DS) 96" Wide Platform
	14293111	1	Lock Bar (DS) 100" Wide Platform
19	75089907	2	Upper Pivot Bolt w/Nut (Lift Arm)
20	75089909	2	Lower Pivot Bolt w/Nut (Tilt Cylinder)
21	14240001	1	Cart Stop Assembly Complete, Curb Side
	14240051	1	Cart Stop Assembly Complete, Street Side
22	14241501	1	Cart Stop Assembly, Curb Side
	14241551	1	Cart Stop Assembly, Street Side
23	14241201	2	Cart Stop Pivot Pin
24	14241601	12	Cart Stop Spring (6 per Cart Stop)
25	14241001	2	Cart Stop Base Assembly
26	75085005	8	3/8"-16 Serrated Nut
27	75086857	8	3/8"-16 x 1" Button Head Socket Screw (4 per Cart Stop)
28	75085175	4	1/4"-20 Lock Nut (2 per Cart Stop)
29	75086000	4	1/4"-20 x 5/8" Flat Head Socket Screw (2 per Cart Stop)
30	Z20273	2	Corner Flag Mounting Bracket

LEVEL LIFT PLATFORM ASSEMBLY – Generation 2 - BZ Series

(Built 11/02 thru 9-04 - See note below)

Note: For assistance on how to tell which Generation (1, 2, or 3) Level Lift you have, refer to the diagrams on these pages and the [Liftgate Terminology](#) section at the beginning of this document.



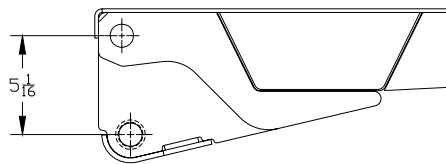
Common Features

- Capacity decal: 2200, 3300, 4400 pounds
- Size: 48", 60", 72" and 84" deep
94" and 100" wide
- Steel and Aluminum Platforms available
- No Latch handle (Liftgate locks hydraulically)
- Warning/Marker Lights on Platform
- Foot Activated Carts Stops (Optional)
- Reinforced Platform for Forklift Driver Over (Optional)

BZ-22, BZ-33, BZ-44 (Steel)

PM-587

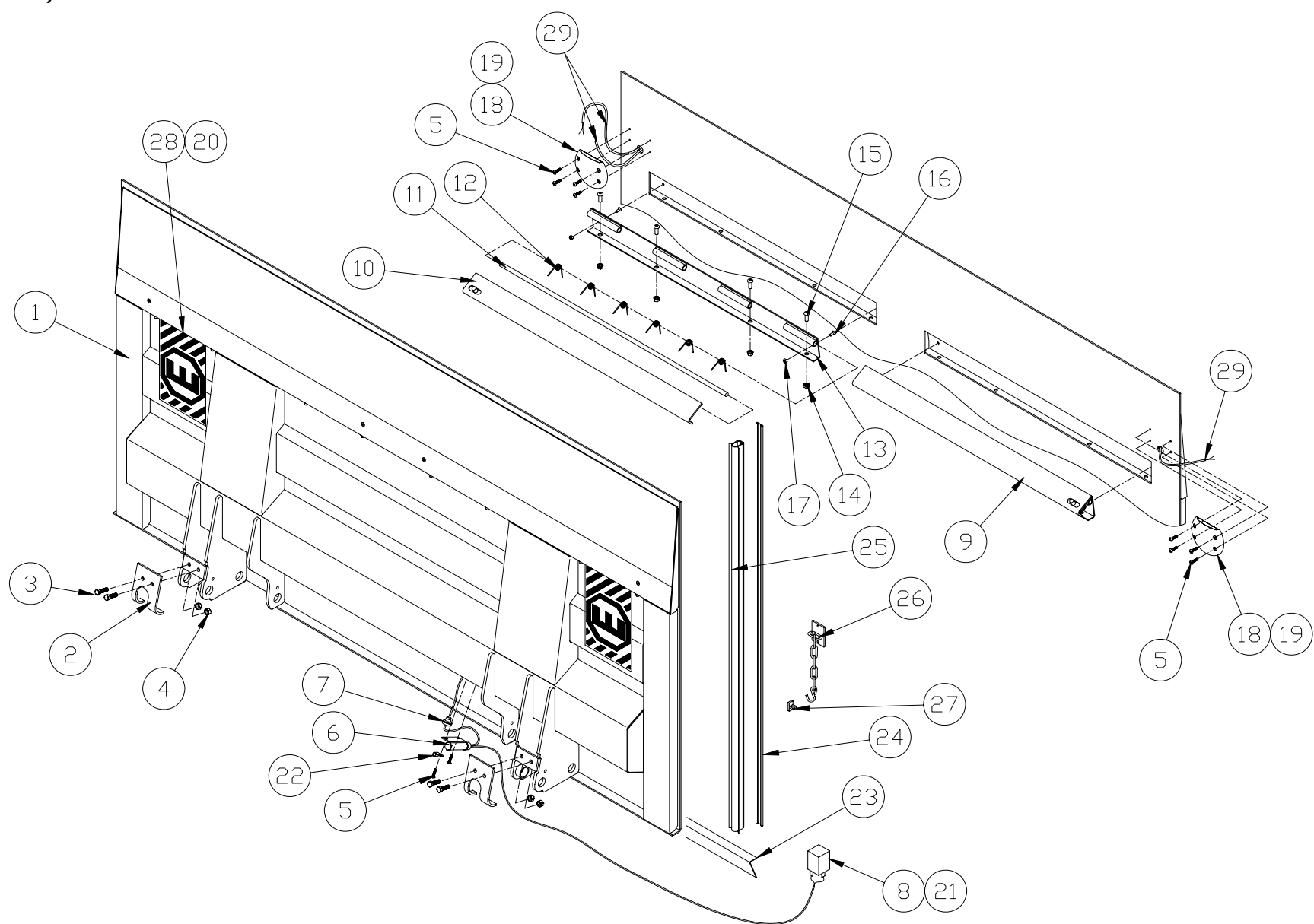
Hinge



80101076 Rev. 04 8-09

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

GEN 2 BZ STEEL PLATFORM ASSEMBLY
(All Years)



WALTCO
TRUCK EQUIPMENT CO.
BZ-22, 33, 44

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

PM-587

ITEM	PART NUMBER	QTY	DESCRIPTION
1	14610000	1	48 x 94 Deck Assy
	14610001	1	60 x 94 Deck Assy
	14610002	1	72 x 94 Deck Assy
	14610003	1	84 x 94 Deck Assy
	14610004	1	48 x 100 Deck Assy
	14610005	1	60 x 100 Deck Assy
	14610006	1	72 x 100 Deck Assy
	14610007	1	84 x 100 Deck Assy
	14810000	1	48 x 94 Reinforced Deck Assy
	14810001	1	60 x 94 Reinforced Deck Assy
	14810002	1	72 x 94 Reinforced Deck Assy
	14810003	1	84 x 94 Reinforced Deck Assy
	14810004	1	48 x 100 Reinforced Deck Assy
	14810005	1	60 x 100 Reinforced Deck Assy
	14810006	1	72 x 100 Reinforced Deck Assy
	14810007	1	84 x 100 Reinforced Deck Assy
	14610020	1	48 x 94 C/S Deck Assy
	14610021	1	60 x 94 C/S Deck Assy
	14610022	1	72 x 94 C/S Deck Assy
	14610023	1	84 x 94 C/S Deck Assy
	14610024	1	48 x 100 C/S Deck Assy
	14610025	1	60 x 100 C/S Deck Assy
	14610026	1	72 x 100 C/S Deck Assy
	14610027	1	84 x 100 C/S Deck Assy
	14810020	1	48 x 94 C/S Reinforced Deck Assy
	14810021	1	60 x 94 C/S Reinforced Deck Assy
	14810022	1	72 x 94 C/S Reinforced Deck Assy
	14810023	1	84 x 94 C/S Reinforced Deck Assy
	14810024	1	48 x 100 C/S Reinforced Deck Assy
	14810025	1	60 x 100 C/S Reinforced Deck Assy
	14810026	1	72 x 100 C/S Reinforced Deck Assy
	14810027	1	84 x 100 C/S Reinforced Deck Assy
2	14612351	1	Wear pad, Curb side
	14612301	1	Wear pad, Driver side
3	75086225	4	7/16"-14 x 1-1/2" Hex Bolt
4	75085178	4	7/16"-14 Locknut
5	75099251	10	Self Tapping Screw
6	Z65602	1	Cables incl. Mercury switch
	Z31799	1	Mercury Switch

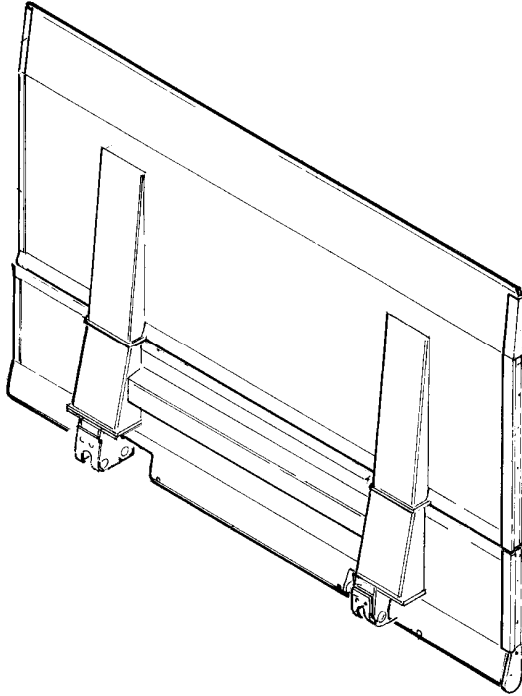
ITEM	PART NUMBER	QTY	DESCRIPTION
7	Z21217	1	Rubber Grommet
8	Z21905	1	Relay 12V
9	14640001	1	Cart Stop Assy Complete, Curb Side
	14640051	1	Cart Stop Assy Complete, Street Side
10	14641501	1	Stop Assembly, Curb Side
	14641551	1	Stop Assembly, Street Side
11	14241201	2	Cart Stop Pivot Pin (1 per Cart Stop)
12	14241601	12	Cart Stop Spring (6 per Cart Stop)
13	14641001	2	Cart Stop Base Assy (1 per Cart Stop)
14	75085005	8	3/8"-16 Serrated Nut (4 per Cart Stop)
15	75086857	8	3/8"-16 x 1" Button Head Socket Screw (4 per Cart Stop)
16	75086000	4	1/4"-20 x 5/8" Flat Head Socket Screw (2 per Cart Stop)
17	75085175	4	1/4"-20 Locknut (2 per Cart Stop)
18	Z21525	2	Warning light
19	Z21908	4	Bulb 12V
20	Z20273	2	Corner Flag Mounting Bracket
21	Z21496	1	Relay Socket
22	Z21212	1	Clamp
23	75089913	1	Sill Spacer (Steel)
24	75089961	1	Steel Rail for 75089960 (59" long)
	75090087	1	Steel Rail for 75089960 (98" long)
25	75089960	2	Rubber Seal Strip (Specify Length)
26	10193000	2	Latch Chain (Optional)
27	10111700	2	Chain Clip (Optional)
28	75089905	2	Corner flag
29	Z21407	1	Warning Light Cable

LEVEL LIFT PLATFORM ASSEMBLY – Generation 2 - WZ Series

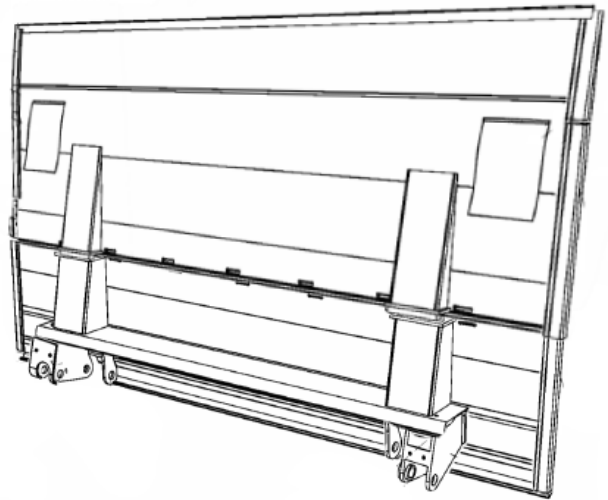
(Built 5/00 thru 9-04 - See note below)

Note: For assistance on how to tell which Generation (1, 2, or 3) Level Lift you have, refer to the diagrams on these pages and the [Liftgate Terminology](#) section at the beginning of this document.

AVI Platform



PML Platform



Common Features

- * Capacity decal: 4400 pounds
- * Size: 72" deep x 96" wide
- * Aluminum 2 piece Folding Platform
- * No Latch handle (Liftgate locks hydraulically)
- * Warning/Marker Lights on Platform
- * Foot Activated Carts Stops

WZ-44

Aluminum Platform (AVI)

PM-604

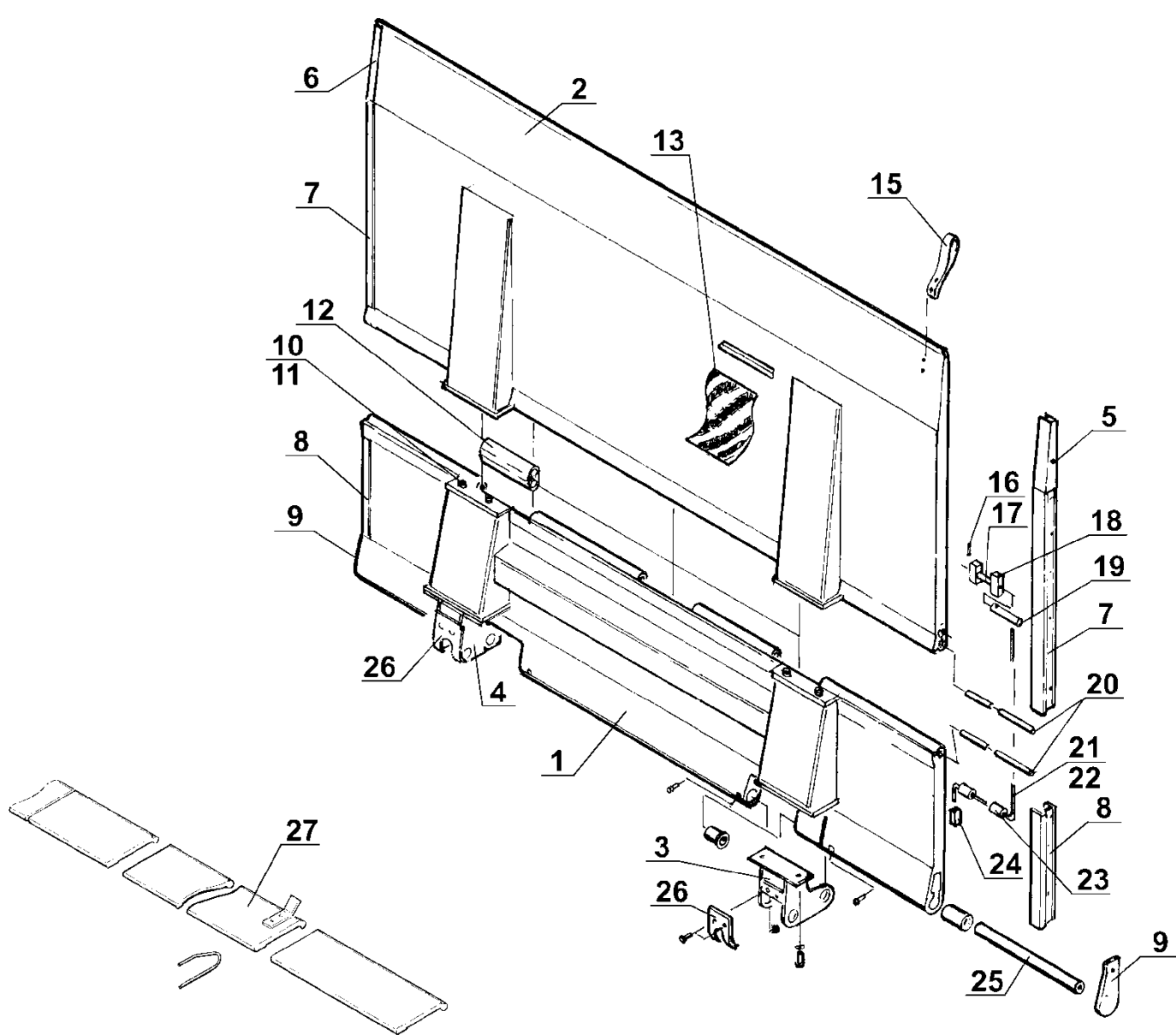
Aluminum Platform (PML)

PM-810

80101076 Rev. 04 8-09

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

GEN 2 WZ ALUMINUM PLATFORM, AVI
(All Years)



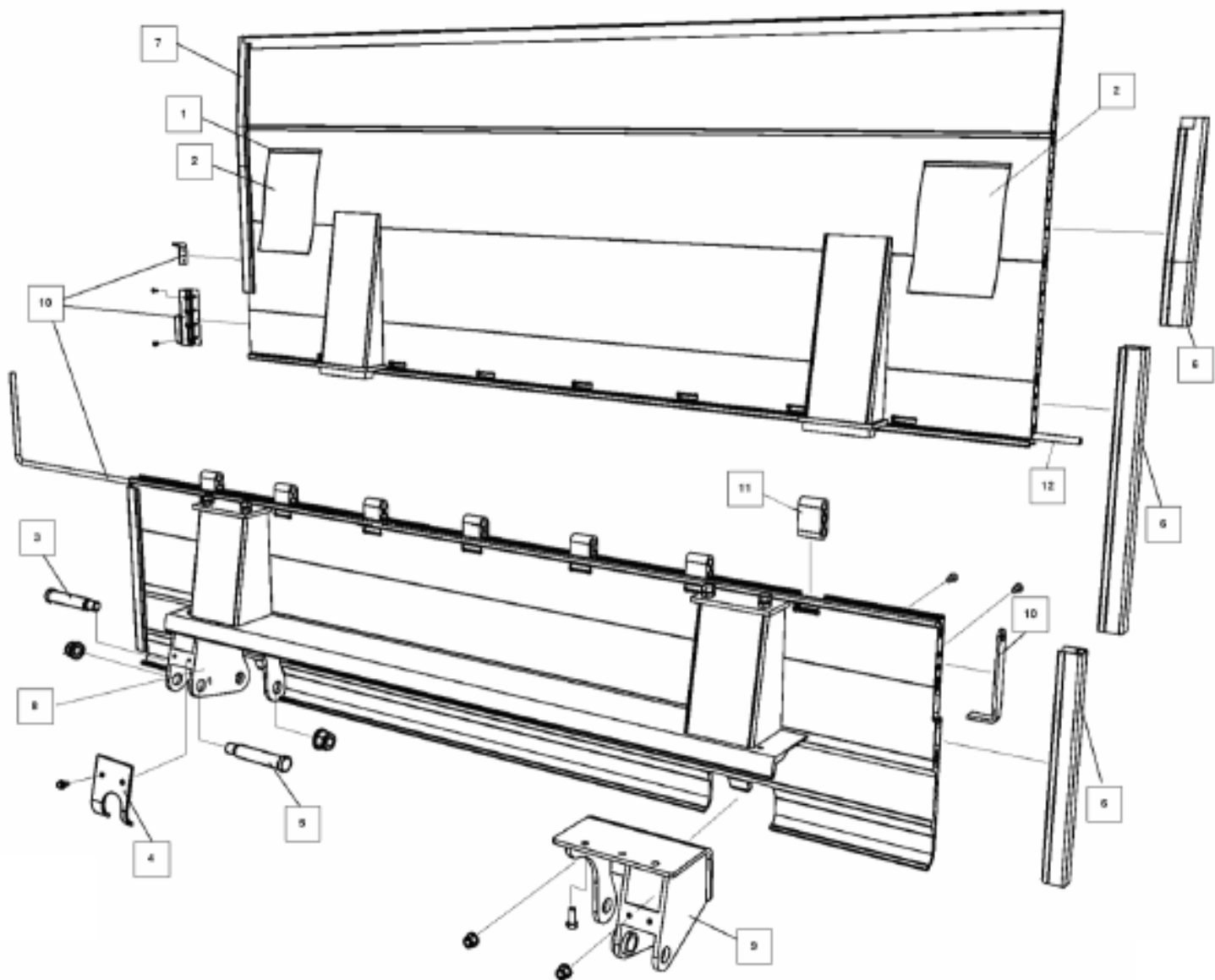
WALTCO LIFT CORP.
WZ-44

REVISED: 8-7-03
E.O. 5150
REV. 01

PM-604

ITEM	PART NUMBER	QTY	DESCRIPTION
1	Z32120	1	Platform, aluminum first part, 31- ½"
2	Z32123	1	Platform, aluminum second part, 41"
3	Z31875	1	Bracket, right WZ-44
4	Z32125	1	Bracket, left WZ-44
5	Z31878	1	Plastic profile right
6	Z31879	1	Plastic profile left
7	Z31884	2	Side profile upper 41"
8	Z32132	2	Side profile lower 31- ½"
9	Z31882	2	Cap, aluminum
10	Z32110	4	Screw M16
11	Z32111	4	Nut M16
12	Z32108	2	Hinge, aluminum
13	75089905	2	Corner flag
15	Z31877	1	Handle
16	Z32143	2	Pin
17	Z32141	2	Bushing
18	Z32142	2	Nylon block
19	Z32140	2	Pivot bolt
20	Z32109	2	Axle
21	Z31946	1	Torsion Spring left Ø 7/16" (11mm)
22	Z31945	1	Torsion Spring right Ø 7/16" (11mm)
23	Z32144	2	Bushing
24	Z32145	1	Block profile
25	Z31881	2	Pivot bolt L= 14- 9/16"
26	Z31880	2	Wear protect
27	Z32083	2	Cart stop

GEN 2 WZ ALUMINUM PLATFORM, PML,
(All Years)



WALTCO LIFT CORP.
WZ-44

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

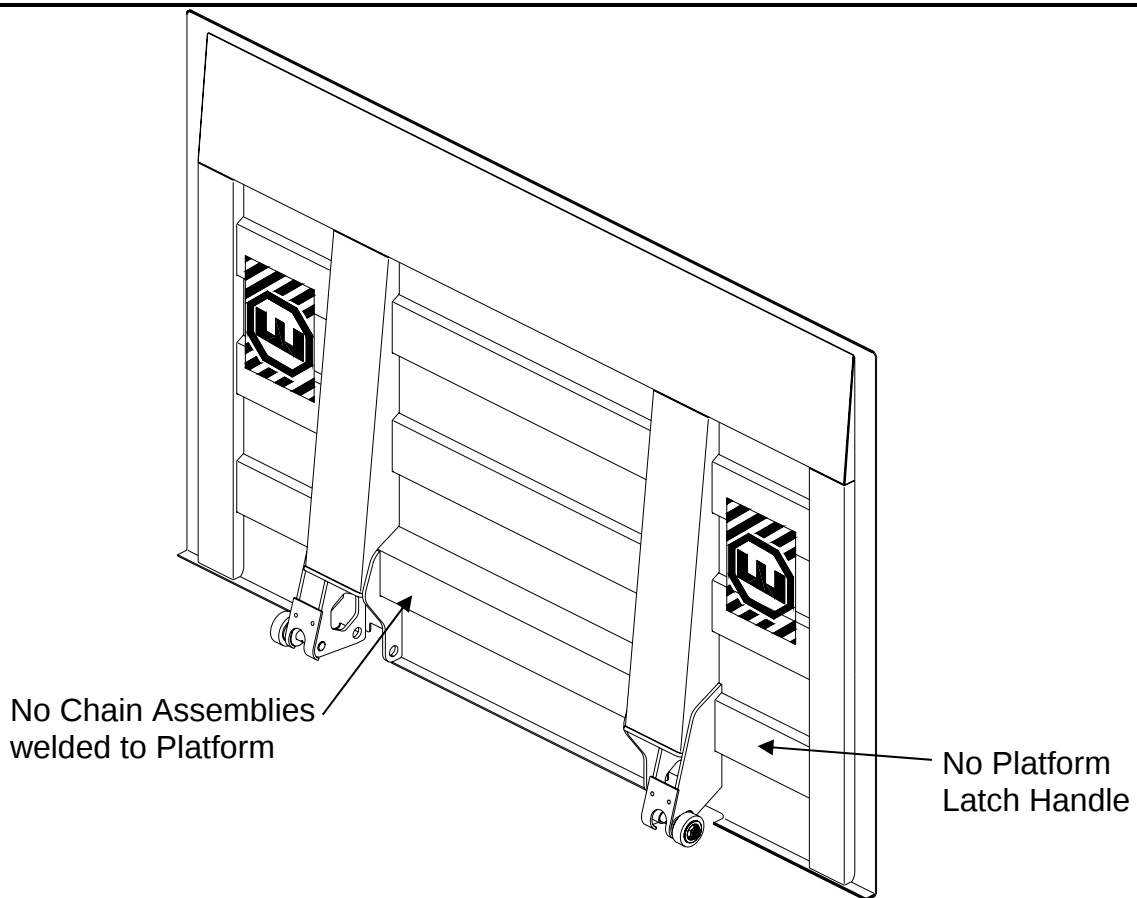
PM-810

ITEM	PART NUMBER	QTY	DESCRIPTION
1	Z20273	2	Profile for Corner Flag
2	75089905	2	Corner Flag
3	Z32254	2	Pivot Bolt Complete (L=170mm)
4	Z31114	1	Wear Pad Bracket – Complete Set
5	Z32253	2	Pivot Bolt Complete (L=92mm)
6	Z32853	1	Side Profile Curb Side (3 pcs)
	Z32854	1	Side Profile Anod. Curb Side (3 pcs)
7	Z32855	1	Side Profile Street Side (3 pcs)
	Z32856	1	Side Profile Anod. Street Side (3 pcs)
8	Z52600	1	Hinge Assembly, Street Side
9	Z52601	1	Hinge Assembly, Curb Side
10	Z32778	1	Torsion Spring D=14 Complete Set, PML
11	Z33135	7	Hinge, L=50mm for Pin D=14mm
12	Z32948	1	Hinge Pin D=14mm, L=2600mm

LEVEL LIFT PLATFORM ASSEMBLY – Generation 3 - RZ Series

(After 10-05 - See note below)

Note: For assistance on how to tell which Generation (1, 2, or 3) Level Lift you have, refer to the diagrams on these pages and the [Liftgate Terminology](#) section at the beginning of this document.



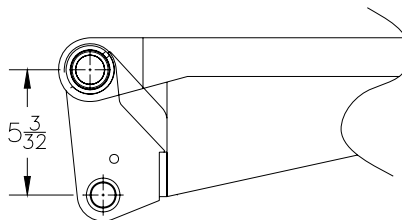
Common Features

- * Capacity decal: 2200 pounds
- * Size: 59" Deep x 92-1/2" Wide
- * Steel and Aluminum Platforms available
- * No Latch handle (Liftgate locks hydraulically)
- * Warning/Marker Lights on Platform
- * Foot Activated Carts Stops (Optional)

RZ-22 (Steel)

PM-656A

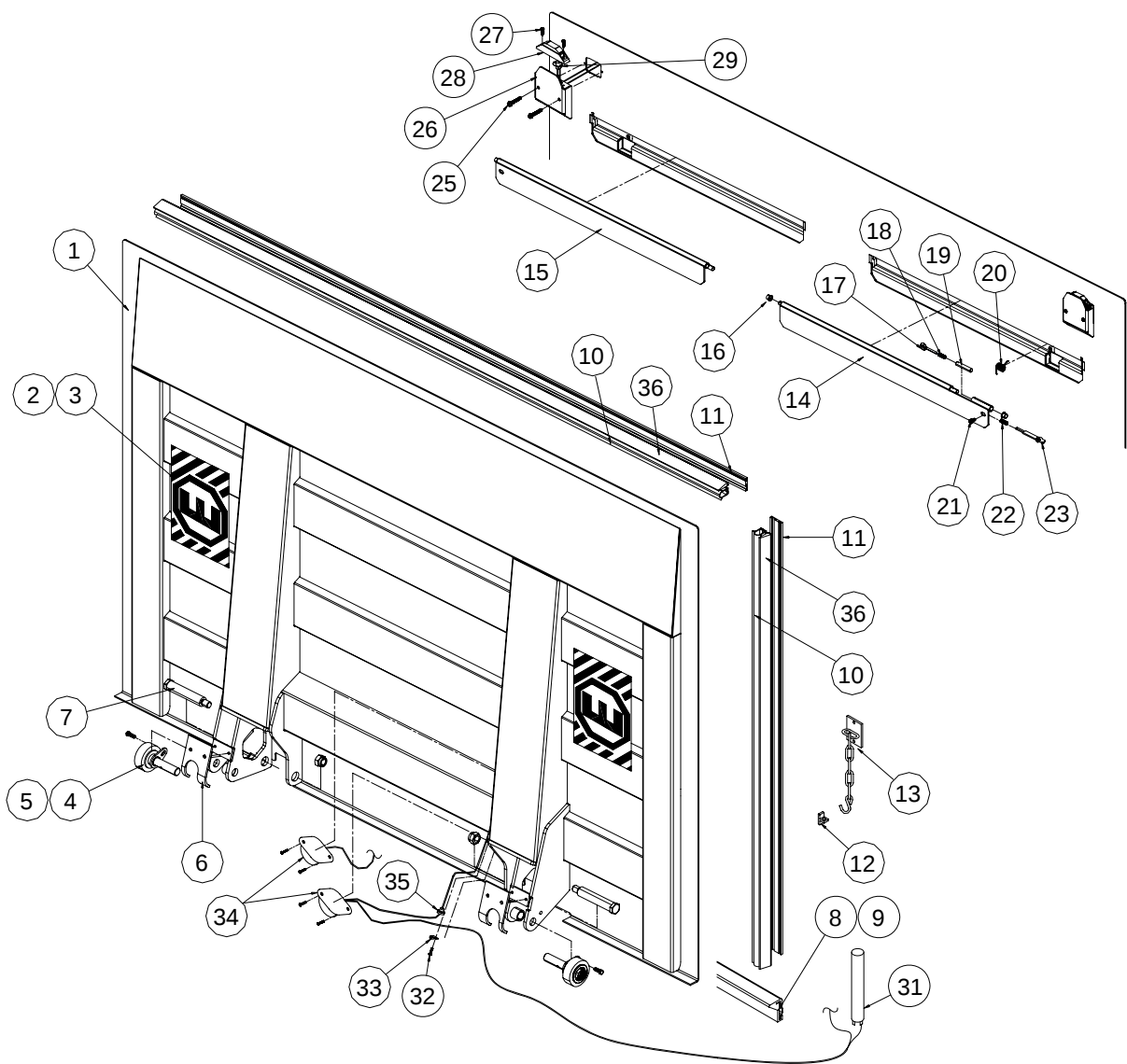
Hinge



80101076 Rev. 04 8-09

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GEN 3 RZ PLATFORM ASSEMBLY (STEEL)
(All Years)



WALTCO
 TRUCK EQUIPMENT CO.
 RZ-22

REVISED: 12-12-05
 E.O. 5656B
 REV. 01

PM-656A

ITEM	PART NUMBER	QTY	DESCRIPTION
1	16510000	1	59" x 92-1/2", Deck assy
	16510020	1	59" x 92-1/2" C/S, Deck assy
2	75089905	2	Corner flag
3	Z20273	2	Corner flag mounting bracket
4	Z32371	2	Support wheel, complete
5	Z69978	2	Plastic support wheel
6	Z31114	1	Wear protection, pair
7	Z32254	2	Pivot pin, L=6-11/16"
8	75089911	1	Steel rail for rubber sill 75089912 (optional)
	16650000	1	Sill extension, steel (7-angle)
9	75089912	1	Rubber sill (optional)
10	75089960	3	Rubber seal strip (specify length / (optional)
11	75089961	3	Steel rail for 75089960 (59" long) (optional)
	75090087	3	Steel rail for 75089960 (98" long) (optional)
	75089936	3	Aluminum double rail for 75089960 and 75089937 (optional)
12	10111700	2	Chain clip (optional)
13	10193000	2	Latch chain (optional)
14	Z50368	1	Flap, driver side, complete
15	Z50375	1	Flap, curb side, complete
16	Z21826	4	Bearing
17	Z21825	2	Eye bolt
18	Z20889	2	Spring
19	Z68800	2	Faucet
20	Z50369	1	Torsion spring, driver side
	Z50405	1	Torsion spring, curb side
21	Z21969	2	Screw
22	Z20889	2	Spring
23	Z50370	2	Lock head
25	75086871	4	Screw
26	16612100	2	Warning light mount ^A
27	75086847	8	Screw ^A
28	75089423	4	Warning light, red ^A
29	75089438	2	Connector ^A
31	Z66624	1	Flasher relay with wires
32	75099251	1	Self tapping screw

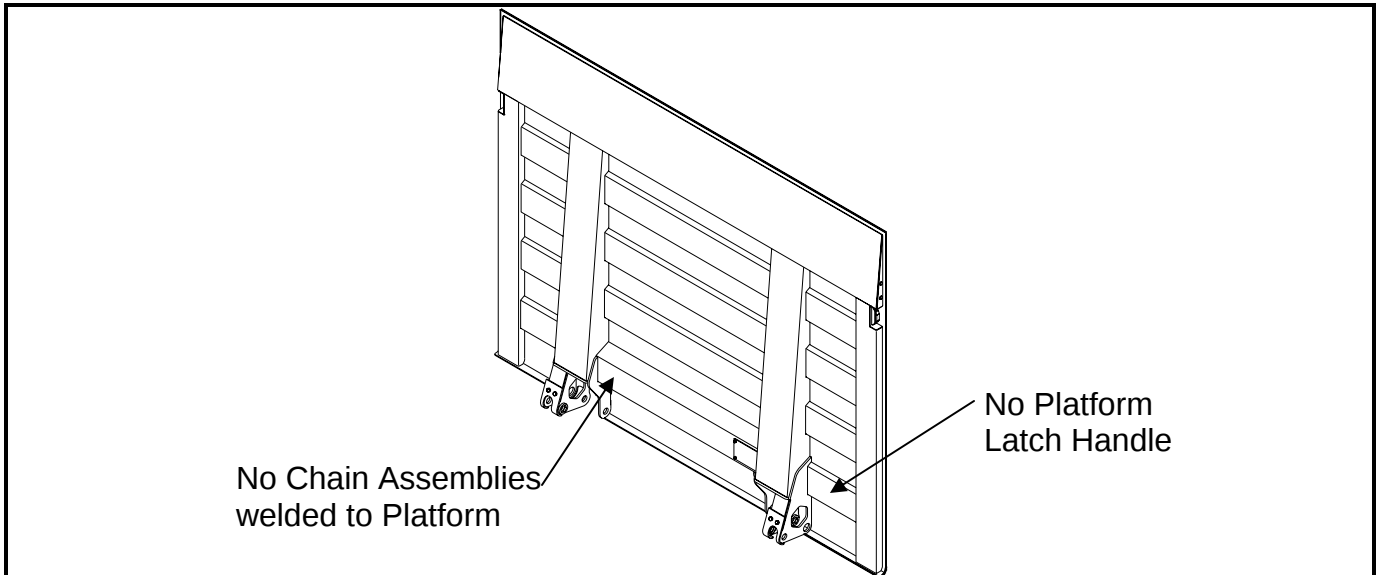
ITEM	PART NUMBER	QTY	DESCRIPTION
33	Z21212	1	Clamp
34	Z31799	2	Angle Sensor (formerly known as Mercury Switch)
35	75090140	2	Rubber grommet
36	75089937	3	Rubber air foil (specify length / optional)

^A Included in Caution light with mount 16591100

LEVEL LIFT PLATFORM ASSEMBLY – Generation 3 - BZ Series

(Built after 9-04 - See note below)

Note: For assistance on how to tell which Generation (1, 2, or 3) Level Lift you have, refer to the diagrams on these pages and the [Liftgate Terminology](#) section at the beginning of this document.



Common Features

- Capacity decal: 3300, 4400, 5500 pounds
- Size: 48", 60", 72" and 84" deep
94" and 100" wide
- Steel and Aluminum Platforms available
- No Latch handle (Liftgate locks hydraulically)
- Warning/Marker Lights on Platform
- Foot Activated Carts Stops (Optional)

BZ-33, BZ-44, BZ-55 (Steel)

PM-646 Built thru 7-06

PM-646A Built from 7-06

BZ-33, BZ-44, BZ-55 (Aluminum)

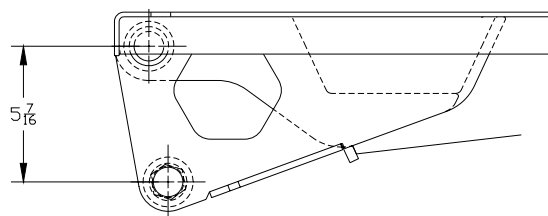
PM-697 Built thru 7-06

PM-697A Built from 7-06

**BZ-33, BZ-44, BZ-55
(Aluminum Platform Cart Stop)**

PM-684

Hinge

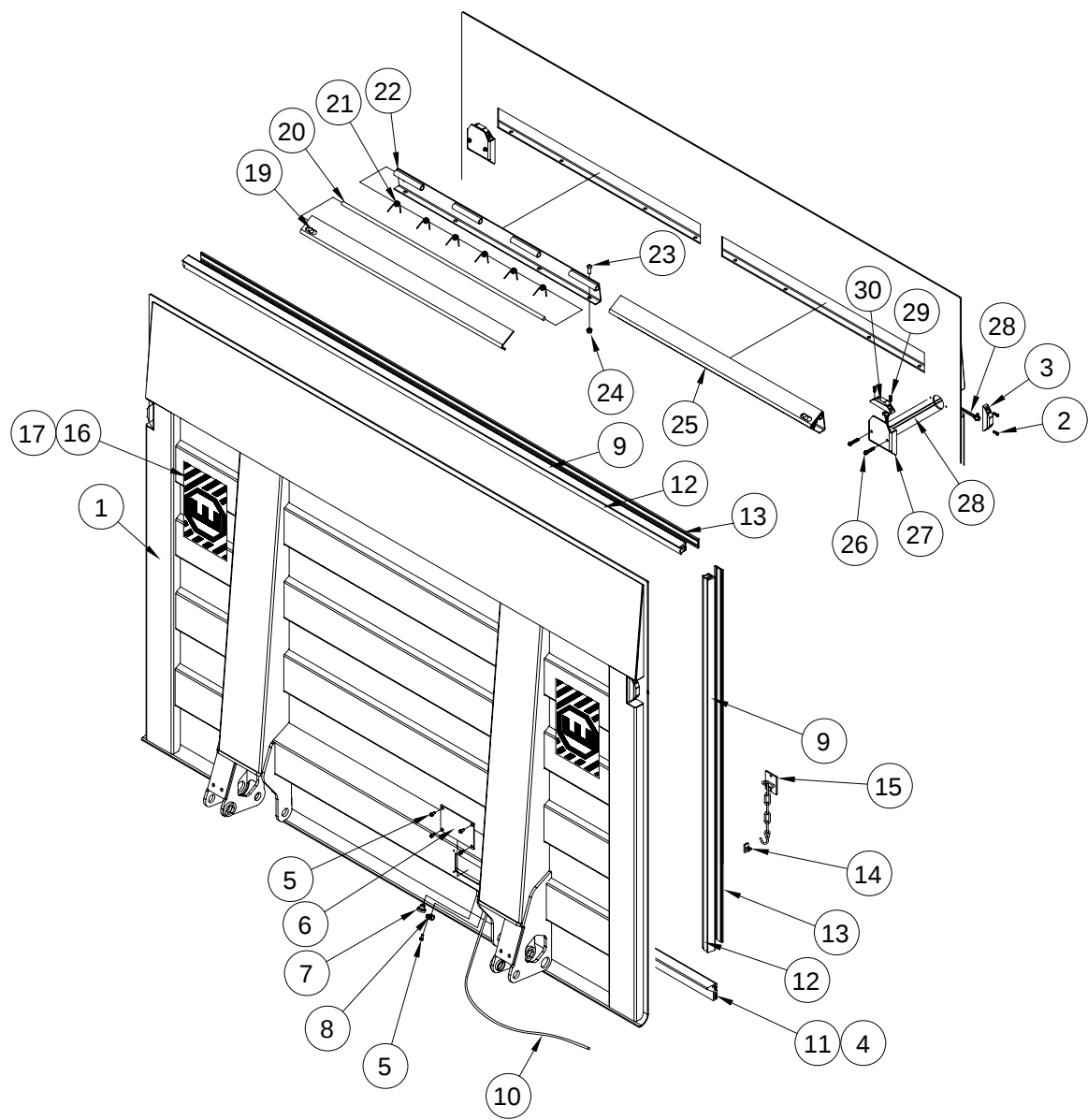


80101076 Rev. 04 8-09

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GEN 3 BZ PLATFORM (STEEL)

(Built thru 7-06)



WALTCO
TRUCK EQUIPMENT CO.
BZ-33, 44, 55

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

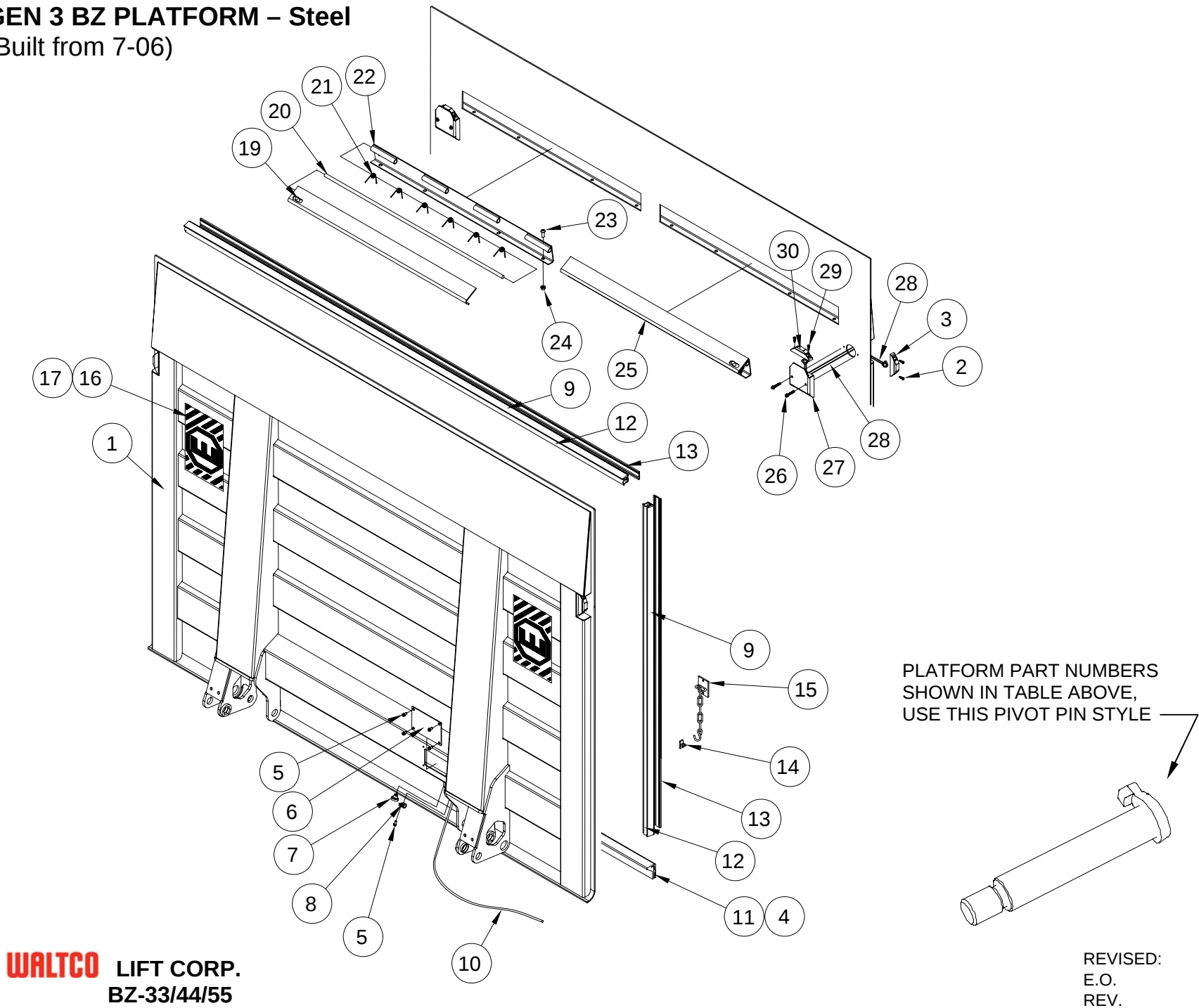
PM-646

ITEM	PART NUMBER	QTY	DESCRIPTION
1	16610000	1	Platform, 48 x 94", with lights
	16610001	1	Platform, 60 x 94", with lights
	16610002	1	Platform, 72 x 94", with lights
	16610003	1	Platform, 84 x 94", with lights
	16610004	1	Platform, 48 x 100", with lights
	16610005	1	Platform, 60 x 100", with lights
	16610006	1	Platform, 72 x 100", with lights
	16610007	1	Platform, 84 x 100", with lights
	16610020	1	Platform, 48 x 94", with lights and C/S
	16610021	1	Platform, 60 x 94", with lights and C/S
	16610022	1	Platform, 72 x 94", with lights and C/S
	16610023	1	Platform, 84 x 94", with lights and C/S
	16610024	1	Platform, 48 x 100", with lights and C/S
	16610025	1	Platform, 60 x 100", with lights and C/S
	16610026	1	Platform, 72 x 100", with lights and C/S
	16610027	1	Platform, 84 x 100", with lights and C/S
2	75086847 ^A	8	Screw
3	75089423 ^A	4	Warning light, red
4	75089912	1	Rubber sill (optional)
5	75086281	5	Screw
6	16612220	1	Cover plate
7	75089347	1	Grommet
8	75083044	1	Hose clamp
9	75089937	3	Rubber air foil (specify length / optional)
10	16612230	1	Wiring harness to platform
11	75089911	1	Steel rail for rubber sill 75089912 (optional)
	16650000	1	Sill extension, steel (7-angle)
12	75089960	2	Rubber seal strip (specify length) (optional)
	75089961	3	Steel rail for 75089960 (59" long) (optional)
	75090087	3	Steel rail for 75089960 (98" long) (optional)
13	75089936	3	Aluminum double rail for 75089960 and 75089937 (optional)
	10111700	2	Chain clip (optional)
	10193000	2	Latch chain (optional)
16	Z20273	2	Corner flag mounting bracket
17	75089905	2	Corner flag

ITEM	PART NUMBER	QTY	DESCRIPTION
19	14641501	1	Stop assembly, curb side
19	14641551	1	Stop assembly, street side
20	14241201	2	Cart stop pivot pin (1 per cart stop)
21	14241601	12	Cart stop spring (6 per cart stop)
22	14641001	2	Cart stop base assy (1 per cart stop)
23	75086857	8	Button head socket
24	75085005	8	Hex nut
25	14640051	1	Cart stop, driver side
25	14640001	1	Cart stop, curb side
26	75086871	4	Screw
27	16612100 ^A	2	Warning light mount
28	16612250	2	Wiring harness to lights

^A Included in Warning light with mount 16591100

GEN 3 BZ PLATFORM – Steel
 (Built from 7-06)



WALTCO LIFT CORP.
BZ-33/44/55

REVISED: 8-1-09
 E.O. 6251
 REV. 02
PM-646A

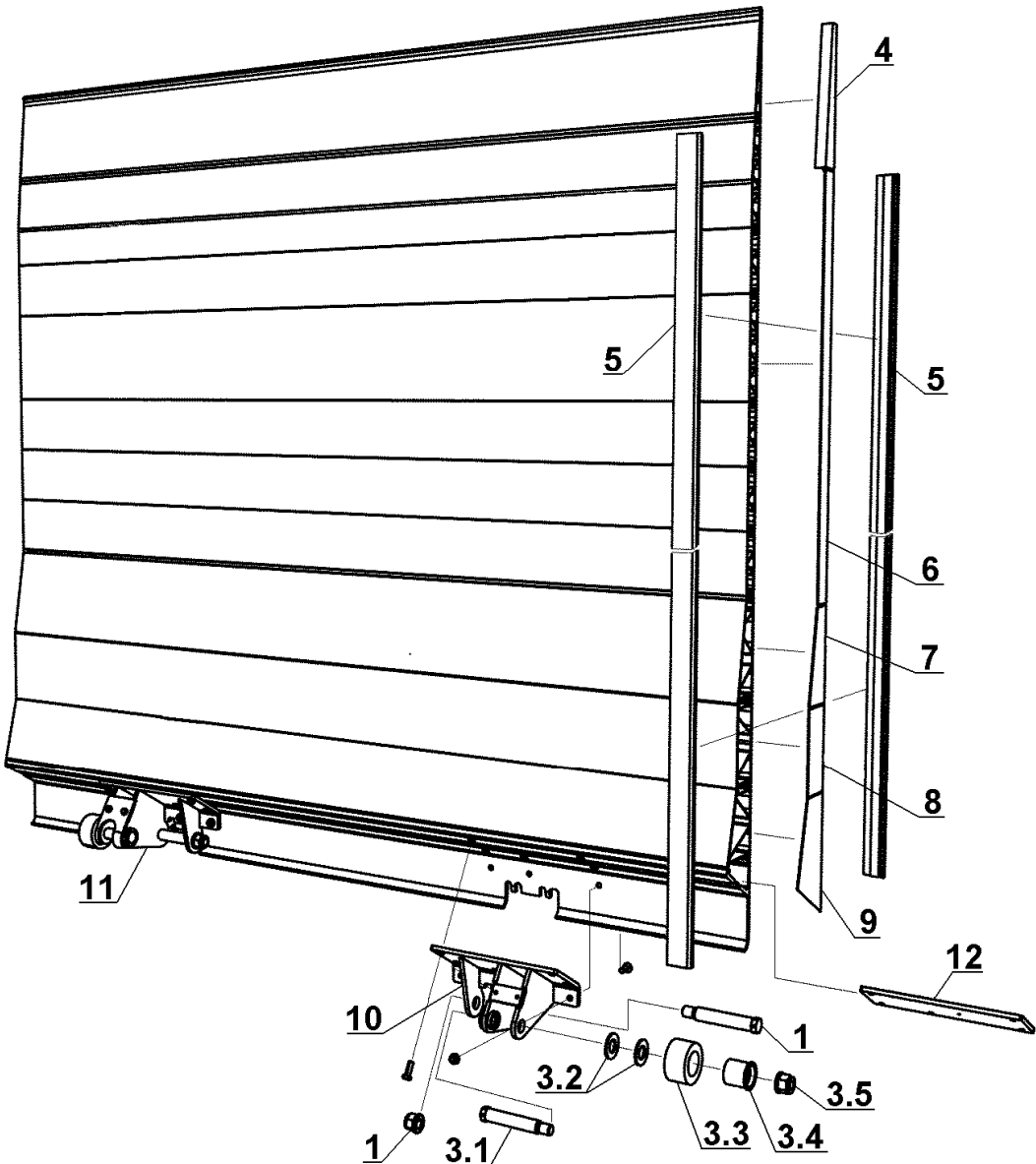
ITEM	PART NUMBER	QTY	DESCRIPTION
1	16610030	1	Platform, 48 x 94", with lights
	16610031	1	Platform, 60 x 94", with lights
	16610032	1	Platform, 72 x 94", with lights
	16610033	1	Platform, 84 x 94", with lights
	16610034	1	Platform, 48 x 100", with lights
	16610035	1	Platform, 60 x 100", with lights
	16610036	1	Platform, 72 x 100", with lights
	16610037	1	Platform, 84 x 100", with lights
	16610040	1	Platform, 48 x 94", with lights and C/S
	16610041	1	Platform, 60 x 94", with lights and C/S
	16610042	1	Platform, 72 x 94", with lights and C/S
	16610043	1	Platform, 84 x 94", with lights and C/S
	16610044	1	Platform, 48 x 100", with lights and C/S
	16610045	1	Platform, 60 x 100", with lights and C/S
	16610046	1	Platform, 72 x 100", with lights and C/S
	16610047	1	Platform, 84 x 100", with lights and C/S
2	75086847 ^A	8	Screw
3	75089423 ^A	4	Warning light, red
4	75089912	1	Rubber sill (optional)
5	75086281	5	Screw
6	16612220	1	Cover plate
7	75089347	1	Grommet
8	75083044	1	Hose clamp
9	75089937	3	Rubber air foil (specify length / optional)
10	16612230	1	Wiring harness to platform
11	75089911	1	Steel rail for rubber sill 75089912 (optional)
	16650000	1	Sill extension, steel (7-angle)
12	75089960	2	Rubber seal strip (specify length) (optional)
	75089961	3	Steel rail for 75089960 (59" long) (optional)
	75090087	3	Steel rail for 75089960 (98" long) (optional)
13	75089936	3	Aluminum double rail for 75089960 and 75089937 (optional)
	10111700	2	Chain clip (optional)
	10193000	2	Latch chain (optional)
16	Z20273	2	Corner flag mounting bracket
17	75089905	2	Corner flag

ITEM	PART NUMBER	QTY	DESCRIPTION
19	14641501	1	Stop assembly, curb side
19	14641551	1	Stop assembly, street side
20	14241201	2	Cart stop pivot pin (1 per cart stop)
21	14241601	12	Cart stop spring (6 per cart stop)
22	14641001	2	Cart stop base assy (1 per cart stop)
23	75086857	8	Button head socket
24	75085005	8	Hex nut
25	14640051	1	Cart stop, driver side
25	14640001	1	Cart stop, curb side
26	75086871	4	Screw
27	16612100 ^A	2	Warning light mount
28	16612250	2	Wiring harness to lights

^A Included in Warning light with mount 16591100

GEN 3 BZ PLATFOM (ALUMINUM)

(Built thru 7-06)



WALTCO
TRUCK EQUIPMENT CO.
BZ-33, 44, 55

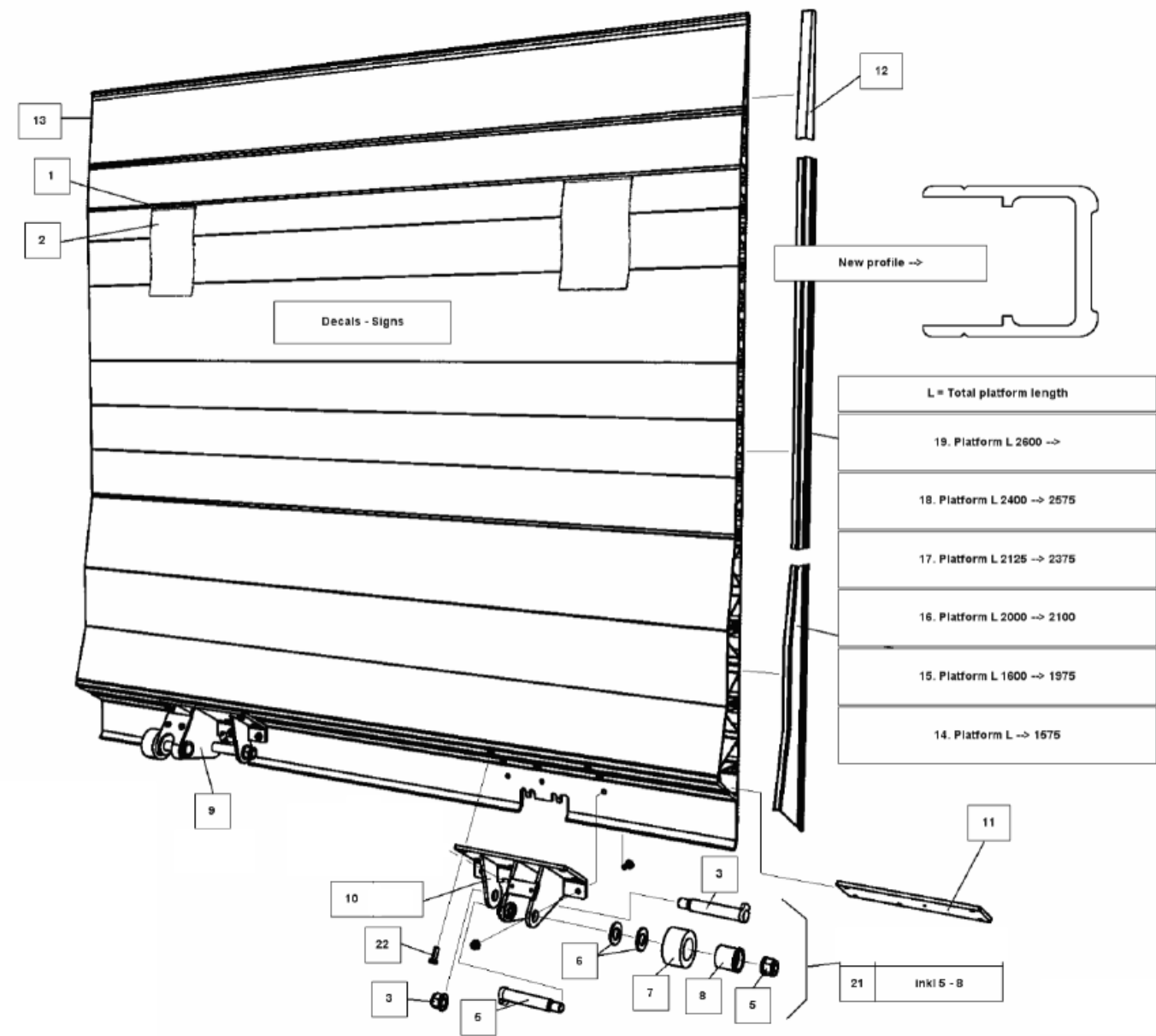
REVISED: 8-1-09
E.O. 6251
REV. 02

PM-697

ITEM	PART NUMBER	QTY	DESCRIPTION
1	Z32343	2	Pivot Blot, complete
3	Z51563	2	Support Wheel, complete
3.1	Z50448	2	Pivot Bolt 1-3/16" Dia., L= 7"
3.2	Z21674	4	Washer
3.3	Z50755	2	Support Wheel
3.4	Z51564	2	Spacing Sleeve
3.5	Z21600	2	Nut
4	Z32636	1	Side Profile L= 17-23/32", right
4	Z32637	1	Side Profile L= 17-23/32", left
5	Z32643	2	Side Profile L= 47-5/8"
5	Z32644	2	Side Profile L= 53-17/32"
5	Z32645	2	Side Profile L= 59-7/16"
5	Z32646	2	Side Profile L= 67-5/16"
5	Z32647	2	Side Profile L= 75-3/16"
6	Z32648	2	Side Plate L= 7-7/8"
6	Z32649	2	Side Plate L= 13-25/32"
6	Z32650	2	Side Plate L= 19-11/16"
7	Z32651	2	Side Plate L= 9-7/16"
8	Z32652	2	Side Plate L= 7-7/8"
8	Z32653	2	Side Plate L= 15-3/4"
9	Z32654	2	Side Plate L= 10-21/32"
10	Z52556	1	Shoe Assembly, Curb-Side
11	Z52555	1	Shoe Assembly, Driver's-Side
12	Z52560	2	Plate

GEN 3 BZ PLATFORM – Aluminum

(Built from 7-06)



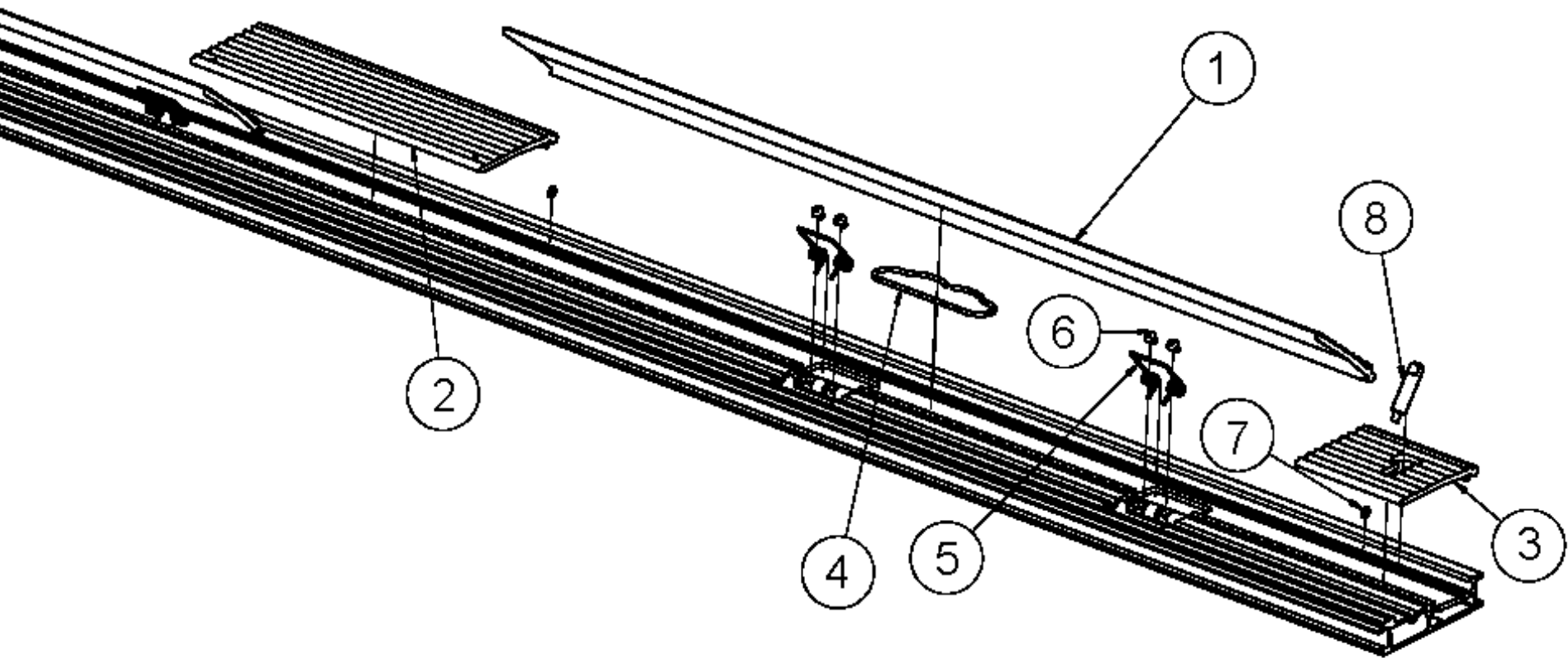
WALTCO LIFT CORP.
BZ-33/44/55

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

PM-697A

ITEM	PART NUMBER	QTY	DESCRIPTION
1	Z20273	2	Profile for Warning Flag
2	75089905	2	Warning Flag
3	Z32785	2	Pivot Bolt
5	Z32785	2	Pivot Bolt
6	Z21674	4	Washer
7	Z50755	2	Support Wheel
8	Z51564	2	Spacing Sleeve
9	Z53694	1	Hinge Bracket, DS
10	Z53693	1	Hinge Bracket, CS
12	Z32636	1	Side Profile – CS (L=450mm)
13	Z32637	1	Side Profile – DS (L=450mm)
14	Z32902	1	Side Profile cpl., CS (L=1575mm)
	Z32904	1	Side Profile cpl., DS (L=1575mm)
15	Z32906	1	Side Profile cpl., CS (L=1975mm)
	Z32908	1	Side Profile cpl., DS (L=1975mm)
16	Z32910	1	Side Profile cpl., CS (L=2100mm)
	Z32912	1	Side Profile cpl., DS (L=2100mm)
17	Z32914	1	Side Profile cpl., CS (L=2375mm)
	Z32916	1	Side Profile cpl., DS (L=2375mm)
18	Z32918	1	Side Profile cpl., CS (L=2575mm)
	Z32920	1	Side Profile cpl., DS (L=2575mm)
19	Z32922	1	Side Profile cpl., CS (L=2600mm)
	Z32924	1	Side Profile cpl., DS (L=2600mm)
21	Z63696	2	Support Wheel Complete (Includes Items 5 thru 8)
22	Z21647	6	Screw MF6S M12x40

GEN 3 BZ CART STOP (ALUMINUM PLATFORMS)
(All Years)



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TRUCK EQUIPMENT CO.
BZ-33, 44, 55

REVISED: 5-9-05
E.O. 5537
REV. 01

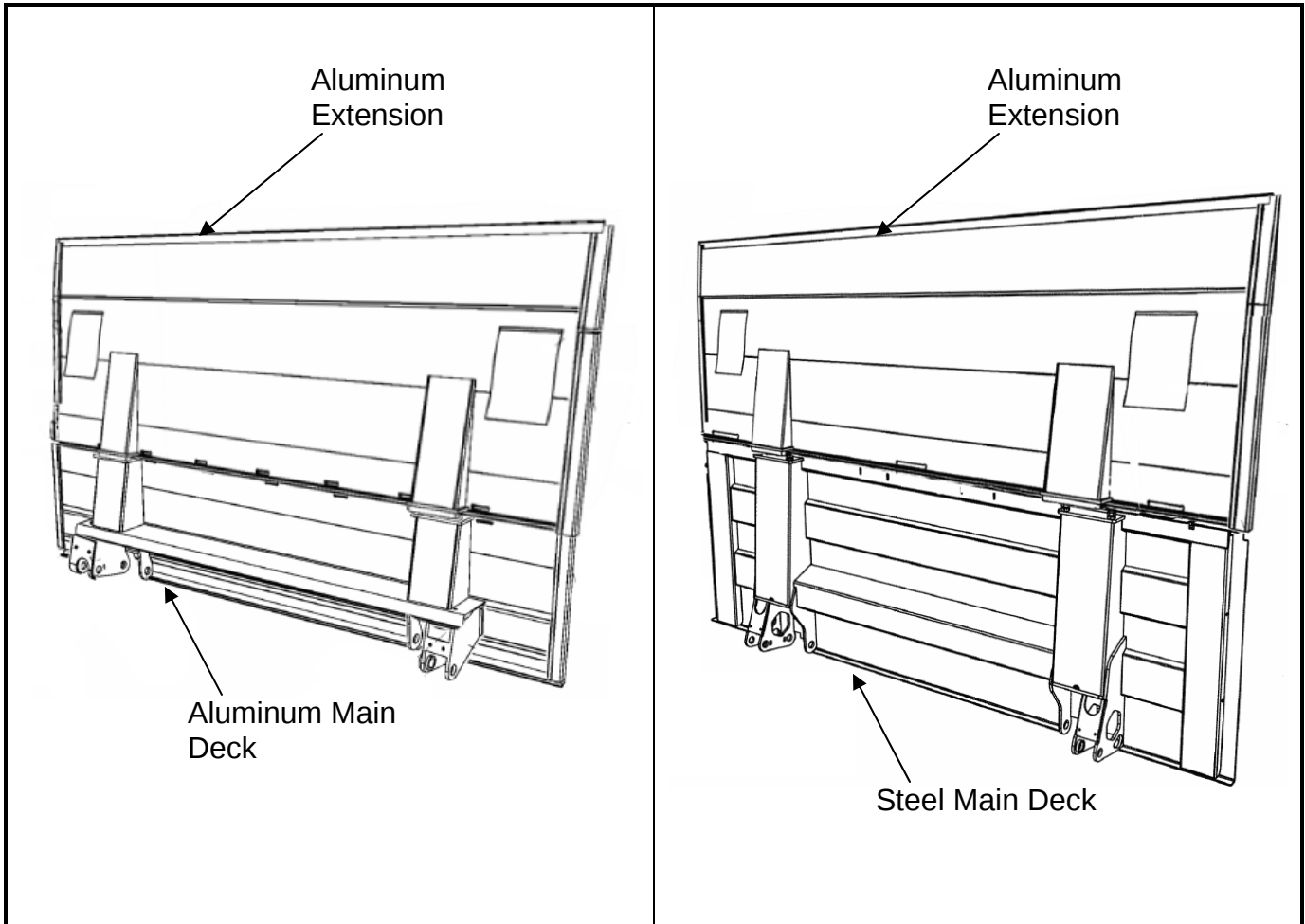
PM-684

ITEM	PART NUMBER	QTY	DESCRIPTION
1	Z32702	2	Flipper plate, 31-1/2"
1	Z32703	2	Flipper plate, 35-1/2"
2	Z32706	1	Cover plate, middle, 7-7/8"
2	Z32707	1	Cover plate, middle, 11-7/8"
3	Z32704	1	Cover plate, right side
3	Z32705	1	Cover plate, left side
4	Z32711	2	Spring
5	Z32708	4	Spring
6	Z32709	8	Screw
7	Z32710	4	Washer
8	Z32712	1	Activation lever

LEVEL LIFT PLATFORM ASSEMBLY – Generation 3 - WZ Series

(Built after 9-04 - See note below)

Note: For assistance on how to tell which Generation (1, 2, or 3) Level Lift you have, refer to the diagrams on these pages and the [Liftgate Terminology](#) section at the beginning of this document.



Common Features

- * Capacity decal: 4400, 5500 pounds
- * Size: 72" and 79" deep x 96" wide
- * 2 piece Folding Platform
- * Steel and Aluminum Main Deck
- * Aluminum Deck Extension
- * No Latch handle (Liftgate locks hydraulically)
- * Warning/Marker Lights on Platform
- * Foot Activated Carts Stops

WZ-44/55

Steel Main Deck with Aluminum Deck Extension

PM-811

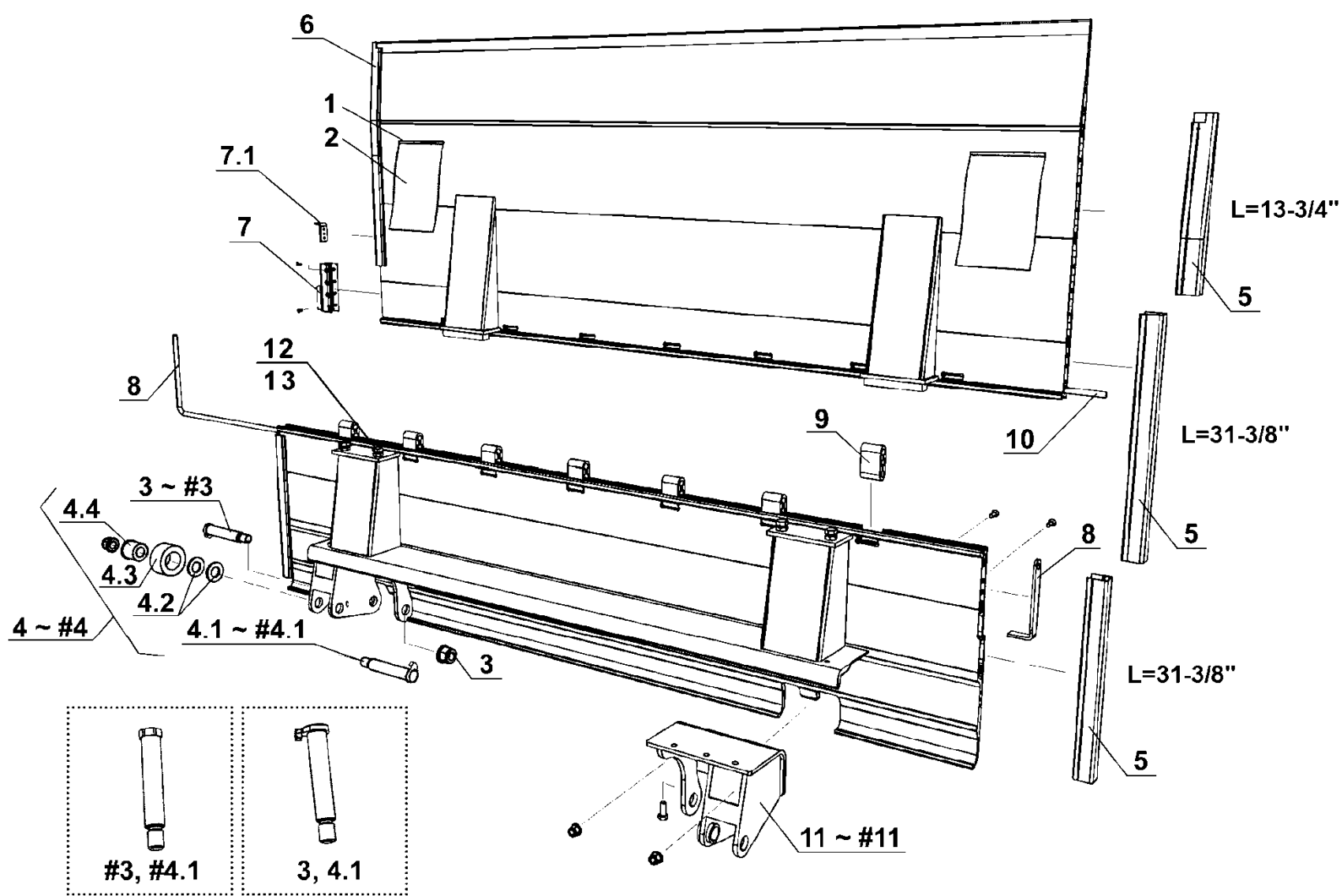
All Aluminum Platform

PM-698

80101076 Rev. 04 8-09

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

GEN 3 WZ, ALUMINUM PLATFORM
 (All Years)



WALTCO LIFT CORP.
 WZ-44/55

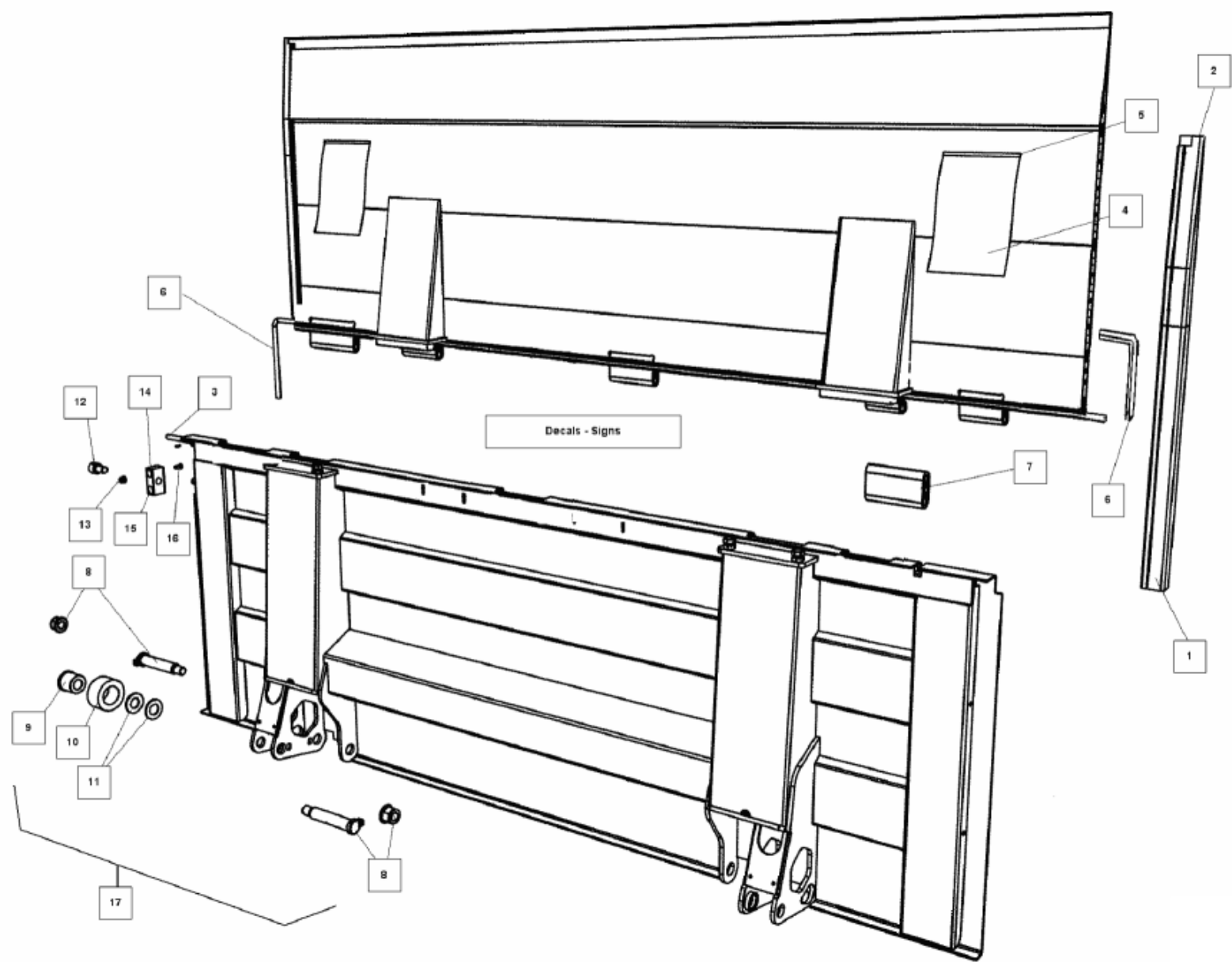
REVISED: 5-1-06
 E.O. 5710
 REV. 01

PM-698

ITEM	PART NUMBER	QTY	DESCRIPTION
1	Z20273	2	Fastening profile for Warning Flag
2	75089905	2	Warning Flag
3	Z32785	2	Pivot bolt assembly.
4	Z53696	2	Support wheel assembly.
4.1	Z32785	1	Pivot bolt assembly. Ø1-¼ x L=6-15/16
4.2	Z21674	2	Washer
4.3	Z50755	1	Support wheel
4.4	Z51564	1	Spacing Sleeve
5	Z32853	1	Side profile, curb side
6	Z32855	1	Side profile, driver side
7	Z32857	1	Torsion Spring Bracket
7.1	Z32858	1	Lever arm
8	Z32778	1	Torsion Spring assembly.
9	Z32859	7	Hinge 2" long
10	Z32948	1	Axle, 9/16 OD, L=102"
11	Z53663	1	Bracket, driver side
11	Z53662	1	Bracket, curb side
12	Z32110	1	Screw M16
13	Z32111	1	Nut M16
#3	Z32343	2	Pivot bolt assembly
#4	Z51563	2	Support wheel assembly
#4.1	Z32343	1	Pivot bolt assembly
#4.2	Z21674	2	Washer
#4.3	Z50755	1	Support wheel
#4.4	Z51564	1	Spacing sleeve
#11	Z52547	1	Bracket, driver side
#11	Z52546	1	Bracket, curb side

Parts marked with # are for old style platforms. Manufactured before 3/2006

GEN 3 WZ PLATFORM ASSEMBLY – Steel Deck w/ Aluminum Extension
 (All Years)



WALTCO LIFT CORP.
 WZ-44/55

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

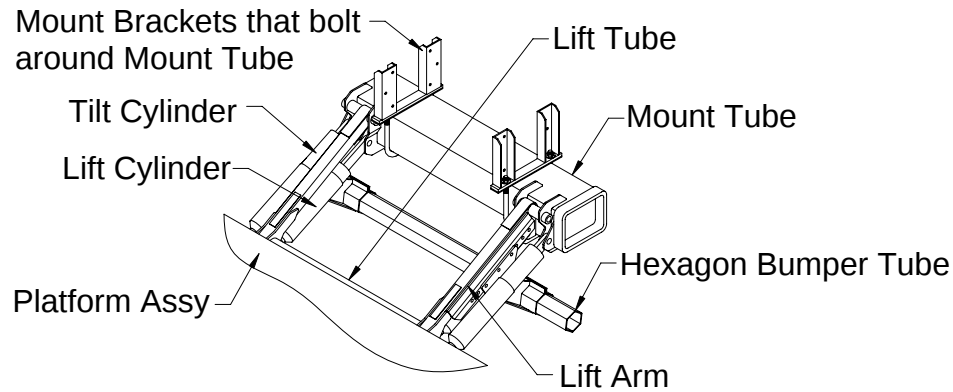
PM-811

ITEM	PART NUMBER	QTY	DESCRIPTION
1	Z32941	1	Side Profile (L=490mm)
	Z32943	1	Side Profile (L=890mm)
	Z32945	1	Side Profile (L=1310mm)
2	Z32636	1	Side Profile Right (L=450mm)
	Z32637	1	Side Profile Left (L=450mm)
3	Z33049	1	Axle (D=16mm L=3000mm)
4	75089905	2	Corner Flag
5	Z20273	2	Profile for Corner Flag
6	Z33055	1	Torsion Spring Complete
7	Z33056	5	Hinge (L=130mm)
8	Z32785	4	Pivot Bolt (D=30mm L=176mm)
9	Z51564	2	Spacing Sleeve
10	Z50755	2	Support Wheel
11	Z21674	4	Washer
12	Z52632	2	Spring Bracket
13	Z22250	2	Grooved Ring SGA 20
14	Z52631	2	Fixing Block
15	Z21025	2	Nut M8
16	Z22251	2	Screw M8 x 40mm
17	Z53696	1	Support Wheel Complete

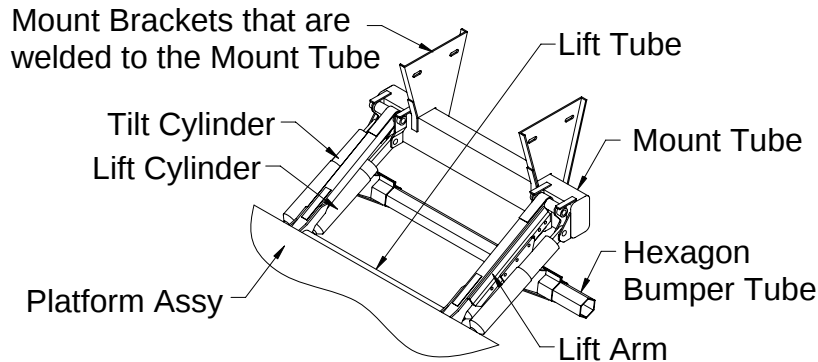
LEVEL LIFT MOUNT ASSEMBLIES – Generation 1 RZ & BZ Series

(Prior to 3-31-04 - See note below)

Note: For assistance on how to tell which Generation (1, 2, or 3) Level Lift you have, refer to the diagrams on these pages and the [Liftgate Terminology](#) section at the beginning of this document.



BZ-15 BZ-20



RZ-10 RZ-20

Common Features

- Tilt and lift cylinders with bearings (Shaft Ends are Cast Steel or Solid Steel Bar)
- Enclosed pump unit
- Hexagon underide
- Pivot bolt and nut at all pivot points

	RZ-10 PM-252	BZ-15 PM-246	BZ-20 PM-250 (Built thru 3-00) PM-250A (Built from 3-00)	RZ-20 PM-251 (Built thru 3-00) PM-251A (Built from 3-00)
Cylinder	2 tilt / 1 lift	2 tilt / 2 lift	2 tilt / 2 lift	2 tilt / 2 lift
Pump Unit	Remote	Mount tube	Mount tube	Remote

80101075 Rev. 04 8-09

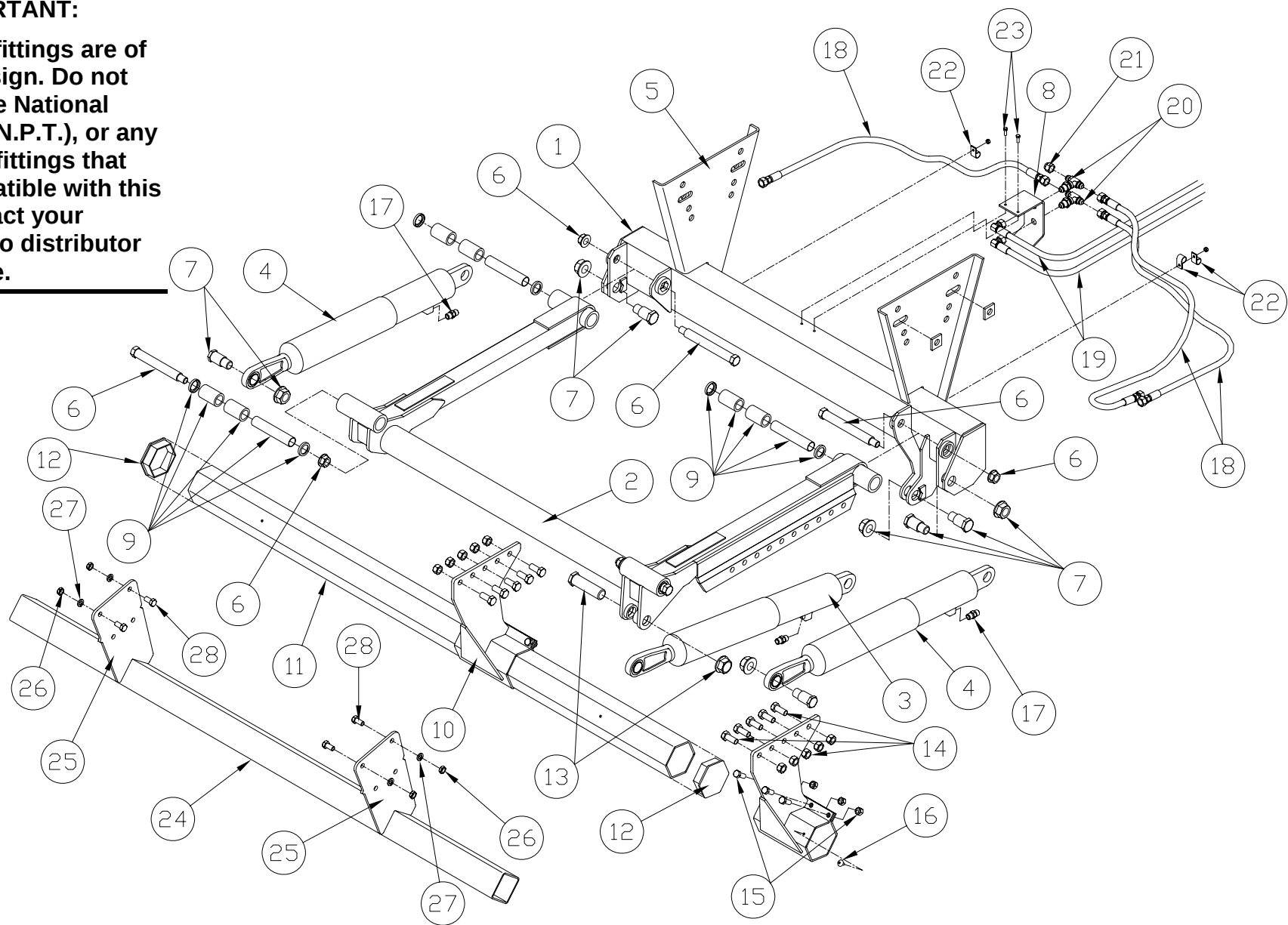
♦ Bolts, nuts, and hose fittings are of metric design.

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

GEN 1 RZ-10 LIFTGATE ASSEMBLY
(All Years)

IMPORTANT:

All hydraulic fittings are of European design. Do not attempt to use National Pipe Thread (N.P.T.), or any other type of fittings that are not compatible with this liftgate. Contact your nearest Waltco distributor for assistance.



WALTCO
TRUCK EQUIPMENT CO.
RZ-10-135

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E.O. 6251
REV. 11

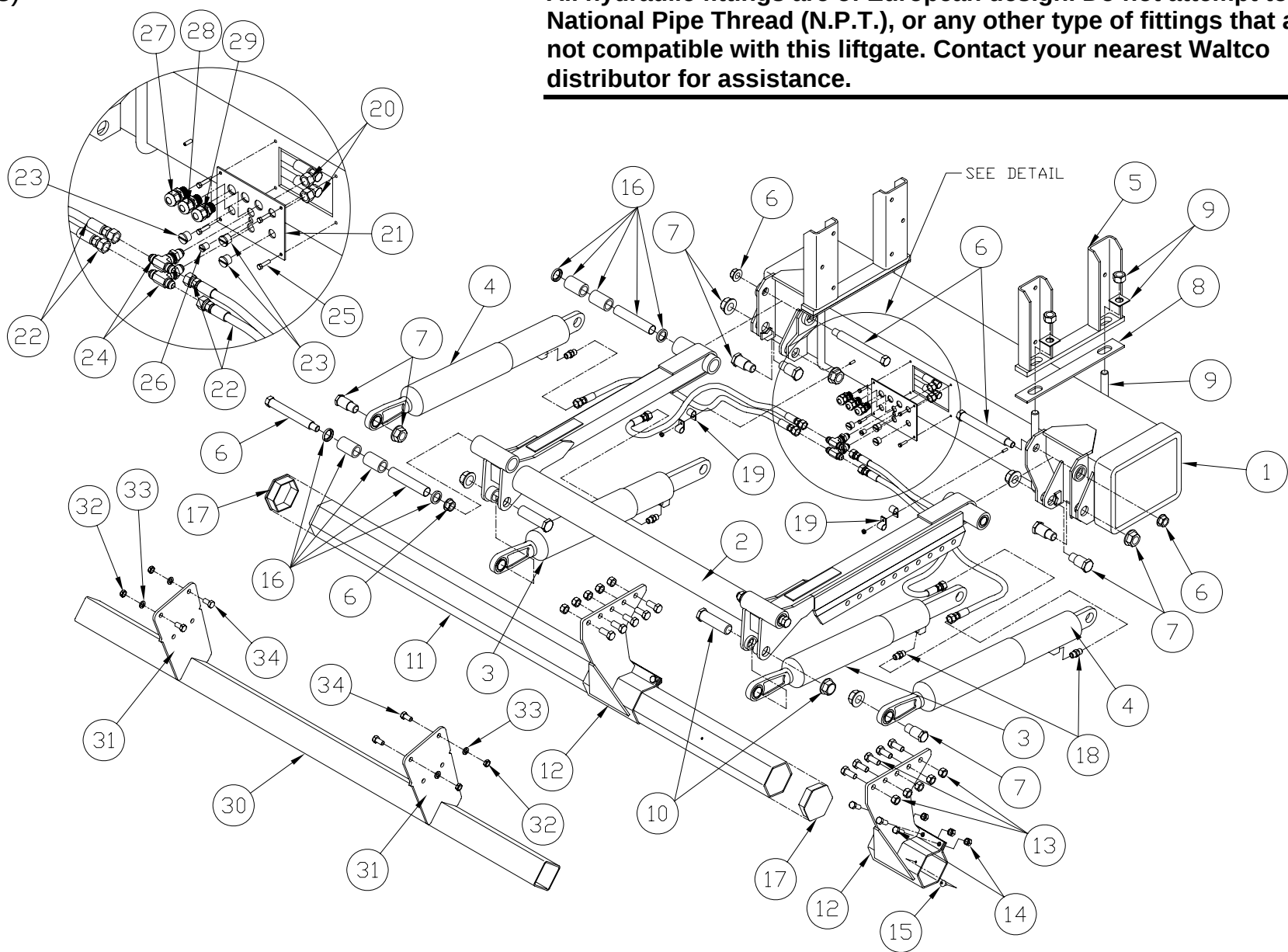
PM-252

ITEM	PART NUMBER	QTY	DESCRIPTION
1	14220001	1	Mount Tube Assembly, RZ-10
2	14230001	1	Lift Arm Assembly
3	14280050	1	Lift Cylinder
4	14280090	2	Tilt Cylinder
5	14270101	1	Mount Bracket (set of two)
6	75089907 ^B	4	Upper & Lower Pivot Bolt & Nut for Lift Arms
7	75089909 ^A	5	Upper & Lower Pivot Bolt & Nut for Tilt Cylinder; Lower Pivot Bolt & Nut for Lift Cylinder
8	75089917	1	Hose Bracket
9	Z31100 ^B	4	Upper & Lower Bearing & Seals
10	14297001	2	Bumper Bracket w/ Bolts
11	14297401	1	Hex Bumper Tube
12	75089990	2	Cap for Bumper Tube
13	75090012 ^A	1	Upper Pivot Bolt & Nut for Lift Cylinder
14	Z31102	10	Bumper Bracket Bolt & Nut
15	75089988	6	Bumper Bracket Bolt & Nut
16	75089987	1	Rivet
17	Z31132	3	Velocity Fuse Valve
18	75089893	3	Hydraulic Hose Assembly (Cylinder)
19	75089892	2	Hydraulic Hose Assembly (Pump)
20	75089916	2	Bulkhead Tee w/ Nut
21	75090063	1	Hydraulic Cap Plug
22	75090024	3	Hose Clamp
23	75098347	2	Hose Bracket Mounting Screws
24	22593001	1	Under Ride Tube (Optional)
25	14392200	2	Under Ride Bumper Mount Plate (Optional)
26	75084061	4	5/8"-11 Gr. 5 Jam Nut (For Optional Under Ride Bumper)
27	75088085	4	5/8" Lock Washer
28	75086152	4	5/8"-11 x 1-1/4" Lg. Gr. 5 Hex Bolt (For Optional Under Ride Bumper)

^A Included in Bolt and Nut Replacement Kit 80000908.

^B Included in Bolt and Bearing Replacement Kit 80000910.

GEN 1 BZ-15 LIFTGATE ASSEMBLY
(All Years)



IMPORTANT:

All hydraulic fittings are of European design. Do not attempt to use National Pipe Thread (N.P.T.), or any other type of fittings that are not compatible with this liftgate. Contact your nearest Waltco distributor for assistance.

WALTCO
TRUCK EQUIPMENT CO.
BZ-15-149

REVISED: 8-1-09
E.O. 6251
REV. 11

PM-246

ITEM	PART NUMBER	QTY	DESCRIPTION
1	14320001	1	Mount Tube Assembly, BZ-15
2	14330001	1	Lift Arm Assembly w/ Bearings
3	14380050	2	Lift Cylinder
4	14380090	2	Tilt Cylinder
5	14370101	2	Mounting Bracket
6	75089907 ^B	4	Upper & Lower Pivot Bolt & Nut for Lift Arms
7	75089909 ^A	6	Upper & Lower Pivot Bolt & Nut for Tilt Cylinder; Lower Pivot Bolt & Nut for Lift Cylinder
8	75089914	2	Mount Bracket Spacer
9	75089999	2	Mount Bracket U-Bolt w/ Nuts and Washers
10	75090012 ^A	2	Upper Pivot Bolt & Nut for Lift Cylinder
11	14297401	1	Hex Bumper Tube
12	Z31104	2	Bumper Bracket w/ Bolts
13	Z31102	10	Bumper Bracket Bolt & Nut
14	75089988	6	Bumper Bracket Bolt & Nut
15	75089987	1	Rivet
16	Z31100	4	Upper & Lower Bearing & Seals
17	75089990	2	Cap for Bumper Tube
18	Z31132	4	Velocity Fuse Valve
19	75090024	4	Hose Clamp
20	75089889	2	Hydraulic Hose Assembly (Pump)
21	Z67006	1	Hose Adapter Plate
22	75098344	4	Hydraulic Hose Assembly (Cylinder)
23	75098343	3	Plug
24	75089916	2	Bulkhead Tee w/ Nut
25	75098347	4	Adapter Plate Mounting Screw
26	75098346	1	Plug
27	75098345	1	Strain Relief (Ground Cable)
28	75098335	1	Strain Relief (Battery Cable)
29	75098345	1	Strain Relief (Control Wires)
30	22593001	1	Under Ride Tube (Optional)
31	14392200	2	Under Ride Bumper Mount Plate (Optional)
32	75084061	4	5/8"-11 Gr. 5 Jam Nut (For Optional Under Ride Bumper)
33	75088085	4	5/8" Lock Washer
34	75086152	4	5/8"-11 x 1-1/4" Lg. Gr. 5 Hex Bolt (For

ITEM	PART NUMBER	QTY	DESCRIPTION
			Optional Under Ride Bumper)

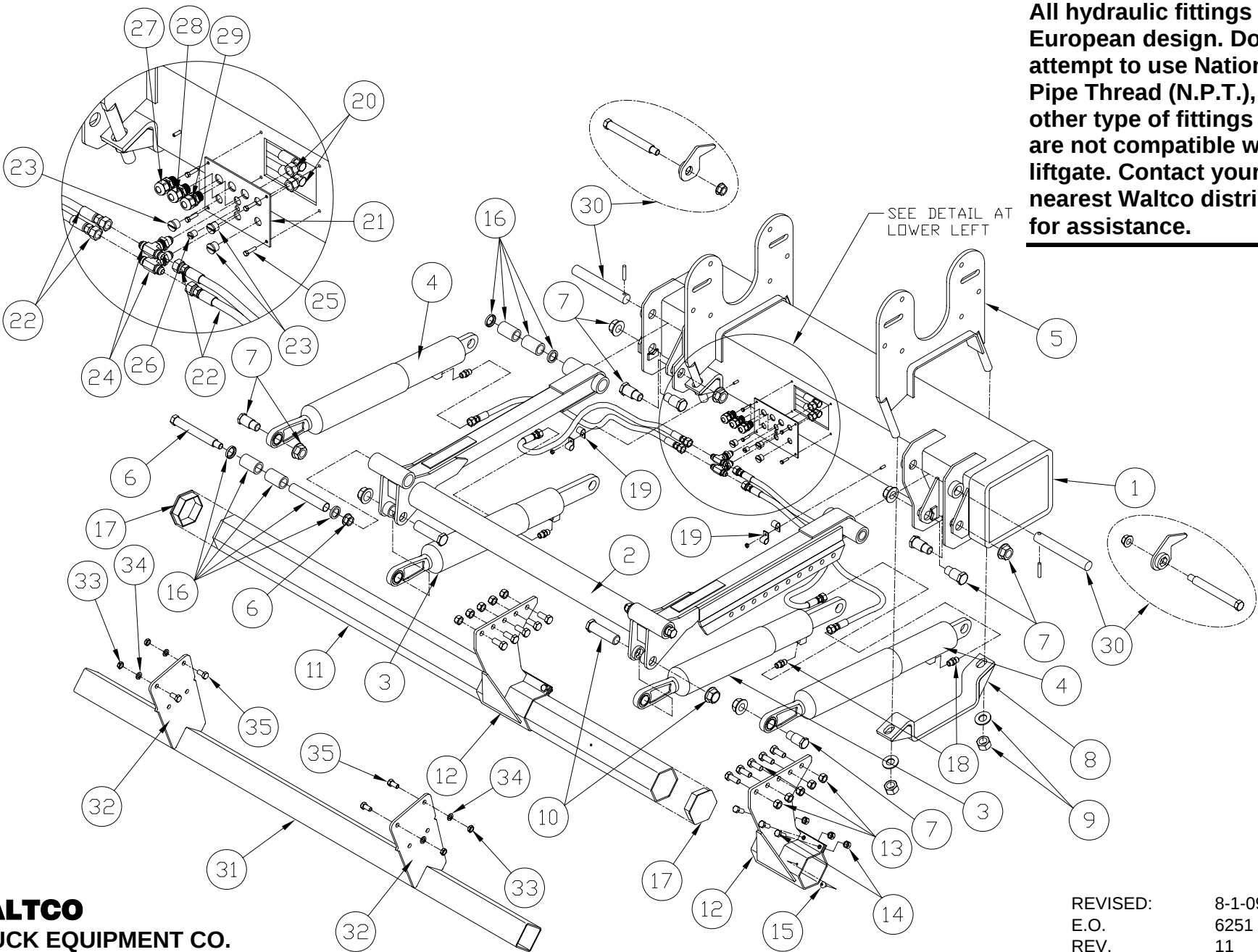
NOTES:

^A Included in Bolt & Nut Replacement Kit 80000909

^B Included in Bolt and Bearing Replacement Kit 80000910

GEN 1 BZ-20 LIFTGATE ASSEMBLY
 (Built thru 12-99)

IMPORTANT:
 All hydraulic fittings are of European design. Do not attempt to use National Pipe Thread (N.P.T.), or any other type of fittings that are not compatible with this liftgate. Contact your nearest Waltco distributor for assistance.



WALTCO
 TRUCK EQUIPMENT CO.
 BZ-20-152

REVISED: 8-1-09
 E.O. 6251
 REV. 11

PM-250

ITEM	PART NUMBER	QTY	DESCRIPTION
1	14520001	1	Mount Tube Assembly, BZ-20
2	14330001	1	Lift Arm Assembly w/ Bearings
3	14480050	2	Lift Cylinder
4	14480090	2	Tilt Cylinder
5	14570102	2	Mounting Bracket
6	75089907	2	Upper Pivot Bolt & Nut for Lift Arms
7	75089909 ^A	6	Upper & Lower Pivot Bolt & Nut for Tilt Cylinder; Lower Pivot Bolt & Nut for Lift Cylinder
8	14570202	2	U-Clamp (for Mounting Bracket)
9	75089899	4	Mounting Bracket Nuts
10	75090012 ^A	2	Upper Pivot Bolt & Nut for Lift Cylinder
11	14297401	1	Hex Bumper Tube
12	Z31104	2	Bumper Bracket w/ Bolts
13	Z31102	10	Bumper Bracket Bolt & Nut
14	75089988	6	Bumper Bracket Bolt & Nut
15	75089987	1	Rivet
16	Z31100	4	Upper & Lower Bearing & Seals
17	75089990	2	Cap for Bumper Tube
18	Z31132	4	Velocity Fuse Valve
19	75090024	4	Hose Clamp
20	75089889	2	Hydraulic Hose Assembly (Pump)
21	Z67006	1	Hose Adapter Plate
22	75098344	4	Hydraulic Hose Assembly (Cylinder)
23	75098343	3	Plug
24	75089916	2	Bulkhead Tee w/ Nut
25	75098347	4	Adapter Plate Mounting Screw
26	75098346	1	Plug
27	75098345	1	Strain Relief (Ground Cable)
28	75098335	1	Strain Relief (Battery Cable)
29	75098345	1	Strain Relief (Control Wires)
30	75089940 ^B	2	Lower Pivot Bolt Kit for Lift Arms (Includes 2 Pivot Bolts and Nuts)
31	22593001	1	Under Ride Tube (Optional)
32	14392200	2	Under Ride Bumper Mount Plate (Optional)
33	75084061	4	5/8"-11 Gr. 5 Jam Nut (For Optional Under Ride Bumper)
34	75088085	4	5/8" Lock Washer
35	75086152	4	5/8"-11 x 1-1/4" Lg. Gr. 5 Hex Bolt (For

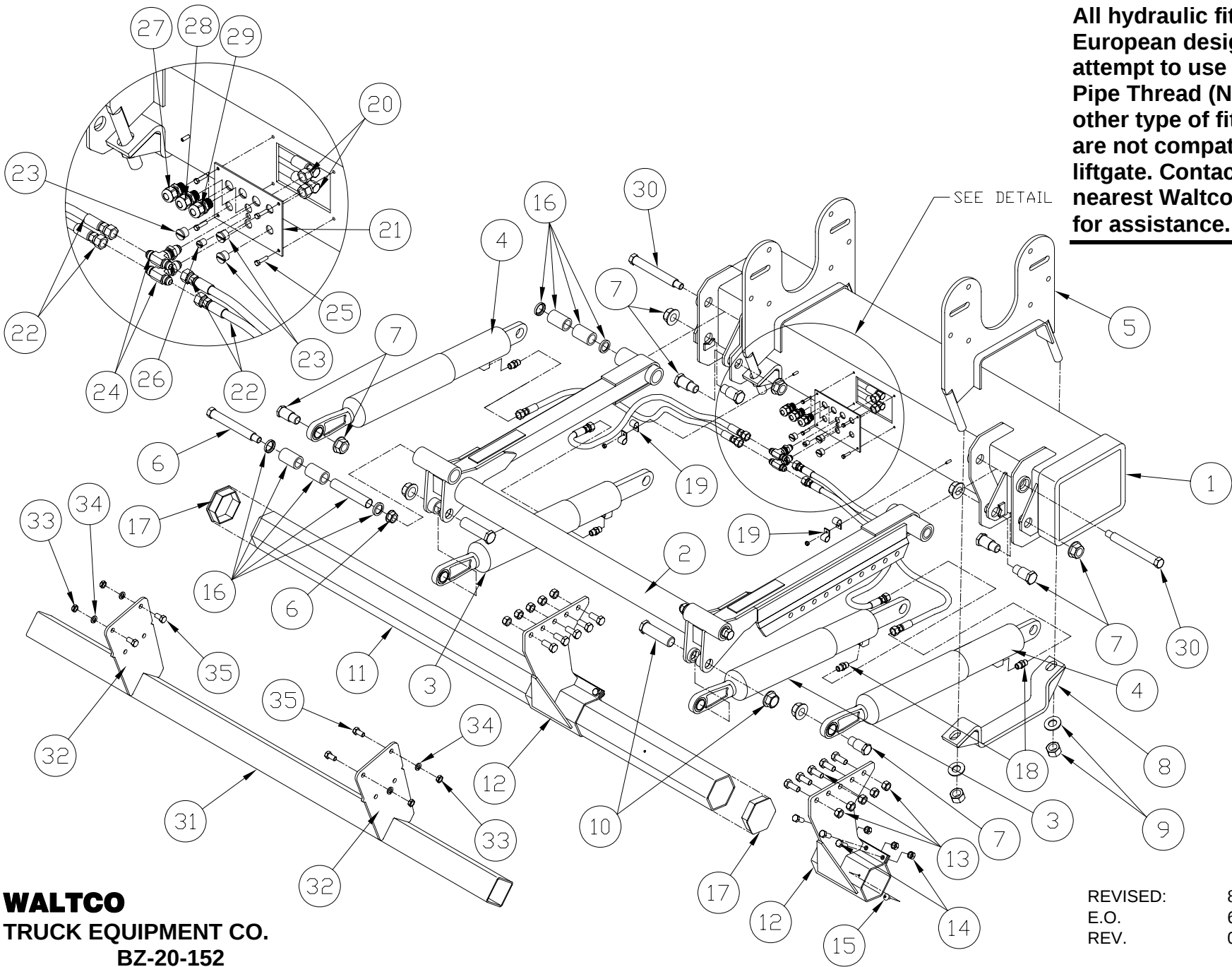
ITEM	PART NUMBER	QTY	DESCRIPTION
			Optional Under Ride Bumper)

NOTES:
^A Included in Bolt & Nut Replacement Kit 80000909
^B This Bolt & Nut Kit replace the original Pivot Pin & Coil Pin

GEN 1 BZ-20 LIFTGATE ASSEMBLY
 (Built from 12-99)

IMPORTANT:

All hydraulic fittings are of European design. Do not attempt to use National Pipe Thread (N.P.T.), or any other type of fittings that are not compatible with this liftgate. Contact your nearest Waltco distributor for assistance.



WALTCO
 TRUCK EQUIPMENT CO.
 BZ-20-152

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 E.O. 6251
 REV. 02

PM-250A

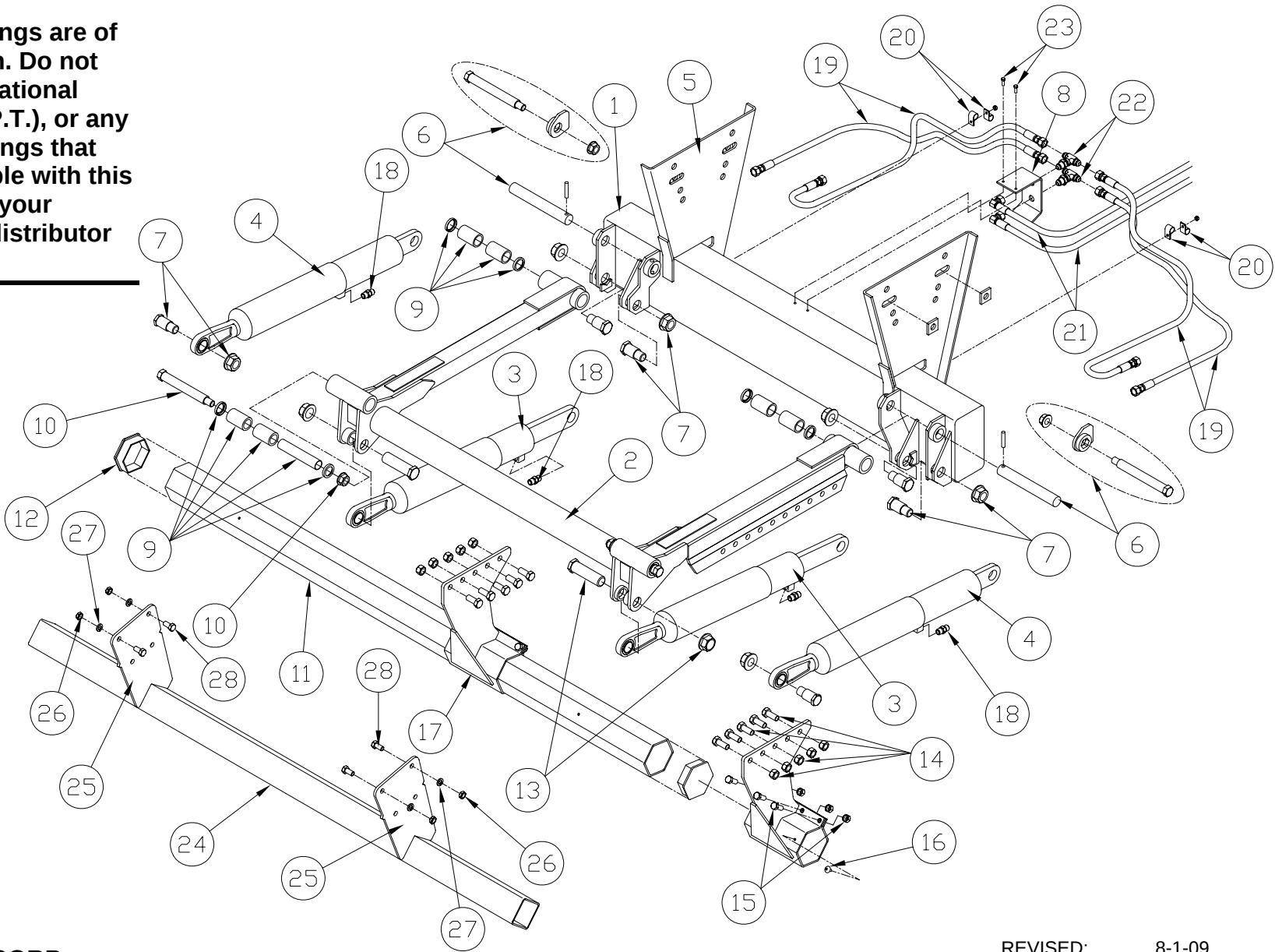
ITEM	PART NUMBER	QTY	DESCRIPTION
1	14520001	1	Mount Tube Assembly, BZ-20
2	14330001	1	Lift Arm Assembly w/ Bearings
3	14480050	2	Lift Cylinder
4	14480090	2	Tilt Cylinder
5	14570102	2	Mounting Bracket
6	75089907	2	Upper Pivot Bolt & Nut for Lift Arms
7	75089909 ^A	6	Upper & Lower Pivot Bolt & Nut for Tilt Cylinder; Lower Pivot Bolt & Nut for Lift Cylinder
8	14570202	2	U-Clamp (for Mounting Bracket)
9	75089899	4	Mounting Bracket Nuts
10	75090012 ^A	2	Upper Pivot Bolt & Nut for Lift Cylinder
11	14297401	1	Hex Bumper Tube
12	Z31104	2	Bumper Bracket w/ Bolts
13	Z31102	10	Bumper Bracket Bolt & Nut
14	75089988	6	Bumper Bracket Bolt & Nut
15	75089987	1	Rivet
16	Z31100	4	Upper & Lower Bearing & Seals
17	75089990	2	Cap for Bumper Tube
18	Z31132	4	Velocity Fuse Valve
19	75090024	4	Hose Clamp
20	75089889	2	Hydraulic Hose Assembly (Pump)
21	Z67006	1	Hose Adapter Plate
22	75098344	4	Hydraulic Hose Assembly (Cylinder)
23	75098343	3	Plug
24	75089916	2	Bulkhead Tee w/ Nut
25	75098347	4	Adapter Plate Mounting Screw
26	75098346	1	Plug
27	75098345	1	Strain Relief (Ground Cable)
28	75098335	1	Strain Relief (Battery Cable)
29	75098345	1	Strain Relief (Control Wires)
30	75089941	2	Lower Pivot Bolt & Nut for Lift Arm
31	22593001	1	Under Ride Tube (Optional)
32	14392200	2	Under Ride Bumper Mount Plate (Optional)
33	75084061	4	5/8"-11 Gr. 5 Jam Nut (For Optional Under Ride Bumper)
34	75088085	4	5/8" Lock Washer
35	75086152	4	5/8"-11 x 1-1/4" Lg. Gr. 5 Hex Bolt (For Optional Under Ride Bumper)

NOTES:

^A Included in Bolt & Nut Replacement Kit 80000909

GEN 1 RZ-20 LIFTGATE ASSEMBLY
 (Built thru 12-99)

IMPORTANT:
 All hydraulic fittings are of European design. Do not attempt to use National Pipe Thread (N.P.T.), or any other type of fittings that are not compatible with this liftgate. Contact your nearest Waltco distributor for assistance.



WALTCO LIFT CORP.
RZ-20-152

REVISED: 8-1-09
 E.O. 6251
 REV. 11

PM-251

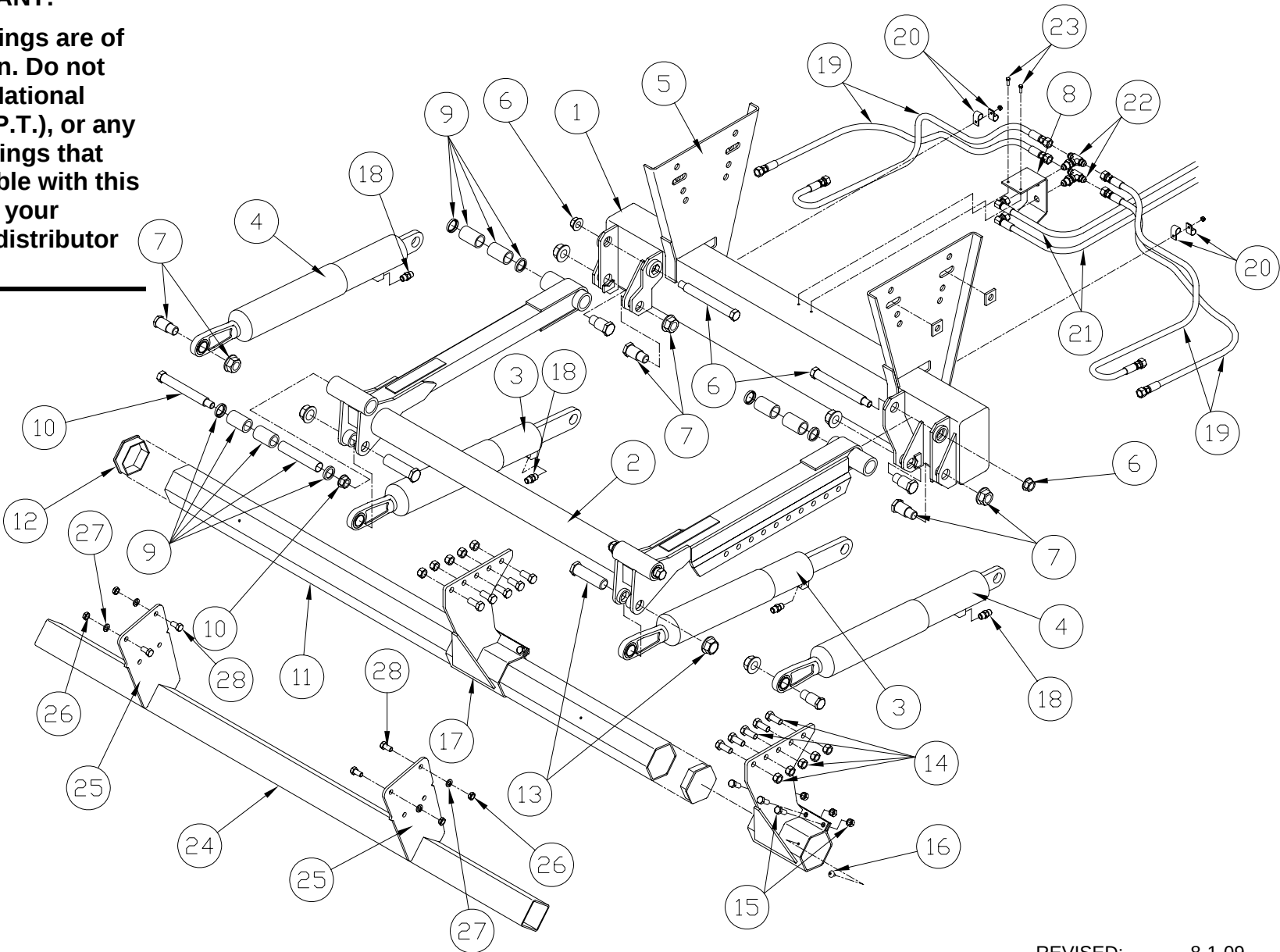
ITEM	PART NUMBER	QTY	DESCRIPTION
1	14420001	1	Mount Tube Assembly, RZ-20
2	14330001	1	Lift Arm Assembly w/ Bearings
3	14480050	2	Lift Cylinder
4	14480090	2	Tilt Cylinder
5	14470101	1	Mount Bracket (set of two)
6	75089940 ^C	1	Lower Pivot Bolt Kit for Lift Arms (Includes 2 Pivot Bolts and Nuts)
7	75089909 ^A	6	Upper & Lower Pivot Bolt & Nut for Tilt Cylinder; Lower Pivot Bolt & Nut for Lift Cylinder
8	75089917	1	Hose Bracket
9	Z31100	4	Upper & Lower Bearing & Seals
10	75089907	2	Upper Pivot Bolt & Nut for Lift Arms
11	14297401	1	Hex Bumper Tube
12	75089990	2	Cap for Bumper Tube
13	75090012 ^A	2	Upper Pivot Bolt & Nut for Lift Cylinder
14	Z31102	10	Bumper Bracket Bolt & Nut
15	75089988	6	Bumper Bracket Bolt & Nut
16	75089987	1	Rivet
17	Z31104	2	Bumper Bracket w/ Bolts
18	Z31132	4	Velocity Fuse Valve
19	75089893	4	Hydraulic Hose Assembly (Cylinder)
20	75090024	4	Hose Clamp
21	75089892	2	Hydraulic Hose Assembly (Pump)
22	75089916	2	Bulkhead Tee w/ Nut
23	75098347	2	Hose Bracket mounting Screws
24	22593001	1	Under Ride Tube (Optional)
25	14392200	2	Under Ride Bumper Mount Plate (Optional)
26	75084061	4	5/8"-11 Gr. 5 Jam Nut (For Optional Under Ride Bumper)
27	75088085	4	5/8" Lock Washer
28	75086152	4	5/8"-11 x 1-1/4" Lg. Gr. 5 Hex Bolt (For Optional Under Ride Bumper)

NOTES:
^A Included in Bolt & Nut Replacement Kit 80000909
^C This Bolt & Nut Kit replaces the original Pivot Pin & Coil Pin

GEN 1 RZ-20 LIFTGATE ASSEMBLY
 (Built from 12-99)

IMPORTANT:

All hydraulic fittings are of European design. Do not attempt to use National Pipe Thread (N.P.T.), or any other type of fittings that are not compatible with this liftgate. Contact your nearest Waltco distributor for assistance.



WALTCO LIFT CORP.
RZ-10-152

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

PM-251A

ITEM	PART NUMBER	QTY	DESCRIPTION
1	14420001	1	Mount Tube Assembly, RZ-20
2	14330001	1	Lift Arm Assembly w/ Bearings
3	14480050	2	Lift Cylinder
4	14480090	2	Tilt Cylinder
5	14470101	1	Mount Bracket (set of two)
6	75089941	2	Lower Pivot Bolt & Nut for Lift Arm
7	75089909 ^A	6	Upper & Lower Pivot Bolt & Nut for Tilt Cylinder; Lower Pivot Bolt & Nut for Lift Cylinder
8	75089917	1	Hose Bracket
9	Z31100	4	Upper & Lower Bearing & Seals
10	75089907	2	Upper Pivot Bolt & Nut for Lift Arms
11	14297401	1	Hex Bumper Tube
12	75089990	2	Cap for Bumper Tube
13	75090012 ^A	2	Upper Pivot Bolt & Nut for Lift Cylinder
14	Z31102	10	Bumper Bracket Bolt & Nut
15	75089988	6	Bumper Bracket Bolt & Nut
16	75089987	1	Rivet
17	Z31104	2	Bumper Bracket w/ Bolts
18	Z31132	4	Velocity Fuse Valve
19	75089893	4	Hydraulic Hose Assembly (Cylinder)
20	75090024	4	Hose Clamp
21	75089892	2	Hydraulic Hose Assembly (Pump)
22	75089916	2	Bulkhead Tee w/ Nut
23	75098347	2	Hose Bracket mounting Screws
24	22593001	1	Under Ride Tube (Optional)
25	14392200	2	Under Ride Bumper Mount Plate (Optional)
26	75084061	4	5/8"-11 Gr. 5 Jam Nut (For Optional Under Ride Bumper)
27	75088085	4	5/8" Lock Washer
28	75086152	4	5/8"-11 x 1-1/4" Lg. Gr. 5 Hex Bolt (For Optional Under Ride Bumper)

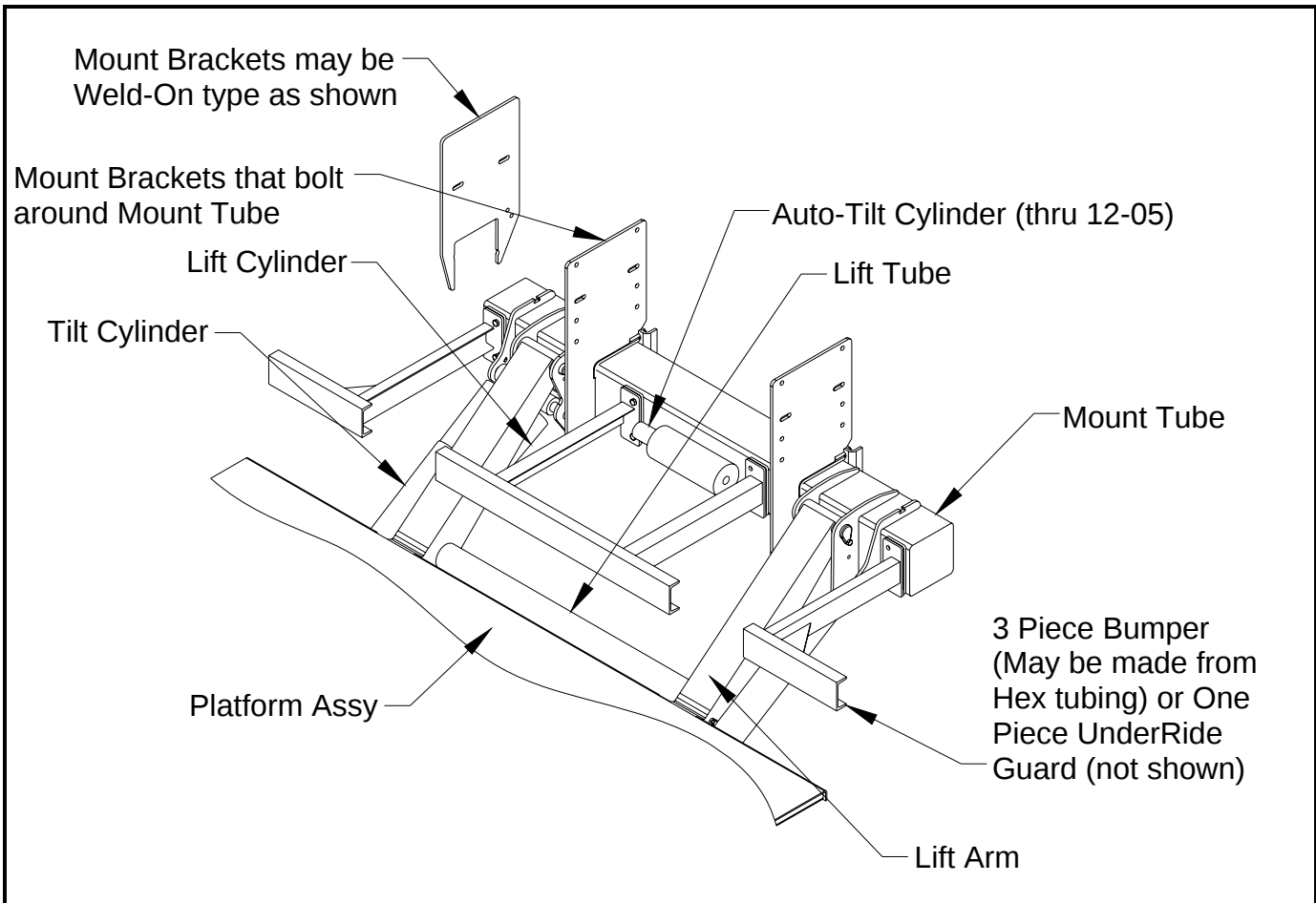
NOTES:

^A Included in Bolt & Nut Replacement Kit 80000909

LEVEL LIFT MOUNT ASSEMBLIES – Generation 2 BZ Series

(Built 11-02 thru 9-04 - See note below)

Note: For assistance on how to tell which Generation (1, 2, or 3) Level Lift you have, refer to the diagrams on these pages and the [Liftgate Terminology](#) section at the beginning of this document.



BZ-22, BZ-33, BZ-44

Common Features

- Tilt and lift cylinders with bearings (Shaft Ends Steel Pipe)
- Enclosed pump unit
- Three Piece Bumper or
- Square Tube underride
- Pivot bolt and nut at all pivot points

	BZ-22, BZ-33, BZ-44 PM-586
Cylinder	2 Tilt / 2 Lift / 1 Autotilt (thru 12-05) 2 Tilt / 2 Lift (after 12-05)
Pump Unit	Mount Tube

80101075 Rev. 04 8-09

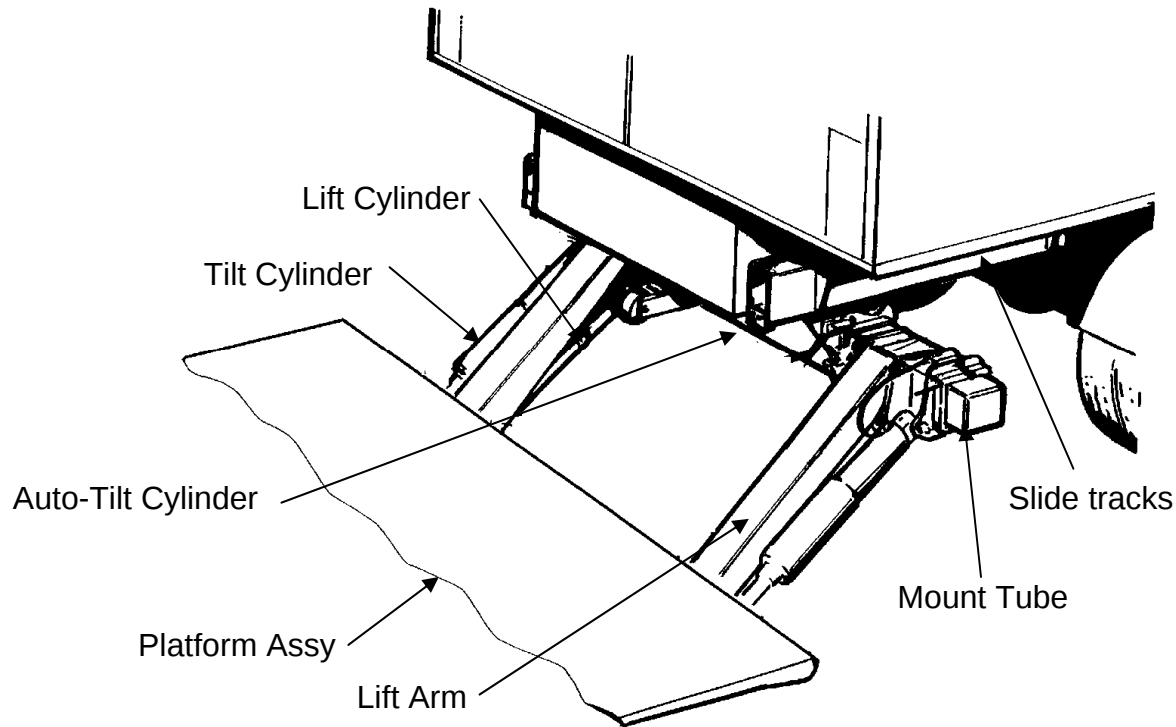
- ♦ Bolts, nuts, and hose fittings are of metric design.

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

LEVEL LIFT MOUNT ASSEMBLIES – Generation 2 WZ Series

(Built 5-00 thru 9-04 - See note below)

Note: For assistance on how to tell which Generation (2 or 3) WZ you have, refer to the diagrams on these pages and the [Liftgate Terminology](#) section at the beginning of this document.



WZ-44

Common Features

- Tilt and lift cylinders with bearings (Shaft Ends Steel Pipe)
- Enclosed pump unit
- Folding Aluminum Platform
- Pivot bolt and nut at all pivot points
- Liftgate Slides in/out in Tarcks for Storage and Use

Liftgate Assembly

WZ-44

PM-599

Slide System

WZ-44

PM-606

Cylinder

2 Tilt / 2 Lift / 1 Autotilt

Pump Unit

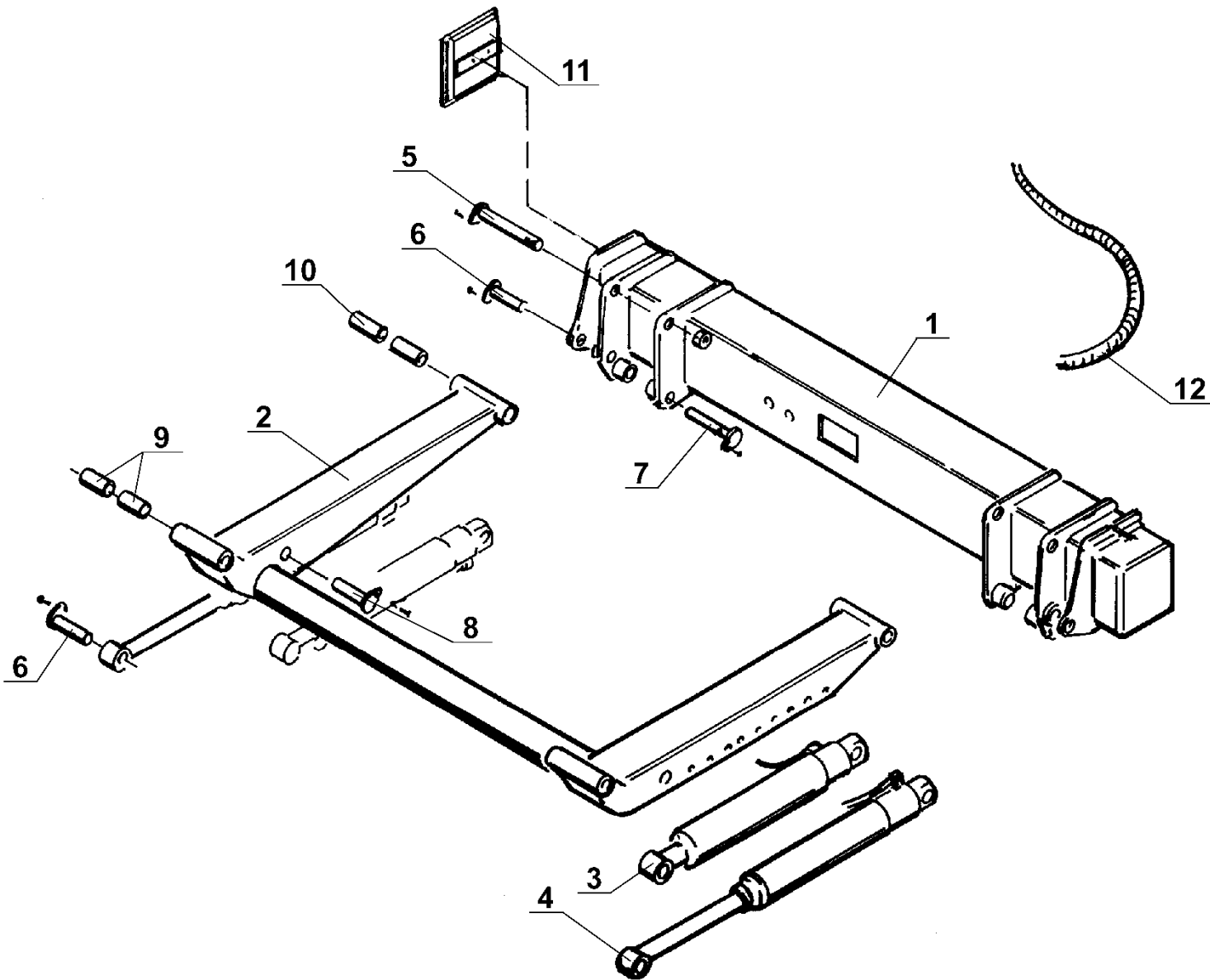
Mount Tube

80101075 Rev. 04 8-09

- ♦ Bolts, nuts, and hose fittings are of metric design.

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

GEN 2 WZ LIFTGATE ASSEMBLY
(All Years)



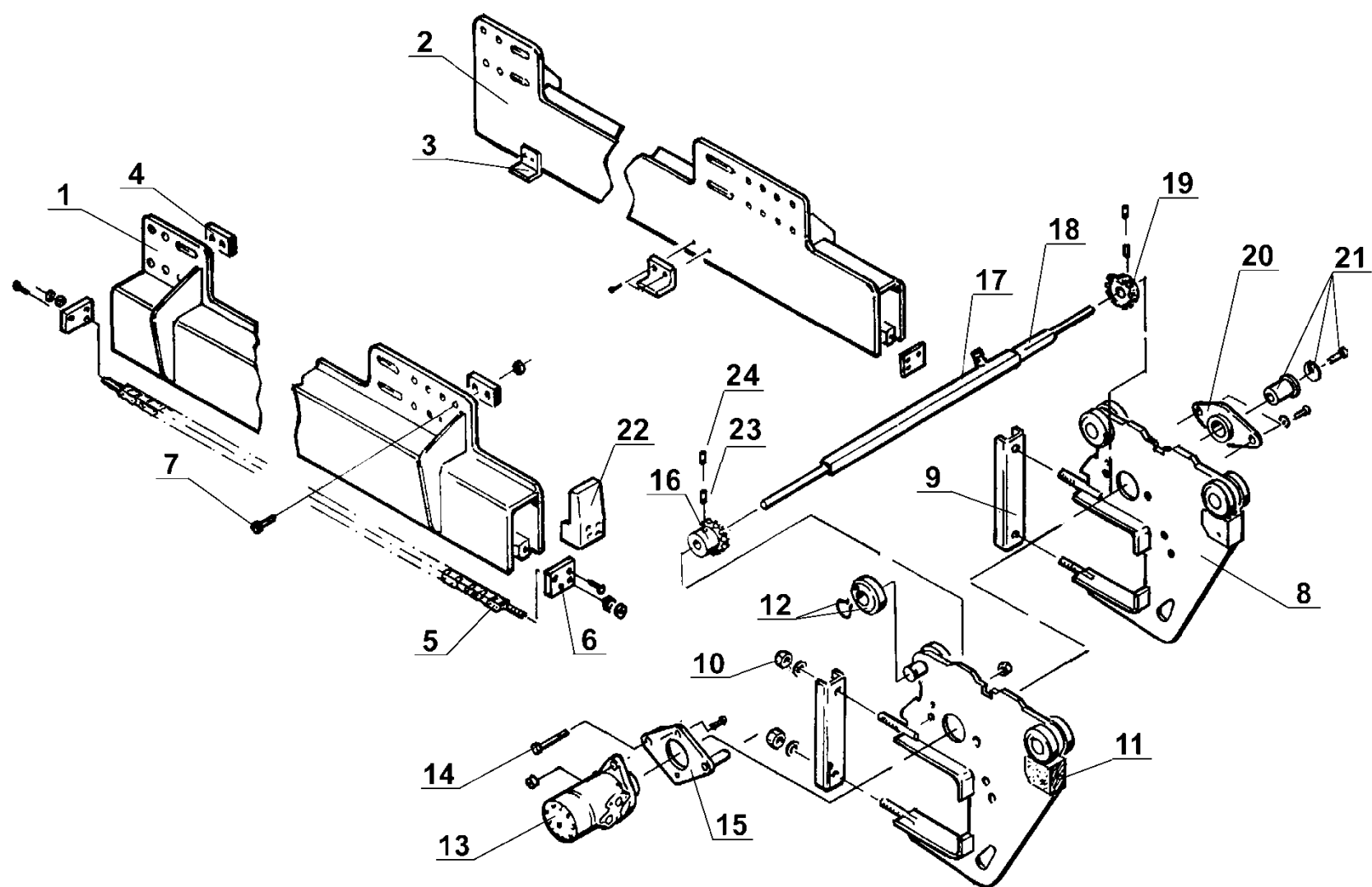
WALTCO LIFT CORP.
WZ-44

REVISED: 8-7-03
E.O. 6251
REV. 01

PM-599

ITEM	PART NUMBER	QTY	DESCRIPTION
1	Z67900	1	Support frame, WZ-44
2	Z64141	1	Lift arm, 29- ½" arm length
2	Z64140	1	Lift arm, 34- ¼" arm length
3	Z68541	2	Lift cylinder, WZ-44
-	Z31182	1	Seal kit for Z68541
4	Z64147	2	Tilt cylinder, 29- ½" arm length
-	Z31182	1	Seal kit for Z64147
4	Z64146	2	Tilt cylinder, 34- ¼" arm length
-	Z31182	1	Seal kit for Z64146
5	Z31107	2	Pivot bolt, Ø1- 3/8", L=7- 15/16"
6	Z31108	4	Pivot bolt, Ø1- 3/16", L=4- 3/16"
7	Z31109	2	Pivot bolt, Ø1- 3/16", L=6- 15/16"
8	Z31110	2	Pivot bolt, Ø1- 3/16", L=5- 5/32"
9	75089910	2	Bushing
10	Z31101	2	Bushing
11	Z64922	1	Cover
12	Z21644	1	Cable protector hose 71"
13	Z64089	2	Protective case for lift cylinder
14	Z64090	2	Protective case for tilt cylinder

GEN 2 WZ SLIDE SYSTEM
 (All Years)



WALTCO LIFT CORP.
 WZ-44

REVISED: 8-6-07
 E.O. 5959
 REV. 03

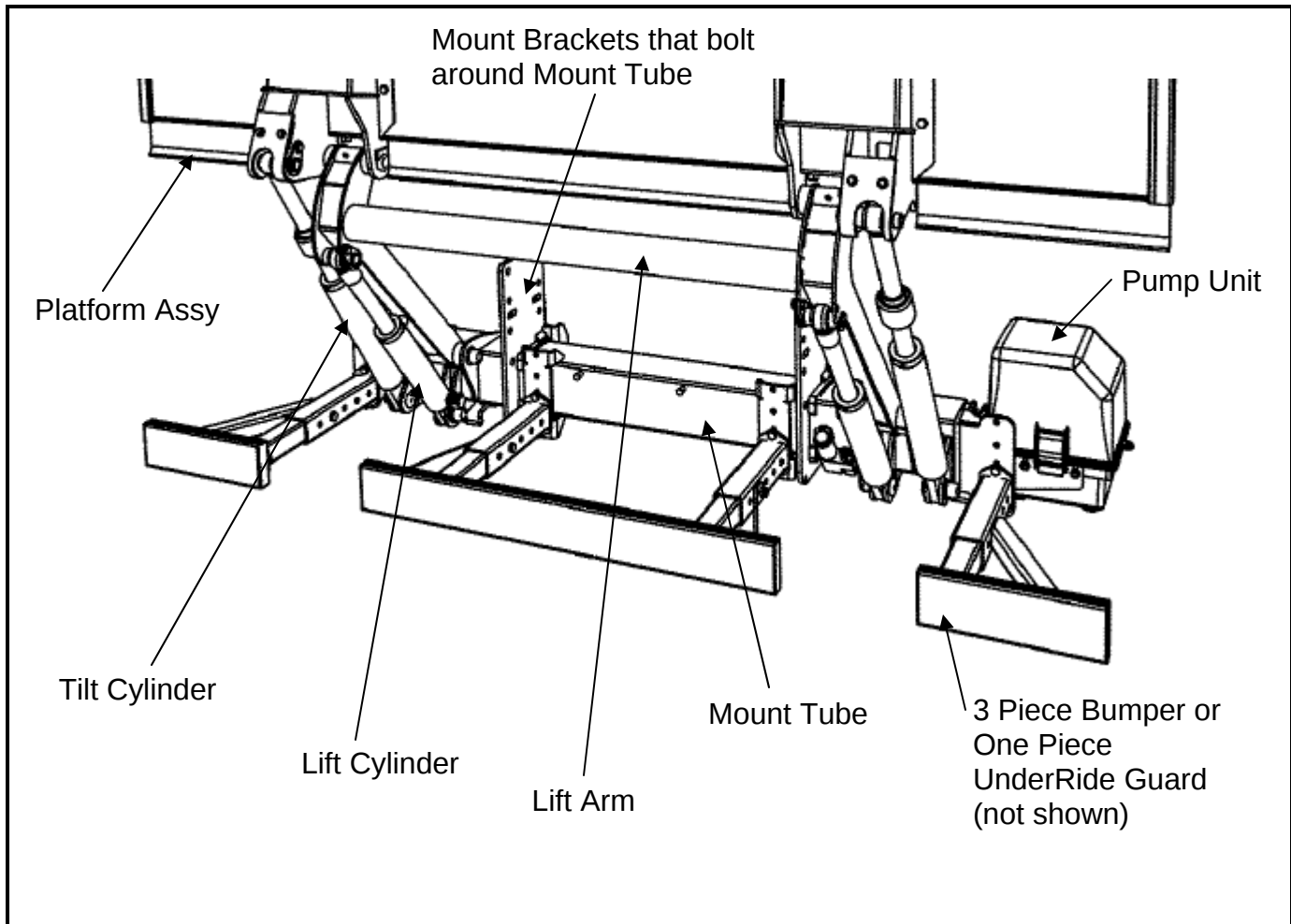
PM-606

ITEM	PART NUMBER	QTY	DESCRIPTION
1	Z66894	1	Slide profile 56- 1/2", driver side
2	Z67021	1	Slide profile 56- 1/2", curb side
3	Z31910	4	Hook
4	Z67039	4	Spacer
5	Z32004	2	Chain for Z66894 and Z67021
6	Z67038	2	Chain holder
7	Z31911	12	Screw with nut
8	Z32050	2	Mounting bracket
9	Z69101	2	Bracket
10	75089898	4	Nut
11	Z31913	2	Plastic stop
12	Z31912	4	Wheel, 1 pair
13	Z20699	1	Hydraulic motor
14	Z21365	2	Screw
15	Z66949	1	Hydraulic motor bracket
16	Z52062	1	Sprocket motor side
17	Z66944	1	Telescopic axle outside
18	Z66945	1	Telescopic axle inside
19	Z52064	1	Sprocket
20	Z66942	1	Sprocket adapter
21	Z31914	1	Axle bushing
22	Z32061	4	Plastic cover
23	75089581	2	Spring pin, M8x50
24	75089582	2	Spring pin, M5x50

LEVEL LIFT MOUNT ASSEMBLIES – Generation 3 RZ Series

(After 10-05 - See note below)

Note: For assistance on how to tell which Generation (1, 2, or 3) Level Lift you have, refer to the diagrams on these pages and the [Liftgate Terminology](#) section at the beginning of this document.



RZ-22

Common Features

- Tilt and lift cylinders with bearings (Shaft Ends Steel Pipe)
- Enclosed pump unit
- Three Piece Bumper or
- Square Tube underride
- Pivot bolt and nut at all pivot points

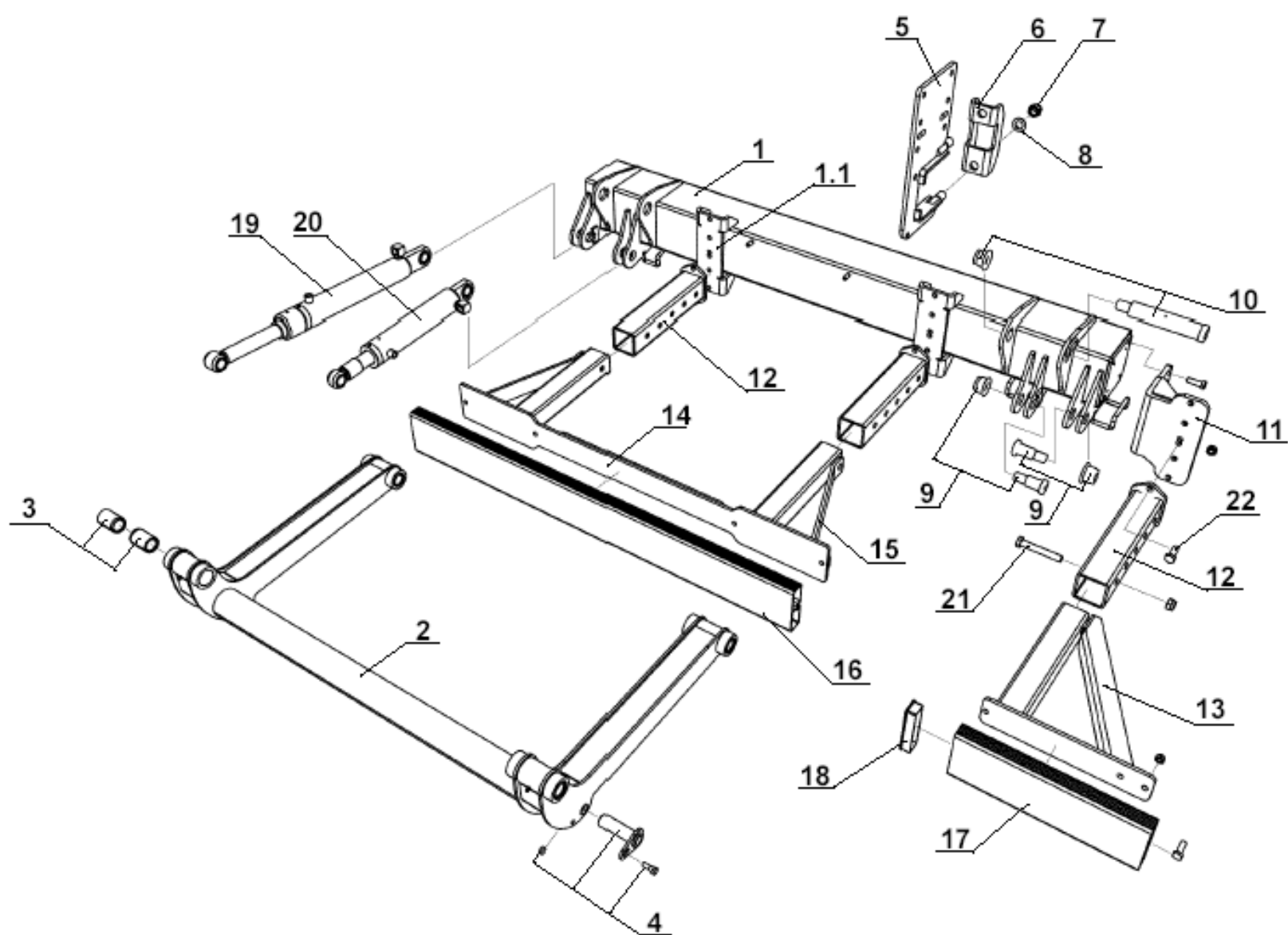
	RZ-22 PM-660A
Cylinder	2 Tilt / 2 Lift
Pump Unit	Mount Tube

80101075 Rev. 04 8-09

- ♦ Bolts, nuts, and hose fittings are of metric design.

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

GEN 3 RZ LIFTGATE ASSEMBLY
 (All Years)



WALTCO LIFT CORP.
 RZ-22

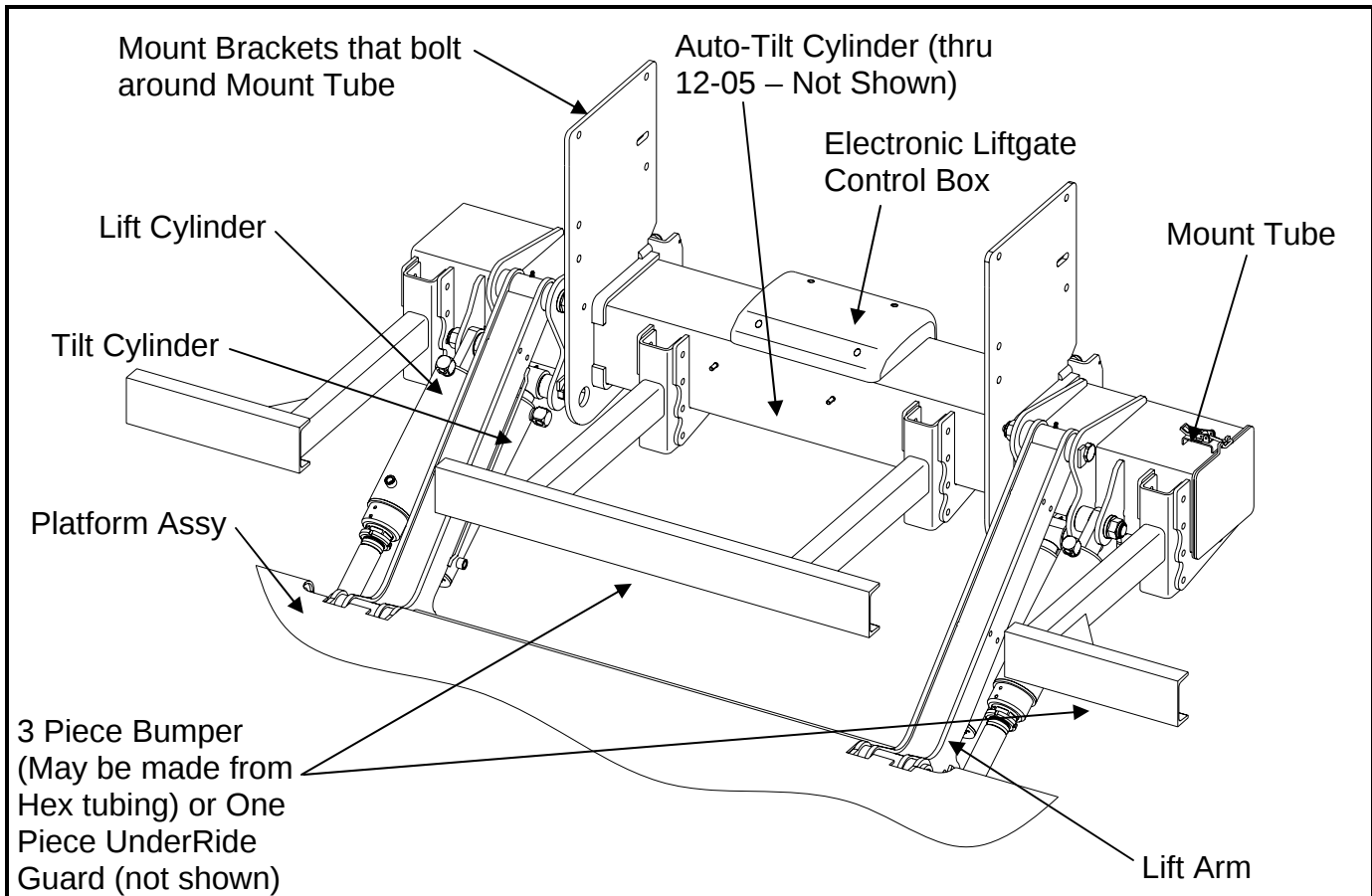
REVISED: 5-3-06
 E.O. 5710
 REV. 02
PM-660A

ITEM	PART NUMBER	QTY	DESCRIPTION
----	Z54685	-	Hydraulic Unit 5725, 12 volt, complete
1	Z52969	1	Support Frame
1.1	Z52971	2	Bracket, under run bar
2	Z53046	1	Lift Arm, lift ht. = 43"
2	Z51357	1	Lift Arm, lifting ht. = 52"
3	Z32176	4	Bushing cpl.
4	Z32486	2	Pivot Bolt cpl. Ø1-3/32" L=3-1/16"
5	Z50359	2	Mounting Bracket
6	Z52920	2	Bracket
7	75089898	4	Nut
8	Z21429	4	Washer
9	Z32184	4	Pivot Bolt cpl. Ø1" L=2-7/16"
10	Z32183	2	Pivot Bolt cpl. Ø1-3/16" L=6-9/16"
11	Z52991	1	Bracket, under run bar (right)
11	Z52992	1	Bracket, under run bar (left)
12	Z52988	4	Tube, under run bar
13	Z52989	2	Under Run Bar, right & left
14	Z52993	1	Under Run Bar, center
15	Z52972	2	Bar
16	Z52967	1	Aluminum Profile, L= 43-5/16"
17	Z52903	2	Aluminum Profile, L= 12-5/8"
18	Z22264	6	Cover, under run bar
19	Z52954	2	Tilt Cylinder, lifting ht. = 43"
19	Z52952	2	Tilt Cylinder, lifting ht. = 52"
20	Z51169	2	Lift Cylinder, lifting ht. = 43"
20	Z51439	2	Lift Cylinder, lifting ht. = 52"
21	Z21828	4	Screw, M12x80
22	Z21977	8	Screw, M10x30

LEVEL LIFT MOUNT ASSEMBLIES – Generation 3 BZ Series

(After 9-04 - See note below)

Note: For assistance on how to tell which Generation (1, 2, or 3) Level Lift you have, refer to the diagrams on these pages and the [Liftgate Terminology](#) section at the beginning of this document.



BZ-33, BZ-44, BZ-55

Common Features

- Tilt and lift cylinders with bearings (Shaft Ends are Steel Pipe)
- Cylinder shafts are Black Chrome plated
- Enclosed pump unit
- Three Piece Bumper or
- Square Tube underride
- Pivot bolt and nut at all pivot points

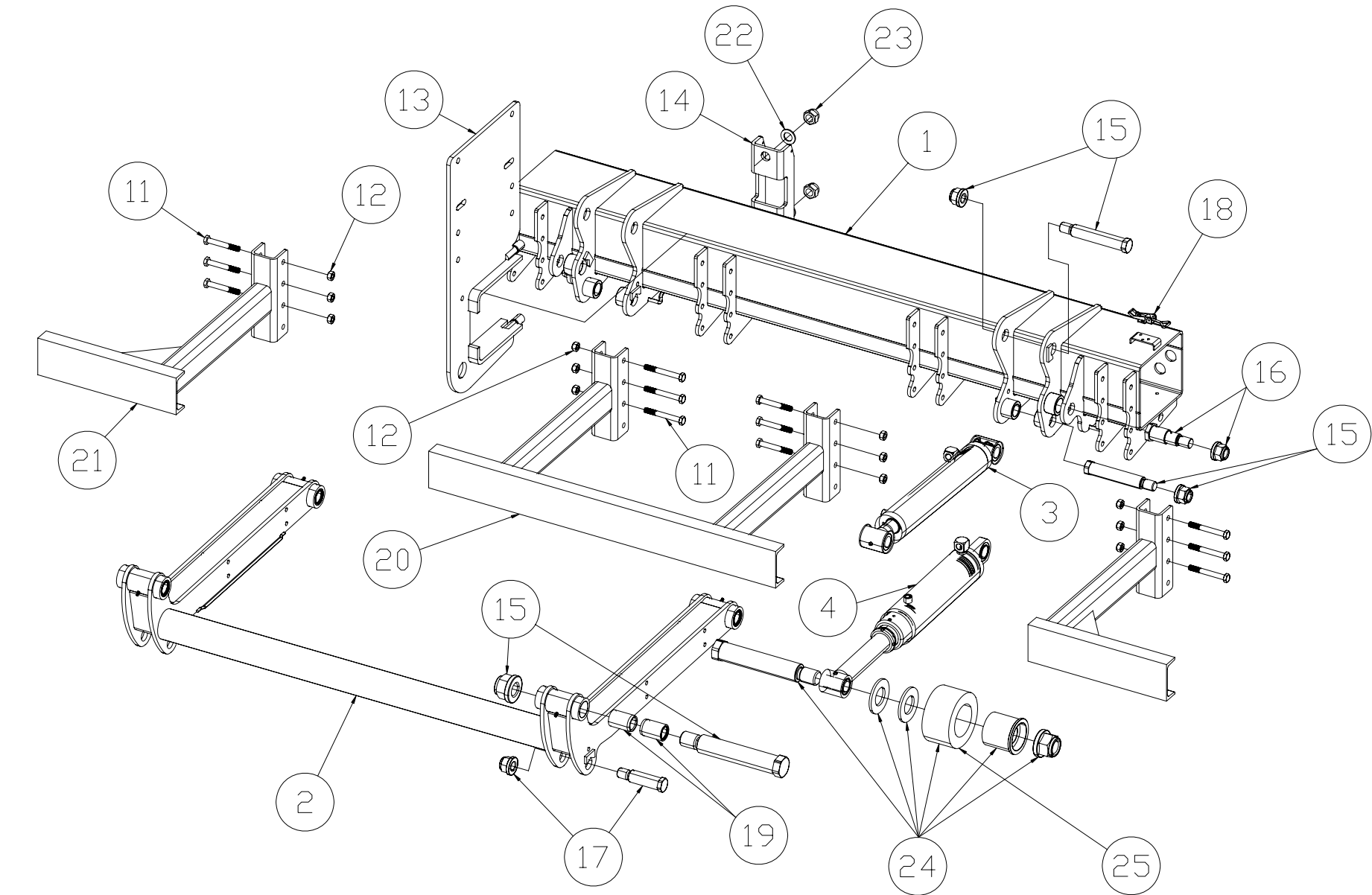
	BZ-33, BZ-44, BZ-55 PM-647 Built thru 7-06 PM-647A Built from 7-06
Cylinder	2 Tilt / 2 Lift / 1 Autotilt (thru 12-05) 2 Tilt / 2 Lift (after 12-05)
Pump Unit	Mount Tube

80101075 Rev. 04 8-09

- ♦ Bolts, nuts, and hose fittings are of metric design.

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

GEN 3 BZ LIFTGATE ASSEMBLY
 (Built thru 7-06)



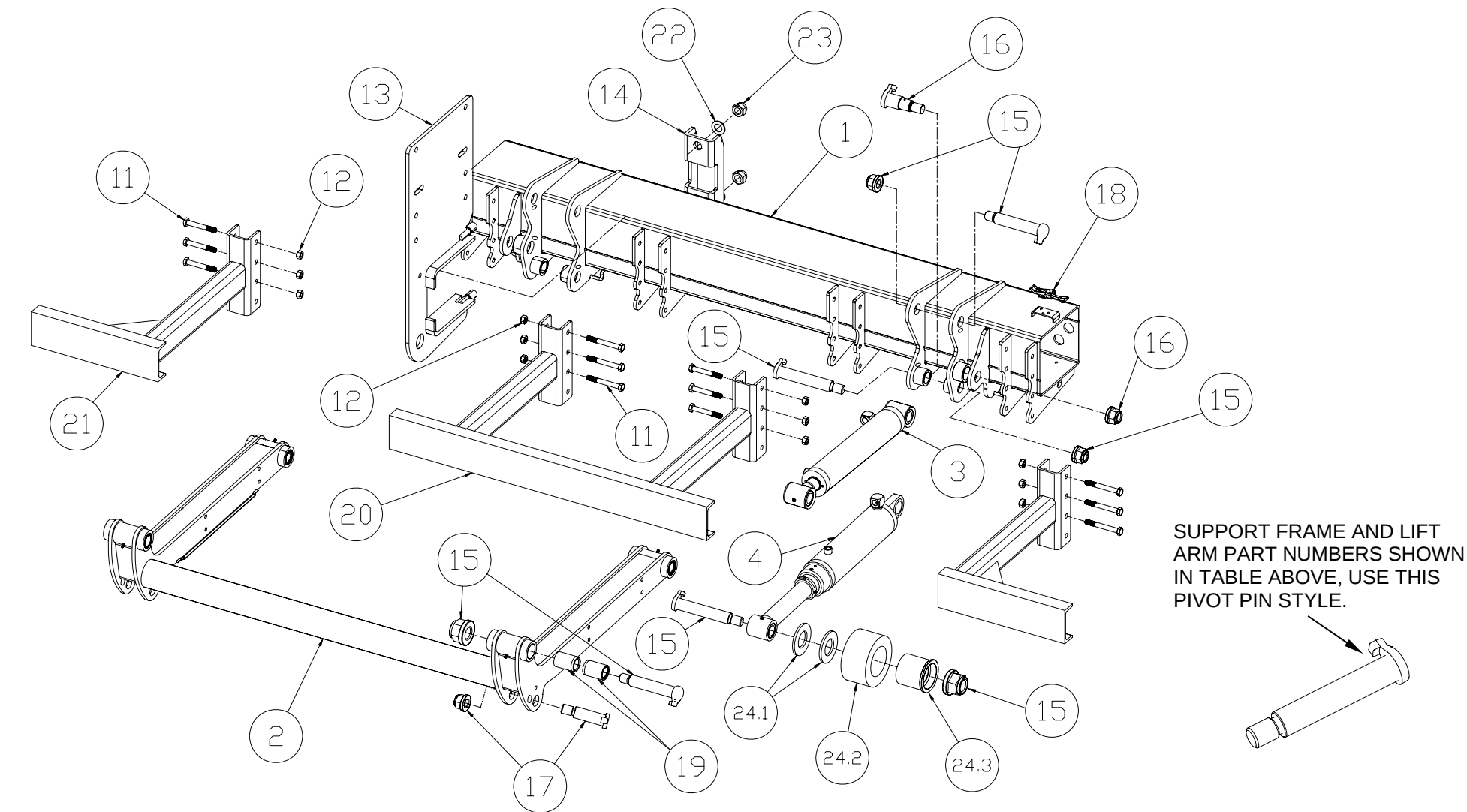
WALTCO
 TRUCK EQUIPMENT CO.
 BZ-33, 44, 55

REVISED: 5-13-05
 E.O. 5534
 REV. 02

PM-647

ITEM	PART NUMBER	QTY	DESCRIPTION
1	Z52667	1	Support frame
2	Z51835	1	Lift arm, L=29-1/2", BZ-33/44
2	Z52050	1	Lift arm, L= 29-1/2", BZ-55
2	Z51824	1	Lift arm, L= 34-1/4", BZ-33/44
2	Z52044	1	Lift arm, L= 34-1/4", Z-55
3	Z52031	2	Lift cylinder, for 29-1/2" lift arm, BZ-33/44
3	Z51581	2	Lift cylinder, for 29-1/2" lift arm, BZ-55
3	Z52032	2	Lift cylinder, for 34-1/4" lift arm, BZ-33/44
3	Z51582	2	Lift cylinder, for 34-1/4" lift arm, BZ-55
4	Z52023	2	Tilt cylinder, for 29-1/2" lift arm, BZ-33/44
4	Z52021	2	Tilt cylinder, for 29-1/2" lift arm, BZ-55
4	Z52024	2	Tilt cylinder, for 34-1/4" lift arm, BZ-33/44
4	Z52022	2	Tilt cylinder, for 34-1/4" lift arm, BZ-55
11	Z21597	12	Screw M12x100
12	Z21664	12	Nut M12
13	Z51511	2	Mounting bracket
14	Z51509	2	Bracket
15	Z32343	6	Pivot bolt Ø1-3/16", L=6-13/16"
16	Z32552	2	Pivot bolt Ø1-3/16" / 1-3/8", L=4-3/32"
17	Z32553	2	Pivot bolt Ø1-3/16", L=4-1/2"
18	Z32037	1	Lock
19	Z32176	4	Bushing, complete
20	16661000	1	Bumper, middle
21	16662000	2	Bumper, side
22	Z21429	4	Washer
23	Z20171	4	Lock nut
24	Z51563	2	Pivot bolt with support wheel kit, complete
25	Z50755	2	Support wheel

GEN 3 BZ LIFTGATE ASSEMBLY
 (Built from 7-06)





LIFT CORP.
BZ-33/44/55

REVISED:
 E.O.
 REV.

6-4-08
 6067
 02

PM-647A

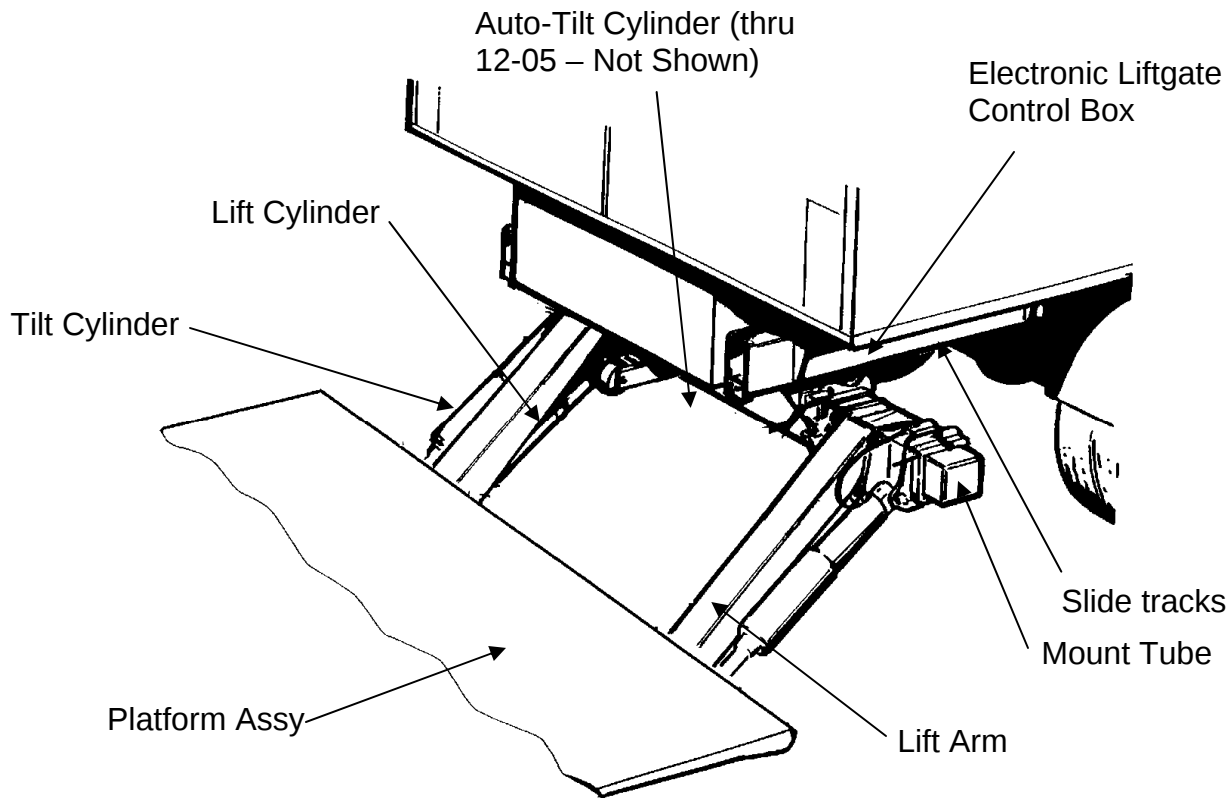
ITEM	PART NUMBER	QTY	DESCRIPTION
1	Z53577	1	Support frame
2	Z53629	1	Lift arm, L=29-1/2", BZ-33/44
2	Z53624	1	Lift arm, L= 29-1/2", BZ-55
2	Z53621	1	Lift arm, L= 34-1/4", BZ-33/44
2	Z53669	1	Lift arm, L= 34-1/4", BZ-55
3	Z52031	2	Lift cylinder, for 29-1/2" lift arm, BZ-33/44
3	Z51581	2	Lift cylinder, for 29-1/2" lift arm, BZ-55
3	Z52032	2	Lift cylinder, for 34-1/4" lift arm, BZ-33/44
3	Z51582	2	Lift cylinder, for 34-1/4" lift arm, BZ-55
4	Z52023	2	Tilt cylinder, for 29-1/2" lift arm, BZ-33/44
4	Z52021	2	Tilt cylinder, for 29-1/2" lift arm, BZ-55
4	Z52024	2	Tilt cylinder, for 34-1/4" lift arm, BZ-33/44
4	Z52022	2	Tilt cylinder, for 34-1/4" lift arm, BZ-55
11	Z21597	12	Screw M12x100
12	Z21664	12	Nut, M12
13	Z32673	2	Mounting bracket
14	Z51509	2	Bracket
15	Z32785 ^{AB}	6	Pivot bolt Ø1-3/16", L=6-15/16", BZ-33/44/55
16	Z32782 ^A	2	Pivot bolt Ø1-3/16" / 1-3/8", L=4-3/16", BZ-33/44/55
17	Z32783 ^A	2	Pivot bolt Ø1-3/16", L=4-9/16", BZ-33/44
17	Z32784 ^A	2	Pivot bolt Ø1-3/16", L=4-3/4", BZ-55
18	Z32037	1	Lock
19	Z32176	4	Bushing, complete
20	16661000	1	Bumper, middle
21	16662000	2	Bumper, side
22	Z21429	4	Washer
23	Z20171	4	Lock nut, M22
24	Z53696	2	Support wheel assembly complete
24.1	Z21674	4	Washer
24.2	Z50755	2	Support wheel
24.3	Z51564	2	Spacing sleeve

^A M24 Locknut included with pivot bolt.
^B Pivot bolt included in Support wheel assembly Z53696.

LEVEL LIFT MOUNT ASSEMBLIES – Generation 3 WZ Series

(After 9-04 - See note below)

Note: For assistance on how to tell which Generation (2 or 3) WZ Series you have, refer to the diagrams on these pages and the [Liftgate Terminology](#) section at the beginning of this document.



WZ-44, WZ-55

Common Features

- Tilt and lift cylinders with bearings (Shaft Ends are Steel Pipe)
- Cylinder shafts are Black Chrome plated
- Enclosed pump unit
- Folding Platform
- Pivot bolt and nut at all pivot points

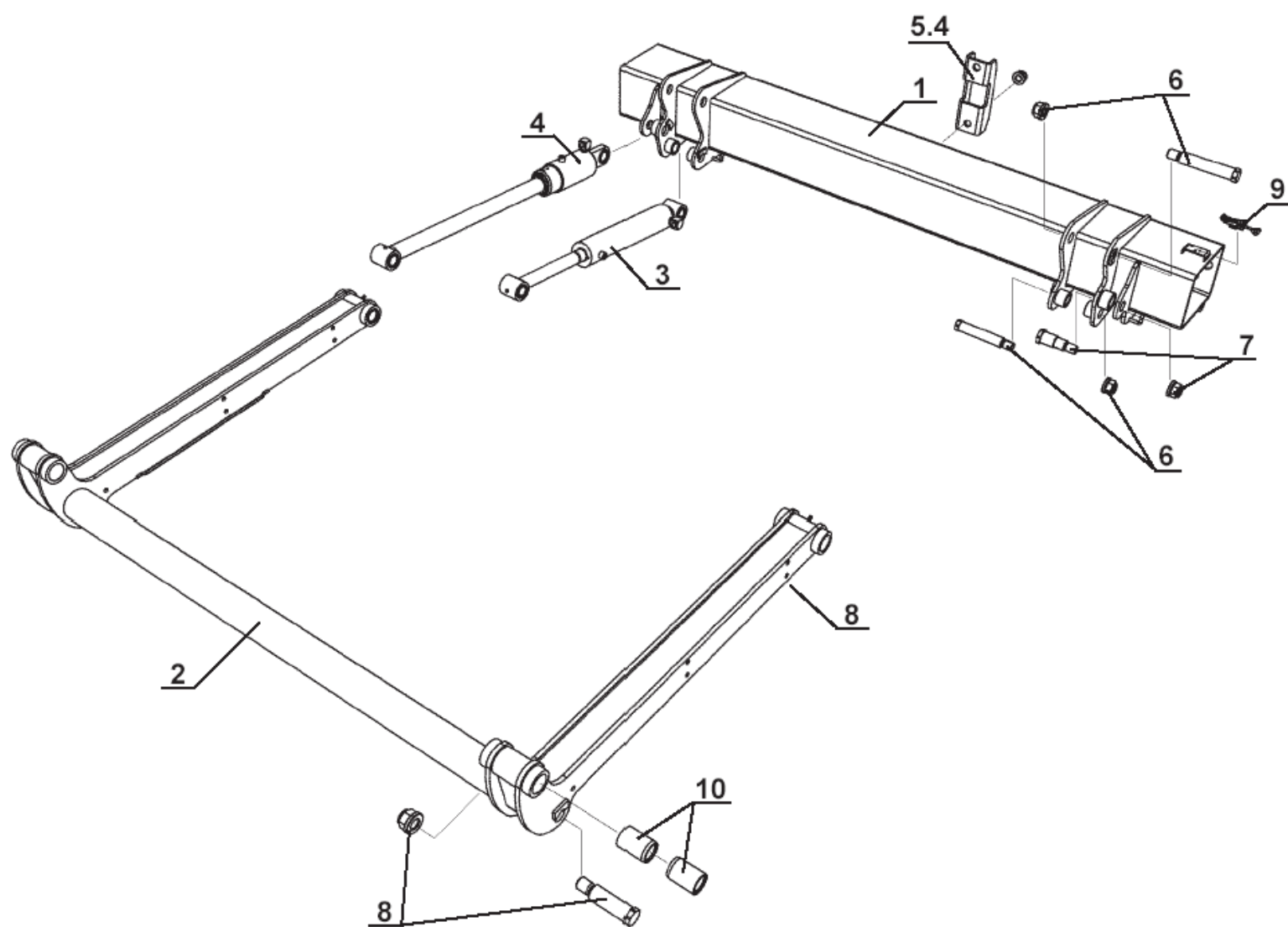
Liftgate Assembly	WZ-44, WZ-55 PM-685
Slide System	WZ-44, WZ-55 PM-688
Cylinder	2 Tilt / 2 Lift / 1 Autotilt (thru 12-05) 2 Tilt / 2 Lift (after 12-05)
Pump Unit	Mount Tube

80101075 Rev. 04 8-09

♦ Bolts, nuts, and hose fittings are of metric design.

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

GEN 3 WZ LIFTGATE ASSEMBLY
(All Years)



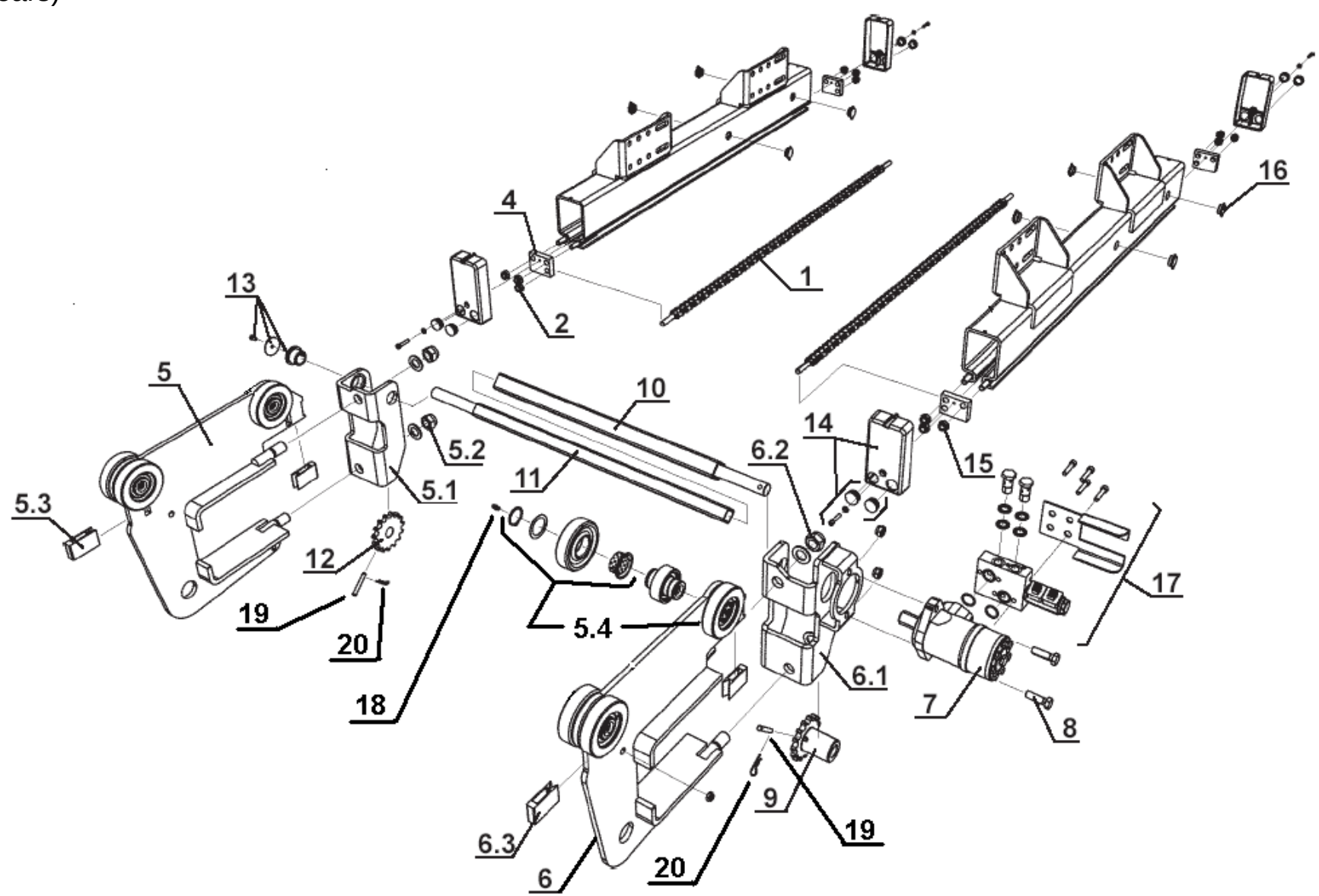
WALTCO LIFT CORP.
WZ-44/55

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

PM-685

ITEM	PART NUMBER	QTY	DESCRIPTION
1	Z51977	1	Frame, WZ-44/55Z
2	Z52050	1	Lift arm, L=29-1/2", WZ-44/55Z
3	Z51581	2	Lift cylinder, for L=29-1/2" lift arm
-	Z32622	1	Seal kit for Z51581
4	Z52029	2	Tilt cylinder, for L=29-1/2" lift arm
-	Z32623	1	Seal kit for Z52026
6	Z32343	4	Pivot bolt Ø1-3/16", L=6-13/16"
7	Z32552	2	Pivot bolt Ø1-3/16" / 1-3/8", L=4-3/32"
8	Z32553	2	Pivot bolt Ø1-3/16", L=4-1/2"
9	Z32037	1	Lock
10	Z32176	4	Bushing, complete

GEN 3 WZ SLIDE SYSTEM
(All Years)



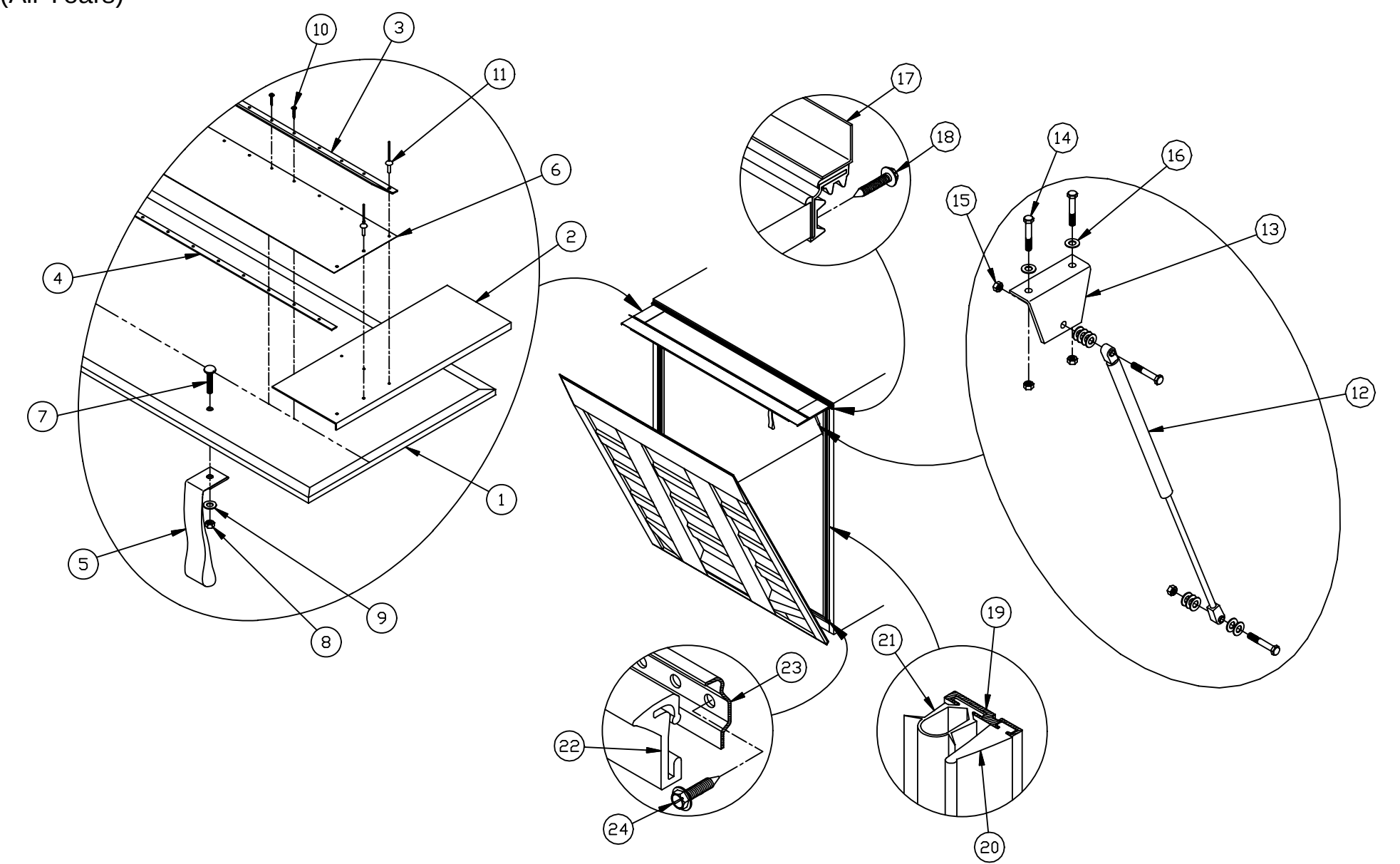
WALTCO LIFT CORP.
WZ-44/55

REVISED: 9-19-05
E.O. 5651
REV. 02

PM-688

ITEM	PART NUMBER	QTY	DESCRIPTION
1	Z32062	2	Chain, L= 62-1/2"
2	Z21664	2	Nut
4	Z67038	4	Chain holder
5	Z32629	1	Mount plate, driver side
5.1	Z52065	1	Bracket, driver side
5.2	Z20171	2	Nut
5.3	Z51815	2	Plastic stop
5.4	Z32496	4	Wheel pair, complete
6	Z32528	1	Mount plate, curb side
6.1	Z52054	1	Bracket, curb side
6.2	Z20171	2	Nut
6.3	Z51815	2	Plastic stop
7	Z20699	1	Hydraulic motor
8	Z22213	2	Screw
9	Z52062	1	Sprocket, motor side
10	Z66944	1	Drive axle, outside
11	Z66945	1	Drive axle, inside
12	Z52064	1	Sprocket, bearing side
13	Z31914	1	Axle bushing, complete
14	Z32480	4	Plastic end cap
15	Z21664	8	Nut
16	Z51663	8	Plastic plug
17	-	1	Hydraulic motor block, see PM-687
18	Z22102	1	Grease Fitting Straight
19	Z52063	2	Clevis Pin
20	Z22182	2	Hairpin Cotter Pin

LEVEL LIFT FLIP-UP DOOR & RUBBER SEAL KIT
(All Years)



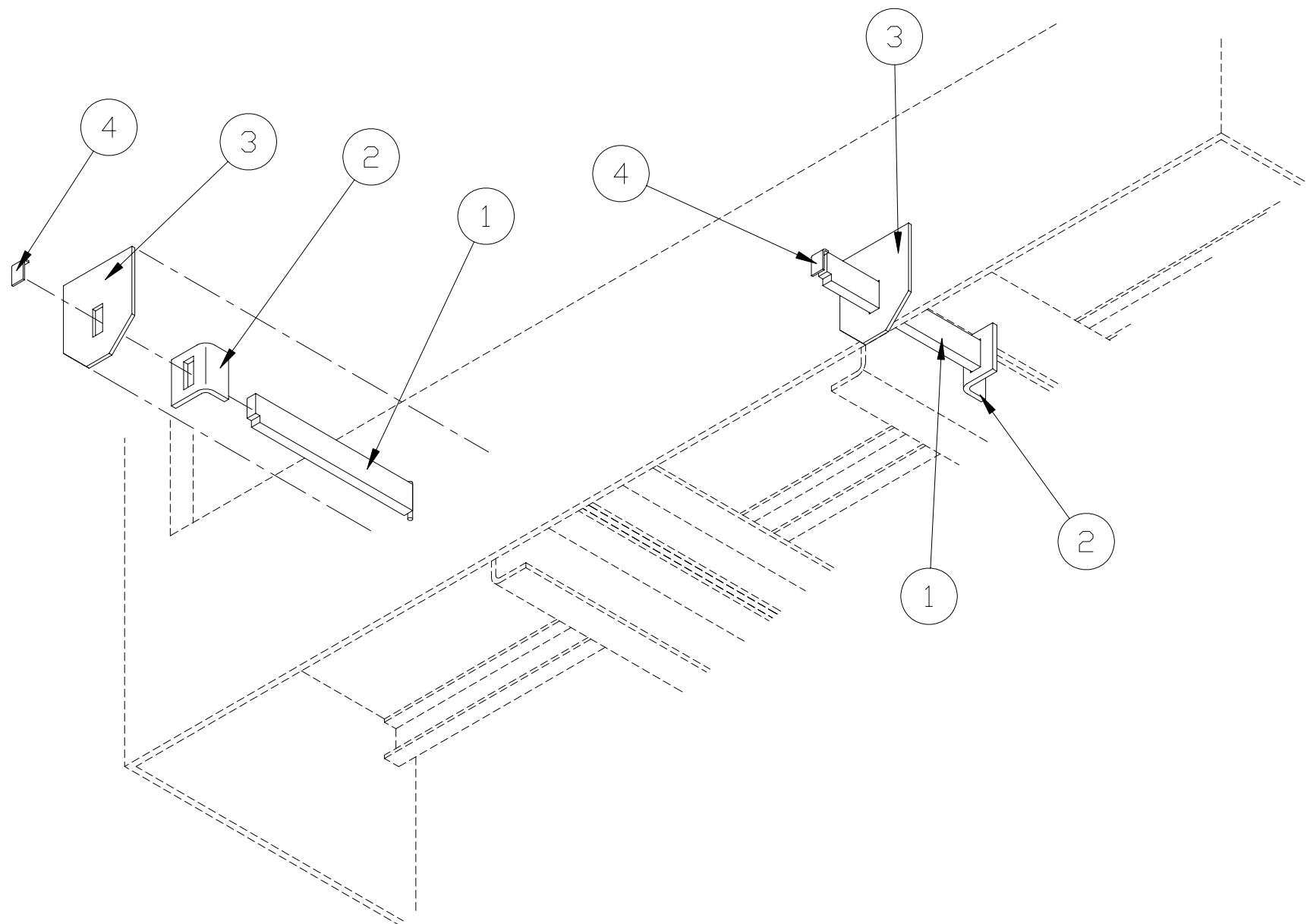
WALTCO
TRUCK EQUIPMENT CO.
BZ and RZ

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

PM-543

ITEM	PART NUMBER	QTY	DESCRIPTION
1	142605XX	1	Flip-up Door (Specify door size)
2	142631XX	2	Side Angle (Specify door size)
3	142632XX	1	Drip Rail (Specify door size)
4	142633XX	1	Spacer Bar (Specify door size)
5	14263601	1	Pull Strap
6	75090049	1	Rubber Pad
7	75087584	1	3/8-16 x 1-1/2" Carriage Bolt
8	75085193	1	3/8-16 Lock Nut
9	75088053	1	3/8" Flat Washer
10	75086858	40	#8 x 1" K-Lath Screw
11	75089402	6	Drive Rivet 3/16" x ¼" Long
12	750900XX	2	Gas Cylinder (Specify door size)
13	14263401	2	Cylinder Bracket
14	75086039	8	5/16-18 x 2" Hex Head Screw
15	75085177	2	Hex Nut
16	75085184	8	5/16-18 Lock Nut
17	142620XX	1	Hinge Assembly (Specify door size)
18	75087552	12	#10 x 1-1/2" Slotted Hex Screw
19	75089936	2	Double Tracked Rail
20	75089937	2	Rubber Air Foil
21	75089960	By the Foot	Rubber Seal (Specify length)
22	75089912	1	Rubber Sill Extension
23	75089911	1	Rubber Sill Rail
24	75089982	24	8mm Self-Tapping Screw

DRIVE OVER LOCK COMPONENTS
 (All Years)



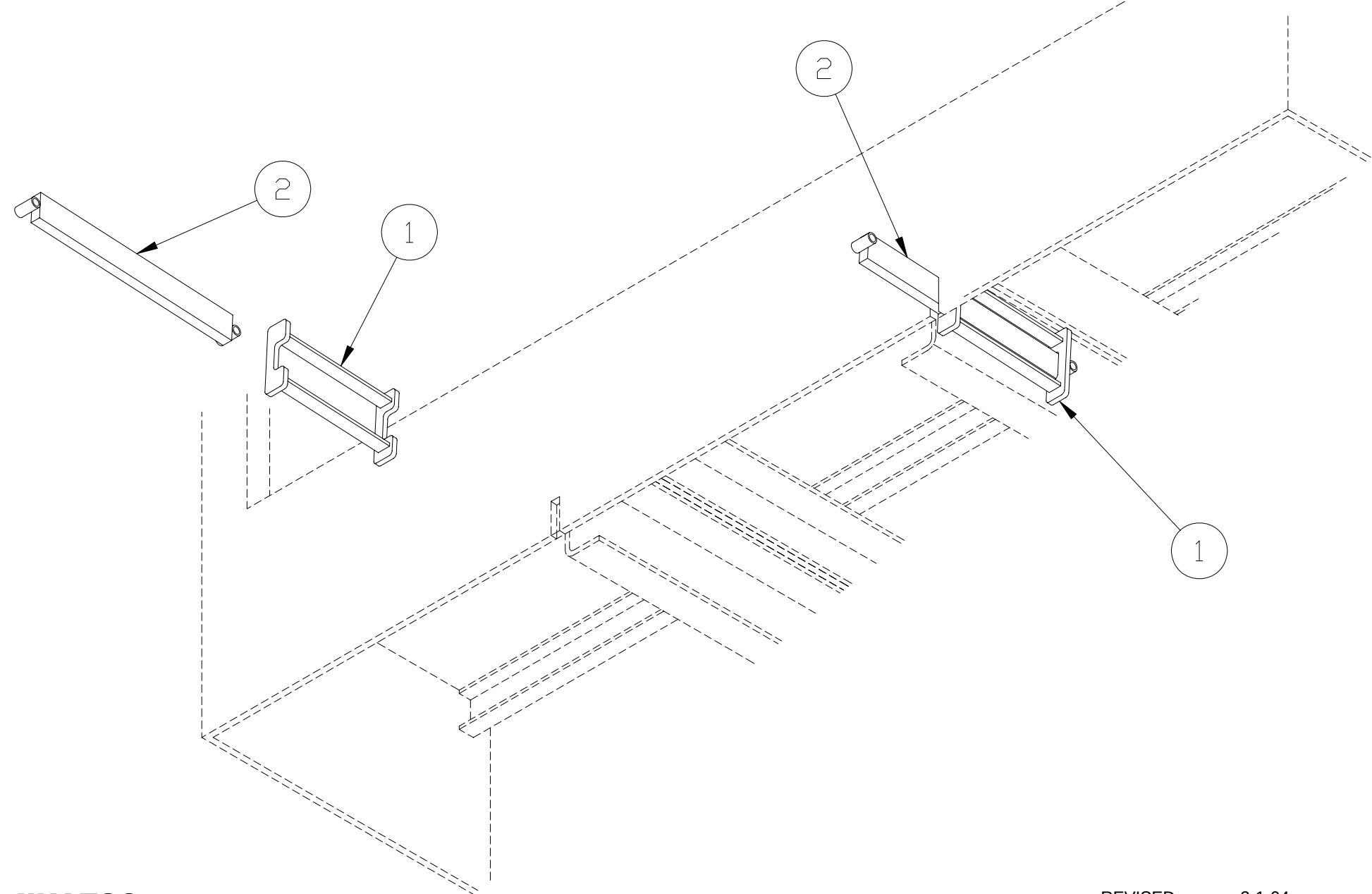
WALTCO
 TRUCK EQUIPMENT CO.
 BZ & RZ

REVISED: 2-1-04
 E.O. 5221A
 REV. 01

PM-631

ITEM	PART NUMBER	QTY	DESCRIPTION
1	14492501	2	Drive Over Bar
2	14492101	2	Guide Bar, Drive Over Lock
3	14492401	2	Guide Plate, Drive Over Lock
4	14492301	2	Drive Over Lock Handle

DRIVE OVER LOCK COMPONENTS
(All Years)



WALTCO
TRUCK EQUIPMENT CO.
BZ-33, 44

REVISED: 2-1-04
E.O. 5221A
REV. 01

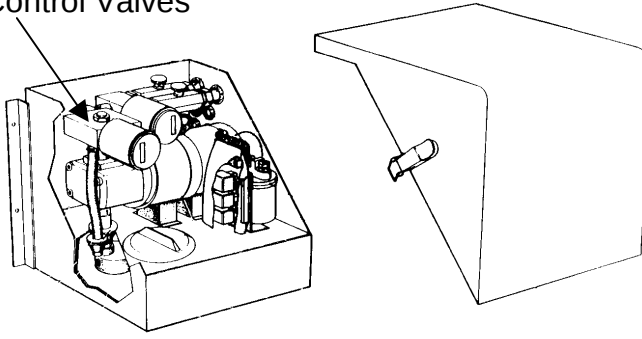
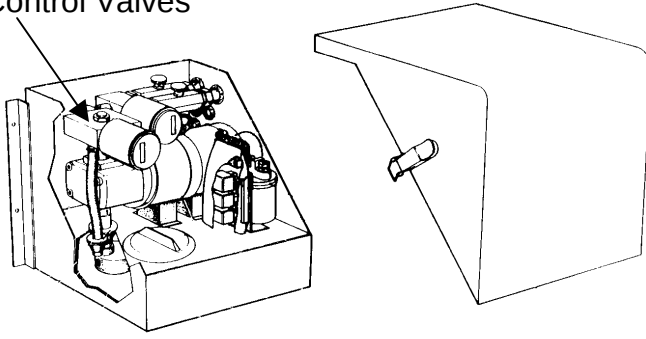
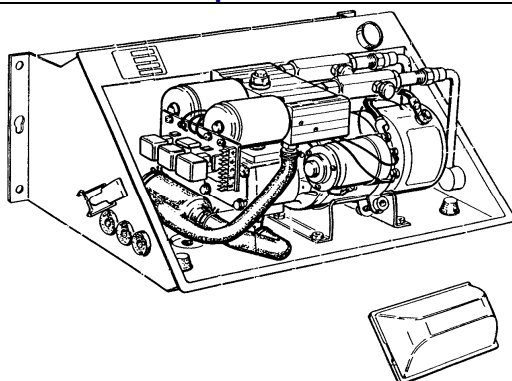
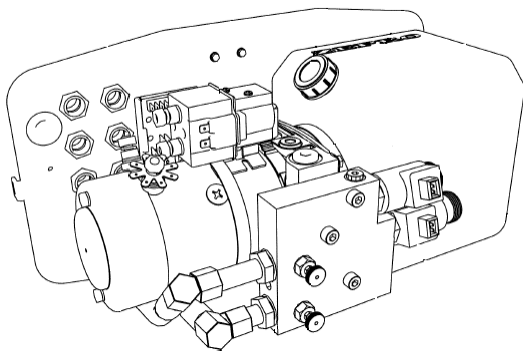
PM-632

ITEM	PART NUMBER	QTY	DESCRIPTION
1	14892301	2	Drive Lock Support Assembly
2	14892501	2	Drive Over Bar

LEVEL LIFT HYDRAULICS & CONTROLS - Generation 1 - RZ Series

(Prior to 3-31-04 - See note below)

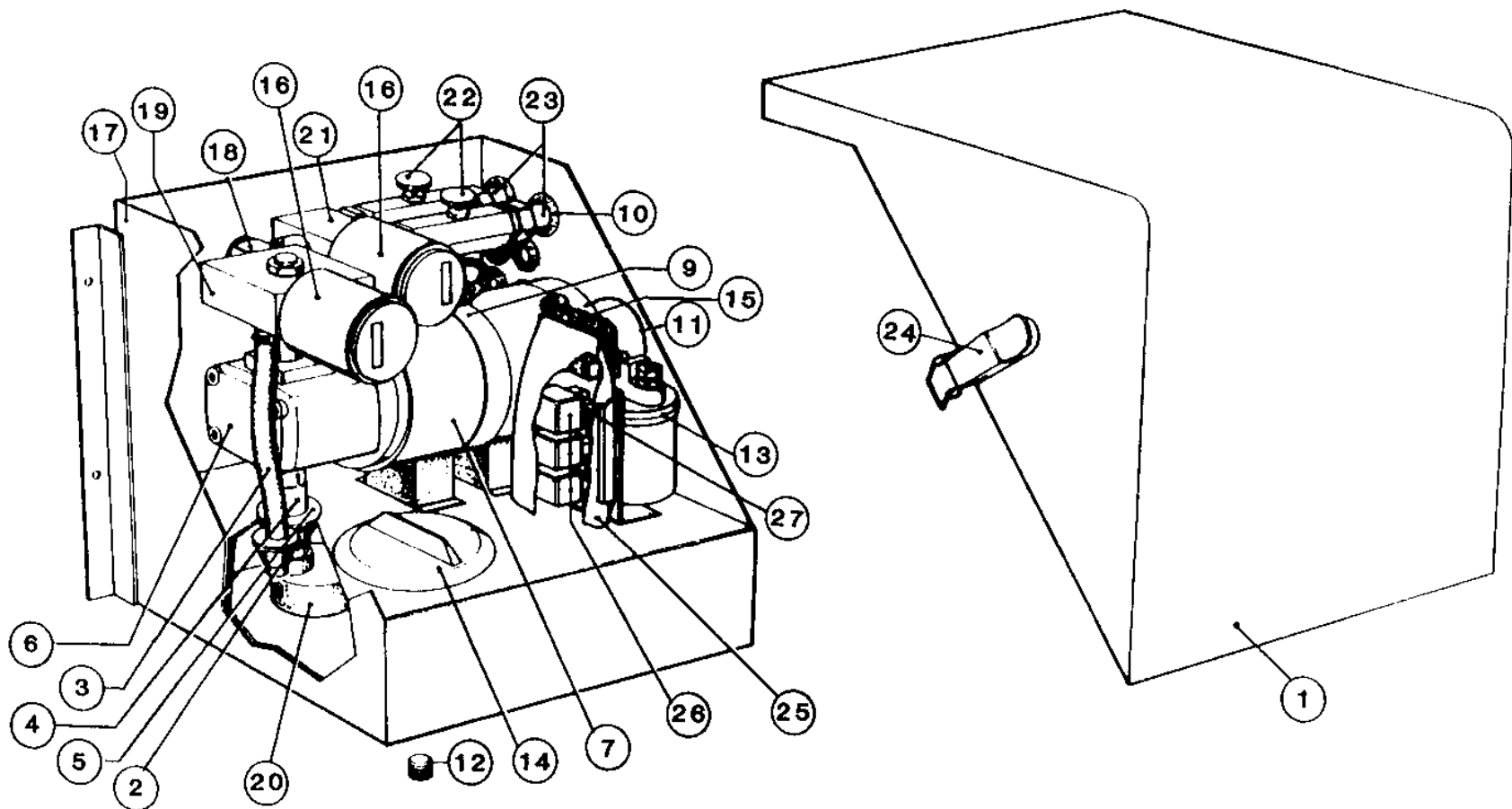
Note: For assistance on how to tell which Generation (1, 2, or 3) Level Lift you have, refer to the diagrams on these pages and the [Liftgate Terminology](#) section at the beginning of this document.

Steel Bodied Control Valves 	Aluminum Bodied Control Valves 	
Built prior to 1-92	Built from 1-92 thru 1-94	
		
Built from 1-90 thru 1-03	Built from 1-03	
Common Features • Electric Push-Button controls • Remote Pump Mounting		
	RZ-10	RZ-20
Hydraulic Layout	PM-252	PM-251 Built prior to 3-00 PM-251A Built after 3-00
Pump	PM-253 Built prior to 1-94 PM-256 Built from 1-90 thru 1-03 PM-633 Built from 1-03	PM-253 Built prior to 1-94 PM-256 Built from 1-90 thru 1-03 PM-633 Built from 1-03
Switches & Controls	PM-248A	PM-248A
Lift Cylinder	PM-495	PM-499
Tilt Cylinder	PM-496	PM-500

80101108 Rev. 04 8-09

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

GEN 1 RZ HYDRAULIC PUMP UNIT (14295001)
(Built thru 1-94)



IMPORTANT:

All hydraulic fittings are of European design. DO NOT ATTEMPT to use National Pipe Thread (N.P.T.), or any other type fittings that are not compatible with this unit. Contact your nearest WALTCO Level Lift distributor for assistance.

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RZ SERIES

REVISED: 4-1-05
E.O. 5221G
REV. 08

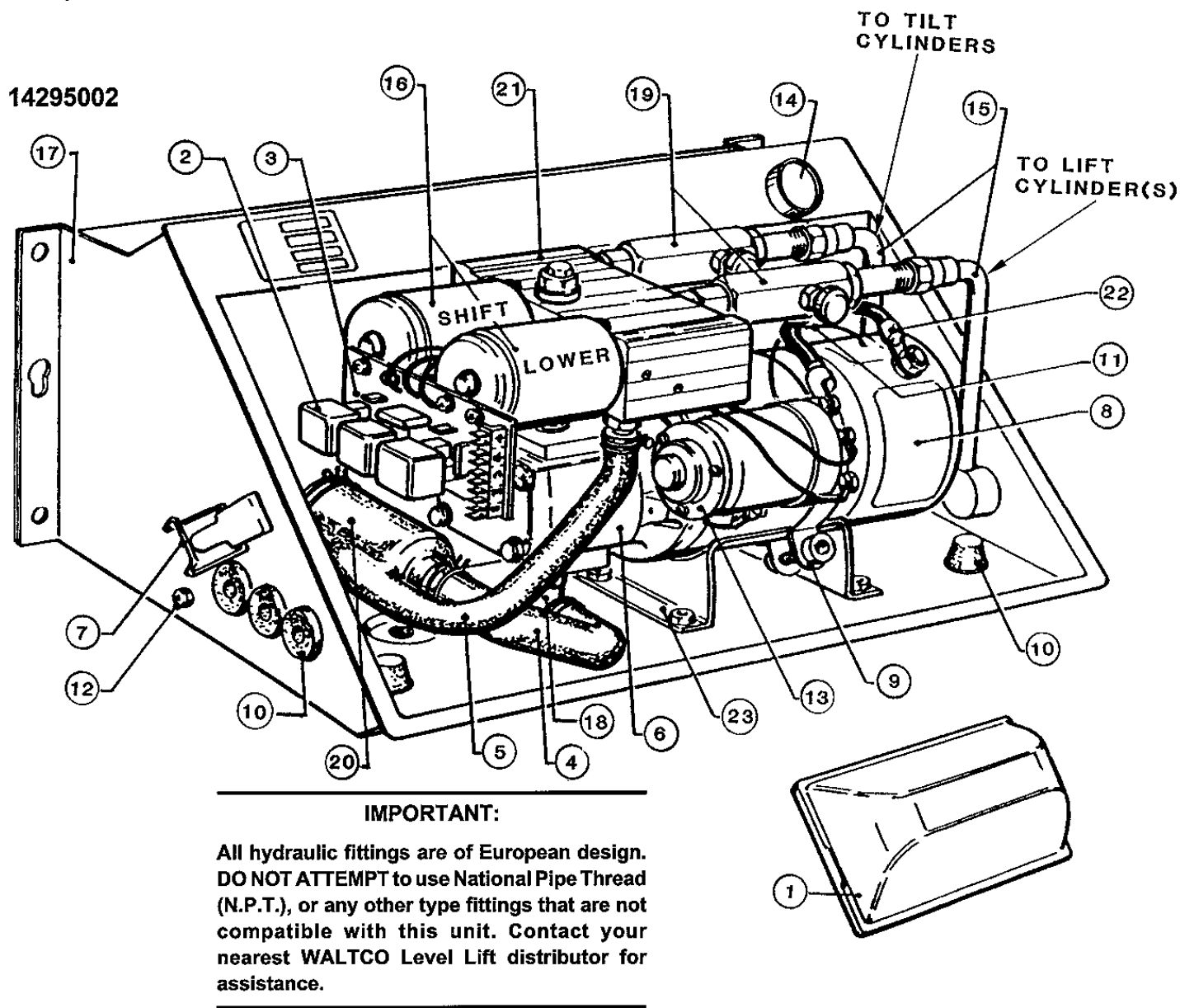
PM-253

ITEM	PART NUMBER	QTY	DESCRIPTION
1	75089950	1	Cover
2	75090001	1	Collar
3	75089888	1	Hose, Complete
4	75089957	1	Pipe
5	75090000	1	Collar
6	70093611	1	Hydraulic Pump
8	70093632	1	Electric Motor (12volt)
9	Z31120	1	Motor Brace
10	75089949	2	Rubber Collar
11	75089933	1	Heat Guard
12	75089904	1	Oil Drain Plug
13	75089958	1	Motor Solenoid
14	75089901	1	Filler Cap w/Dipstick
15	75089896	1	Electric Cable
16	75089902	2	Solenoid
17	70093462	1	Chassis w/Tank
18	75089887 ^A	1	90° Nipple Connector (Used w/Steel Lowering Valve)
	75090170 ^A	1	90° Nipple Connector Used w/Aluminum Lowering Valve)
19	75090002 ^A	1	Valve without Solenoid
20	75089903	1	Strain
21	75090003 ^A	1	Valve without Solenoid
22	75089885	2	Constant Flow Valve
23	75089886	2	Nipple
24	75090006	2	Lock
25	75090004	1	Cap for Relay
26	75089959	3	Relay (12volt)
27	75090007	1	Relay Circuit Board
---	75090035	2	Seal Kit for Valves 75090002 and 75090003

Notes:

^A Pumps built prior 12-92 used Steel Bodied valves.
Pumps built after 12-92 used Aluminum Bodied Valves.
These Aluminum Bodied replacement valves will work as direct replacements for all versions.

GEN 1 RZ HYDRAULIC PUMP UNIT (14295002)
(Built 1-94 thru 1-03)



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RZ SERIES

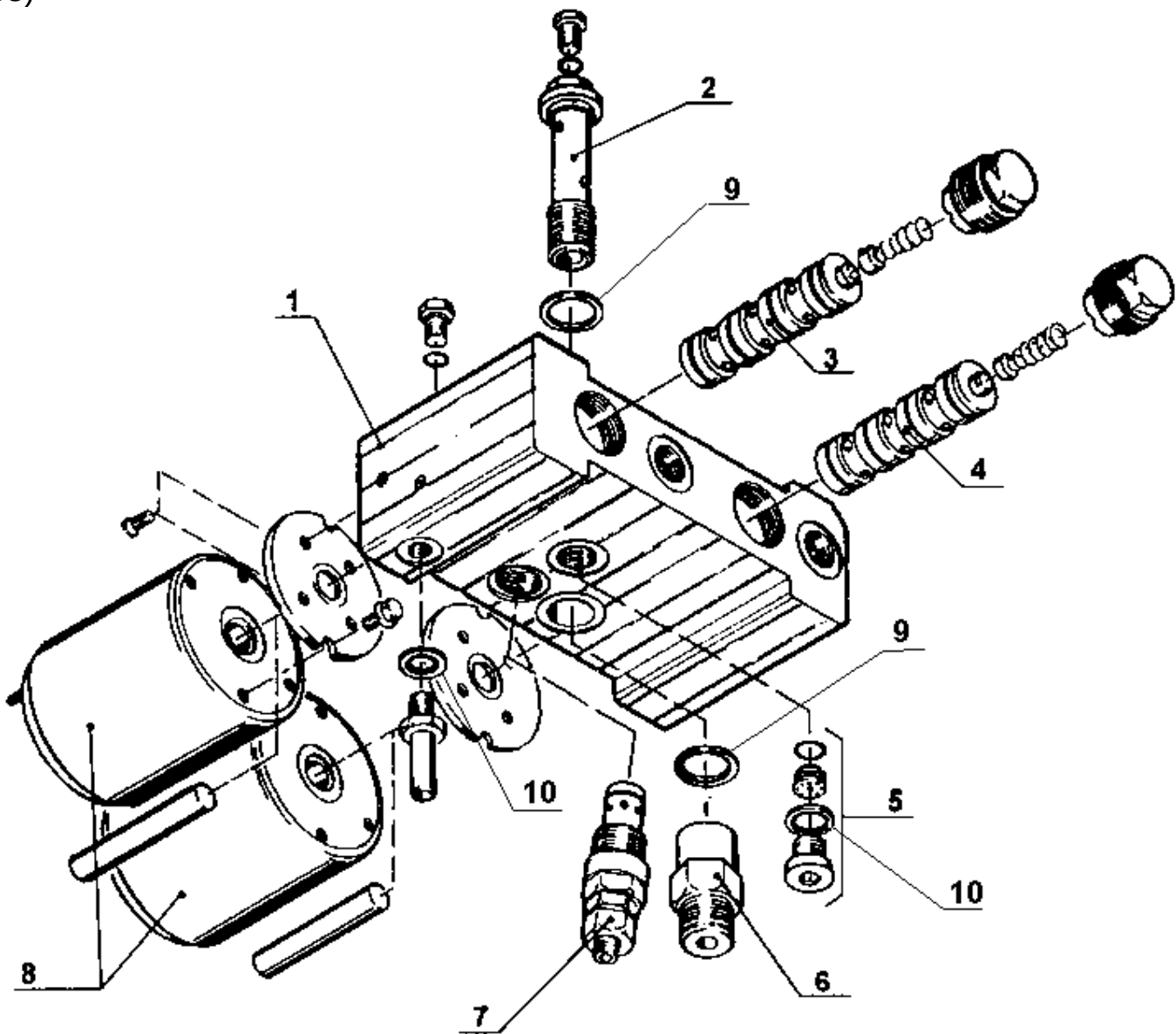
REVISED: 8-1-09
E.O. 6251
REV. 06

PM-256

ITEM	PART NUMBER	QTY	DESCRIPTION
1	75090136	1	Cover, Pump Box
2	75089959 ^A	3	Relay (12volt)
3	75090007	1	Relay Circuit Board
4	75090137	1	Hose, Complete
5	75090138	1	Hose, Complete
6	70093611	1	Hydraulic Pump
7	75090139	2	Lock
8	70093632	1	Electric Motor (12volt)
9	Z31120	1	Motor Brace
10	75090140	5	Rubber Collar
11	75089933	1	Heat Guard
12	75089904	1	Oil Drain Plug
13	75089958	1	Motor Solenoid
14	75090141	1	Filler Cap w/Dipstick
15	75090142	2	Connection Tube
16	75089902	2	Solenoid
17	75090144	1	Chassis w/Tank
18	75090047	1	Angle Nipple
19	75089885	2	Constant Flow Valve
20	75090145	1	Strain
21	75090146	1	Valve without Solenoid (See PM 416 for Components)
22	75090147	1	Cable Assembly
23	75090148	1	Motor Bracket

^A Included in Relay Replacement Kit 80000916.

GEN 1 RZ VALVE SYSTEM (For 14295002 Pump)
(Built 1-94 thru 1-03)



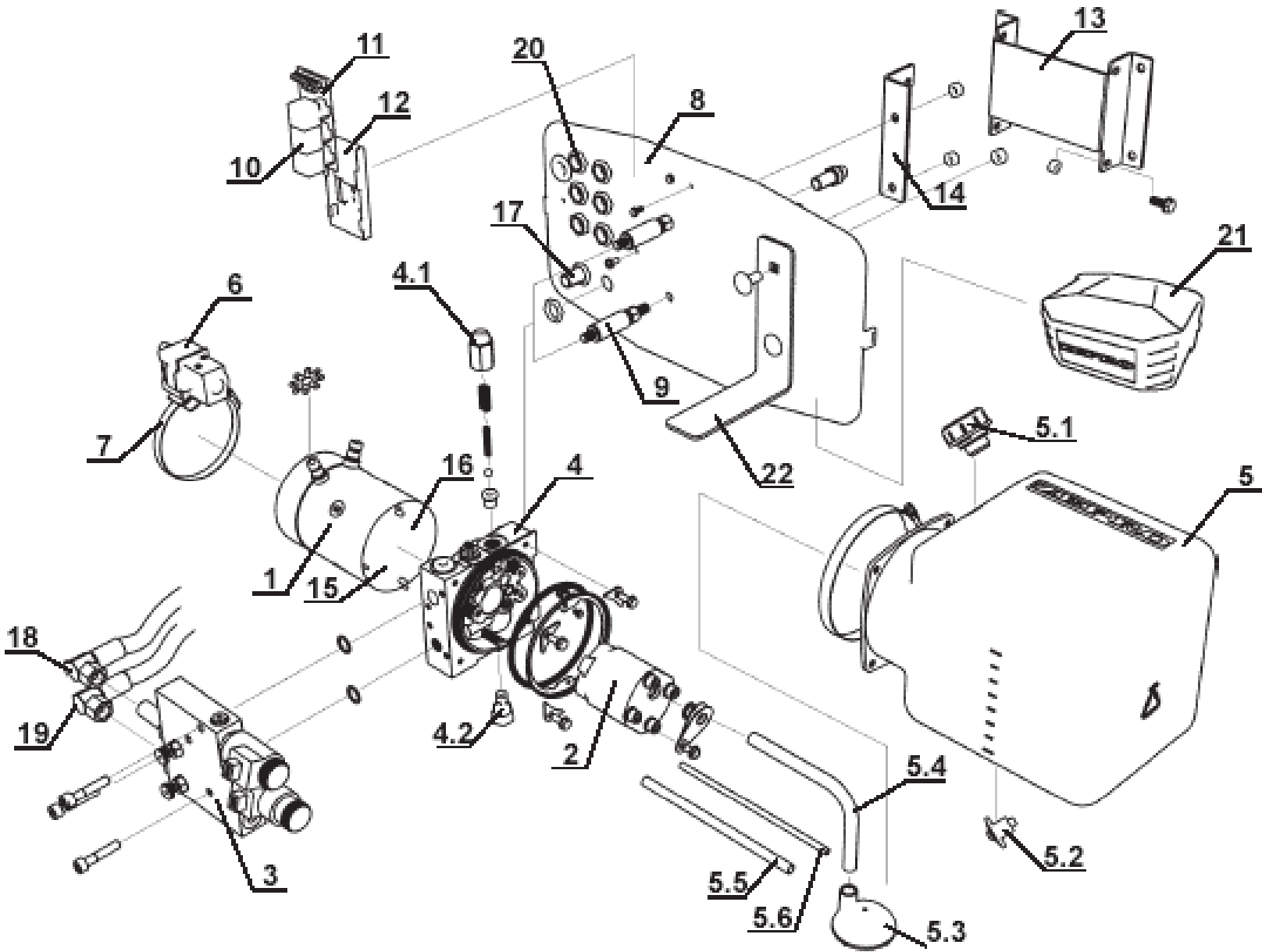
WALTCO
TRUCK EQUIPMENT CO.
RZ SERIES

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

PM-416

ITEM	PART NUMBER	QTY	DESCRIPTION
1	75090146	1	Valve Complete (Without Solenoids)
2	75090173	1	Swivel Joint
3	70091774	1	Lowering valve
4	70091773	1	Shift Valve
5	70091776	1	Reverse Valve
6	75090174	1	Pump Connector
7	70091775	1	Overflow Valve
8	75089902	2	Solenoid (12 volt)
9	75090167	2	Washer
10	75090168	2	Washer
---	75090035	2	Seal Kit for Valves 70091773 and 70091774

GEN 1 RZ HYDRAULIC PUMP UNIT (Z50310)
 (Built from 1-03)



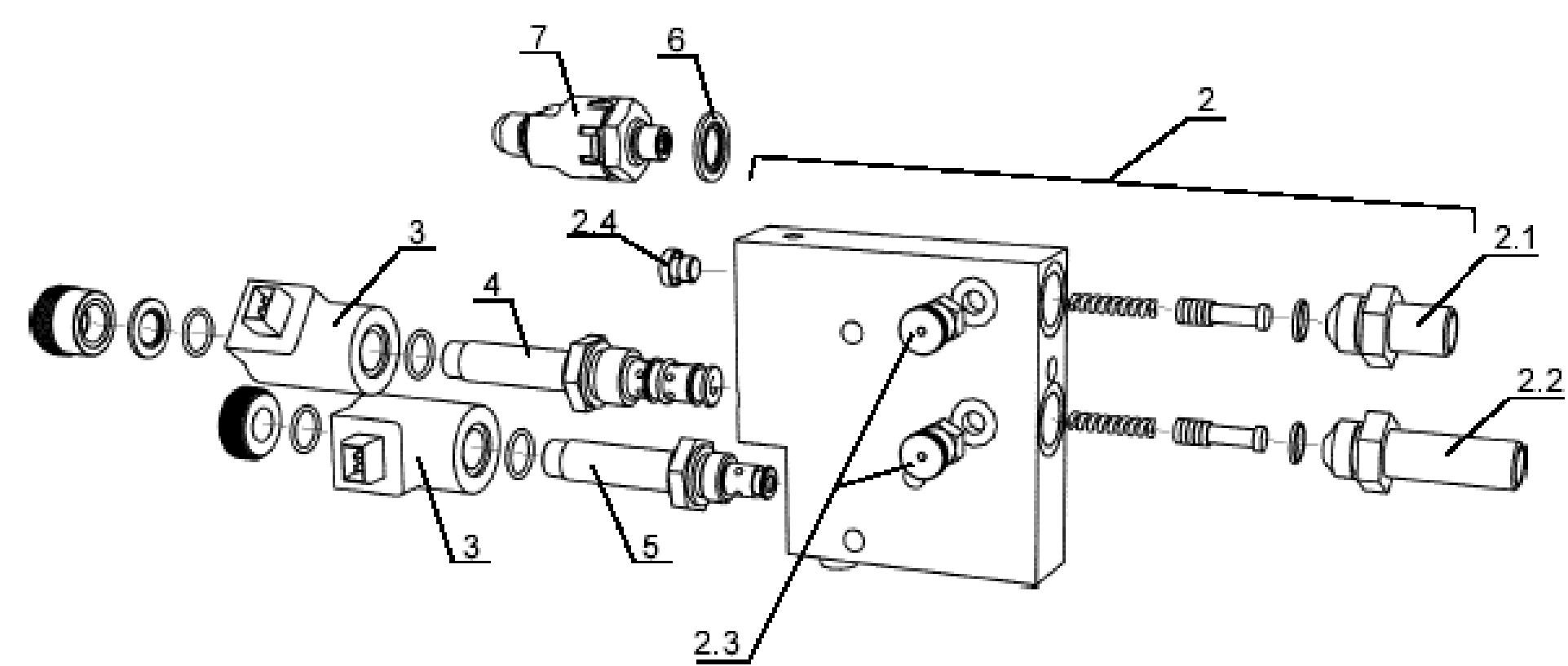
WALTCO
 TRUCK EQUIPMENT CO.
 RZ10, RZ-20

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

PM-633

ITEM	PART NUMBER	QTY	DESCRIPTION
	Z50310	1	Hydraulic Pump & Enclosure Complete
	75098366	1	Seal Kit for Pump
	75090004	1	Plastic Bag for Relays
1	Z32206	1	Motor, 12V
2	75098349	1	Pump Unit
3	-----	1	Valve System - See PM-638
4	75098351	1	Pump Manifold Block
4.1	75098352	1	Relief Valve
4.2	75098353	1	Check Valve
5	Z32261	1	Plastic Reservoir Kit
5.1	75098355	1	Breather Cap
5.2	75098356	1	Drain Plug
5.3	75098357	1	Pickup Tube Filter
5.4	Z32484	1	Pickup Tube
5.5	Z32482	1	Return Tube
5.6	Z32483	1	Return Tube
6	75089958	1	Starter Solenoid, 12V
7	75098358	2	Brace
8	Z50294	1	Leading-in Plate
9	75098360	2	Spacer Bolt
10	75089959	3	Relay, 12V
11	75090007	1	Circuit Card
12	75098361	1	Circuit Card Bracket
13	Z50297	1	Bracket
14	Z50296	2	Angle Bracket
15	75098364	1	Brush Kit, 12V
16	75098365	1	Heat Guard
17	Z31834	2	Adapter
18	Z21996	1	Hydraulic Hose (210mm Long)
19	Z21997	1	Hydraulic Hose (190mm Long)
20	75098345	5	Strain Relief
21	Z50726	1	Pump Cover
22	Z50295	1	Reservoir Bracket

GEN 1 RZ VALVE SYSTEM (Used on Z50310)
(Built from 1-03)



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TRUCK EQUIPMENT CO.
RZ-10, RZ-20

REVISED: 9-1-04
E.O. 5221F
REV. 02

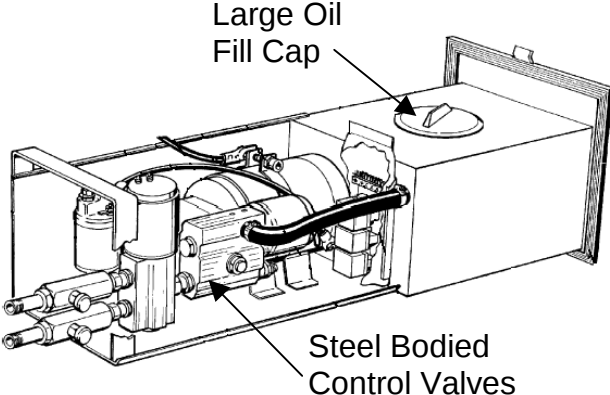
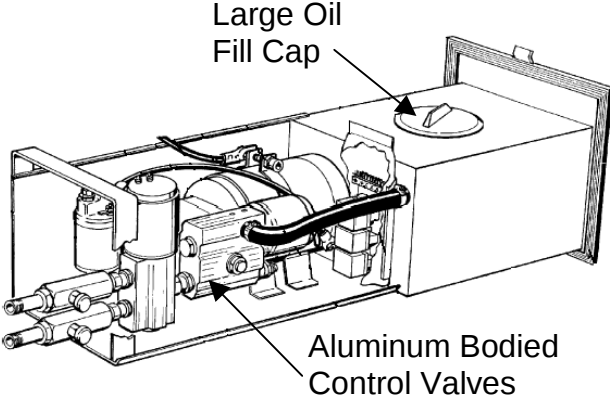
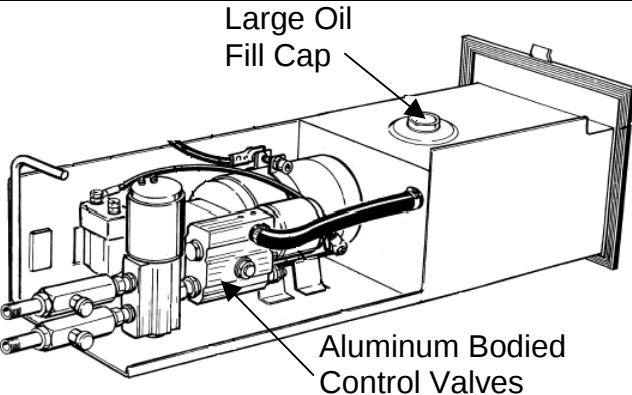
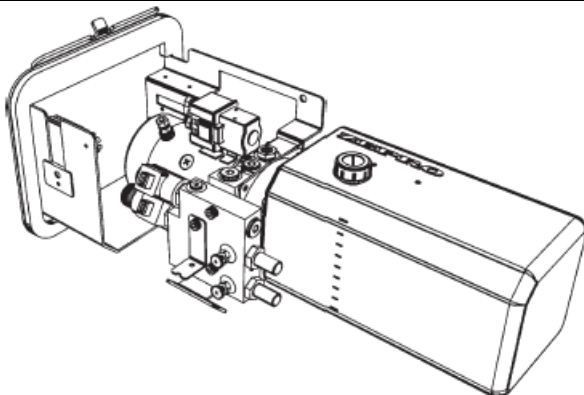
PM-638

ITEM	PART NUMBER	QTY	DESCRIPTION
	75098372	1	Seal kit for Shift Valve
	75098373	1	Seal Kit for Lowering Valve
1	Z32262	1	Valve System Complete (Does not include Pressure Switch)
2	Z32241	1	Valve Housing
2.1	Z32352	1	Adapter for Flow Valve
2.2	Z32351	1	Adapter for Flow Valve
2.3	75090037	2	Adjusting Screw w/ Washer
2.4	75098368	1	Plug
3	Z21622	2	Solenoid, 12V
4	75098369	1	Shift Valve (Does not include Solenoid)
5	Z21620	1	Lowering Valve (Does not include Solenoid)
6	75098371	1	Seal Washer
7	Z21792	1	Pressure Switch

LEVEL LIFT HYDRAULICS & CONTROLS - Generation 1 - BZ Series

(Prior to 3-31-04 - See note below)

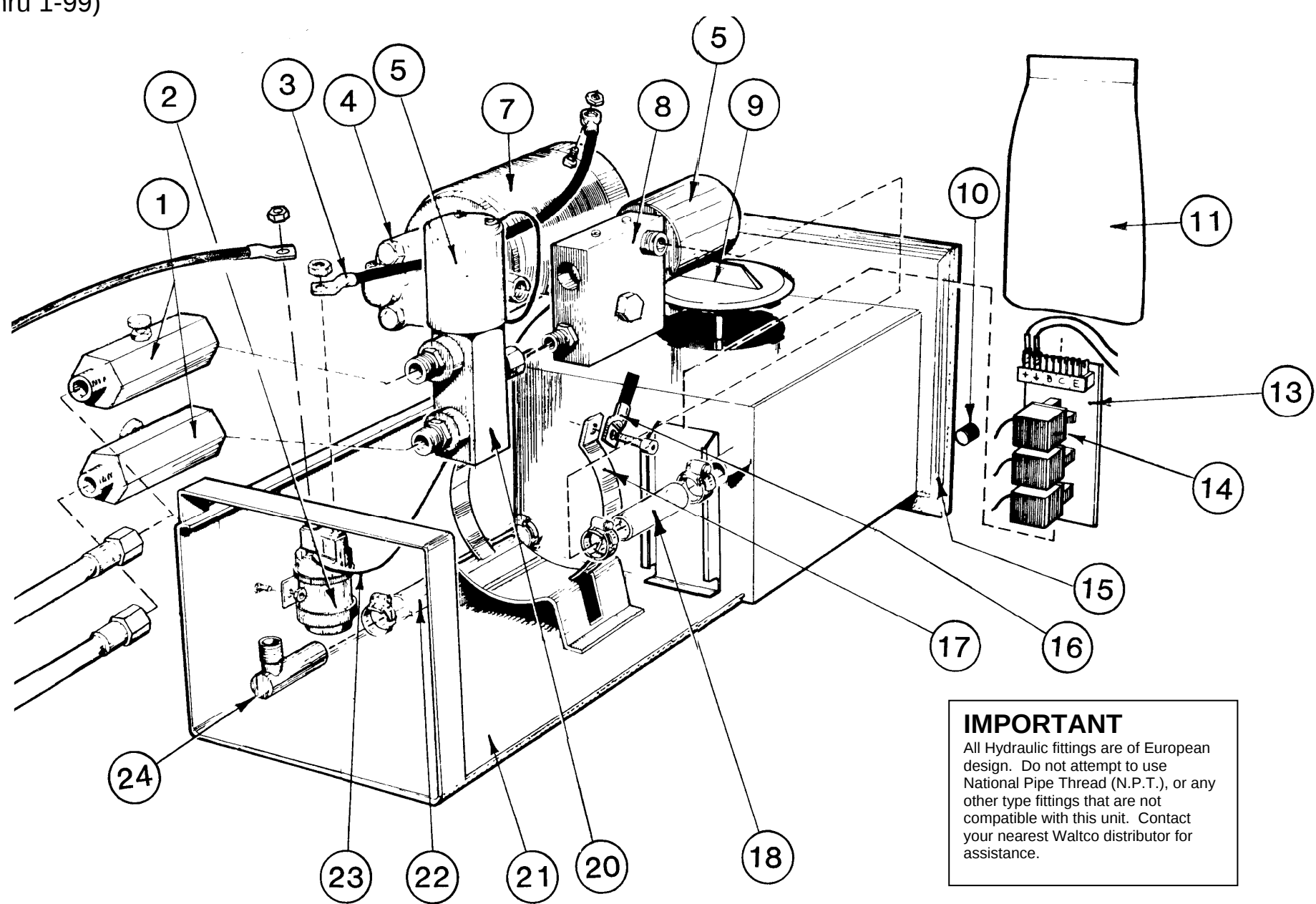
Note: For assistance on how to tell which Generation (1, 2, or 3) Level Lift you have, refer to the diagrams on these pages and the [Liftgate Terminology](#) section at the beginning of this document.

 Large Oil Fill Cap Steel Bodied Control Valves	 Large Oil Fill Cap Aluminum Bodied Control Valves	
Built prior to 1-92	Built from 1-92 thru 6-99	
 Large Oil Fill Cap Aluminum Bodied Control Valves		
Built from 6-99 thru 3-01	Built from 3-01	
Common Features • Electric Push-Button controls • Pump in Slide Tray in Curb side of Mount Tube Assembly		
	BZ-15	BZ-20
Hydraulic Layout	PM-246	PM-250 Built prior to 3/00 PM-250A Built after 3/00
Pump	PM-245 Built prior to 6-99 PM-504 Built from 6-99 thru 3-01 PM-634 Built from 3-01	PM-245 Built prior to 6-99 PM-504 Built from 6-99 thru 3-01 PM-634 Built from 3-01
Switches & Controls	PM-248A	PM-248A
Lift Cylinder	PM-497	PM-499
Tilt Cylinder	PM-498	PM-500

80101108 Rev. 04 8-09

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

GEN 1 BZ ELECTRO HYDRAULIC LAYOUT - PUMP (14395001)
 (Built thru 1-99)



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 TRUCK EQUIPMENT CO.
 BZ-15 & BZ-20

REVISED: 4-1-05
 E.O. 5221G
 REV. 08

PM-245

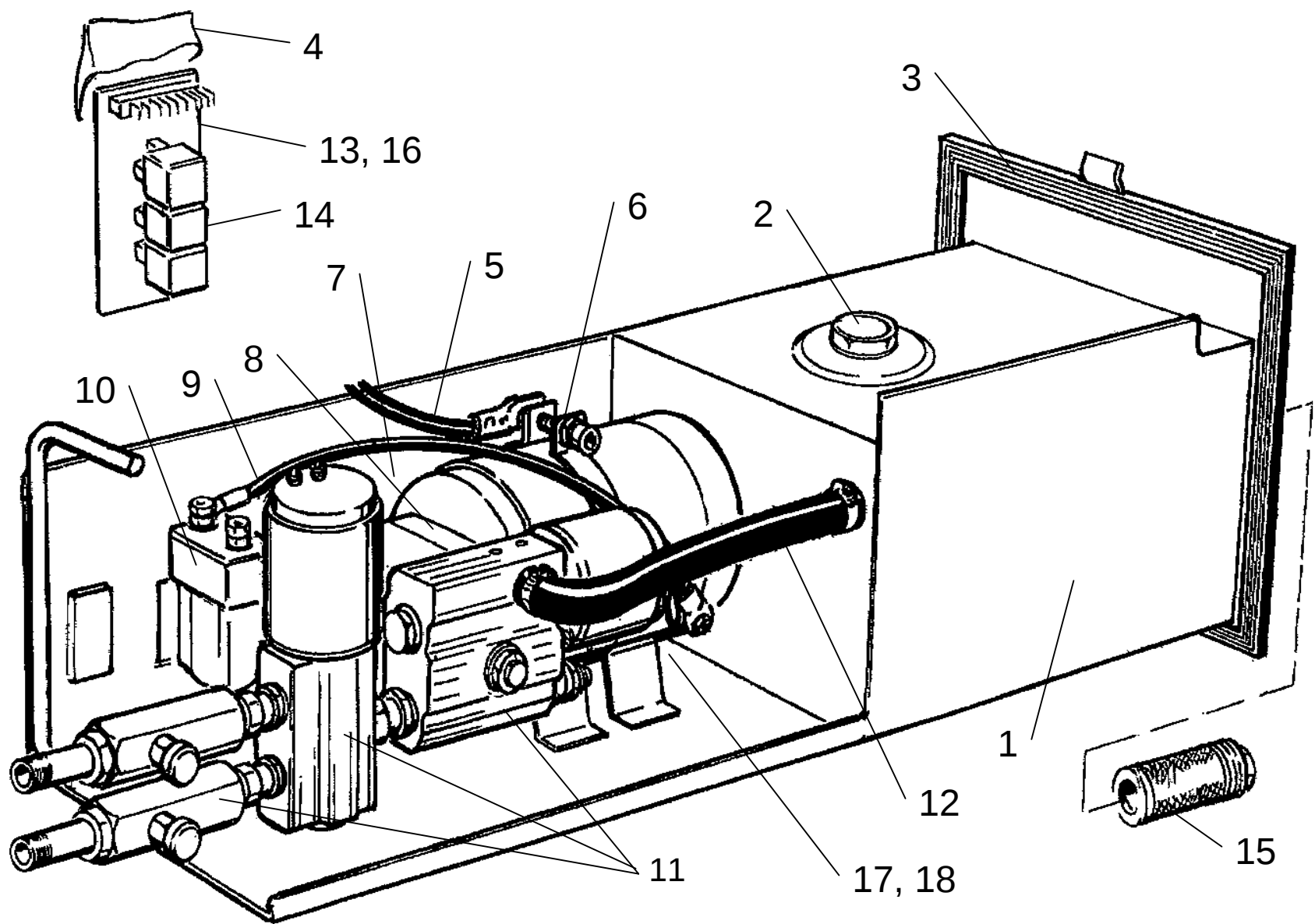
ITEM	PART NUMBER	QTY	DESCRIPTION
1	75089885	2	Constant Flow Control Valve
2	75089958	1	Motor Solenoid
3	75089894	1	Cable Assembly
4	70093611	1	Hydraulic Pump Only
5	75089902	2	Solenoid
7	70093632	1	Motor Only
8	75090002 ^A	1	Valve without Solenoid
9	75089901	1	Filler Cap w/ Dipstick (Old Style – Large)
10	75089904	1	Oil Drain Plug
11	75090004	1	Vinyl Protective Cover
13	75090007	1	Rely Circuit Board
14	75089959	3	Relay
15	75089930	1	Gasket
16	75089900	1	Ground Cable
17	Z31120	1	Clamp
18	Z31118	1	Hose Assembly Complete
20	75090003 ^A	1	Valve without Solenoid
21	70093463	1	Chassis with Tank
22	75089890	1	Hose Assembly Complete
23	75089933	1	Motor Overload Sensor
24	75090047	1	90° Elbow
25	75089889	2	3/8" I.D. Hose Assembly
26	75089918	1	Leading-In Plate
27	75089984	1	3-Conductor Control Wire
28	75089893	4	1/4" I.D. Hose Assembly
29	75090024	4	Hose Clip
31	75090165	2	Strain Relief
32	75089977	1	Battery Cable
33	75089916	2	Tee with Nut
---	75090035	2	Seal Kit for Valves 75090002 and 75090003

Notes:

When ordering a complete replacement pump & enclosure, use part number Z50170.

^A Pumps built prior 12-92 used Steel Bodied valves. Pumps built after 12-92 used Aluminum Bodied Valves. These Aluminum Bodied replacement valves will work as direct replacements for all versions.

GEN 1 BZ HYDRAULIC PUMP UNIT (14395002)
 (Built 6-99 thru 3-01)



WALTCO
 TRUCK EQUIPMENT CO.
 BZ Series

REVISED: 9-1-04
 E.O. 5221F
 REV. 05

PM-504

ITEM	PART NUMBER	QTY	DESCRIPTION
1	75098340	1	Drawer w/Reservoir
2	75098341	1	Filler Cap w/Dip Stick
3	75089930	1	Gasket
4	75090004	1	Vinyl Protective Cover
5	75098339	1	Ground Cable
6	Z31120	1	Motor Clamp
7	70093632	1	Motor
8	70093611	1	Pump
9	75089894	1	Motor Cable
10	75089958	1	Motor Solenoid
11	-----		See PM-505 for Valve Components
12	Z31118	1	Return Hose
13	75090007	1	Relay Circuit Card
14	75089959 ^A	3	Relay
15	75090175	1	Oil Drain Plug w/Strainer
16	75098361	1	Bracket for Circuit Card
17	75089890	1	Hose Assembly Complete
18	75090047	1	90° Elbow

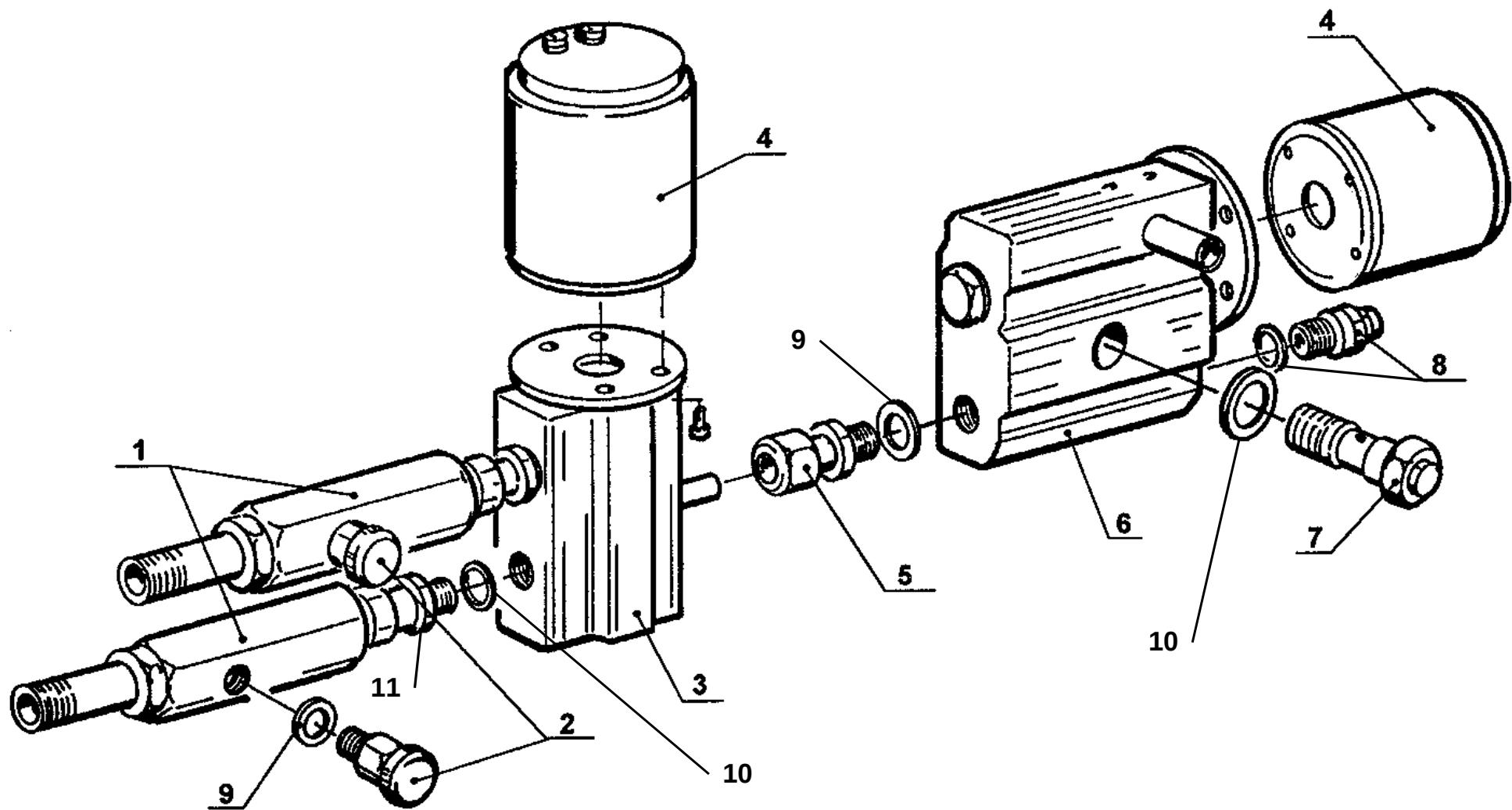
NOTE: When ordering a complete replacement pump & enclosure, use part number Z50170.

^A Included in Relay Replacement Kit 80000916.

IMPORTANT

All Hydraulic fittings are of European design. Do not attempt to use National Pipe Thread (N.P.T.), or any other type fittings that are not compatible with this unit. Contact your nearest Waltco distributor for assistance.

GEN 1 BZ HYDRAULIC VALVES
(Built 6-99 thru 3-01)



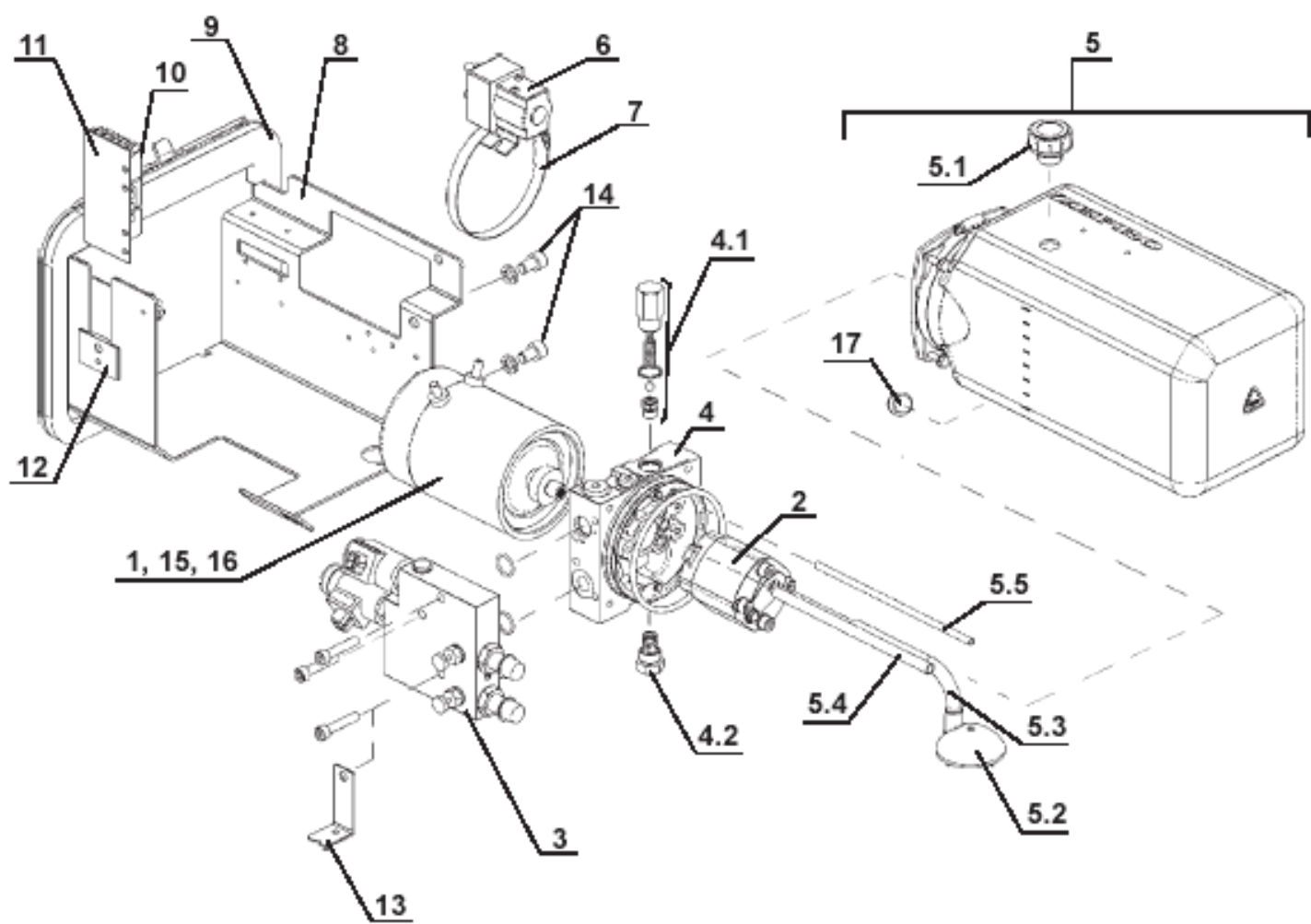
WALTCO
TRUCK EQUIPMENT CO.
BZ Series

REVISED: 2-1-06
E.O. 5221G
REV. 02

PM-505

ITEM	PART NUMBER	QTY	DESCRIPTION
1	75089885	2	Flow Control Valves (Complete)
2	75090037	2	Adjusting Screw
3	75090003	1	Shift Valve
4	75089902	2	Solenoid (12 volt)
5	75098338	1	Adapter
6	75090002	1	Lowering Valve
7	75090173	1	Connector Swivel Joint
8	70091775	1	Relief Valve
9	75090168	2	Washer
10	75090167	3	Washer
11	75090109	2	Connector
---	75090035	2	Seal Kit for Valves 75090002 and 75090003

GEN 1 BZ HYDRAULIC PUMP UNIT (Z50170)
(Built from 3-01)



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BZ-15, BZ-20

REVISED:8-1-09

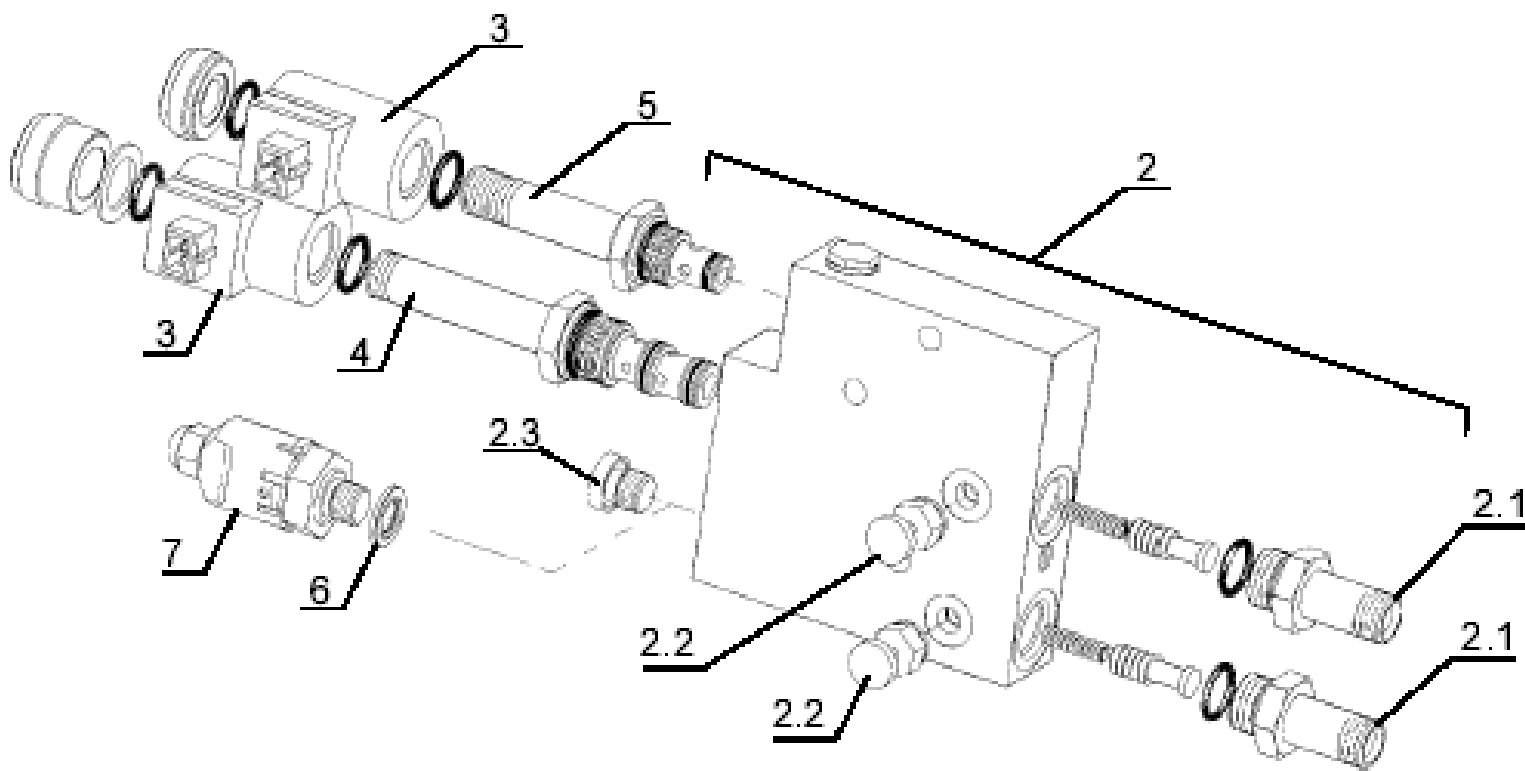
E.O.6251

REV.03

PM-634

ITEM	PART NUMBER	QTY	DESCRIPTION
	Z50170	1	Hydraulic Pump & Enclosure Complete
	75098366	1	Seal Kit for Pump
	75090004	1	Plastic Bag for Relays
1	Z32206	1	Motor
2	75098349	1	Pump Unit
3	-----	1	Valve System - See PM-639
4	75098351	1	Pump Manifold Block
4.1	75098352	1	Relief Valve
4.2	75098353	1	Check Valve
5	75098354	1	Plastic Reservoir Kit
5.1	75098355	1	Breather Cap
5.2	75098357	1	Pickup Tube Filter
5.3	Z32481	1	Pickup Tube
5.4	Z32482	1	Return Tube
5.5	Z32483	1	Return Tube
6	75089958	1	Starter Solenoid, 12V
7	75098358	2	Brace
8	75098359	1	Bracket
9	Z32219	1	Gasket
10	75089959	3	Relay, 12V
11	75090007	1	Circuit Card
12	75098361	1	Circuit Card Bracket
13	75098362	1	Holder Cable
14	75098363	2	Screw
15	75098364	1	Brush Kit, 12V
16	75098365	1	Heat Guard
17	75098356	1	Drain Plug

GEN 1 BZ VALVE SYSTEM (Used on Z50170)
(Built from 3-01)



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TRUCK EQUIPMENT CO.
BZ-15, BZ-20

REVISED: 2-1-04
E.O. 5221A
REV. 01

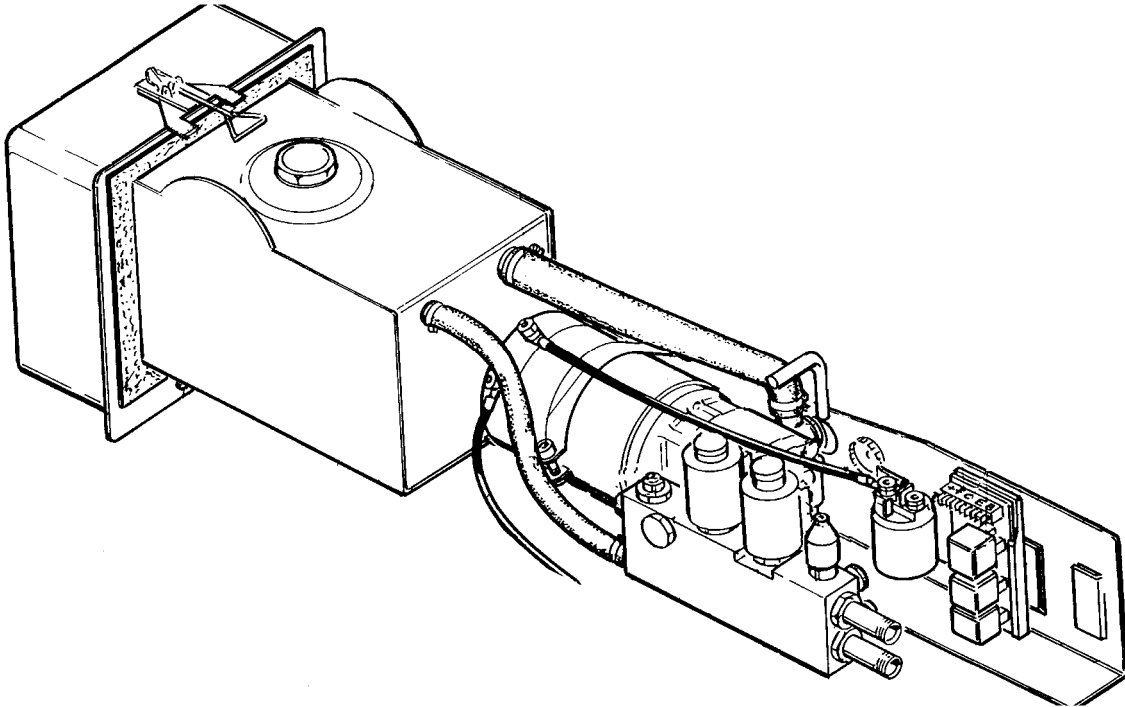
PM-639

ITEM	PART NUMBER	QTY	DESCRIPTION
	75098372	1	Seal kit for Shift Valve
	75098373	1	Seal Kit for Lowering Valve
1	75098350	1	Valve System Complete (Does not include Pressure Switch)
2	75098367	1	Valve Housing
2.1	Z31123	2	Adapter for Flow Valve
2.2	75090037	2	Adjusting Screw w/ Washer
2.3	75098368	1	Plug
3	Z21622	2	Solenoid, 12V
4	75098369	1	Shift Valve (Does not include Solenoid)
5	Z21620	1	Lowering Valve (Does not include Solenoid)
6	75098371	1	Seal Washer
7	Z21792	1	Pressure Switch

LEVEL LIFT HYDRAULICS & CONTROLS - Generation 2 - BZ Series

(Built 11-02 thru 9-04 – See note below)

Note: For assistance on how to tell which Generation (1, 2, or 3) Level Lift you have, refer to the diagrams on these pages and the [Liftgate Terminology](#) section at the beginning of this document.



Common Features

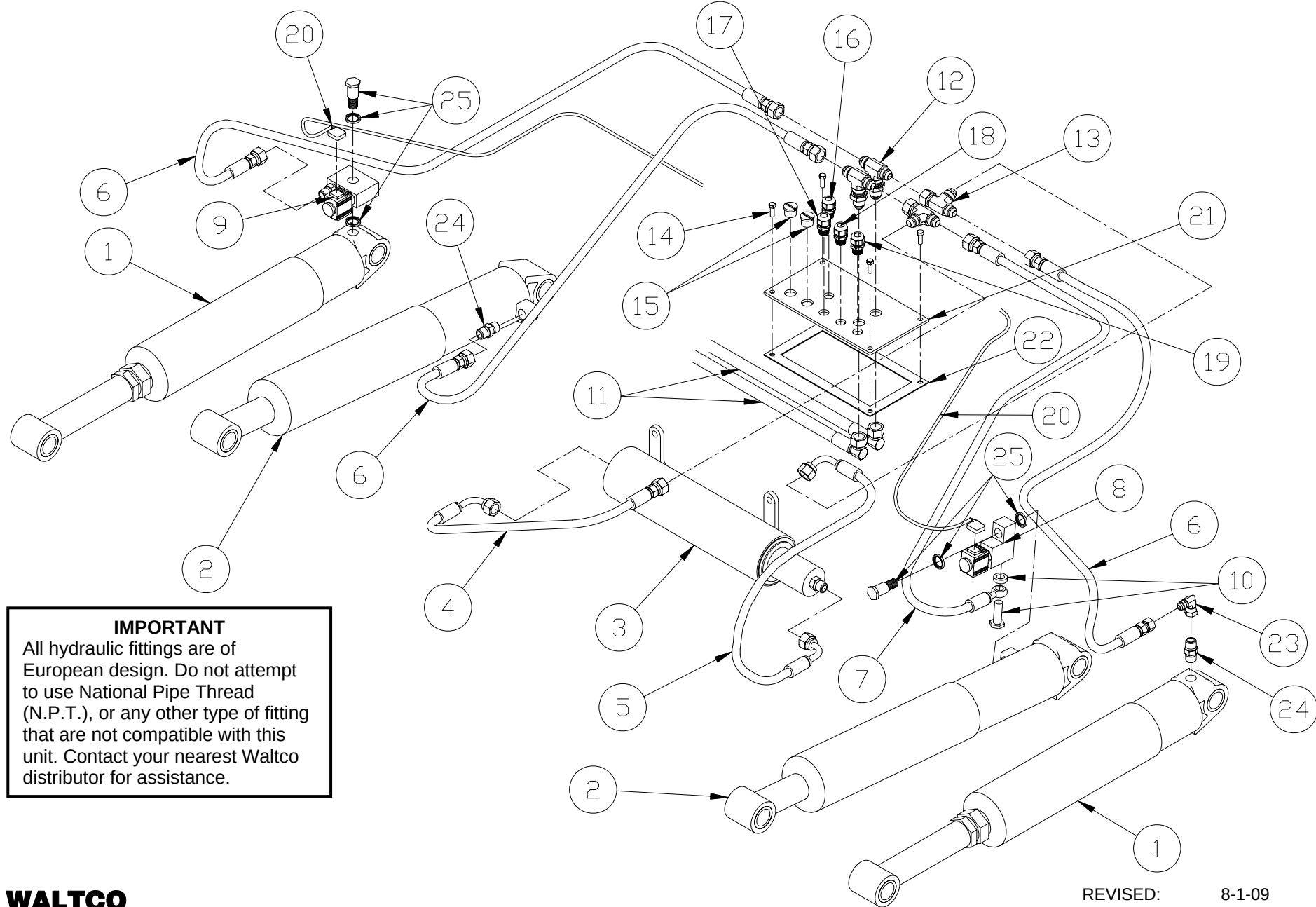
- Electric Push-Button controls
- Auto-Tilt System for platform (thru 12-05)
- Pump in Slide Tray in Curb side of Mount Tube Assembly

	BZ-22, 33, 44
Hydraulic Layout	PM-590
Pump	PM-588
Switches & Controls	PM-248A
Lift Cylinder	PM-635
Tilt Cylinder	PM-636
Auto-Tilt Cylinder	PM-637

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

GEN 2 BZ HYDRAULIC LAYOUT & COMPONENTS
(All Years)



IMPORTANT
All hydraulic fittings are of European design. Do not attempt to use National Pipe Thread (N.P.T.), or any other type of fitting that are not compatible with this unit. Contact your nearest Waltco distributor for assistance.

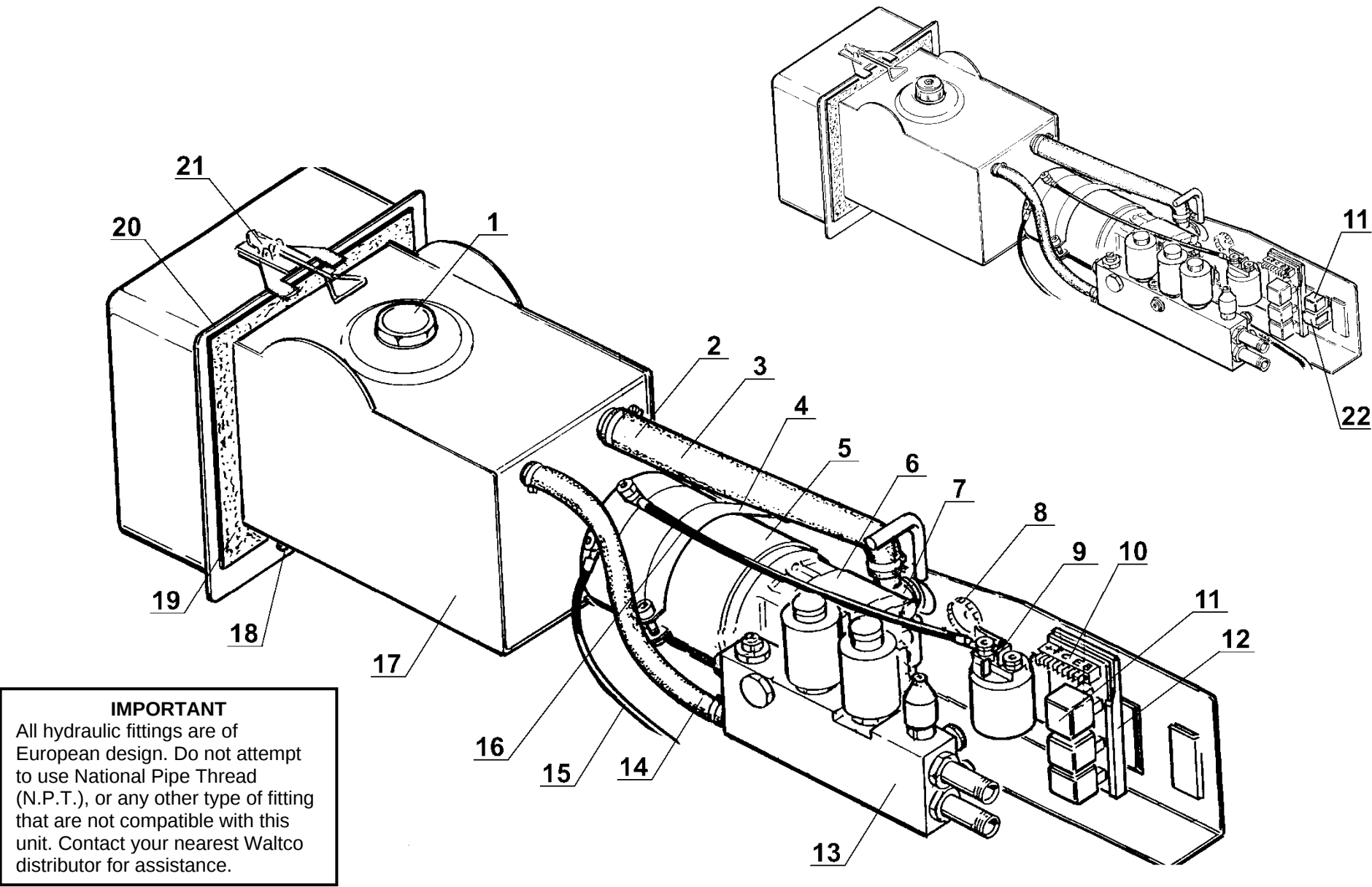
WALTCO
TRUCK EQUIPMENT CO.
BZ-22, 33, 44

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

PM-590

ITEM	PART NUMBER	QTY	DESCRIPTION
1	Z69702	2	Tilt cylinder, 29 ½" arm length (complete)
	Z69703	2	Tilt cylinder, 34 ¼" arm length (complete)
2	Z68541	2	Lifting cylinder (complete)
3	Z67771	1	Auto-Tilt Cylinder
4	Z21749	1	Hose Assembly (Auto-Tilt to Lift)
5	Z21748	1	Hose Assembly (Auto-Tilt to Tilt)
6	Z21377	3	Hose Assembly (Tilt Cylinder - Both Sides; Lift Cylinder - Street Side)
7	Z21645	1	Hose Assembly (Lift Cylinder - Curb Side)
8	Z67189	1	Lock Valve Complete (Lift Cylinder)
9	Z67177	1	Lock Valve Complete (Tilt Cylinder)
10	Z31174	1	Swivel Valve
11	Z21466	2	Hose Assembly (Adapter Plate to Pump)
12	75089916	2	T-coupling with nut
13	Z67898	2	Tee (For Auto-Tilt Hoses)
14	75098347	4	Adapter Plate Mounting Screw
15	75098343	3	Plug
16	75098345	1	Strain Relief (Control Wires)
17	Z21606	1	Strain Relief (Lock Valve Wires)
18	75098335	1	Strain Relief (Battery Cable)
19	75098345	1	Strain Relief (Ground Cable)
20	Z66652	2	Lock Valve Control Harness
21	Z67006	1	Adapter Plate
22	Z66667	1	Adapter Plate Gasket
23	75090171	2	Elbow fitting
24	Z31132	2	Velocity Fuse Valve
25	Z31845	2	Swivel Valve

GEN 2 BZ HYDRAULIC PUMP UNIT (Z64308)
(All Years)



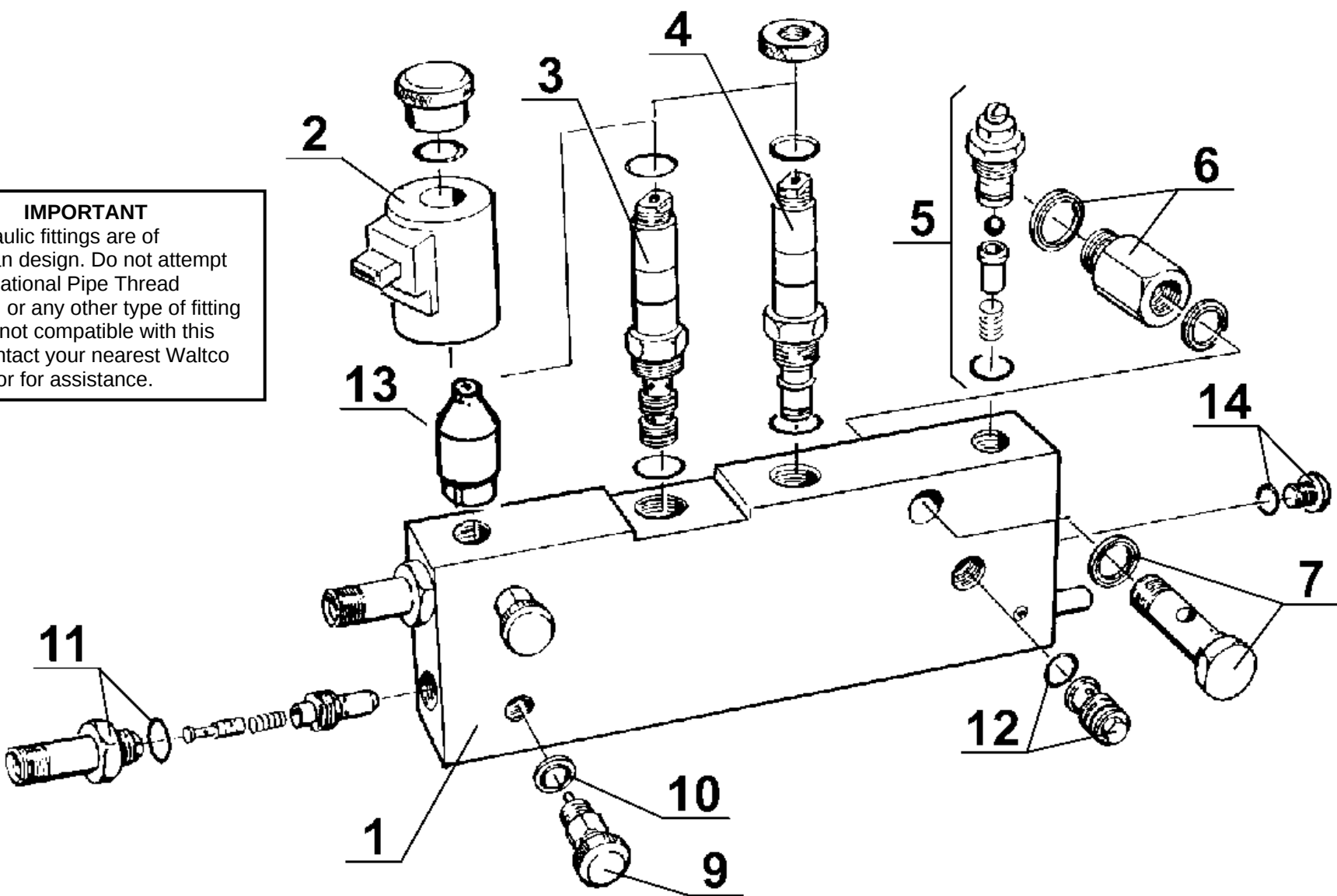
WALTCO
TRUCK EQUIPMENT CO.
BZ-22, 33, 44

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

PM-588

ITEM	PART NUMBER	QTY	DESCRIPTION
-	Z64308	1	Hydraulic pump unit (complete)
1	75098355	1	Filter cap with dipstick
2	Z64302	1	Filter
3	Z31125	1	Hose
4	70093354	1	Motor brace
5	70093632	1	Electric motor 12V
6	70093611	1	Pump P13
7	Z64301	1	L connector
8	Z21457	1	Ground plate
9	75089958	1	Switch 12V
10	75090007	1	Circuit card
11	75089959	3	Relay 12V
12	75098361	1	Bracket for circuit card
13	Z31854	1	Valve system S 12 volt
14	75089891	1	Hose
15	Z64359	1	Ground cable
16	75089894	1	Electric cable
17	Z32036	1	Chassis with tank
18	Z31841	1	Oil drain plug
19	Z32035	1	Sealing
20	Z21493	1	Edge list
21	Z32037	1	Lock
22	Z21496	1	Relay Socket
-	75089933	1	Heat guard for motor

GEN 2 BZ-22, 33, 44 VALVE SYSTEM (Used on Z64308)
(All Years)



WALTCO
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BZ-22, 33, 44

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

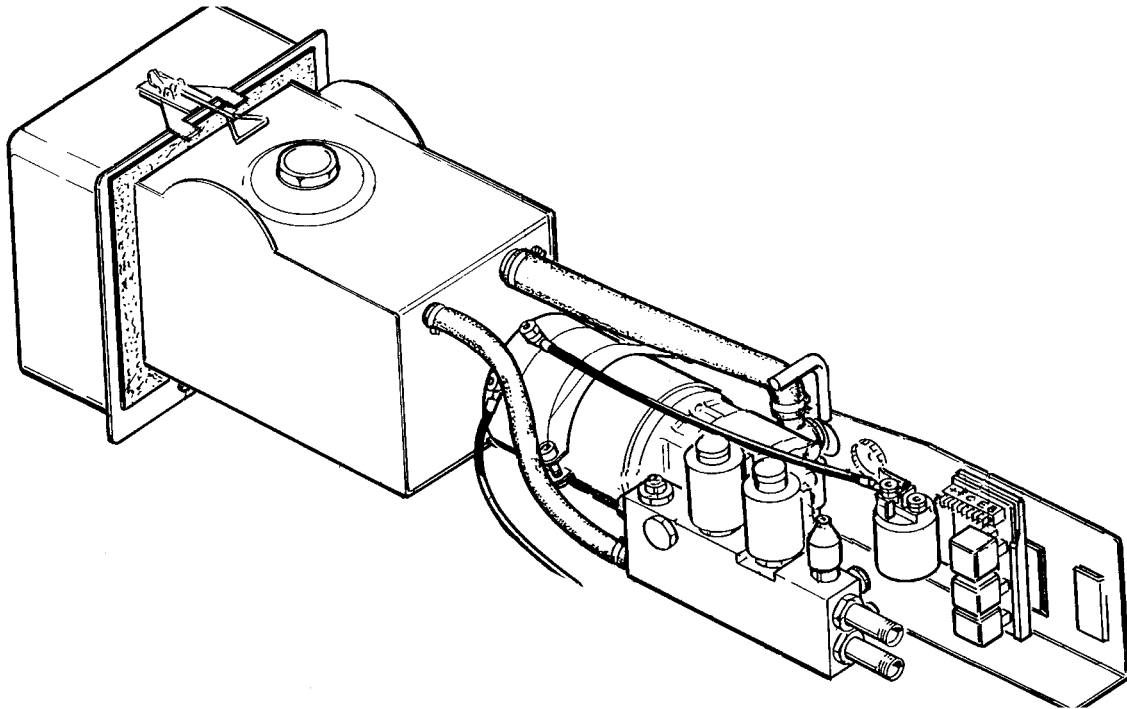
PM-589

ITEM	PART NUMBER	QTY	DESCRIPTION
-	Z31854	1	Valve system 12 volt
1	Z31858	1	Valve housing
2	Z21622	2	Magnet 12V
3	75098369	1	Shift valve excl. magnet
4	Z21620	1	Lowering valve excl. magnet
5	Z31860	1	Over flow valve
6	Z31151	1	Pump connection BZ
7	75090173	1	Swivel joint
9	75090037	2	Adjusting screw incl. Washer
10	75098371	2	Washer
11	Z31123	2	Adapter for constant flow valve
12	Z31861	1	Clack valve
13	Z21837	1	Pressure Switch
14	75098368	1	Plug

LEVEL LIFT HYDRAULICS & CONTROLS - Generation 2 - WZ Series

(Built 5-00 thru 9-04 – See note below)

Note: For assistance on how to tell which Generation (2 or 3) WZ liftgate you have, refer to the diagrams on these pages and the [Liftgate Terminology](#) section at the beginning of this document.



Common Features

- * Electric Push-Button controls
- * Auto-Tilt System for platform
- * Pump in Slide Tray in Curb side of Mount Tube Assembly

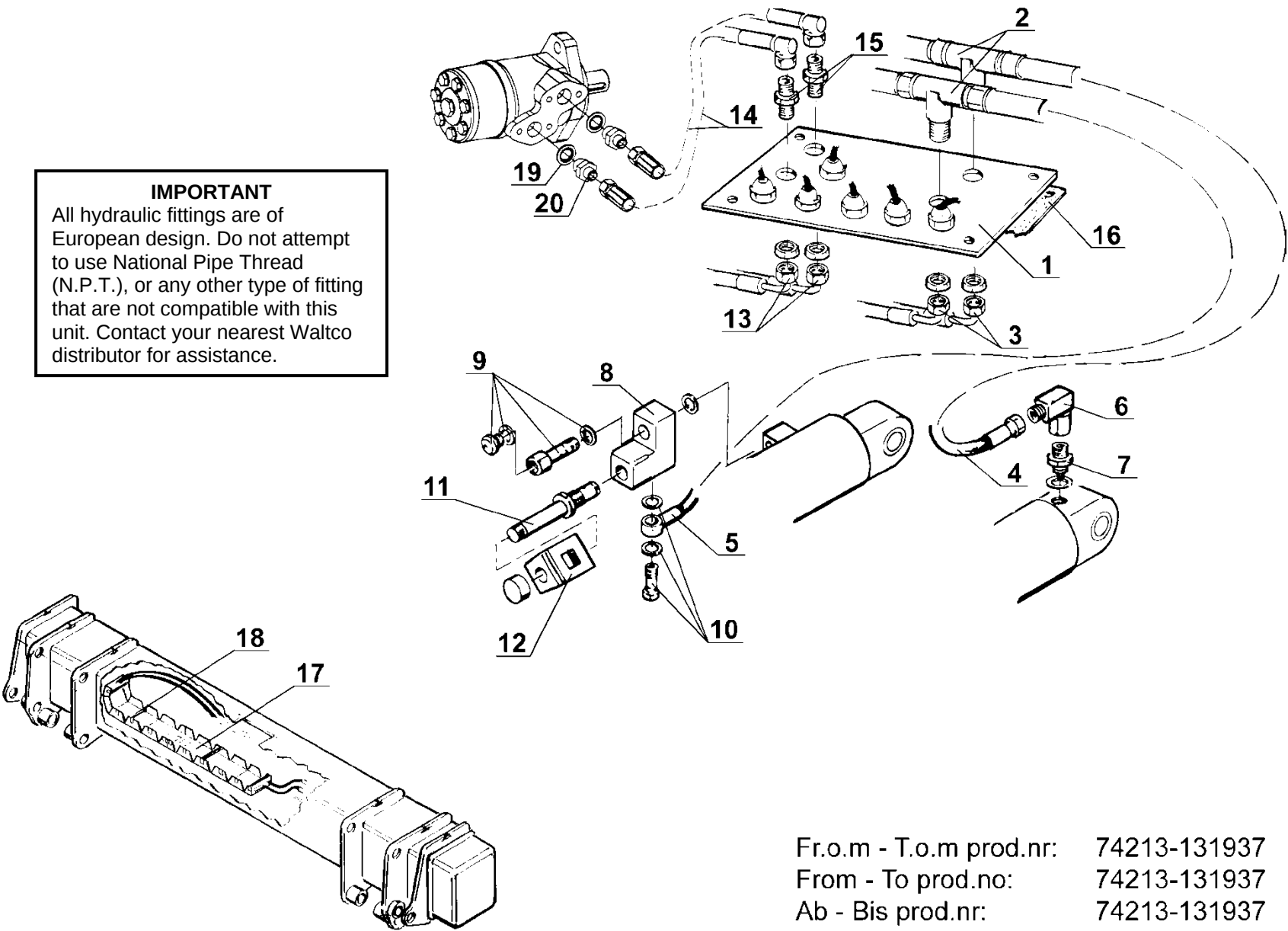
	WZ-44
Hydraulic Layout	PM-600
Pump	PM-601
Valves	PM-602
Switches & Controls	Main Controls PM-603 Foot Controls PM-605
Lift Cylinder	PM-635
Tilt Cylinder	PM-812
Auto-Tilt Cylinder	PM-637

80101108 Rev. 04 8-09

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

GEN 2 WZ HOSES
 (All Years)

IMPORTANT
 All hydraulic fittings are of European design. Do not attempt to use National Pipe Thread (N.P.T.), or any other type of fitting that are not compatible with this unit. Contact your nearest Waltco distributor for assistance.



Fr.o.m - T.o.m prod.nr: 74213-131937
 From - To prod.no: 74213-131937
 Ab - Bis prod.nr: 74213-131937

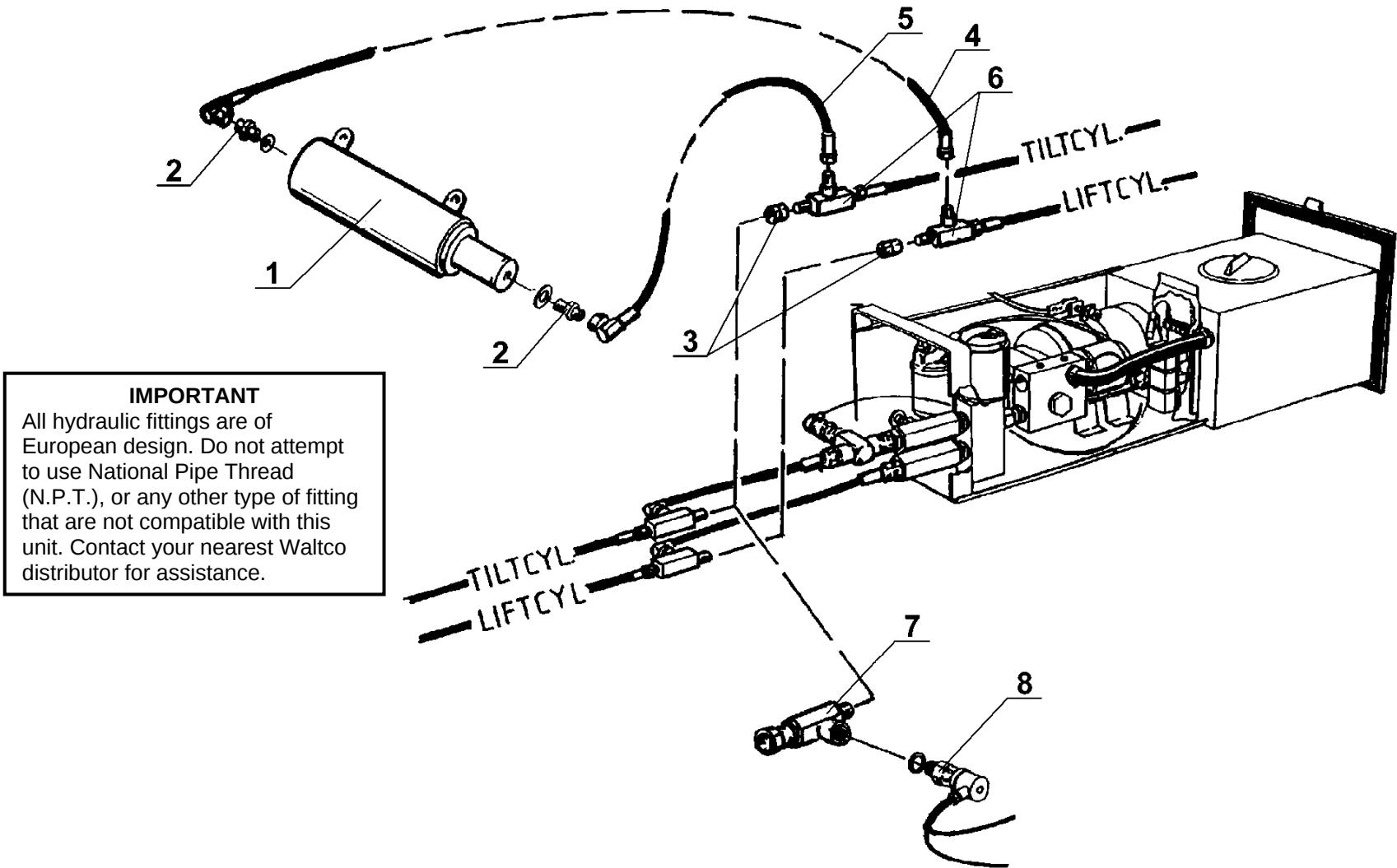
WALTCO LIFT CORP.
 WZ-44

REVISED: 8-7-03
 E.O. 5150
 REV. 01

PM-600

ITEM	PART NUMBER	QTY	DESCRIPTION
1	Z68940	1	Leading-in plate
2	75089916	2	T-coupling with nut
3	Z21838	2	Hydraulic hose 3/8" L=64"
4	Z21432	2	Hydraulic hose 1/4" L=58"
5	Z21652	2	Hydraulic hose 1/4" L=58"
6	75090171	2	Elbow fitting
7	70093015	2	Safety valve with washer
8	Z66752	2	Valve housing
9	Z31133	2	Swivel valve
10	Z31174	2	Swivel valve.
11	Z21328	2	Valve without magnet
12	Z21663	2	Magnet 12V
13	Z21799	2	Hydraulic hose 1/4" L=59"
14	Z21209	2	Hydraulic hose 1/4" L=25 ½"
15	Z21498	2	Adapter
16	Z67512	1	Sealing
17	Z21694	1	Cable steering
18	Z21695	2	Strap
19	Z20707	2	Washer
20	Z21665	2	Adapter

GEN 2 WZ AUTO TILT
(All Years)



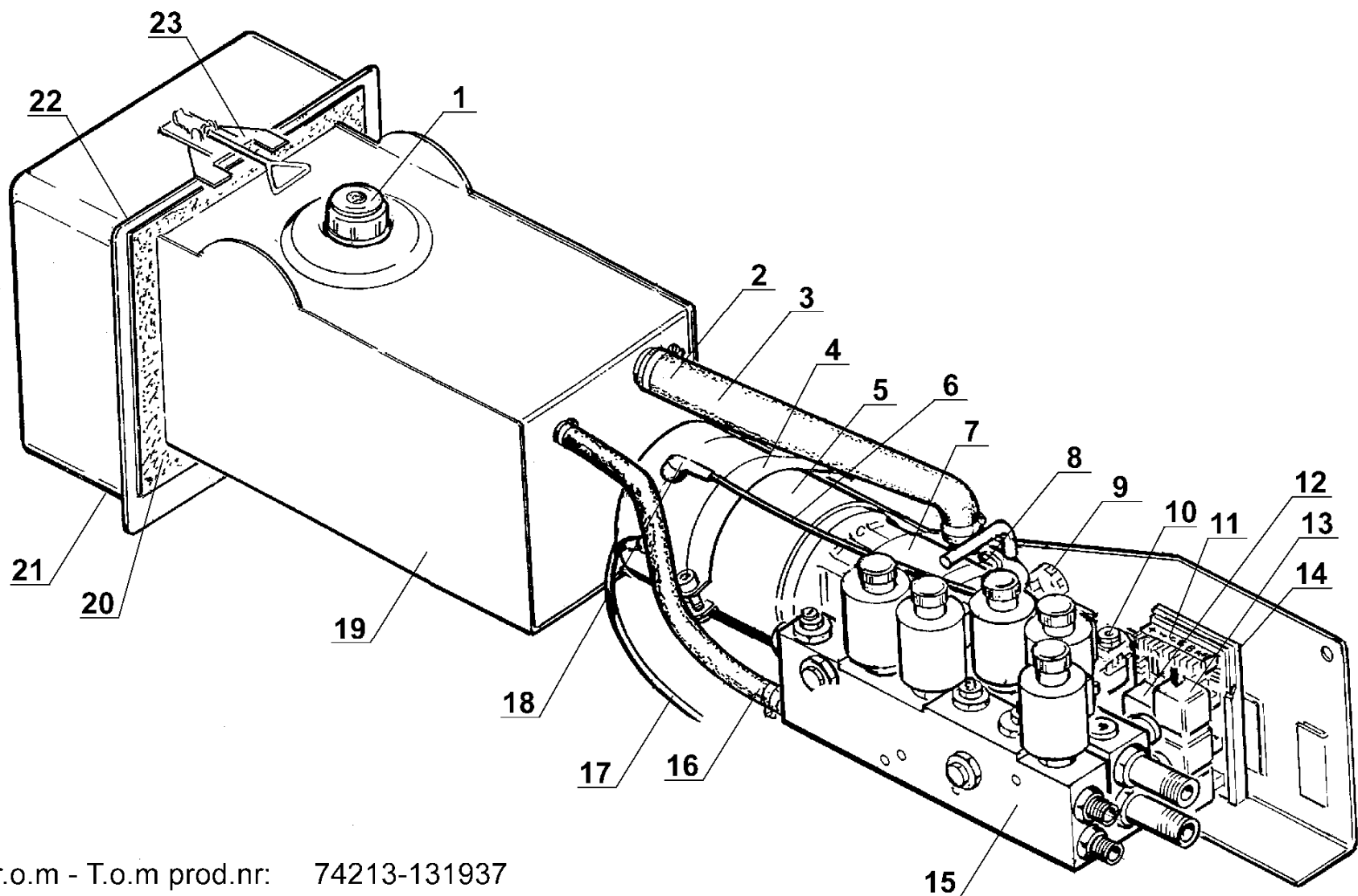
WALTCO LIFT CORP.
BZ-22, 33, 44, WZ-44

REVISED: 5-29-03
E.O. 5083
REV. 02

PM-591

ITEM	PART NUMBER	QTY	DESCRIPTION
1	Z67771	1	Cylinder
-	Z31950	1	Seal kit for Z67771
2	Z20498	2	Adapter
3	Z21290	2	Adapter
4	Z21749	1	Hose
5	Z21748	1	Hose
6	75089916	2	T-Coupling w/nut
7	75090108	1	T-Piece
8	Z21792	1	Pressure guard with connector

GEN 2 WZ HYDRAULIC UNIT
(All Years)



Fr.o.m - T.o.m prod.nr: 74213-131937
From - To prod.no: 74213-131937
Ab - Bis prod.nr: 74213-131937

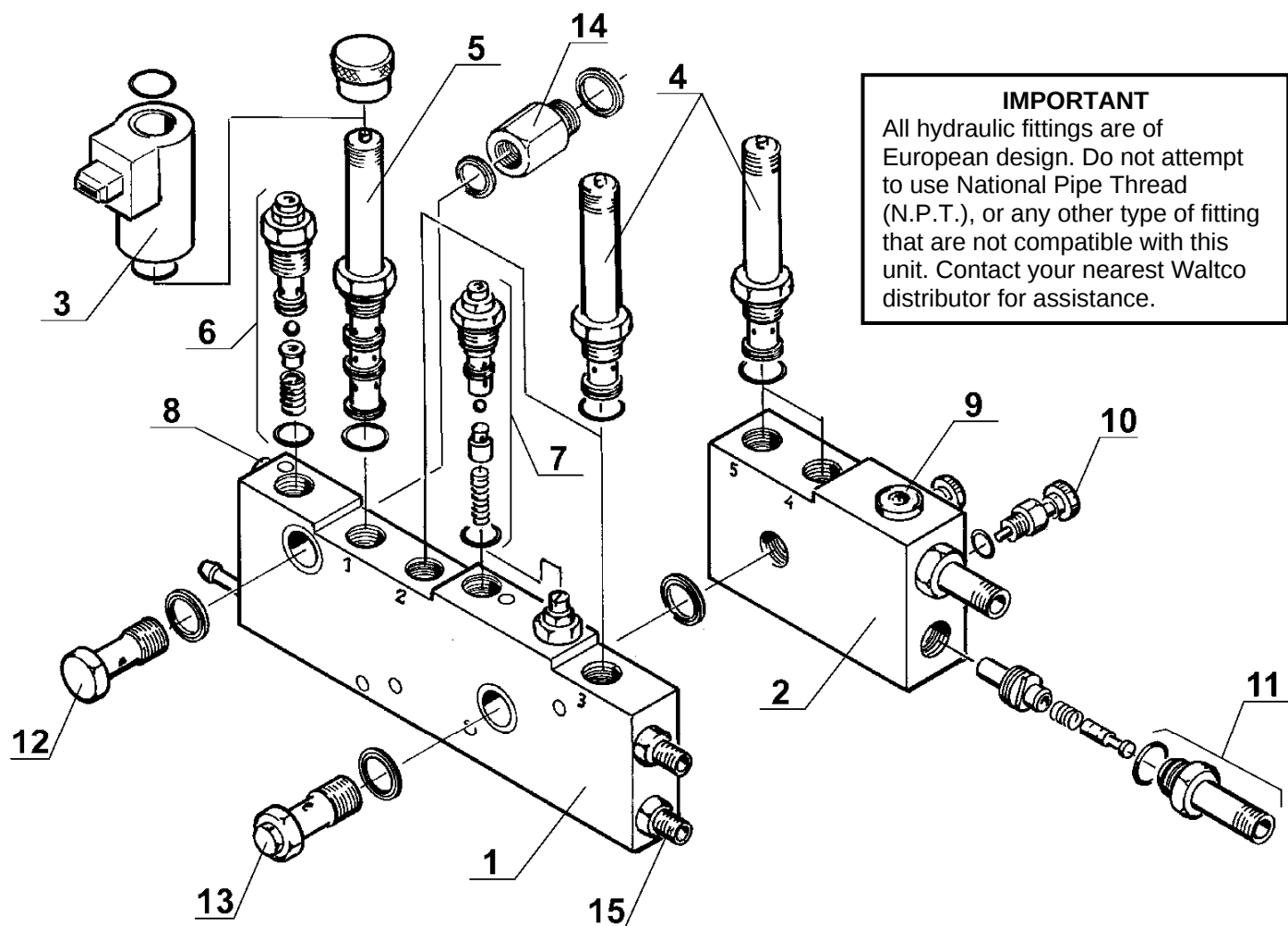
WALTCO LIFT CORP.
WZ-44

REVISED: 8-7-03
E.O. 5150
REV. 01

PM-601

ITEM	PART NUMBER	QTY	DESCRIPTION
-	Z68912	1	Hydraulic unit, 12V
1	75098355	1	Filter cap with dipstick
2	Z64302	1	Filter
3	Z31125	1	Hose
4	70093354	1	Motor brace
5	70093632	1	Electric motor 12 Volt
6	75089894	1	Electric cable
7	70093611	1	Pump P13
8	Z64301	1	L connector
9	Z21457	1	Ground plate
10	75089958	1	Switch 12 Volt
11	Z68623	1	Circuit card
12	Z20619	1	Relay 12 Volt (Alternating)
13	75089959	4	Relay 12 Volt
14	75098361	1	Bracket for circuit card
15	Z32033	1	Valve system 12 Volt
16	75089891	1	Hose
17	Z64359	1	Ground cable
18	Z21300	1	Rubber cover
19	Z32036	1	Chassis with tank
20	Z32035	1	Sealing
21	Z31841	1	Oil drain plug
22	Z21493	1	Edge list
23	Z32037	1	Lock
-	75089933	1	Heat guard

GEN 2 WZ VALVE SYSTEM
(All Years)



Fr.o.m - T.o.m prod.nr: 74213-131937
From - To prod.no: 74213-131937
Ab - Bis prod.nr: 74213-131937

WALTCO LIFT CORP.
WZ-44

REVISED: 8-7-03
E.O. 5150
REV. 01

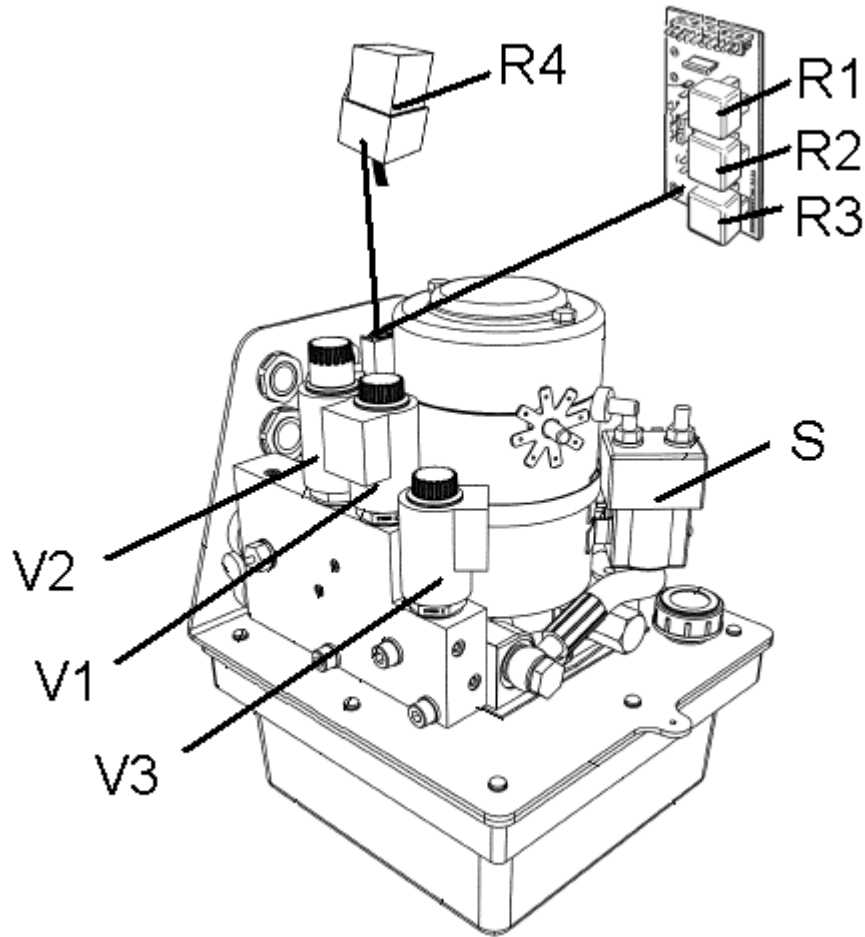
PM-602

ITEM	PART NUMBER	QTY	DESCRIPTION
-	Z32033	1	Valve system 12 Volt
1	Z32038	1	Valve housing complete, without magnet
2	Z32039	1	Valve housing complete, without magnet
3	Z21622	5	Magnet 12 Volt
4	Z21621	4	Valve without magnet
5	Z32040	1	Reverse valve without magnet
6	Z31860	1	Over flow valve
7	Z32041	1	Over flow valve
8	Z31863	1	Plug
9	75098368	1	Plug
10	75090037	2	Adjusting screw incl. washer
11	Z31123	2	Adapter for constant flow valve
12	75090173	1	Swivel joint
13	Z32042	1	Swivel joint
14	Z31151	1	Pump connection
15	Z20356	2	Adapter

LEVEL LIFT HYDRAULICS & CONTROLS - Generation 3 - RZ Series

(Built from 10-05 – see note below)

Note: For assistance on how to tell which Generation (1, 2, or 3) Level Lift you have, refer to the diagrams on these pages and the [Liftgate Terminology](#) section at the beginning of this document.



Common Features

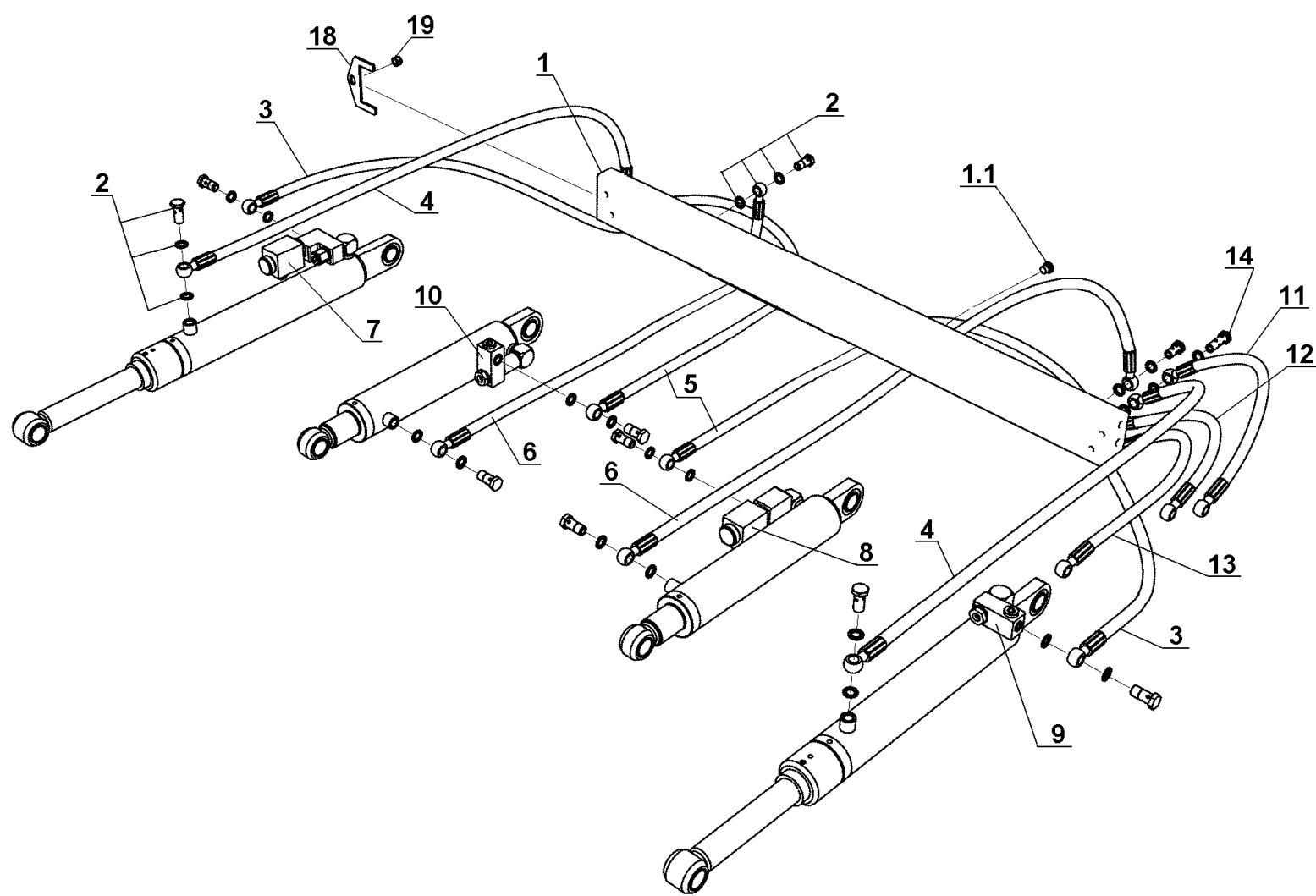
- Electric Push-Button controls
- Pump in External Enclosure attached to curb side of Mount tube

	RZ-22
Liftgate Hydraulic Components	PM-657A
Pump	PM-658A
Hydraulic Valves	PM-659A
Switches & Controls	PM-248A
Lift Cylinder	PM-662
Tilt Cylinder	PM-661A

80101108 Rev. 04 8-09

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

GEN 3 RZ HOSE SET
(All Years)



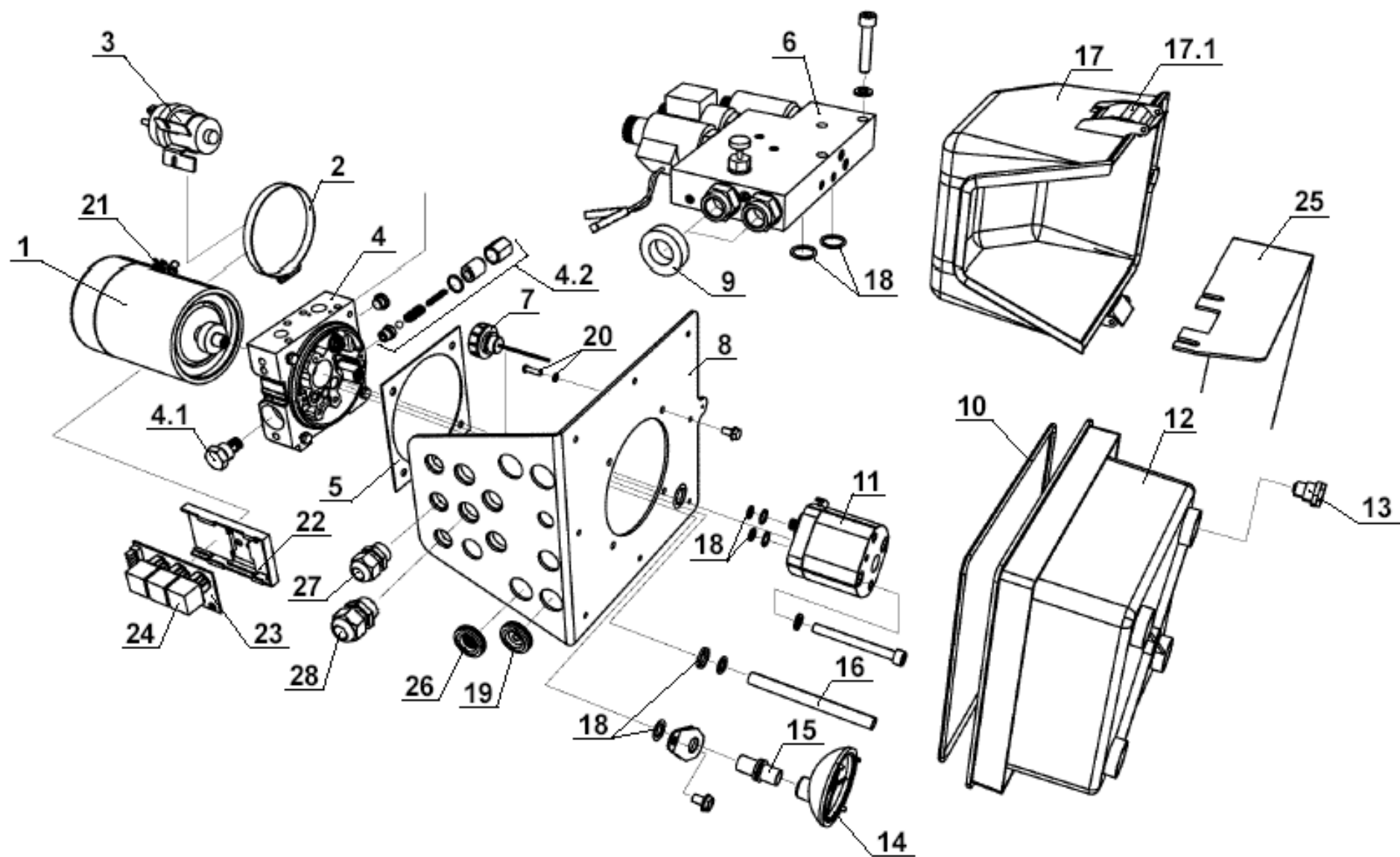
WALTCO
TRUCK EQUIPMENT CO.
RZ-22

REVISED: 12-13-05
E.O. 5656B
REV. 01

PM-657A

ITEM	PART NUMBER	QTY	DESCRIPTION
1	Z32693	1	Aluminum Rail, (RZLU) L= 58-11/16"
1.1	Z20515	7	Plug
2	Z31174	16	Swivel Joint complete with Washer
3	Z22228	2	Hydraulic Hose ¼" Dia., L= 19-11/16"
4	Z21927	2	Hydraulic Hose ¼" Dia., L= 29-1/2"
5	Z22267	2	Hydraulic Hose ¼" Dia., L= 17-3/4"
6	Z22224	2	Hydraulic Hose ¼" Dia., L= 25-5/8"
7	Z54131	1	Electric Safety Valve
8	Z54129	1	Electric Safety Valve
9	Z54367	1	Connection adapter complete - Tilt
10	Z54368	1	Connection adapter complete - Lift
11	Z22018	1	Hydraulic Hose ¼" Dia., L= 18-1/2"
12	Z22017	1	Hydraulic Hose ¼" Dia., L= 9-7/8"
13	Z22281	1	Hydraulic Hose ¼" Dia., L= 13-3/4"
14	Z32694	3	Swivel Joint complete with Washer
18	Z52083	2	Clamp
19	Z21025	2	Nut

GEN 3 RZ HYDRAULIC PUMP UNIT
(All Years)



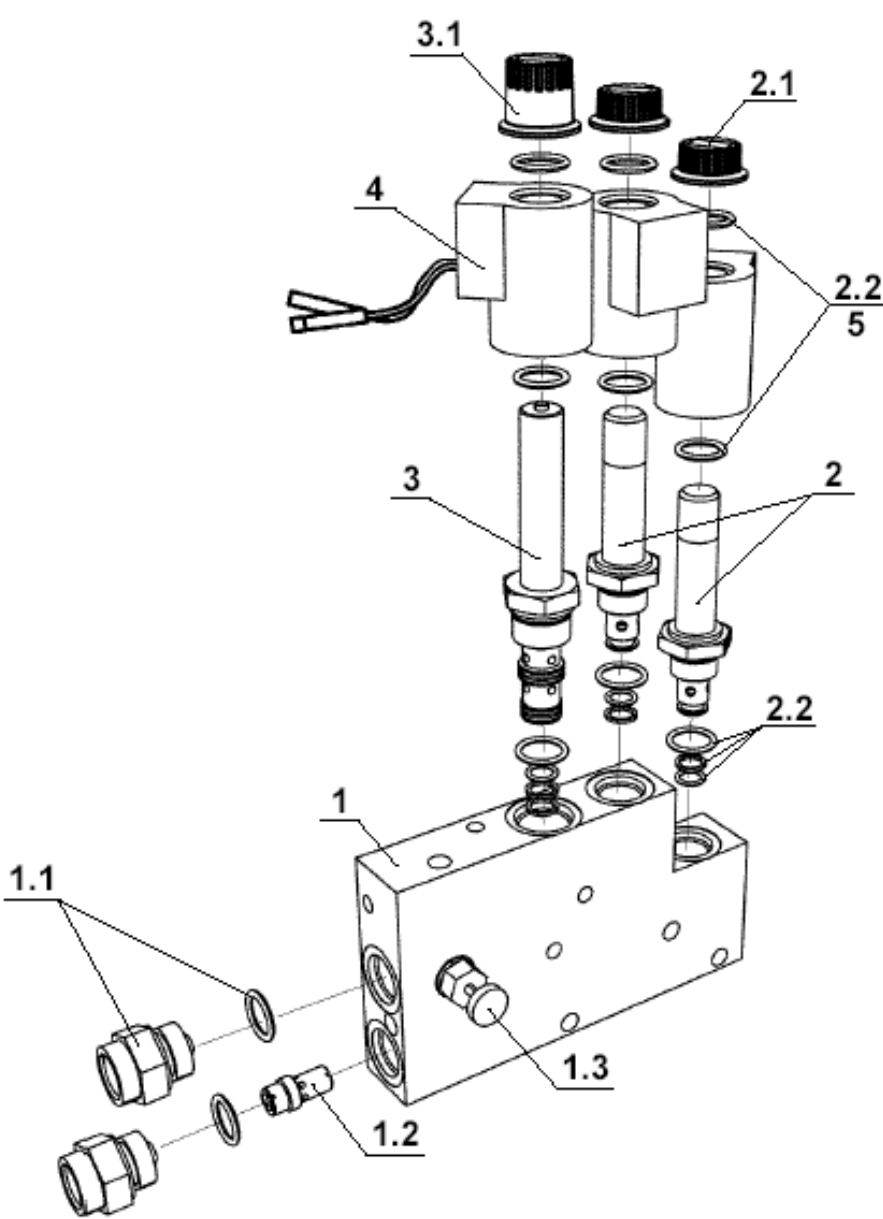
WALTCO
TRUCK EQUIPMENT CO.
RZ-22

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

PM-658A

ITEM	PART NUMBER	QTY	DESCRIPTION
-	Z54685	1	Hydraulic unit 5725, 12 Volt, complete
1	Z53370	1	Electric Motor, 12 Volt, 1.5KW
2	Z31120	1	Motor brace, complete
3	75089958	1	Solenoid 12 Volt
4	75098351	1	Adapter block, complete
4.1	75098353	1	Check valve
4.2	75098352	1	Overflow valve
5	Z31831	1	Gasket, Adapter block
6	Z32758	1	Valve system 12 Volt
7	Z32549	1	Filter cap
8	Z32447	1	Leading-in plate
9	Z32436	2	Sealing
10	Z31980	1	Tank gasket
11	Z32225	1	Pump
12	Z31981	1	Plastic Tank
13	Z31982	1	Magnet plug
14	75098357	1	Strainer
15	Z32376	1	Strain tube for pump
16	Z32482	1	Return tube
17	Z51415	1	Cover, complete
17.1	Z32517	2	Latch
18	75098366	1	O-ring set, complete
19	75089949	2	Cable Seal
20	Z32172	8	Screw with washer
21	Z32691	1	Ground Plate
22	75098361	1	Bracket, Circuit Card
23	75090007	1	Circuit Card
24	75089959	3	Relay 12V
25	Z50899	1	Bracket
26	Z20131	1	Cable Seal
27	75098345	3	Conduit entry PG13,5
28	Z21606	3	Conduit entry PG16

GEN 3 RZ HYDRAULIC VALVES
(All Years)



WALTCO
TRUCK EQUIPMENT CO.
RZ-22

REVISED: 12-12-05
E.O. 5656B
REV. 01

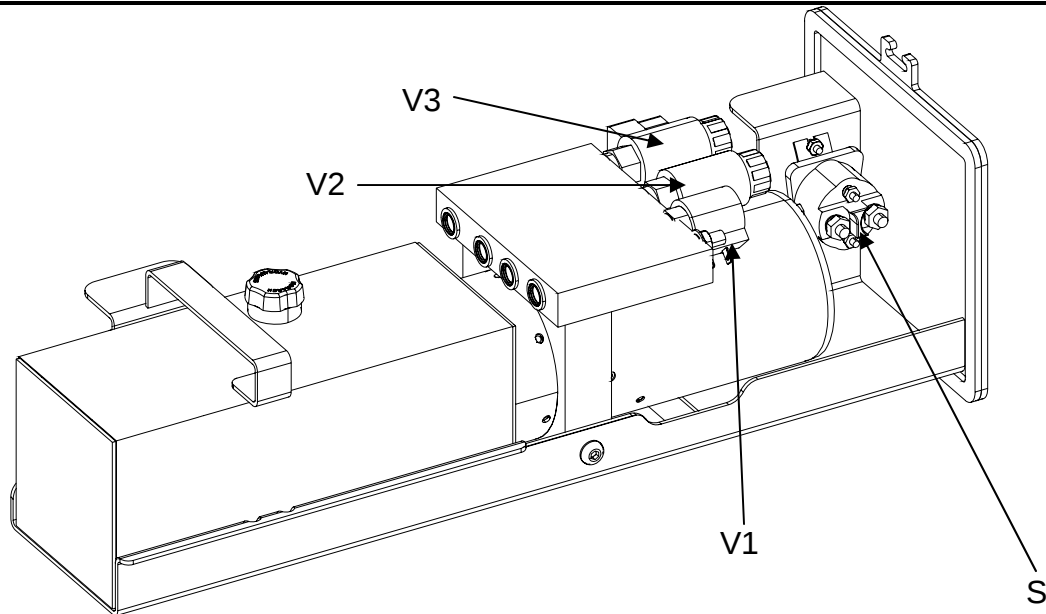
PM-659A

ITEM	PART NUMBER	QTY	DESCRIPTION
-	Z32758	1	Valve system 12 Volt, complete
1	Z32696	1	Valve housing, complete
1.1	Z32435	2	Adapter, including o-ring
1.2	Z32556	2	Constant Flow Valve (2.5 gal./min.)
1.3	75090037	1	Adjusting Screw including Washer
2	Z21620	2	Valve, without magnet
2.1	Z32467	2	Nut for valve, low model
2.2	75098373	2	O-ring set for valve
3	75098369	1	Valve without magnet
3.1	Z32466	1	Nut for valve, high model
4	Z22075	3	Magnet 12 Volt
5	Z32372	3	O-ring set for magnet

LEVEL LIFT HYDRAULICS & CONTROLS - Generation 3 - BZ Series

(Built from 9-04 – see note below)

Note: For assistance on how to tell which Generation (1, 2, or 3) Level Lift you have, refer to the diagrams on these pages and the [Liftgate Terminology](#) section at the beginning of this document.



Common Features

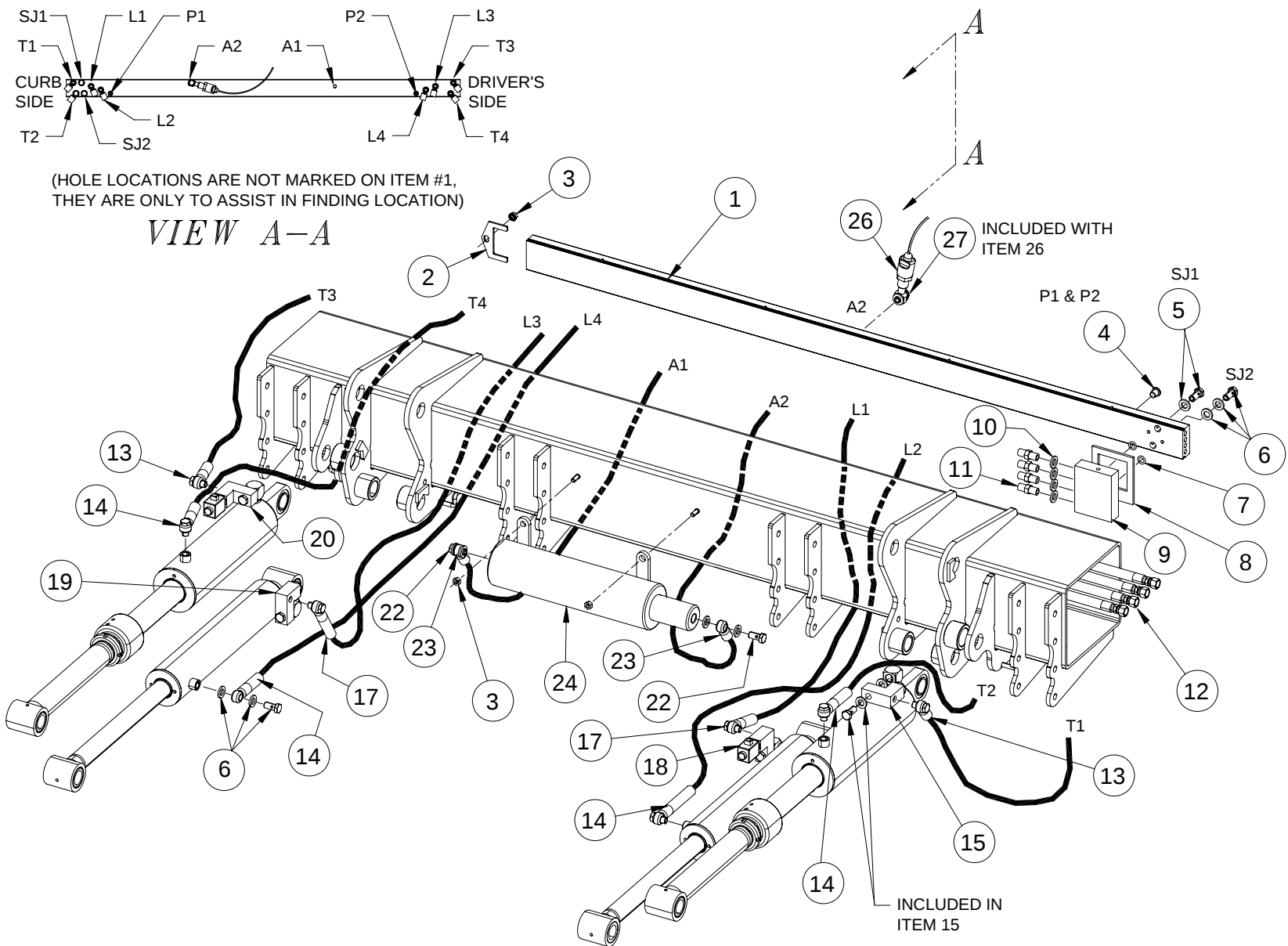
- Super Switch (Multi-plexing two-wire digital) controls
- Auto-Tilt System for platform (thru 12-05)
- Pump in Slide Tray in Curb side of Mount Tube Assembly

	BZ-33, 44, 55
Liftgate Hydraulic Components	PM-648 Built thru 12-05 PM-648A Built 12-05 thru 7-06 PM-648B Built 7-06 thru 4-07 PM-648C Built from 4-07
Hydraulic Pump and Tray Assembly	PM-649 Built 12-05 thru 7-06 PM-649A Built 7-06 thru 4-07 PM-649B Built from 4-07
Pump	PM-690 Built 12-05 thru 7-06 PM-690A Built 7-06 thru 4-07 PM-690B Built from 4-07
Cylinder Lock Valves	PM-675
Switches & Controls	PM-650 Built 3-05 thru 7-06 PM-650A Built from 7-06
Lift Cylinder	PM-664
Tilt Cylinder	PM-663
Auto-Tilt Cylinder	PM-637 Built thru 12-05

80101108 Rev. 04 8-09

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

GEN 3 BZ HOSES
 (Built thru 12-05)



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 BZ-33, 44, 55

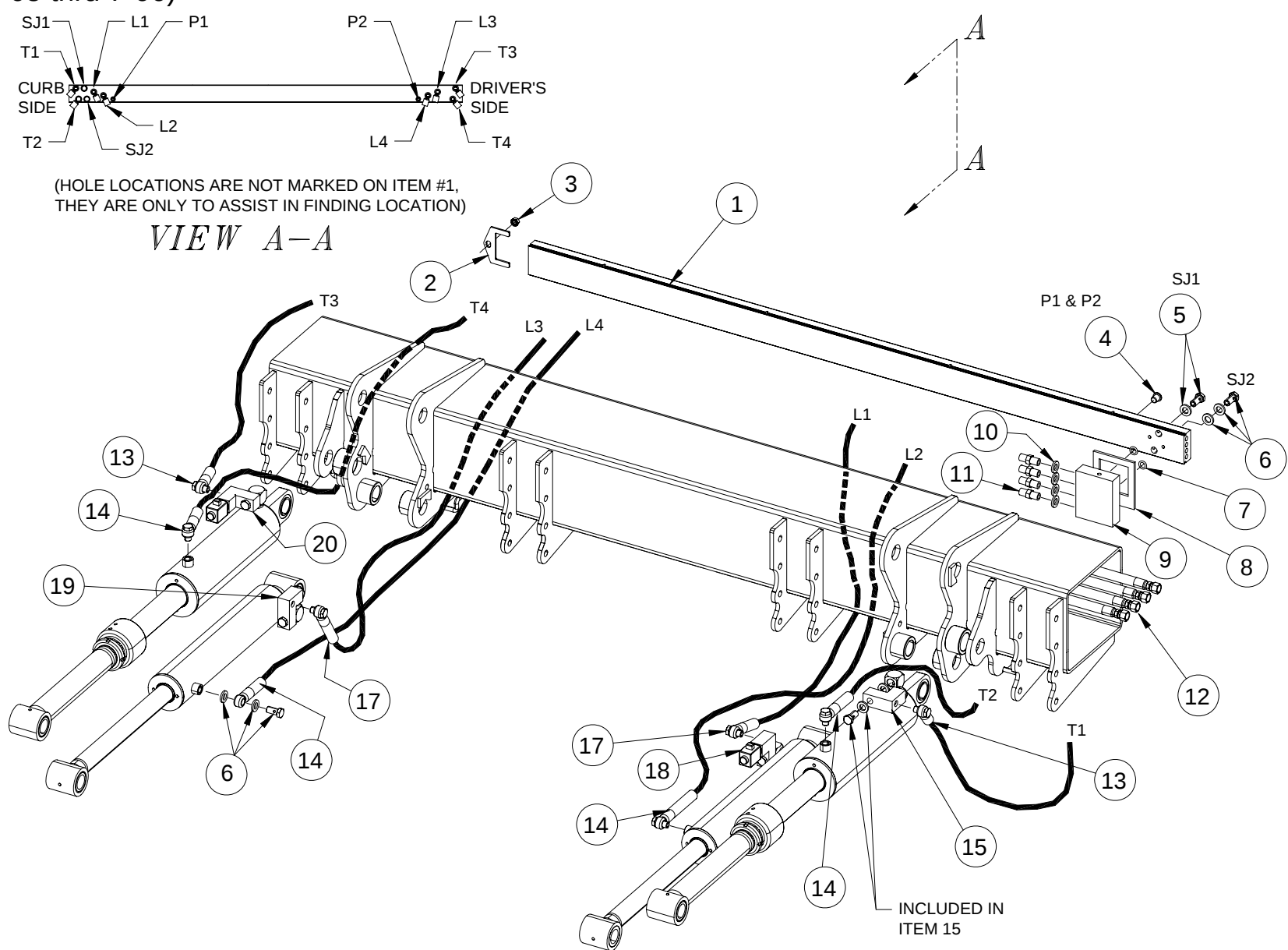
REVISED: 8-1-09
 E.O. 6251
 REV. 04

PM-648

ITEM	PART NUMBER	QTY	DESCRIPTION
1	Z32563	1	Aluminum Rail L= 65-3/8"
2	Z52083	2	Clamp
3	Z21025	4	Nut
4	Z20515	2	Plug
5	Z52012	1	Swivel joint
6	Z31174	9	Swivel joint, complete
7	Z22158	2	O-Ring
8	Z52043	1	Sealing
9	Z52040	1	Connection block
10	Z20942	4	Washer
11	Z20356	4	Adapter
12	Z21672	4	Hydraulic hose 1/4" L=42-1/8"
13	Z22179	2	Hydraulic hose 1/4" L=24-3/8"
14	Z22061	4	Hydraulic hose 1/4" L=33-1/2"
15	Z54128	1	Valve housing, complete
17	Z22224	2	Hydraulic hose 1/4" L=22-7/8"
18	Z54129*	1	EL. Safety Valve (Lift)
19	Z54127	1	Valve housing, complete
20	Z54131*	1	EL. Safety Valve (Tilt)
22	Z21499	2	Swivel joint, auto-tilt cylinder
23	Z22218	2	Hydraulic hose, L=17-3/4"
24	Z67771	1	Auto-tilt cylinder
26	Z54238	1	Pressure switch
27	Z21626	1	Swivel Joint

* See [PM-675](#) for break-down of EL. Safety Valve

GEN 3 BZ HOSES
(Built 12-05 thru 7-06)



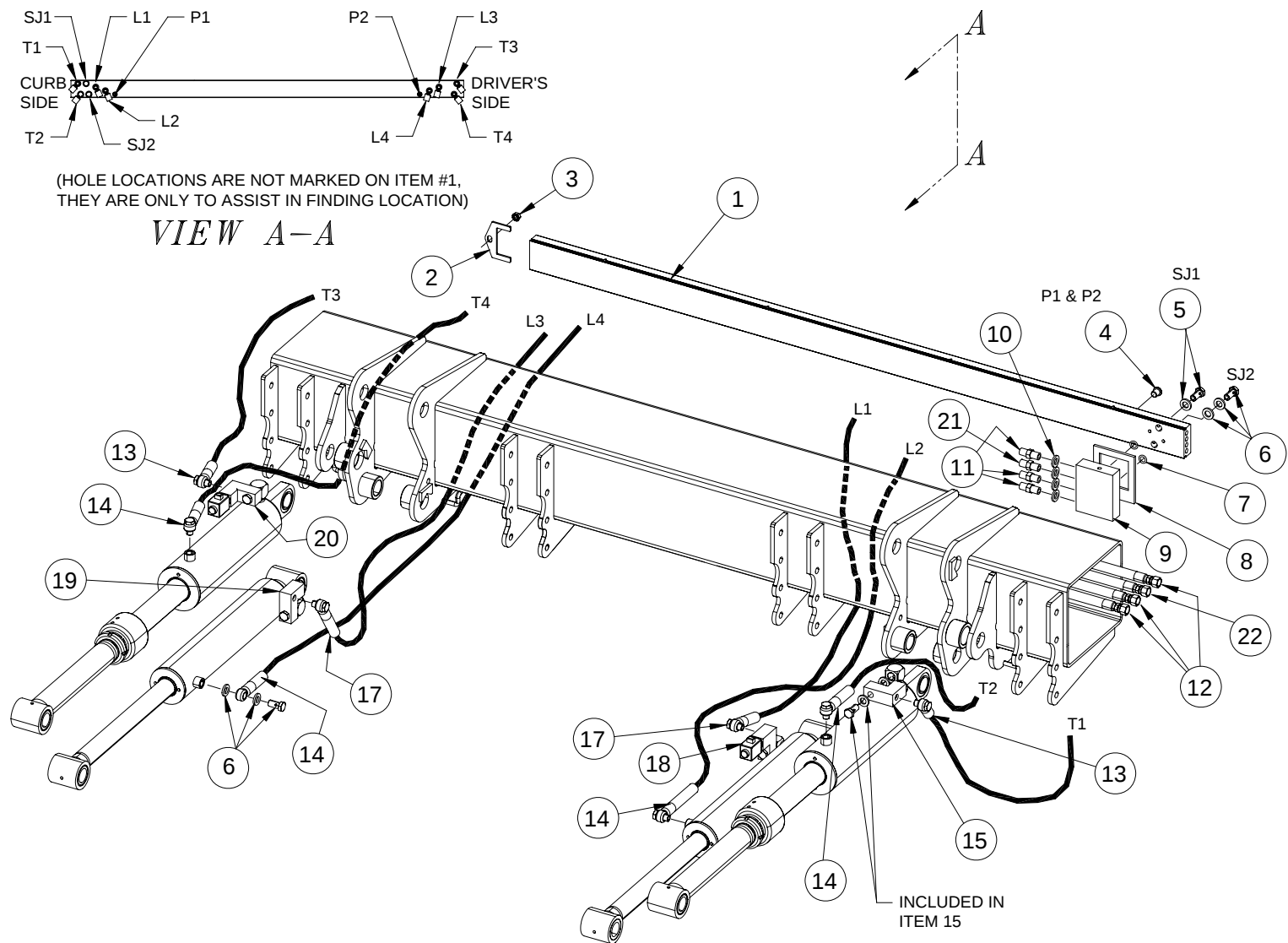
WALTCO
TRUCK EQUIPMENT CO.
BZ-33, 44, 55

REVISED: 8-1-09
E.O. 6251
REV. 02
PM-648A

ITEM	PART NUMBER	QTY	DESCRIPTION
1	Z32563	1	Aluminum Rail L= 65-3/8"
2	Z52083	2	Clamp
3	Z21025	2	Nut
4	Z20515	4	Plug
5	Z52012	1	Swivel joint
6	Z31174	9	Swivel joint, complete
7	Z22158	2	O-Ring
8	Z52043	1	Sealing
9	Z52040	1	Connection block
10	Z20942	4	Washer
11	Z20356	4	Adapter
12	Z21672	4	Hydraulic hose 1/4" L=42-1/8"
13	Z22179	2	Hydraulic hose 1/4" L=24-3/8"
14	Z22061	4	Hydraulic hose 1/4" L=33-1/2"
15	Z54128	1	Valve housing, complete
17	Z22224	2	Hydraulic hose 1/4" L=22-7/8"
18	Z54129*	1	EL. Safety Valve (Lift)
19	Z54127	1	Valve housing, complete
20	Z54131*	1	EL. Safety Valve (Tilt)

* See [PM-675](#) for break-down of EL. Safety Valve

GEN 3 BZ HOSES
 (Built 7-06 thru 4-07)





LIFT CORP.
BZ-33/44/55

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 E.O.
 REV.

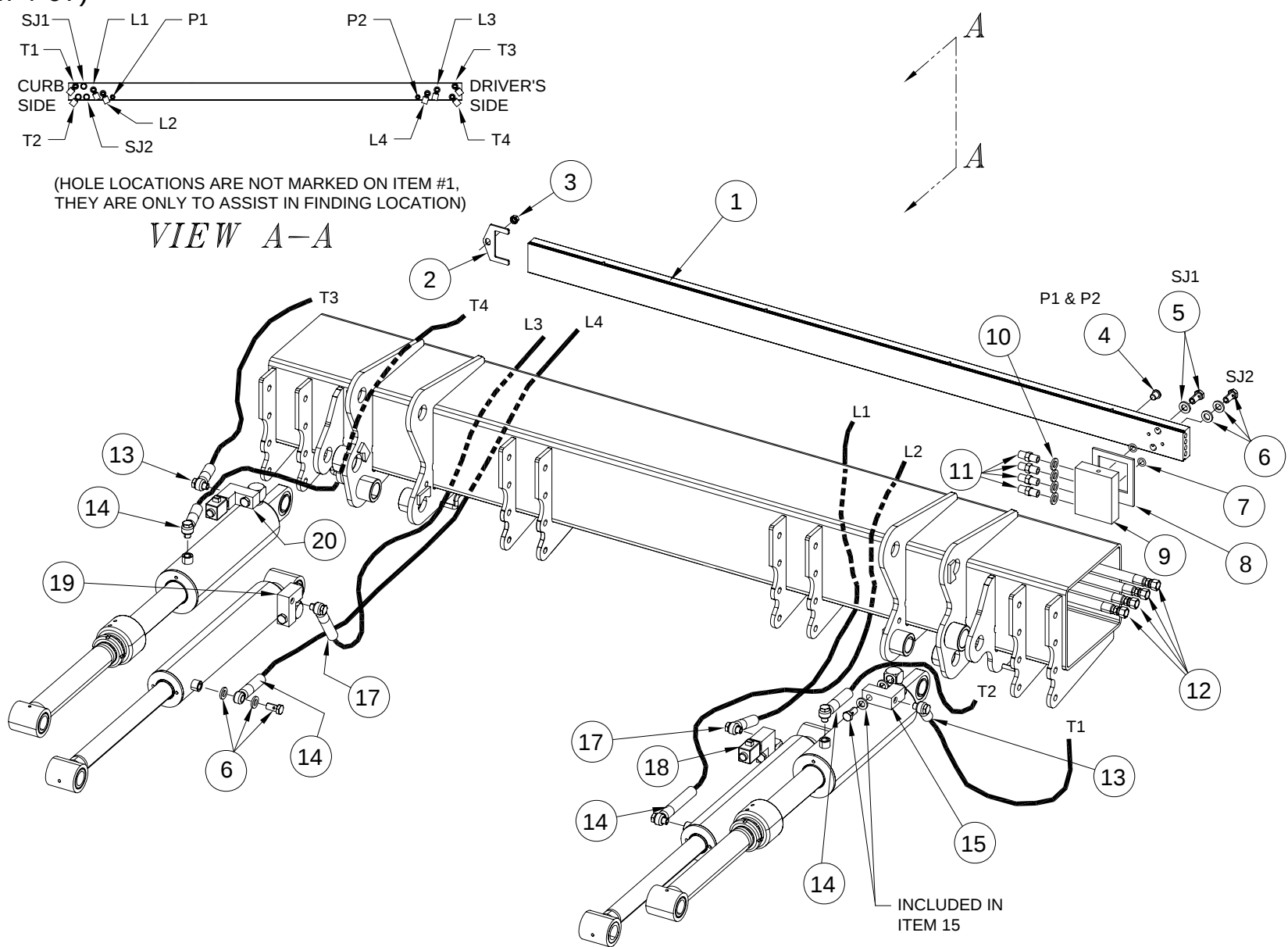
6-4-08
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 02

PM-648B

ITEM	PART NUMBER	QTY	DESCRIPTION
1	Z32563	1	Aluminum Rail L= 65-3/8"
2	Z52083	2	Clamp
3	Z21025	2	Nut
4	Z20515	4	Plug
5	Z52012	1	Swivel joint
6	Z31174	9	Swivel joint, complete
7	Z22158	2	O-Ring
8	Z52043	1	Sealing
9	Z52040	1	Connection block
10	Z20942	4	Washer
11	Z20356	3	Adapter (for ¼" hyd. hose)
12	Z21672	3	Hydraulic hose 1/4" L=42-1/8"
13	Z22179	2	Hydraulic hose 1/4" L=24-3/8"
14	Z22061	4	Hydraulic hose 1/4" L=33-1/2"
15	Z54128	1	Valve housing, complete
17	Z22224	2	Hydraulic hose 1/4" L=25-5/8"
18	Z54129*	1	EL. Safety Valve (Lift)
19	Z54127	1	Valve housing, complete
20	Z54131*	1	EL. Safety Valve (Tilt)
21	Z20105	1	Adapter (for 3/8" hyd. hose)
22	Z22322	1	Hydraulic hose 3/8" L=42-1/8"

* See [PM-675](#) for break-down of EL. Safety Valve

GEN 3 BZ HOSES
(Built from 4-07)



WALTCO LIFT CORP.
BZ-33/44/55

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

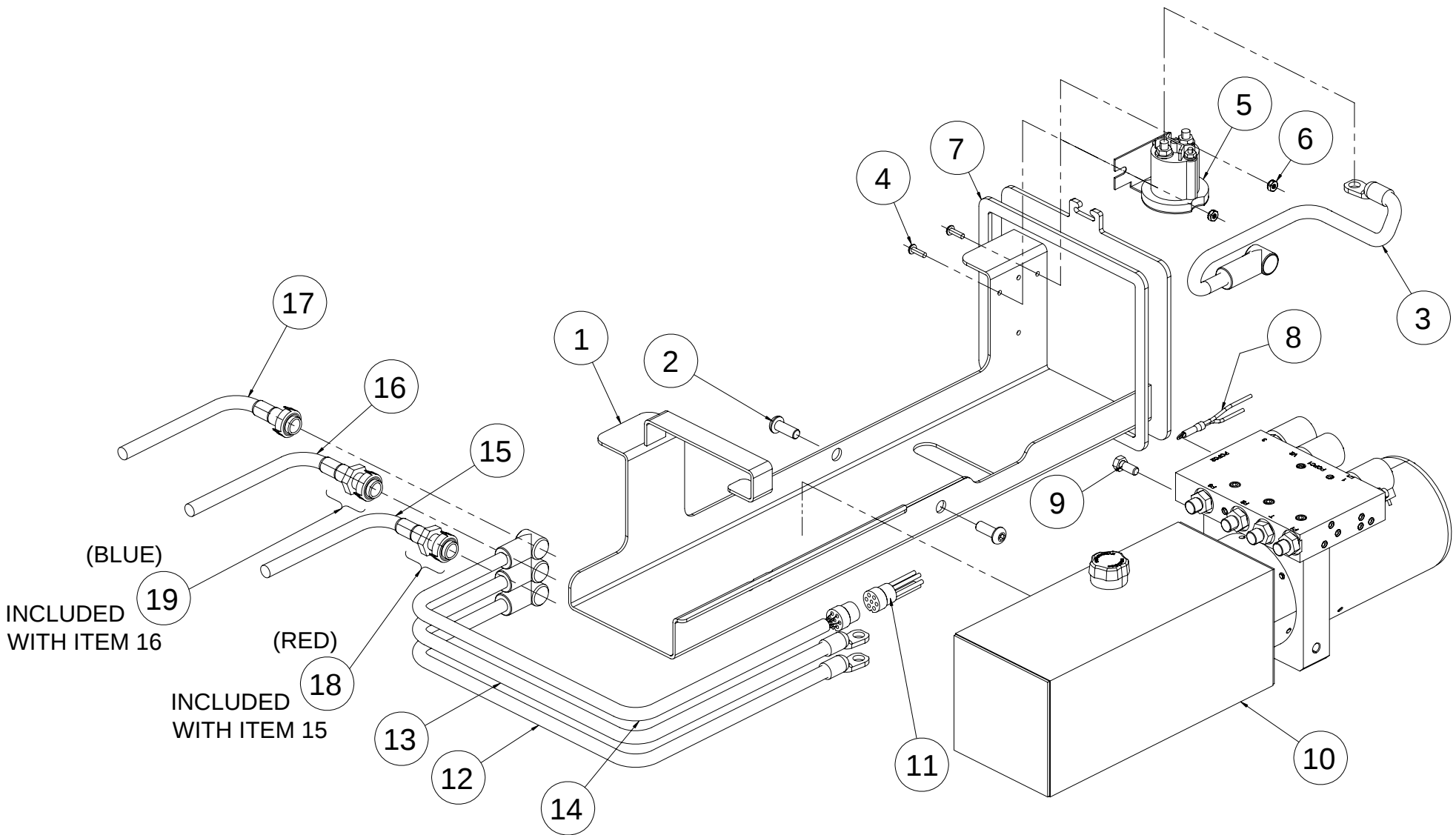
PM-648C

ITEM	PART NUMBER	QTY	DESCRIPTION
1	Z32563	1	Aluminum Rail L= 65-3/8"
2	Z52083	2	Clamp
3	Z21025	2	Nut
4	Z20515	4	Plug
5	Z52012	1	Swivel joint
6	Z31174	9	Swivel joint, complete
7	Z22158	2	O-Ring
8	Z52043	1	Sealing
9	Z52040	1	Connection block
10	Z20942	4	Washer
11	Z20105	1	Adapter (for 3/8" hyd. hose)
12	Z22322	1	Hydraulic hose 3/8" L=42-1/8"
13	Z22179	2	Hydraulic hose 1/4" L=24-3/8"
14	Z22061	4	Hydraulic hose 1/4" L=33-1/2"
15	Z54128	1	Valve housing, complete
17	Z22224	2	Hydraulic hose 1/4" L=25-5/8"
18	Z54129*	1	EL. Safety Valve (Lift)
19	Z54127	1	Valve housing, complete
20	Z54131*	1	EL. Safety Valve (Tilt)

* See PM-675 for break-down of EL. Safety Valve

GEN 3 BZ & WZ HYDRAULIC PUMP UNIT

(Built thru 7-06)



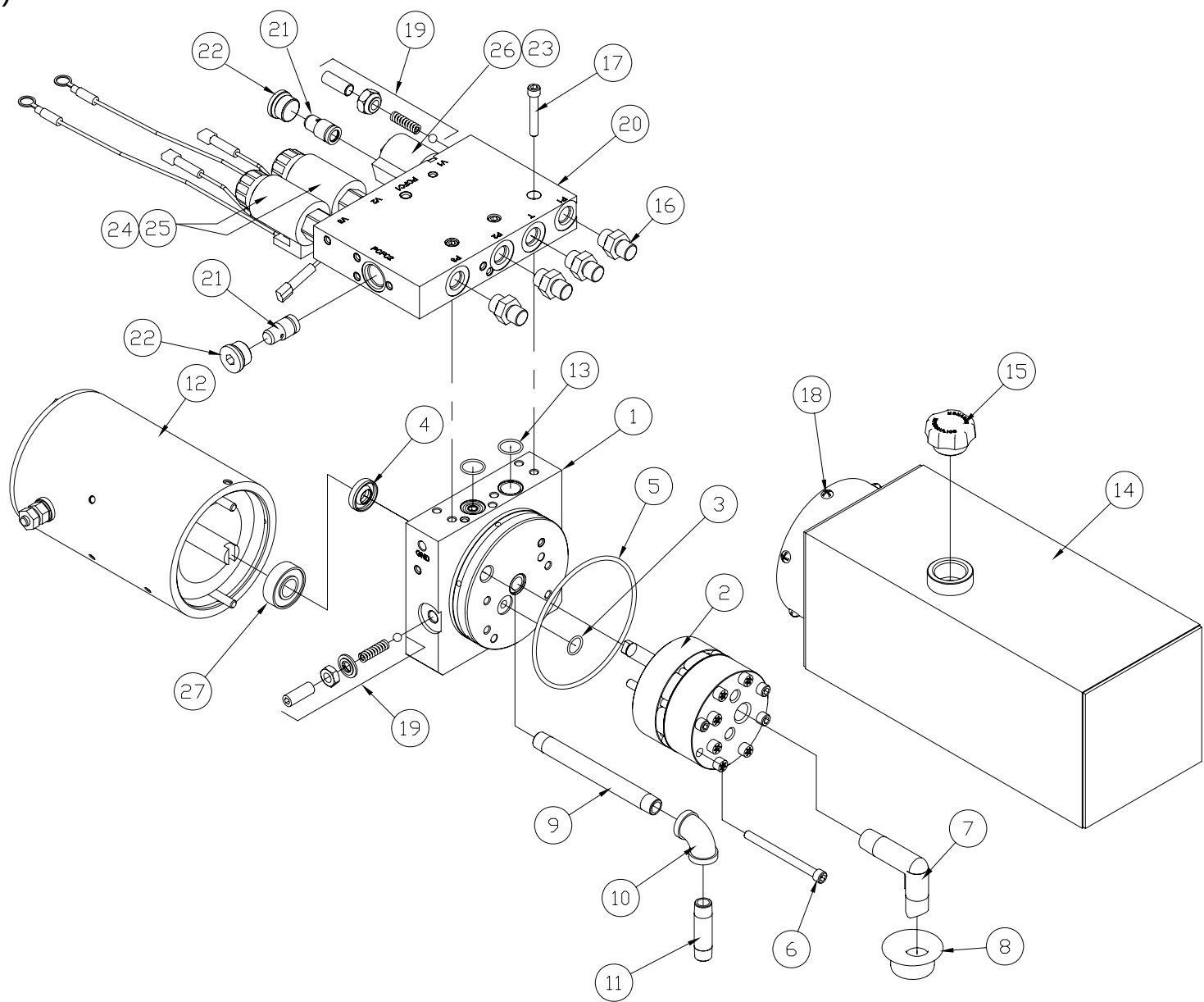
WALTCO
TRUCK EQUIPMENT CO.
BZ-33, 44, 55, WZ-44, 55

REVISED: 3-11-05
E.O. 5515
REV. 02

PM-649

ITEM	PART NUMBER	QTY	DESCRIPTION
	16628000	1	Complete Pump Unit
1	16621000	1	Pump unit shelf
2	75086857	2	Button head socket
3	10195612	1	Battery cable
4	75086853	2	Screw
5	75089833	1	Solenoid
6	75085000	2	Hex nut
7	16621400	1	Sealing
8	16626000	1	Temperature sensor
9	75086853	1	Hex bolt
10	70402300	1	Pump unit, complete
11	16625000	1	Wiring kit for pump unit
12	Z54122	1	Main power cable, 2GA, red
13	Z54121	1	Main power cable, 2GA, black
14	Z54125	1	Cable, 7-wire
15	Z54123	1	Main power cable, 2GA, red
16	Z54124	1	Main power cable, 2GA, black
17	Z54126	1	Cable, 7-wire
18	Z32626	1	Connector complete, Red
19	Z32625	1	Connector complete, Blue

GEN 3 BZ & WZ PUMP UNIT – 70402300
(Built thru 7-06)



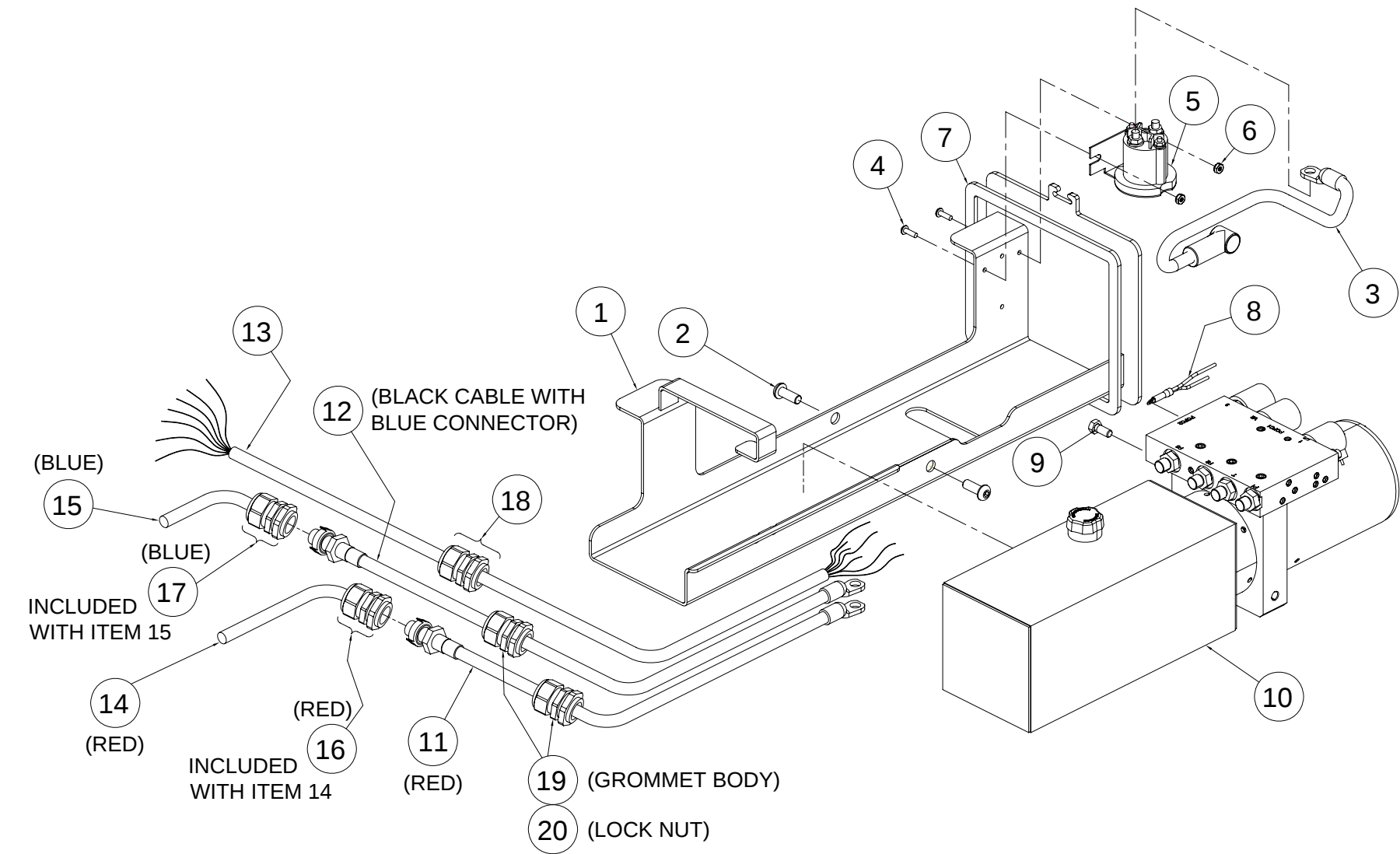
WALTCO
TRUCK EQUIPMENT CO.
BZ-33, 44, 55
WZ-44Z, 55Z

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

PM-690

ITEM	PART NUMBER	QTY	DESCRIPTION
-	70402300	1	Pump unit, 2900/1300 psi
1	70402301	1	Valve block
2	70402302	1	Pump
3	70401507	1	O-Ring
4	70091719	1	Shaft seal
5	70401204	1	O-Ring
6	70401509	1	Screw
7	70091731	1	Tube
8	70091730	1	Filter
9	70402305	1	Tube
10	70402306	1	Tube, elbow
11	70402307	1	Tube
12	70092313	1	Motor, Super Duty, 12VDC
13	70402007	2	O-Ring
14	70402308	1	Oil tank
15	70401404	1	Breather
16	70402309	4	Adapter
17	70402310	2	Socket head screw
18	70091738	6	Screw
19	70092355	2	Relief valve
20	70402311	1	Valve block
21	70402312	1	Flow control
22	70401206	2	Plug
23	70402303	1	Coil, 10V, 25W
24	70402314	2	Cartridge
25	70402315	2	Coil, 12V
26	70401212	1	Cartridge
27	70091721	1	Bearing

GEN 3 BZ & WZ HYDRAULIC PUMP UNIT
 (Built 7-06 thru 4-07)



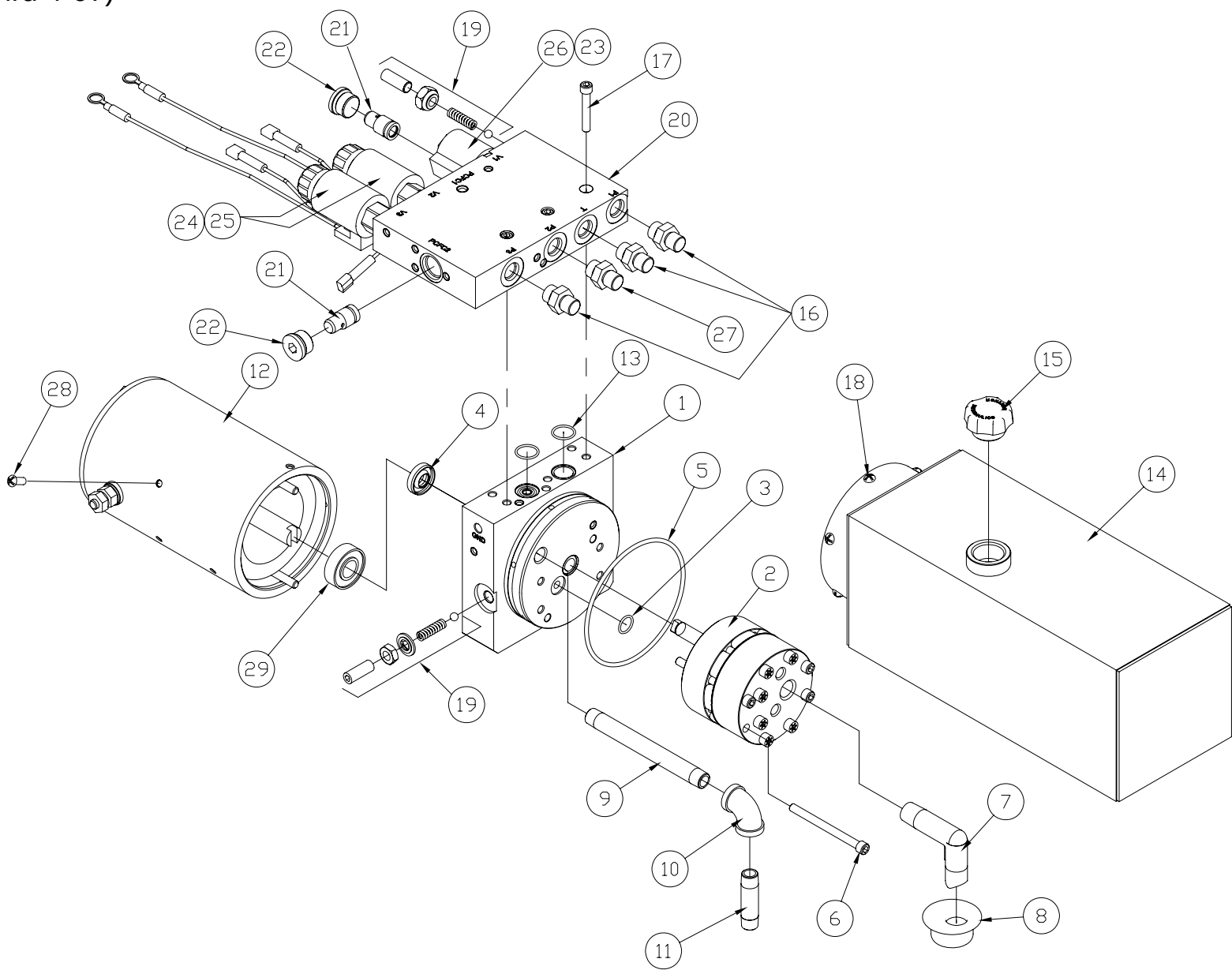
WALTCO LIFT CORP.
BZ-33/44/55, WZ-44/55

REVISED: 6-4-08
 E.O. 6067
 REV. 02
PM-649A

ITEM	PART NUMBER	QTY	DESCRIPTION
	16628000 ^A	1	Complete Pump Unit
1	16621000	1	Pump unit shelf
2	75086857	2	Button head socket
3	10195612	1	Battery cable
4	75086853	2	Screw
5	70093640	1	Solenoid, 4-Pole
6	75085000	2	Hex nut
7	16621400	1	Sealing
8	16626000	1	Temperature sensor
9	75086853	1	Hex bolt
10	16690020	1	Kit, Hydrualic Pump Unit
11	Z55220	1	Main power cable, 2GA, red
12	Z55219	1	Main power cable, 2GA, black, (with blue connector)
13	16625110	1	Wiring cable (7-wire) for pump unit
14	Z55178	1	Main power cable, 2GA, red
15	Z55179	1	Main power cable, 2GA, blue
16	Z32626	1	Connector complete, Red
17	Z32625	1	Connector complete, Blue
18	75080072	1	Grommet Body and Lock Nut
19	Z22360	2	Grommet Body
20	Z21773	2	Lock Nut for Grommet Body

^A Includes items 1 through 10

GEN 3 BZ & WZ PUMP UNIT
(Built 7-06 thru 4-07)

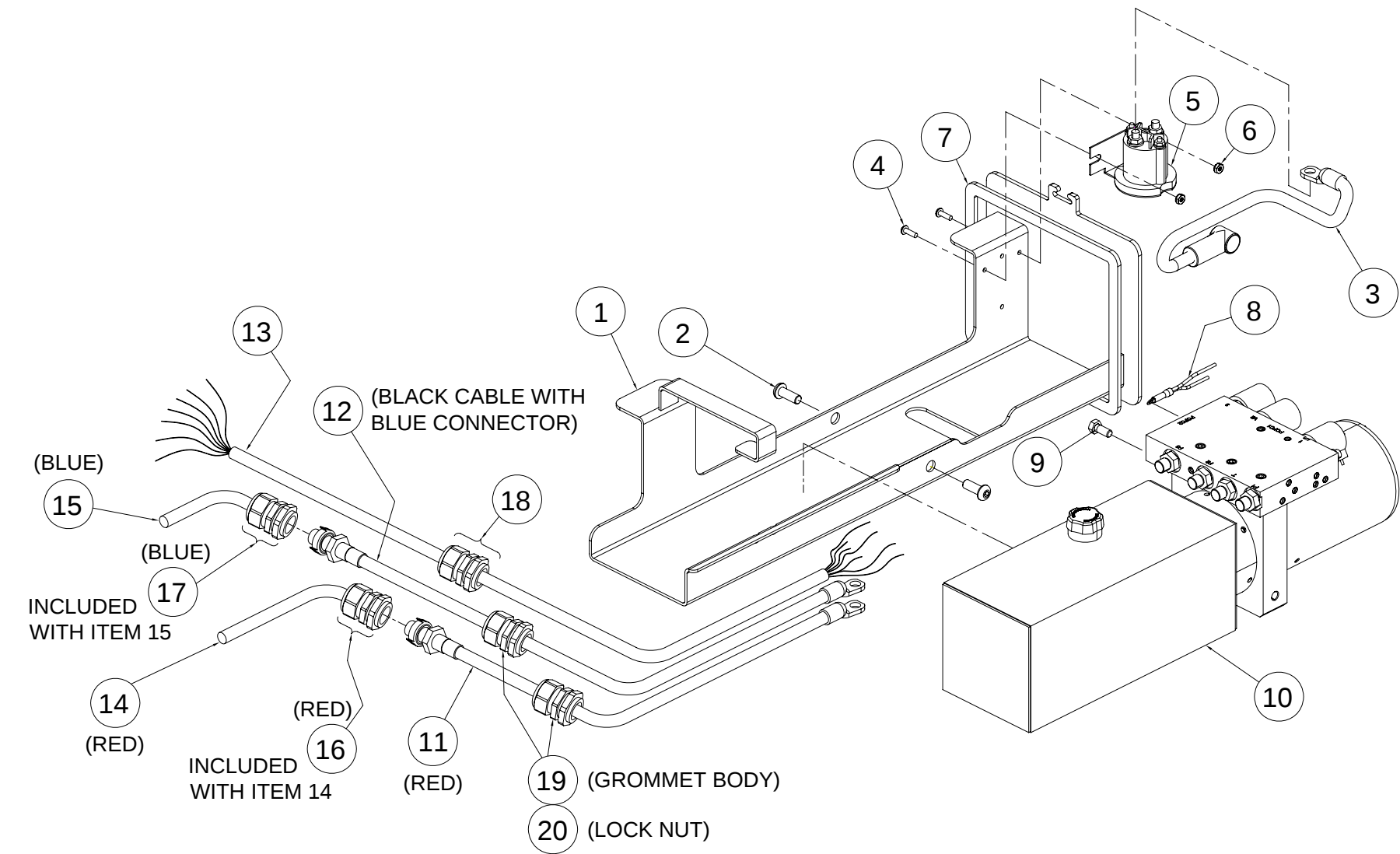


WALTCO LIFT CORP.
BZ-33/44/55
WZ-44/55

REVISED: 8-1-09
E.O. 6251
REV. 03
PM-690A

ITEM	PART NUMBER	QTY	DESCRIPTION
-	70402300	1	Pump unit, 2900/1300 psi
1	70402301	1	Valve block
2	70402302	1	Pump
3	70401507	1	O-Ring
4	70091719	1	Shaft seal
5	70401204	1	O-Ring
6	70401509	1	Screw
7	70091731	1	Tube
8	70091730	1	Filter
9	70402305	1	Tube
10	70402306	1	Tube, elbow
11	70402307	1	Tube
12	70092313	1	Motor, Super Duty, 12VDC
13	70402007	2	O-Ring
14	70402308	1	Oil tank
15	70401404	1	Breather
16	70402309	3	Fitting, SAE9/16-18 male to 1/4 BSPP male
17	70402310	2	Socket head screw
18	70091738	6	Screw
19	70092355	2	Relief valve
20	70402311	1	Valve block
21	70402312	1	Flow control
22	70401206	2	Plug
23	70402303	1	Coil, 10V, 25W
24	70402314	2	Cartridge
25	70402315	2	Coil, 12V
26	70401212	1	Cartridge
27	70402317	1	Fitting, SAE9/16-18 male to 3/8 BSPP male
28	70090090	1	Screw, Pan HD, #10-32 x 5/16"
29	70091721	1	Bearing

GEN 3 BZ & WZ HYDRAULIC PUMP UNIT
 (Built from 4-07)





LIFT CORP.
BZ-33/44/55, WZ-44/55

REVISED:
 E.O.
 REV.

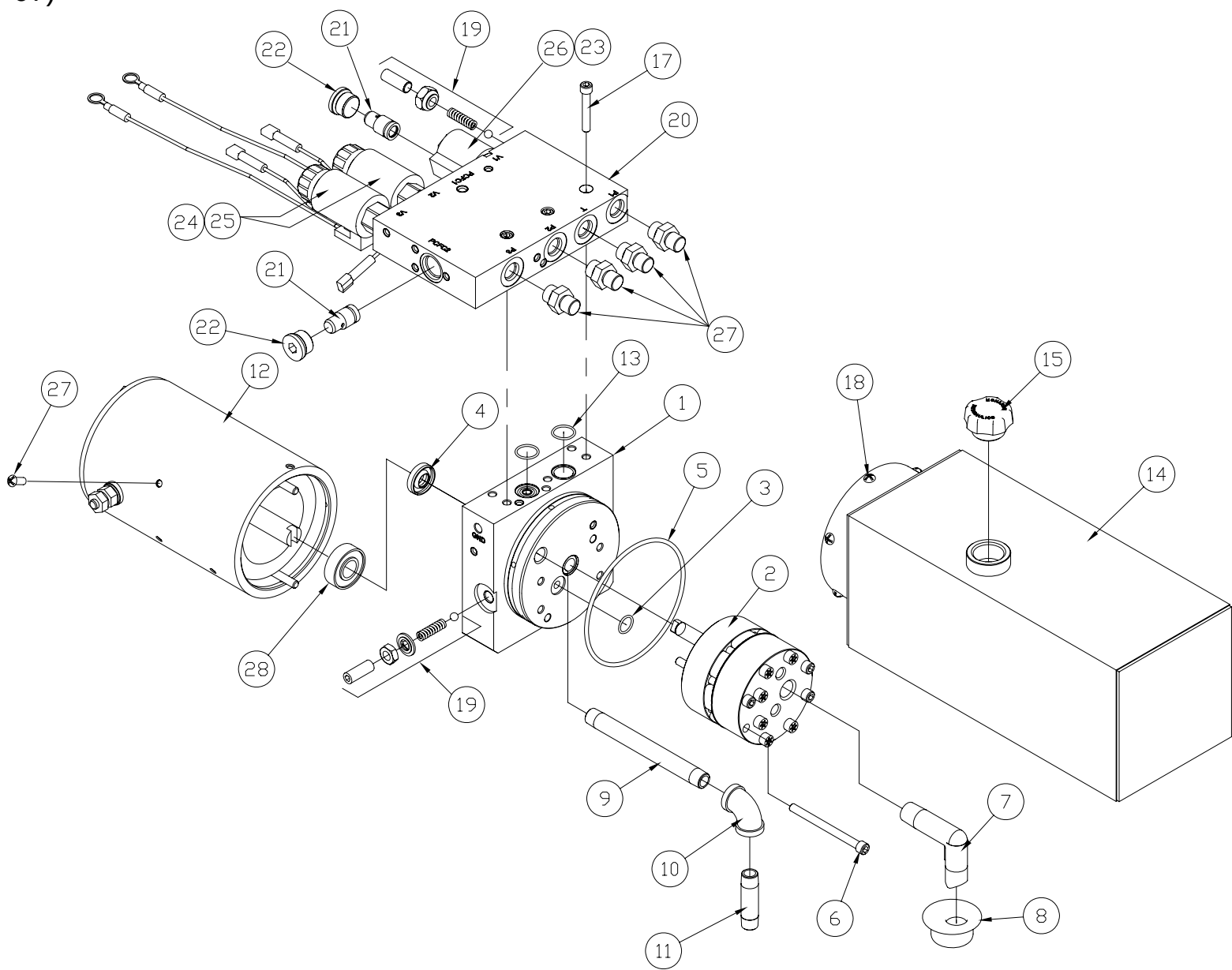
8-1-09
 6251
 01

PM-649B

ITEM	PART NUMBER	QTY	DESCRIPTION
	16628000 ^A	1	Complete Pump Unit
1	16621000	1	Pump unit shelf
2	75086857	2	Button head socket
3	10195612	1	Battery cable
4	75086853	2	Screw
5	70093640	1	Solenoid, 4-Pole
6	75085000	2	Hex nut
7	16621400	1	Sealing
8	16626000	1	Temperature sensor
9	75086853	1	Hex bolt
10	70402300	1	Kit, Hydraulic Pump Unit
11	Z55220	1	Main power cable, 2GA, red
12	Z55219	1	Main power cable, 2GA, black, (with blue connector)
13	16625110	1	Wiring cable (7-wire) for pump unit
14	Z55178	1	Main power cable, 2GA, red
15	Z55179	1	Main power cable, 2GA, blue
16	Z32626	1	Connector complete, Red
17	Z32625	1	Connector complete, Blue
18	75080072	1	Grommet Body and Lock Nut
19	Z22360	2	Grommet Body
20	Z21773	2	Lock Nut for Grommet Body

^A Includes items 1 through 10

GEN 3 BZ & WZ PUMP UNIT
(Built from 4-07)



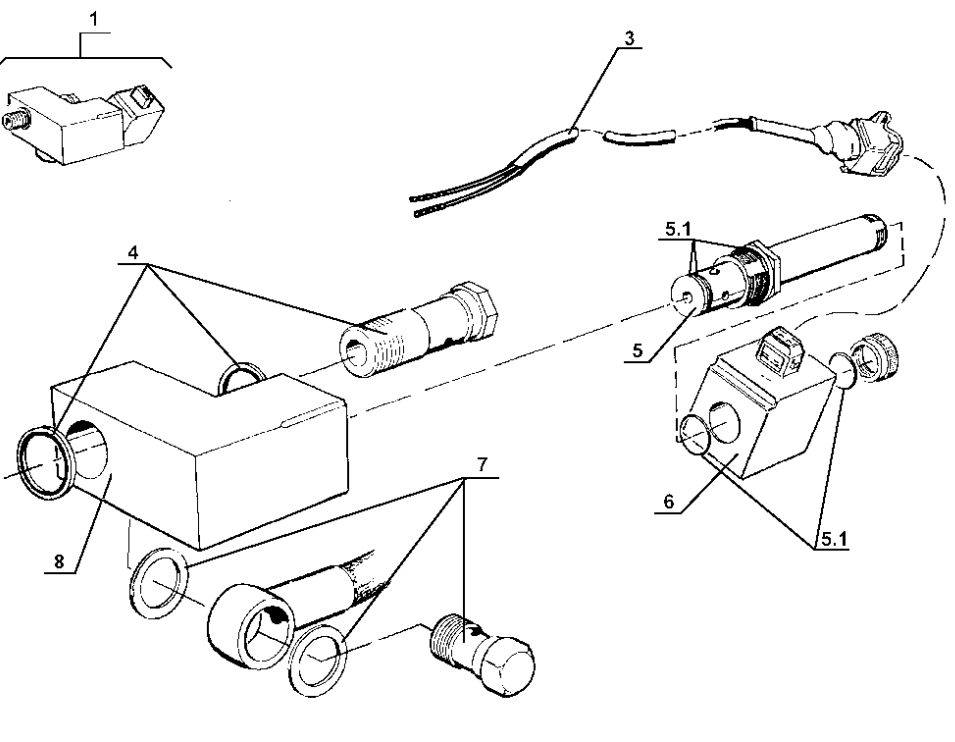
WALTCO LIFT CORP.
BZ-33/44/55
WZ-44/55

REVISED: 8-1-09
E.O. 6251
REV. 01
PM-690B

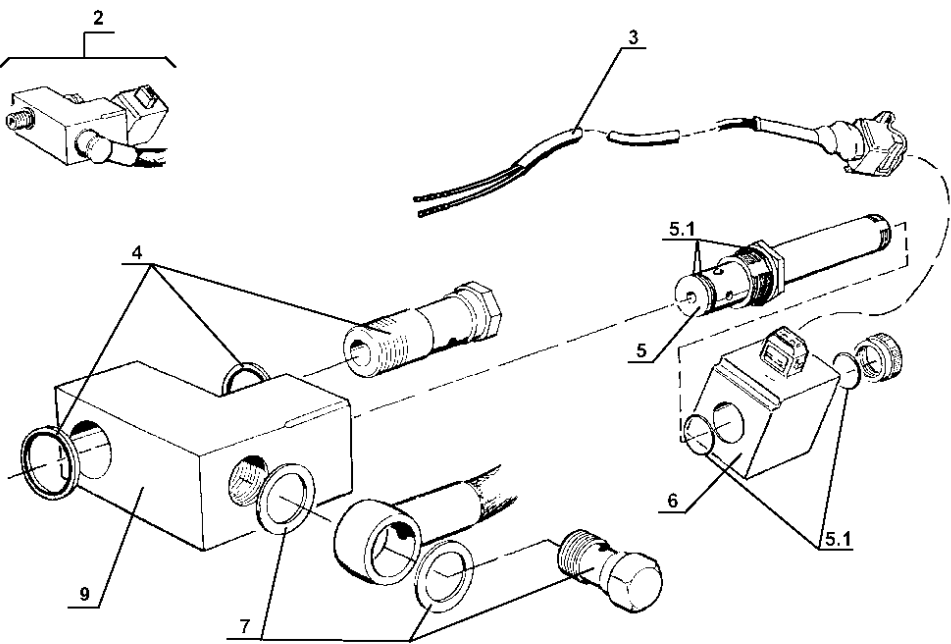
ITEM	PART NUMBER	QTY	DESCRIPTION
-	70402300	1	Pump unit, 2900/1300 psi
1	70402301	1	Valve block
2	70402302	1	Pump
3	70401507	1	O-Ring
4	70091719	1	Shaft seal
5	70401204	1	O-Ring
6	70401509	1	Screw
7	70091731	1	Tube
8	70091730	1	Filter
9	70402305	1	Tube
10	70402306	1	Tube, elbow
11	70402307	1	Tube
12	70092313	1	Motor, Super Duty, 12VDC
13	70402007	2	O-Ring
14	70402308	1	Oil tank
15	70401404	1	Breather
16	70402317	1	Fitting, SAE9/16-18 male to 3/8 BSPP male
17	70402310	2	Socket head screw
18	70091738	6	Screw
19	70092355	2	Relief valve
20	70402311	1	Valve block
21	70402312	1	Flow control
22	70401206	2	Plug
23	70402303	1	Coil, 10V, 25W
24	70402314	2	Cartridge
25	70402315	2	Coil, 12V
26	70401212	1	Cartridge
27	70090090	1	Screw, Pan HD, #10-32 x 5/16"
28	70091721	1	Bearing

GEN 3 BZ, RZ & WZ ELECTRIC SAFETY LOCK VALVES
(All Years)

LIFT CYLINDER



TILT CYLINDER



WALTCO
TRUCK EQUIPMENT CO.
BZ-33, 44, 55

REVISED: 2-28-05
E.O. 5515
REV. 01

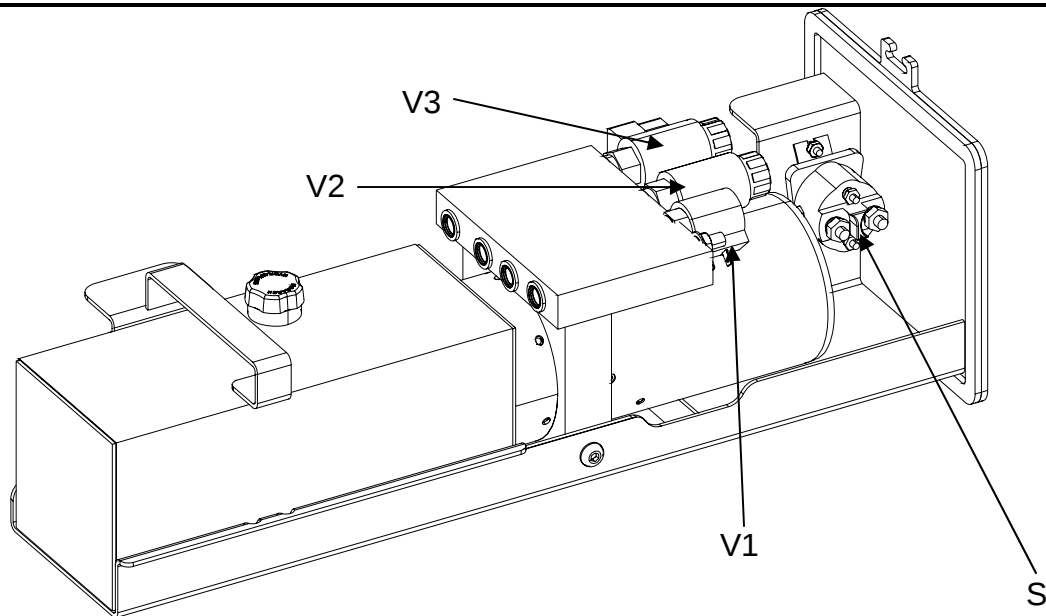
PM-675

ITEM	PART NUMBER	QTY	DESCRIPTION
1	Z54129	1	EL. SAFETY VALVE 12V (LIFT) COMP.
2	Z54131	1	EL. SAFETY VALVE 12V (TILT) COMP.
3	Z66652	1	CABLE SET L= 138" LG.
4	Z31845	1	SWIVEL VALVE COMP.
5	Z22199	1	VALVE EXCLUDING MAGNET
5.1	Z31521	1	O-RING SET
6	Z21663	1	MAGNET 12V
7	Z31174	1	SWIVEL VALVE COMP.
8	Z54114	1	VALVE HOUSING
9	Z66752	1	VALVE HOUSING

LEVEL LIFT HYDRAULICS & CONTROLS - Generation 3 - WZ Series

(Built from 9-04 – see note below)

Note: For assistance on how to tell which Generation (2 or 3) WZ you have, refer to the diagrams on these pages and the [Liftgate Terminology](#) section at the beginning of this document.



Common Features

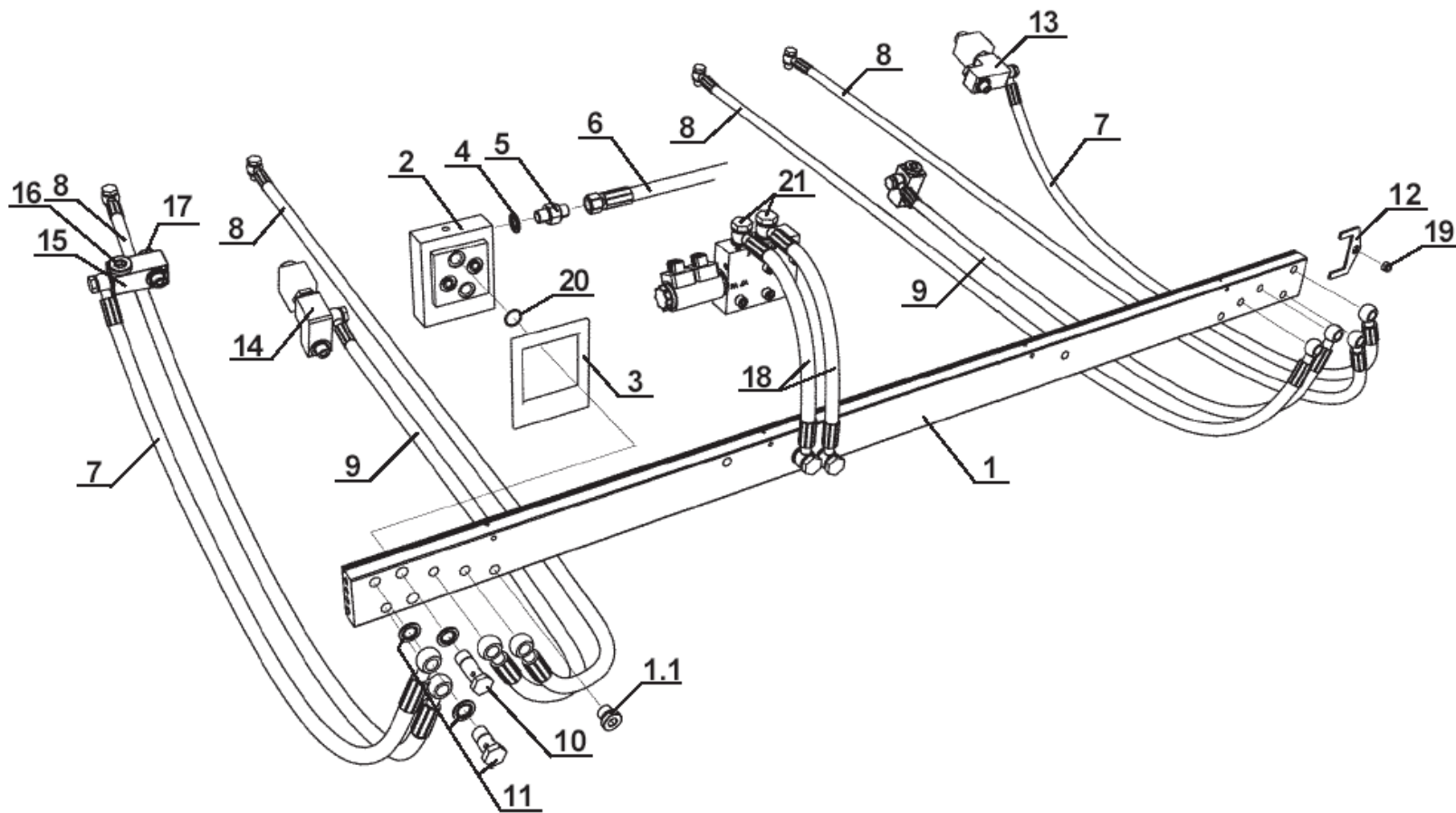
- * Super Switch (Multi-plexing two-wire digital) controls
- * Auto-Tilt System for platform (thru 12-05)
- * Pump in Slide Tray in Curb side of Mount Tube Assembly

	BZ-33, 44, 55
Liftgate Hydraulic Components	PM-686
Hydraulic Pump and Tray Assembly	PM-649 Built 12-05 thru 7-06 PM-649A Built 7-06 thru 4-07 PM-649B Built from 4-07
Pump	PM-690 Built 12-05 thru 7-06 PM-690A Built 7-06 thru 4-07 PM-690B Built from 4-07
Cylinder Lock Valves	PM-675
In/Out Valve	PM-687
Switches & Controls	PM-650 Built 3-05 thru 7-06 PM-650A Built from 7-06
Lift Cylinder	PM-664
Tilt Cylinder	PM-813
Auto-Tilt Cylinder	PM-637 Built thru 12-05

80101108 Rev. 04 8-09

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

GEN 3 WZ HOSES
(All Years)



WALTCO LIFT CORP.
WZ-44/55

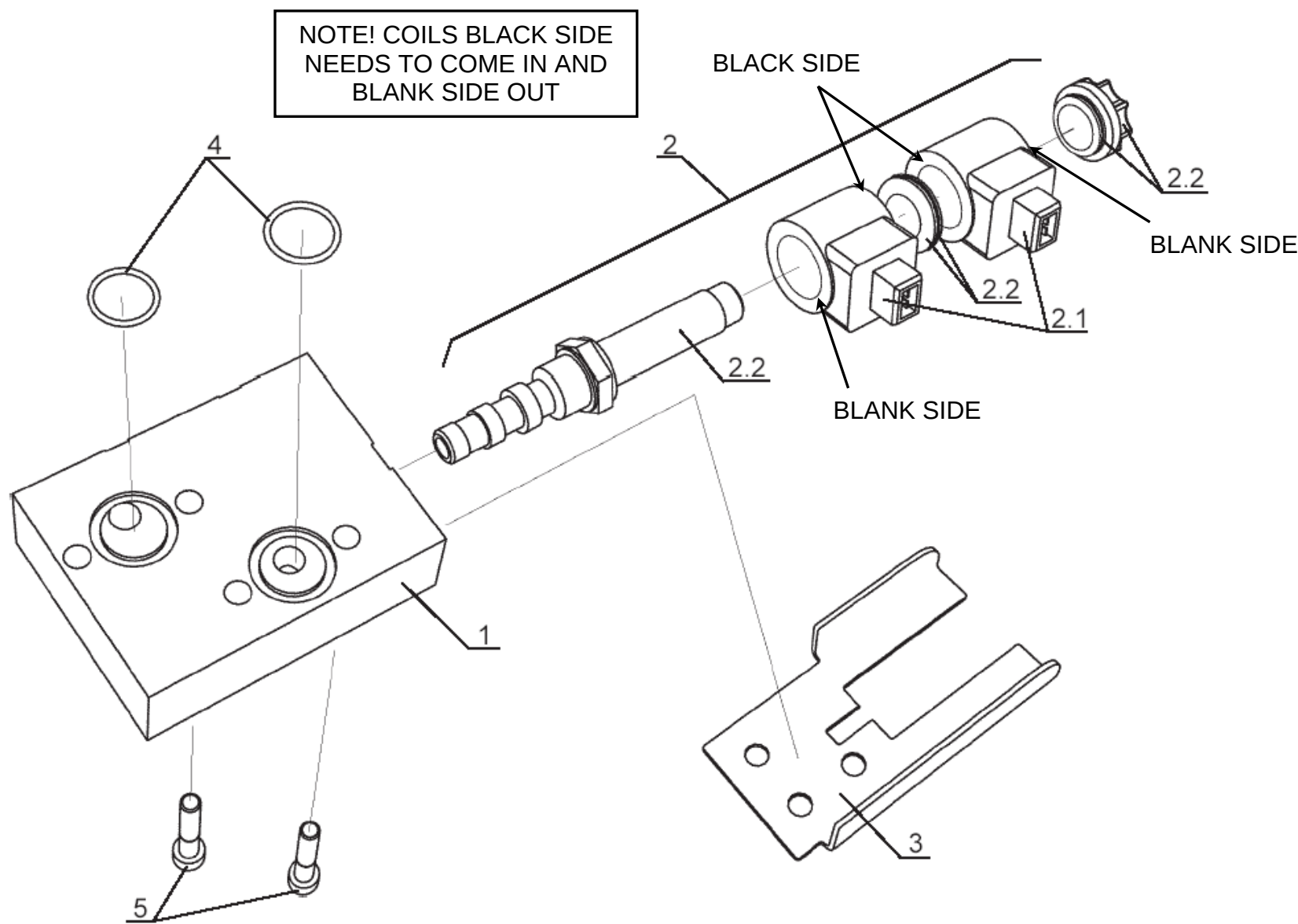
REVISED: 6-4-08
E.O. 6066
REV. 02

PM-686

ITEM	PART NUMBER	QTY	DESCRIPTION
1	Z32563	1	Aluminum rail, L=65-3/8"
1.1	Z20515	4	Plug
2	Z52040	1	Connection block
3	Z52043	1	Sealing
4	Z20942	4	Washer
5	Z20356	4	Adapter
6	Z21672	4	Hydraulic hose, 1/4" L=42-1/8"
7	Z22179	2	Hydraulic hose, 1/4" L=24-3/8"
8	Z22061	4	Hydraulic hose, 1/4" L=33-1/2"
9	Z22224	2	Hydraulic hose, 1/4" L=25-5/8"
10	Z52012	2	Swivel connector
11	Z31174	18	Swivel valve
12	Z52083	2	Clamp
13	Z54131*	1	EL. Safety Valve (Tilt)
14	Z54129*	1	EL. Safety Valve (Lift)
15	Z52263	1	Connection adapter
16	Z20515	1	Plug
17	Z32373	1	Swivel valve, complete
18	Z22181	2	Hydraulic hose, 1/4" X 37.5"
19	Z21025	2	Nut
20	Z22158	4	O-ring
21	Z32193	2	Swivel connector, complete

* See [PM-675](#) for break-down of EL. Safety Valve

GEN 3 WZ VALVE SYSTEM
(All Years)



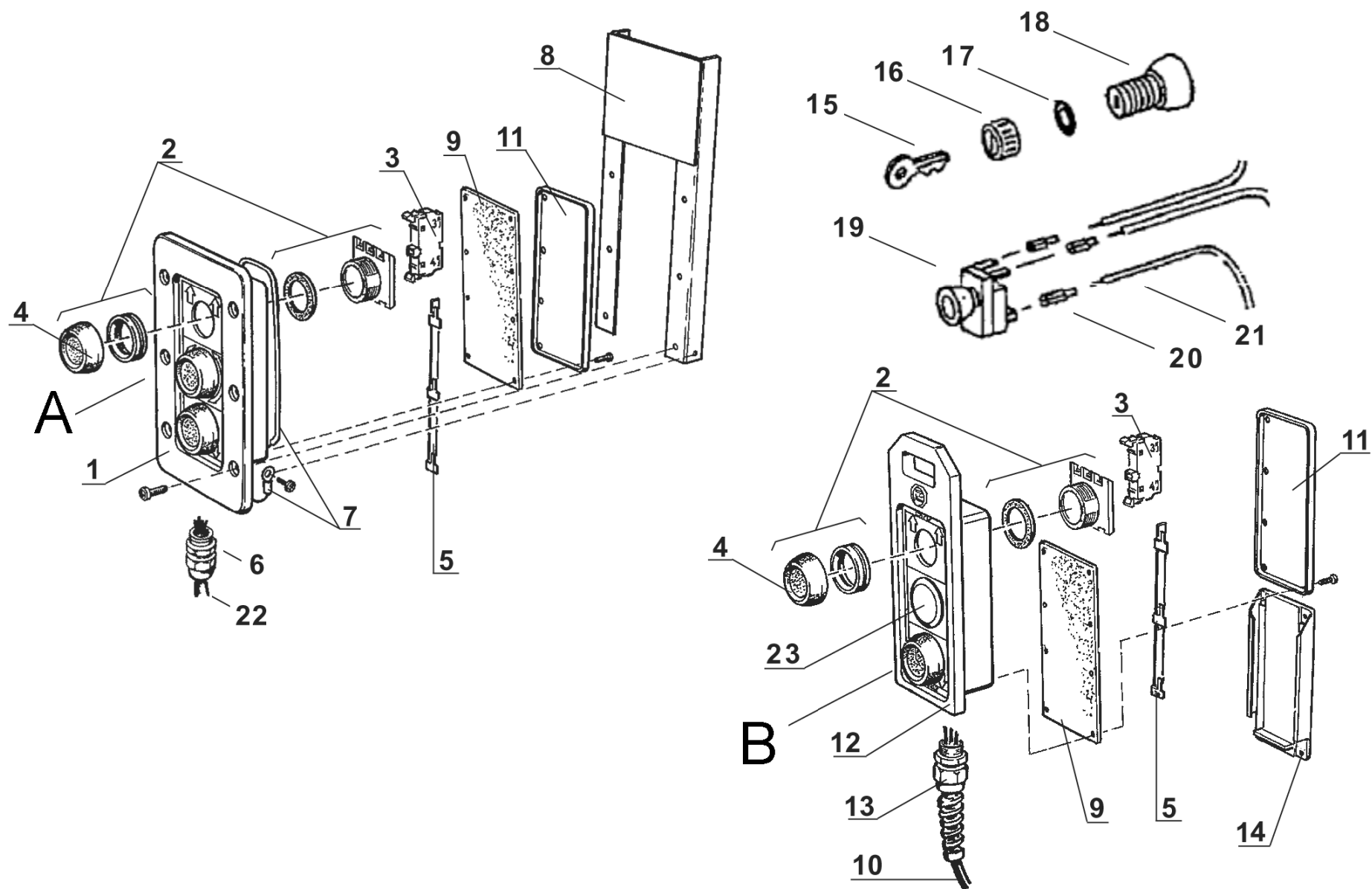
WALTCO LIFT CORP.
WZ-44/55

REVISED: 9-6-05
E.O. 5561
REV. 01

PM-687

ITEM	PART NUMBER	QTY	DESCRIPTION
-	Z52193	1	Valve system, 12V, complete. Pos. 4 and 5 not included
1	Z32547	1	Valve block
2	Z32470	1	Valve, 12V, complete
2.1	Z32472	2	Coil, 12V
2.2	Z32475	1	Gasket set for coils
3	Z52283	1	Cover
4	Z32469	2	O-Ring
5	Z21920	4	Screw

GEN 1 & 2 BZ, GEN 1, 2 & 3 RZ CONTROL UNITS
(All Years)



WALTCO
TRUCK EQUIPMENT CO.
BZ & RZ SERIES

REVISED: 2-1-04
E.O. 5221A
REV. 05
PM-248A

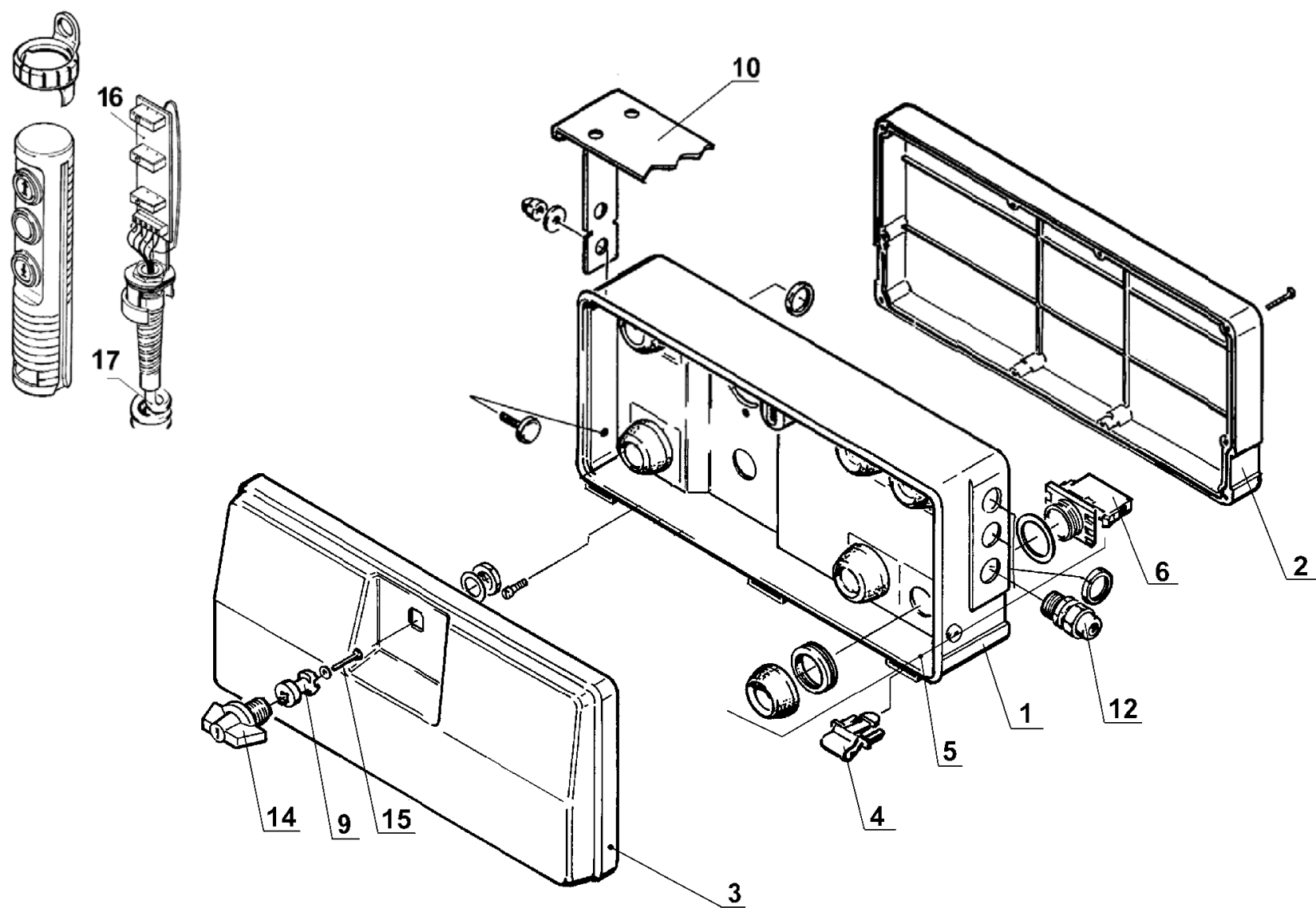
ITEM	PART NUMBER	QTY	DESCRIPTION
A	75089948	1	Permanent (Outside) Switch Assembly Complete
B	75089946 ^E	1	Remote (Inside) Switch Assembly Complete
B	Z31146	1	Remote (Inside) Switch Assembly Complete, 2- switches.
1	75089919	1	Case For 75089948
2	75098329 ^{CD}	3	Push Button
3	75098328 ^{CD}	3	Switch
4	75089922	3	Rubber Button
5	75098330	1	Metal Connector
6	75089923	1	Cable Seal
7	75089924	1	Heating Element (12v)
8	75089926	1	Bracket
9	75098331	1	Seal
10	75089927	1	Coil Cord
11	75098332	1	Cover
12	75089920	1	Case For 75089946
13	75098333	1	Cable Seal
14	75089928	1	Bracket
15	75089783	1	Key
16	75089769	1	Rubber Cap
17	75000030	1	O-Ring
18	75089782	1	Key Switch
19	75089932	1	Push/Pull Cab Switch
20	75082017	3	14 Ga. Blade Type Connector
21	75089983	1	14 Ga. X 50 Ft. Wire
22	75089984	1	3-Wire Cord
23	Z20282	1	Cover plug

^C Included in Switch Replacement Kit 80000915.

^D Liftgates built prior to 6-99 used double poll (4 terminals) switches. When replacing switches for liftgates built prior to 6-99, you must order kit 80000915. [Refer to Tech Tip TT990030 for additional information.](#)

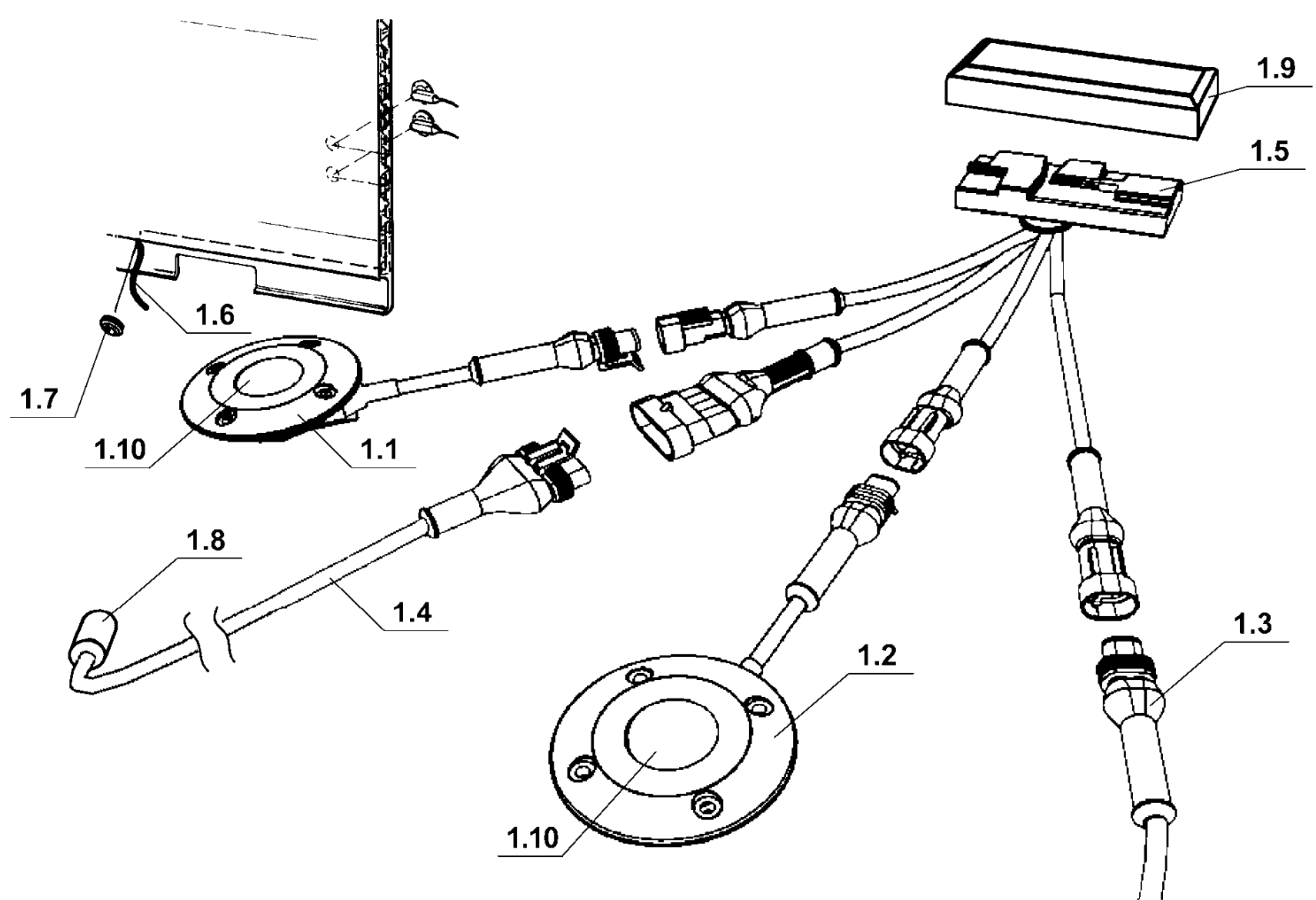
^E Wire colors in the Remote Control changed on 3-1-04. [Refer to Tech Tip TT040005 for wiring instructions when replacing an older Remote Control on any BZ or RZ liftgate.](#)

GEN 2 WZ CONTROLS
 (All Years)



ITEM	PART NUMBER	QTY	DESCRIPTION
-	Z69262	1	Control unit, 12 volt, includes Z21866
1	Z68689	1	Case for Z69262
2	Z68598	1	Base case
3	Z68599	1	Cover
4	Z68600	2	Pivot
5	75098329	5	Switch
6	75098328	5	Contact block "Green"
9	Z68601	1	Lock Bolt
10	Z68555	1	Support bracket
12	75098345	3	Rubber collar PG 13.5
14	Z21352	1	Locking handle
15	Z20782	1	Screw
18	Z21866	1	Remote control unit 3 buttons, 12 Volt
16	Z32150	1	Circuit card 12 Volt
17	Z21303	1	Spiral cable, 5-leader

GEN 2 WZ FOOT CONTROLS
(All Years)



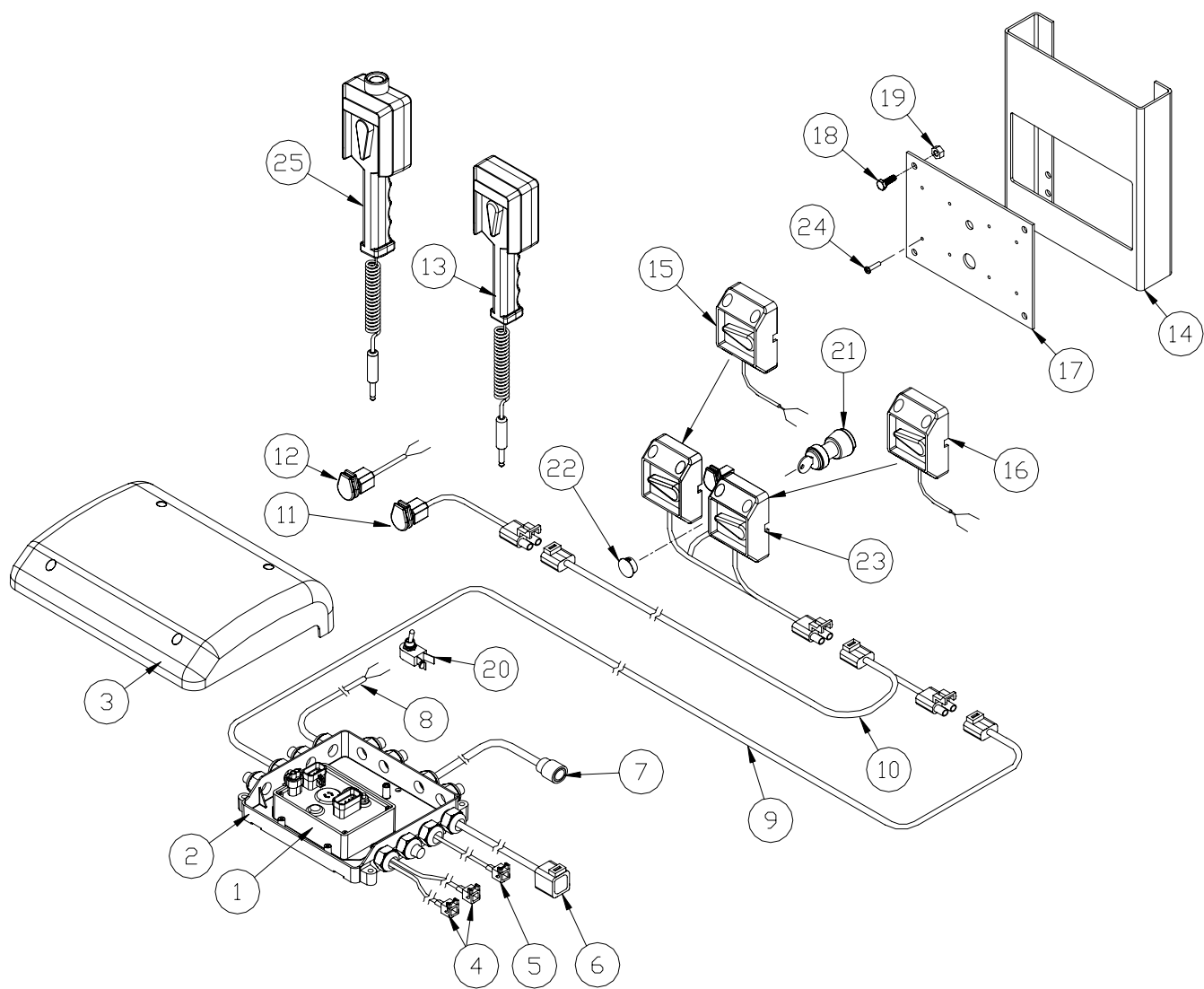
WALTCO LIFT CORP.
BZ-22/33/44, WZ-44

REVISED: 8-7-03
E.O. 5150
REV. 01

PM-605

ITEM	PART NUMBER	QTY	DESCRIPTION
1	Z69086-T	1	Foot control unit
1.1	Z69088	1	Switch "Heben" / "Raise"
1.2	Z69087	1	Switch "Senken" / "Lower"
1.3	Z69091	1	Cable electric box-light
1.4	Z69090	1	Cable lift-platform
1.5	Z69089	1	Electric box
1.6	Z21847	1	Protective cable
1.7	Z21217	1	Rubber collar
1.8	Z21722	1	Block terminal
1.9	Z69093	1	Cover

GEN 3 BZ & WZ CONTROL UNITS
 (Built thru 12-05)



WALTCO
TRUCK EQUIPMENT CO.
BZ-33, 44, 55
WZ-44/55

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

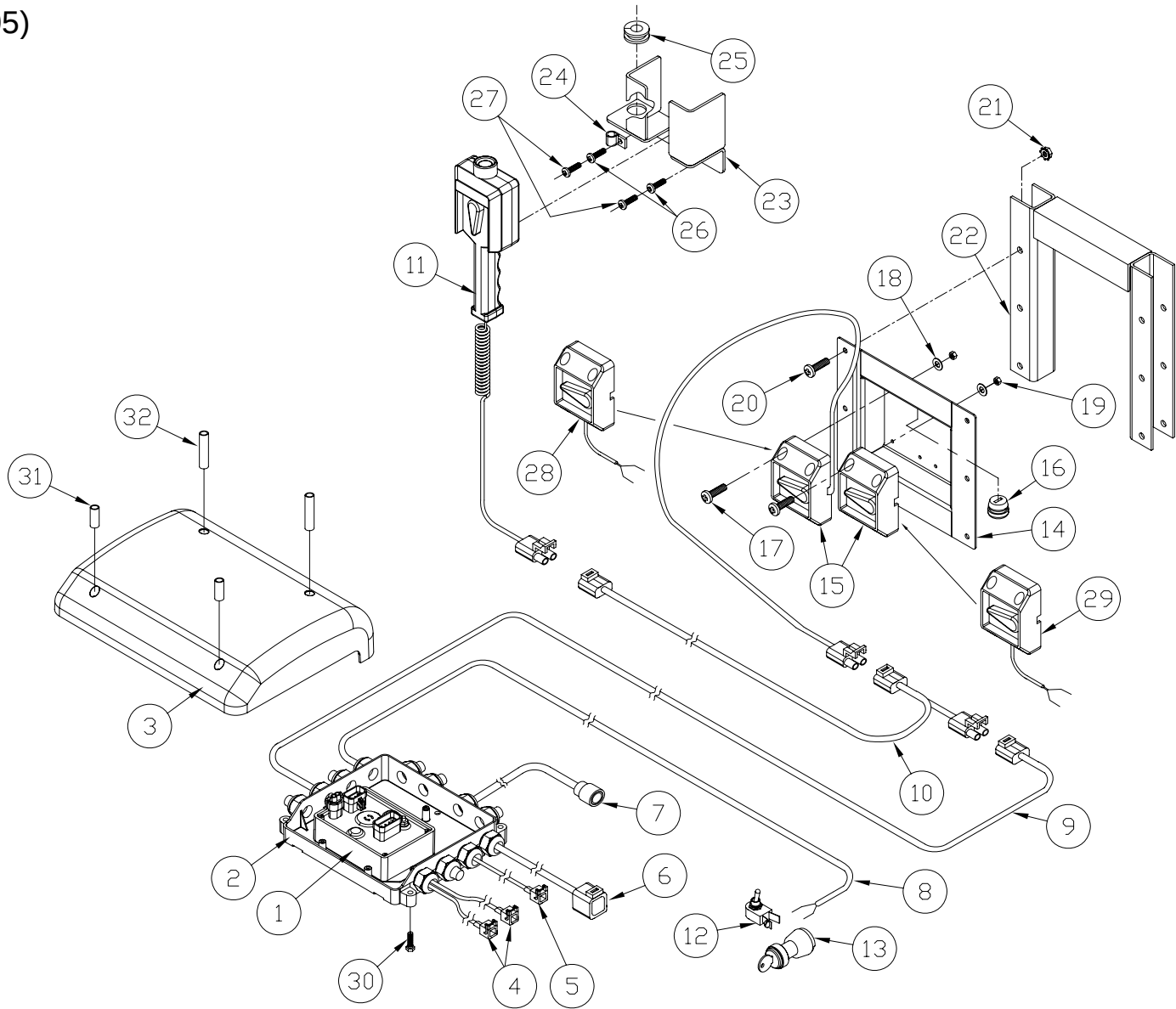
PM-650

ITEM	PART NUMBER	QTY	DESCRIPTION
1	16692000	1	Control unit
2	Z52104	1	Control unit box
3	Z52105	1	Control unit cover
4	Z66652	2	Lock valve cable, sliders
5	Z66652	2	Lock valve cable
6	16612240	1	Warning light cable
7	Z54126	1	Cable, from control box to pump unit
8	16625220	1	Cabin switch cable
9	16625210	1	Controls cable
10	16695250	1	Dual control cable, 120"
11	16695260 ^A	1	Remote socket with connector
12	16695320 ^A	1	Remote socket without connector
13	16695200 ^A	1	Hand held remote, Raise / Lower
-	16695000	1	Outside controls, complete (includes 14, 17, 18, 19 and 22)
14	16695120	1	Bracket, outside controls
15	16695300	1	Raise/lower switch without connector
16	16695310	1	Tilt switch without connector
17	16695110	1	Switch mount plate
18	75086030	4	Hex Bolt, ¼" x ¾"
19	75085090	4	Hex Nut, ¼"
20	75089807	1	Cabin switch
21	80000582	1	Key switch (optional)
22	75082867	1	Plug
23	16695130 ^B	1	Outside controls with connector Raise/Lower and Tilt + hand held socket
24	75086860	8	Screw
25	16695210 ^A	1	Hand held remote, Raise / Lower / Tilt (optional)

NOTES:

- A. These components are no longer available. When replacing any of these components use kit number 80001098. This kit will convert the remote to a hard-wired version mounted on the inside side of the vehicle. Contact Waltco for further information if needed.
- B. This component is no longer available. When replacing it use part 16695140. This new part does not include the remote socket. If you have a remote with a plug, it will have to be converted to a hard-wired version mounted on the inside side of the vehicle. Contact Waltco for further information if needed.

GEN 3 BZ & WZ CONTROL UNITS
 (Built from 12-05)



WALTCO LIFT CORP.
BZ-33/44/55
WZ-44/55

REVISED: 6-4-08
 E.O. 6067
 REV. 06
PM-650A

ITEM	PART NUMBER	QTY	DESCRIPTION
1	16692000	1	Control unit
2	Z52104	1	Control unit box
3	Z52105	1	Control unit cover
4	Z66652	2	Lock valve cable, sliders
5	Z66652	2	Lock valve cable
6	16612240	1	Warning light cable
7	Z54126	1	Cable, from control box to pump unit
8	16625220	1	Cabin switch cable (BZ = 29'-7" lg.)
	15525220	1	Cabin switch cable (WZ = 37'-11" lg.)
9	16625210	1	Controls cable (BZ = 7'-1" lg.)
	15592402	1	Controls cable (WZ = 17'-6" lg.)
10	16695250	1	Dual control cable, 120"
11	16695215 ^C	1	Hand held remote, Raise / Lower / Tilt
12	75089807	1	Toggle Switch
13	80000582	1	Key-Switch service kit
14	16695401 ^{A/B}	1	Control Box, Recessed
15	15592401 ^A	1	Sidewall Controls (WZ)
	16695140 ^B	1	Sidewall Controls (BZ)
16	75080063 ^{A/B}	1	Strain Relief
17	75086601 ^{A/B}	8	Screw, #8-32x .75
18	75088050 ^{A/B}	8	3/16 Flat Washer
19	75085160 ^{A/B}	8	Nylon Lock Nut, #8-32
20	75086703 ^{A/B}	6	Screw, ¼-20 x .5
21	75085001 ^{A/B}	6	Hex Nut, Serrated, ¼-20
22	16695500	1	Mtg. Bracket for mounting Recessed Control Box as Rub-Rail Outside Controls
23	16695560 ^C	1	Hanging Bracket for Hand Held Remote
24	75082881 ^C	1	Hose Clamp, Insulated
25	75089313 ^C	1	Rubber Grommet
26	75087550 ^C	2	Wood Screw, #10 x .75 Lg.
27	75086854 ^C	2	Screw, ¼-20 x .625 Lg. Self-tapping
28	16695300	1	Raise / Lower switch without connector
29	16695310	1	Tilt switch without connector (BZ)
	15592900	1	Tilt / Slide switch without connector (WZ)
30	Z21570	4	Screw
31	Z53108	2	Plastic nut, L=3/4"
32	Z53107	2	Plastic nut, L=1-3/16"

- A Included in Recessed Control Box "WZ" (complete) 15592400
- B Included in Recessed Control Box "BZ" (complete) 16695400
- C Included in Kit 80001098 (Hand Held Remote – raise / lower / tilt)

LEVEL LIFT SERIES CYLINDER Parts Drawings

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

Generation 1 - BZ & RZ Series

Part Number	Description	PM No.
14280050	RZ-10-135 Lift Cylinder	PM-495
14280090	RZ-10-135 Tilt Cylinder	PM-496
14380050	BZ-15-149 Lift Cylinder	PM-497
14380090	BZ-15-149 Tilt Cylinder	PM-498
14480050	RZ-20-152 & BZ-20-152 Lift Cylinder	PM-499
14480090	RZ-20-152 & BZ-20-152 Tilt Cylinder	PM-500
14480080 ^A	RZ-20-151 Lift and Tilt Cylinder ^A	PM-501

Generation 2 – BZ & WZ Series

Part Number	Description	PM No.
Z68541	BZ-22, 33, 44, WZ-44 Lift Cylinder	PM-635
Z69702	BZ-22, 33, 44 Short Arm (29-1/2") Tilt Cylinder	PM-636
Z69703	BZ-22, 33, 44 Long Arm (34-1/4") Tilt Cylinder	PM-636
Z64147	WZ-44 Short Arm (29-1/2") Tilt Cylinder	PM-812
Z64146	WZ-44 Long Arm (34-1/2") Tilt Cylinder	PM-812
Z67771	BZ-22, 33, 44 Auto Tilt Cylinder	PM-637

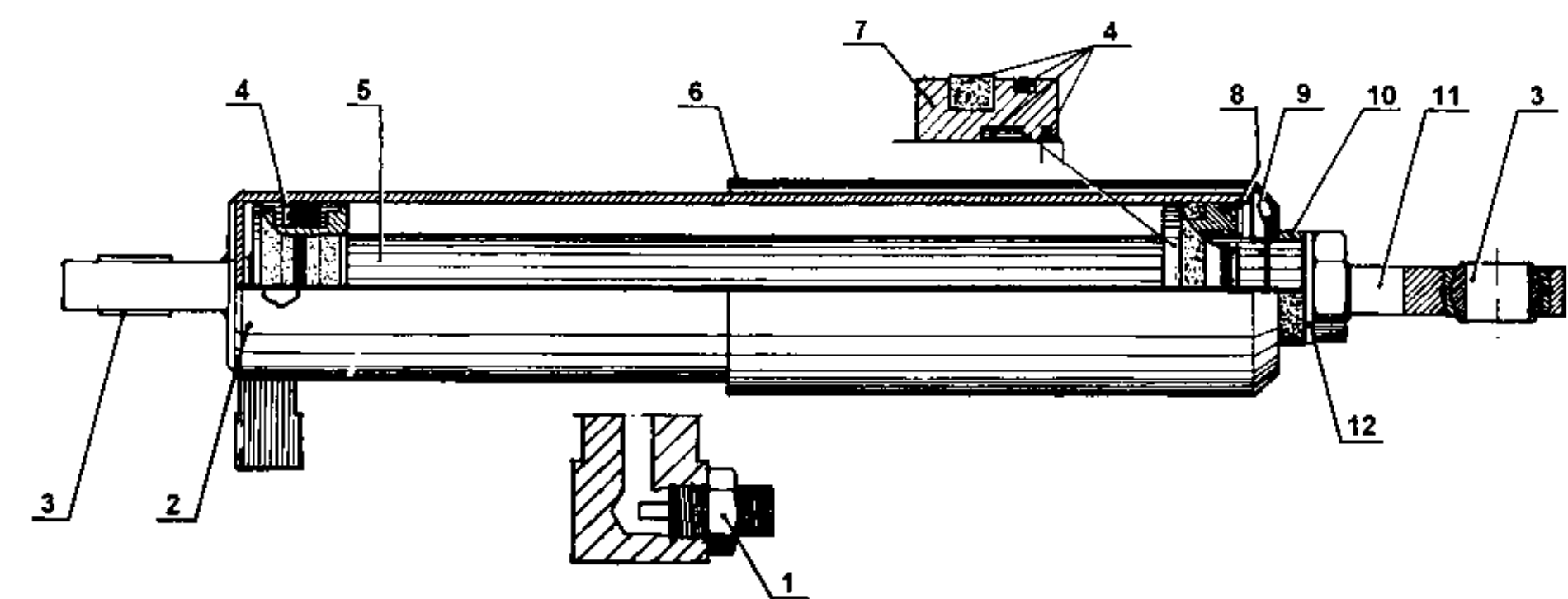
Generation 3 – BZ, RZ & WZ Series

Part Number	Description	PM No.
Z52031	BZ-33, 44 Short Arm (29-1/2") Lift Cylinder	PM-664
Z52032	BZ-33, 44 Long Arm (34-1/4") Lift Cylinder	PM-664
Z51581	BZ-55, WZ-44, 55 Short Arm (29-1/2") Lift Cylinder	PM-664
Z51582	BZ-55 Long Arm (34-1/4") Lift Cylinder	PM-664
Z52021	BZ-55 Short Arm (29-1/2") Tilt Cylinder	PM-663
Z52022	BZ-55 Long Arm (34-1/4") Tilt Cylinder	PM-663
Z52029	WZ-44, 55 Short Arm (29-1/2") Tilt Cylinder	PM-813
Z52023	BZ-33, 44 Short Arm (29-1/2") Tilt Cylinder	PM-663
Z52024	BZ-33, 44 Long Arm (34-1/4") Tilt Cylinder	PM-663
Z51439	RZ-22 Lift Cylinder, Lift Height 52"	PM-662
Z51169	RZ-22 Lift Cylinder, Lift Height 43"	PM-662
Z52952	RZ-22 Tilt Cylinder, Lift Height 52"	PM-661A
Z52954	RZ-22 Tilt Cylinder, Lift Height 43"	PM-661A
Z67771	BZ-33, 44, 55 Auto Tilt Cylinder	PM-637

NOTES:

^A This cylinder was never used on any Waltco Manufactured & sold BZ or RZ liftgates. It was used on some older liftgates sold in the United States by Zepro USA prior to 1988 and we stock it and parts for it for these older liftgates.

GEN 1 RZ-10-135 LIFT CYLINDER (14280050)



WALTCO
TRUCK EQUIPMENT CO.
14280050

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

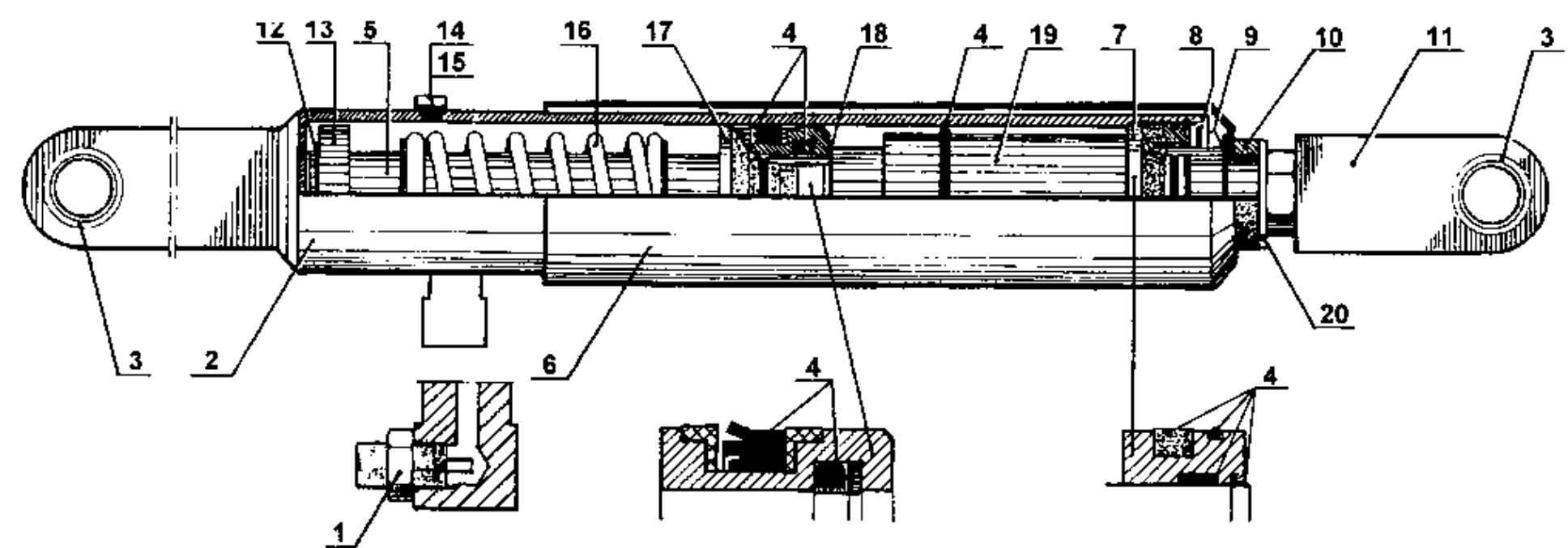
PM-495

ITEM	PART NUMBER	QTY	DESCRIPTION
	14280050		Cylinder Complete
1	Z31132	1	Valve (Not included with new cylinder)
2	14282050	1	Cylinder Barrel
3	14281601	2	Bearing
4	14280055	1	Seal Kit
5	14287501	1	Piston and Rod
6	14280101	1	Protective Case
7	14280290	1	Nose Bearing
8	75089966	1	Snap Ring
9	14281701	1	Washer
10	14281801	1	Support Collar
11	14280901	1	Clevis w/Bearing
12	Z31203	1	Support Washer

Notes: 1. Not all parts are stocked by Waltco
2. (Zepro P/N)

3. Outside Diameter = 3-1/8"
4. Retracted Length = 22-5/8"
5. Extended Length = 35-5/8"
6. Item 1 NOT INCLUDED with new cylinder (Must be ordered separately).

GEN 1 RZ-10-135 TILT CYLINDER (14280090)



WALTCO
TRUCK EQUIPMENT CO.
14280090

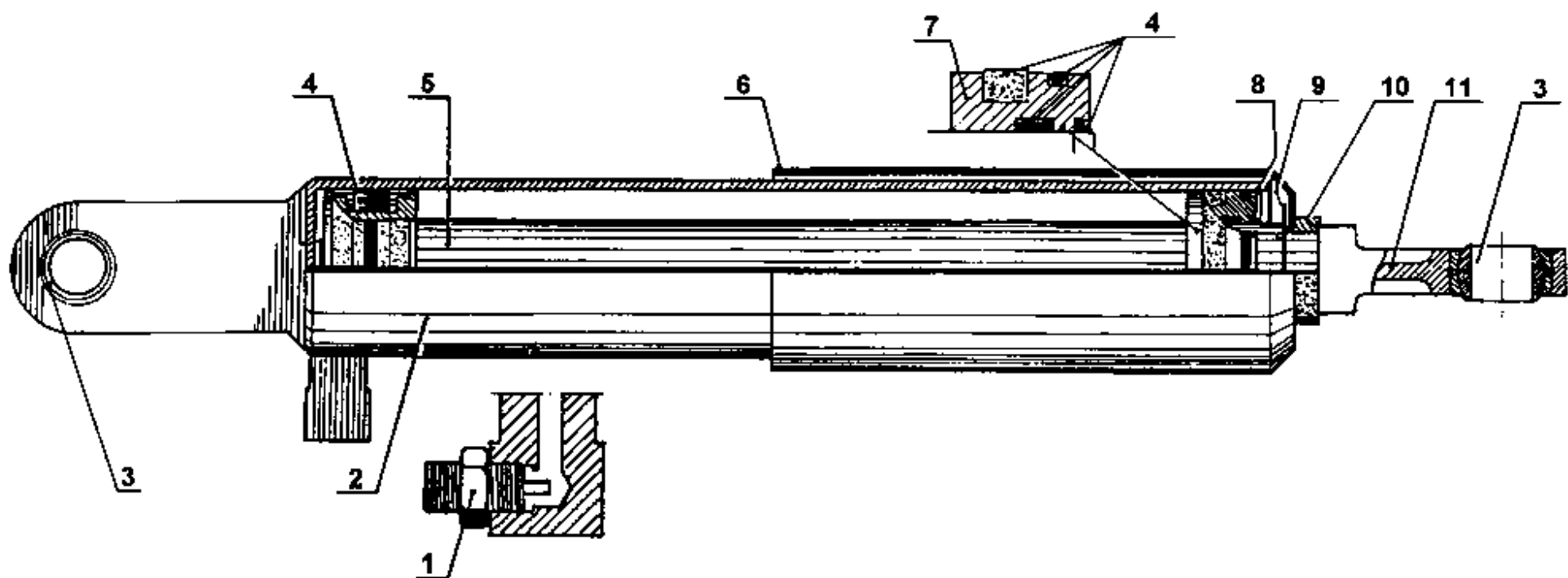
REVISED: 8-1-09
E.O. 6251
REV. 04

PM-496

ITEM	PART NUMBER	QTY	DESCRIPTION
	14280090		Tilt Cylinder Complete
1	Z31132	1	Valve (Not included with new cylinder)
2	14282090	1	Cylinder Barrel
3	14281601	2	Bearing
4	14280095	1	Seal Kit
5	14281090	1	Piston Rod
6	14280101	1	Protective Case
7	14280290	1	Nose Bearing
8	75089966	1	Snap Ring
9	14281701	1	Washer
10	14281801	1	Support Collar
11	75090032	1	Clevis
12	75089967	1	Snap Ring
13	14280501	1	Limit Stop
14	75089964	1	Air Screw
15	75089965	1	Washer (Gasket)
16	14280401	1	Spring w/Guide
17	14281590	1	Piston
18	14280601	1	Support Ring
19	14280390	1	Spacer
20	Z31203	1	Support Washer

- Notes: 1. Not all parts are stocked by Waltco
2. (Zepro P/N)
3. Outside Diameter = 3-1/8"
4. Retracted Length = 28-5/8"
5. Extended Length = 35-1/8"
6. Item 1 NOT INCLUDED with new cylinder (Must be ordered separately).

GEN 1 BZ-15-149 LIFT CYLINDER (14380050)



WALTCO
TRUCK EQUIPMENT CO.
14380050

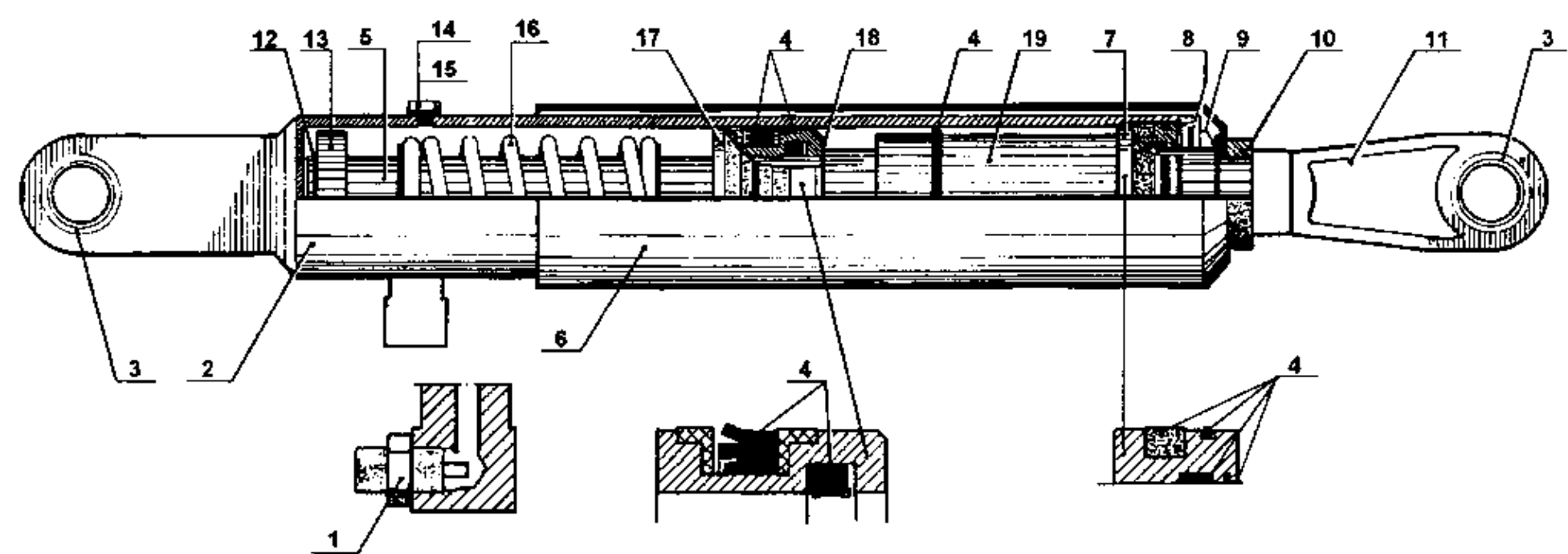
REVISED: 8-1-09
E.O. 6251
REV. 04

PM-497

ITEM	PART NUMBER	QTY	DESCRIPTION
	14380050		Cylinder Complete
1	Z31132	1	Valve (Not included with new cylinder)
2	14382050	1	Cylinder Barrel
3	14281601	2	Bearing
4	14280055	1	Seal Kit
5	14381050	1	Piston and Rod
6	14380101	1	Protective Case
7	14280290	1	Nose Bearing
8	75089966	1	Snap Ring
9	14281701	1	Washer
10	14281801	1	Support Collar
11	14380901	1	Clevis w/Bearing

- Notes: 1. Not all parts are stocked by Waltco
2. (Zepro P/N)
3. Outside Diameter = 3-1/8"
4. Retracted Length = 29-1/4"
5. Extended Length = 38-3/8"
6. Item 1 NOT INCLUDED with new cylinder (Must be ordered separately).

GEN 1 BZ-15-149 TILT CYLINDER (14380090)



WALTCO
TRUCK EQUIPMENT CO.
14380090

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

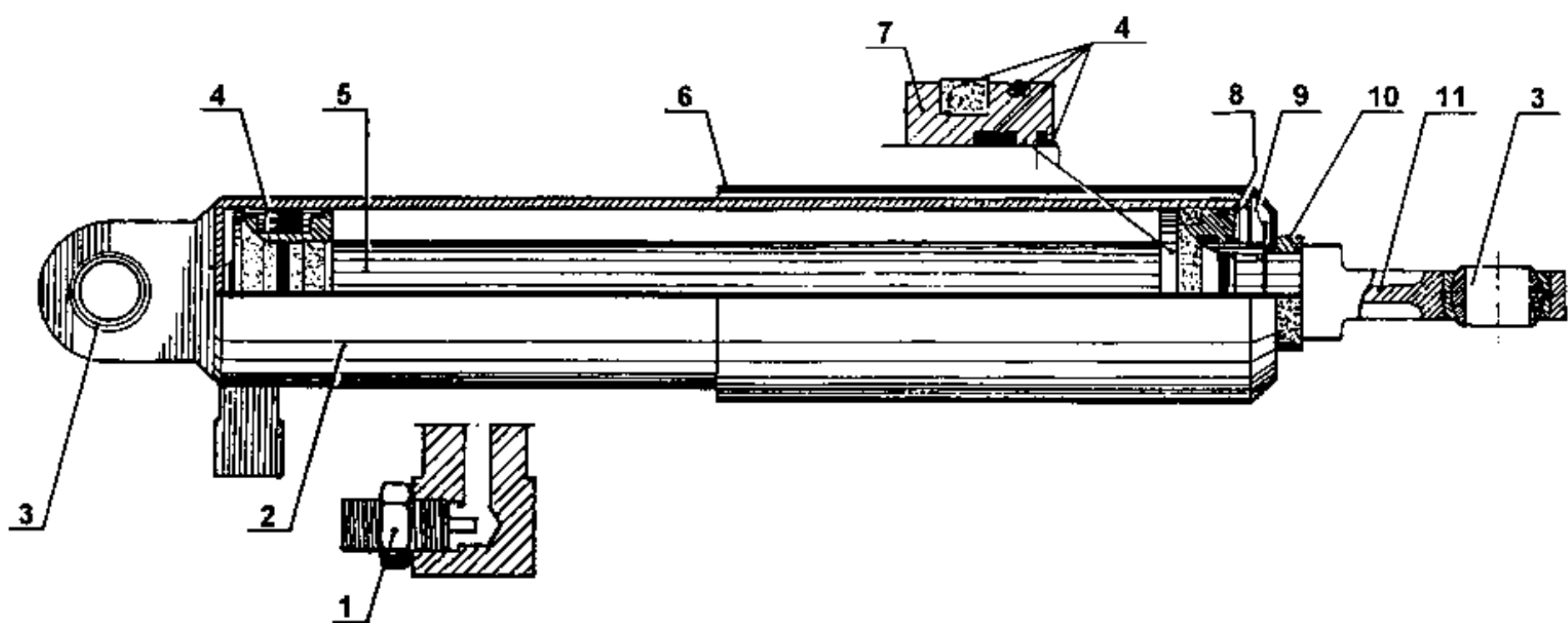
PM-498

ITEM	PART NUMBER	QTY	DESCRIPTION
	14380090		Tilt Cylinder Complete
1	Z31132	1	Valve (Not included with new cylinder)
2	14382090	1	Cylinder Barrel
3	14281601	2	Bearing
4	14280095	1	Seal Kit
5	14381090	1	Piston Rod
6	14280101	1	Protective Case
7	14280290	1	Nose Bearing
8	75089966	1	Snap Ring
9	14281701	1	Washer
10	14281801	1	Support Collar
11	14380901	1	Clevis w/Bearing
12	75089967	1	Snap Ring
13	14280501	1	Limit Stop
14	75089964	1	Air Screw
15	75089965	1	Washer (Gasket)
16	14280401	1	Spring w/Guide
17	14281590	1	Piston
18	14280601	1	Support Ring
19	14380301	1	Spacer

Notes: 1. Not all parts are stocked by Waltco
2. (Zepro P/N)

3. Outside Diameter = 3-1/8"
4. Retracted Length = 33-1/8"
5. Extended Length = 41-1/2"
6. Item 1 NOT INCLUDED with new cylinder (Must be ordered separately).

GEN 1 BZ-20-152, RZ-20-152 LIFT CYLINDER (14480050)



WALTCO
TRUCK EQUIPMENT CO.
14480050

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

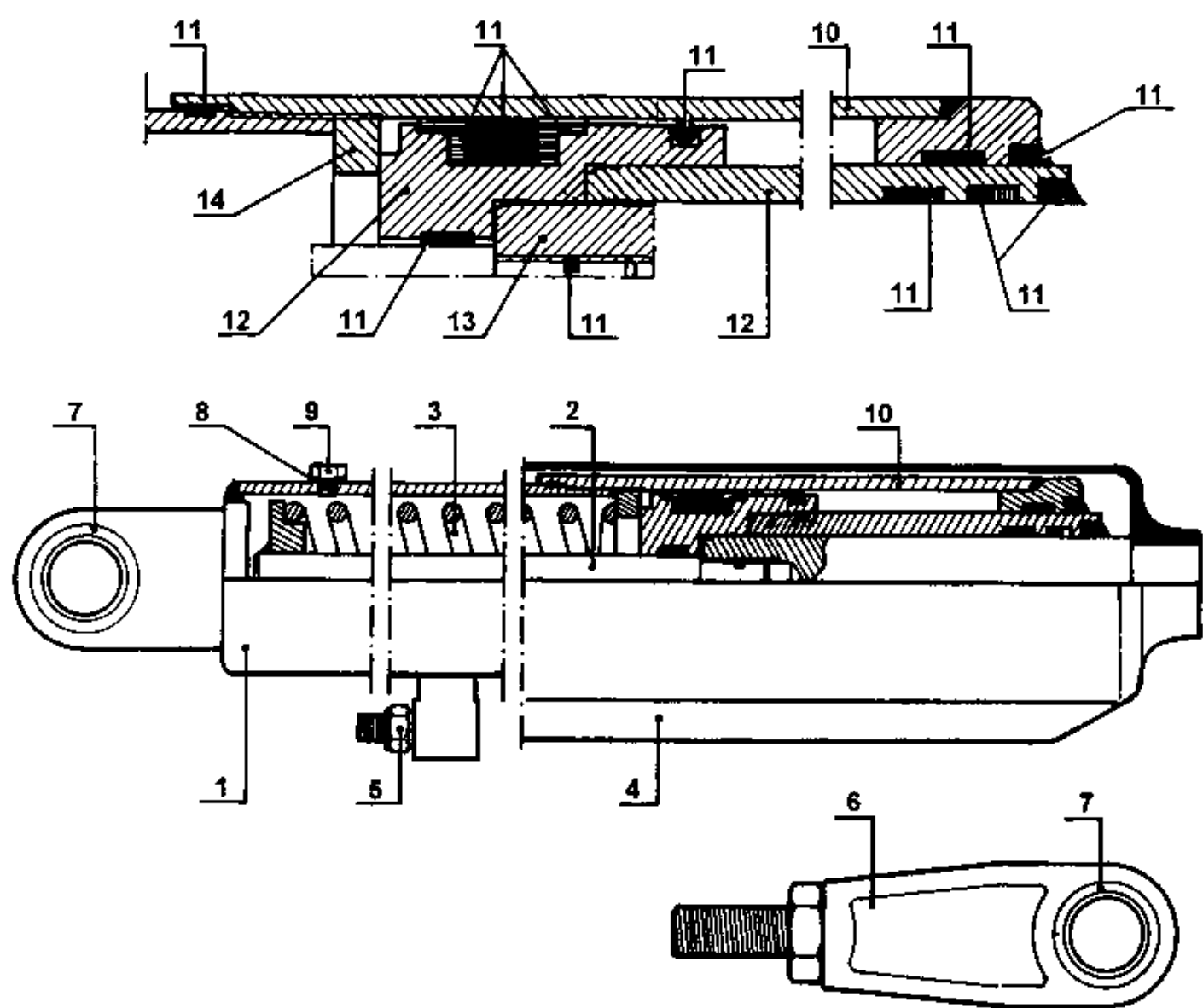
PM-499

ITEM	PART NUMBER	QTY	DESCRIPTION
	14480050		Cylinder Complete
1	Z31132	1	Valve (Not include with new cylinder)
2	14482050	1	Cylinder Barrel
3	14281601	2	Bearing
4	75090016	1	Seal Kit
5	14481050	1	Piston and Rod
6	14480101	1	Protective Case
7	14481090	1	Nose Bearing
8	75089929	1	Snap Ring
9	14281701	1	Washer
10	14281801	1	Support Collar
11	14380901	1	Clevis w/Bearing

Notes: 1. Not all parts are stocked by Waltco
2. (Zepro P/N)

3. Outside Diameter = 3-1/2"
4. Retracted Length = 29-1/4"
5. Extended Length = 39-1/16"
6. Item 1 NOT INCLUDED with new cylinder (Must be ordered separately).

GEN 1 BZ-20-152, RZ-20-152 TILT CYLINDER (14480090)



WALTCO
TRUCK EQUIPMENT CO.
14480090

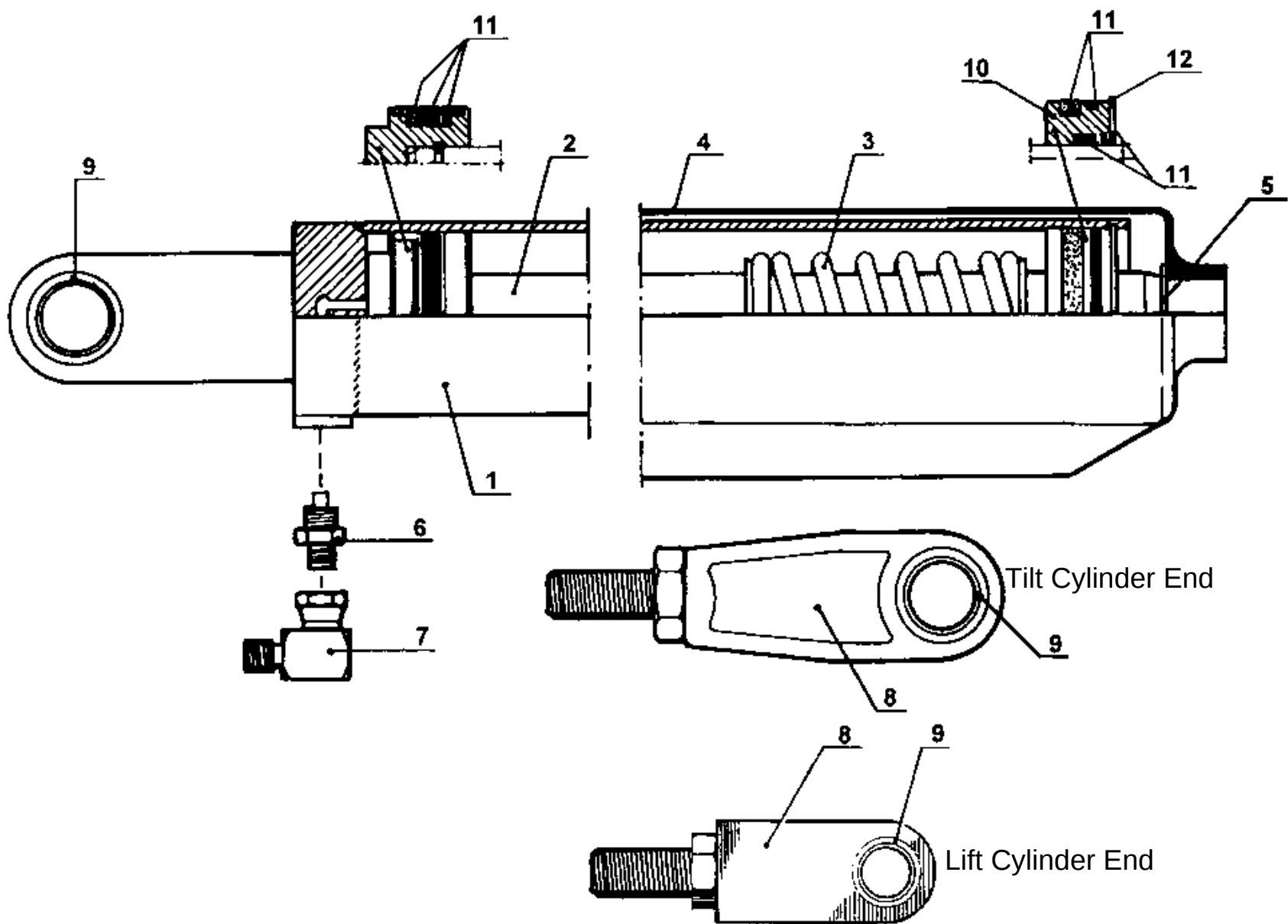
REVISED: 8-1-09
E.O. 6251
REV. 04

PM-500

ITEM	PART NUMBER	QTY	DESCRIPTION
	14480090		Tilt Cylinder
1	14480700	1	Cylinder Base
2	70091770	1	Drag Link
3	70091771	1	Spring
4	75090028	1	Protective Case
5	Z31132	1	Valve (Not included with new cylinder)
6	14380901	1	Clevis w/Bearing
7	14281601	1	Bearing
8	75089964	1	Air Screw
9	75089965	1	Washer (Gasket)
10	14482090	1	Cylinder Barrel
11	14480095	1	Seal Kit
12	14481090	1	Piston
13	75090127	1	Piston Rod
14	Z61192	1	Support Ring

- Notes: 1. Not all parts are stocked by Waltco
2. (Zepro P/N)
3. Outside Diameter = 3-1/2"
4. Retracted Length = 33"
5. Extended Length = 41-15/16"
6. Item 5 NOT INCLUDED with new cylinder (Must be ordered separately).

GEN 1 RZ-20-151 LIFT & TILT CYLINDERS (14480080)



WALTCO
TRUCK EQUIPMENT CO.
14480080

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

PM-501

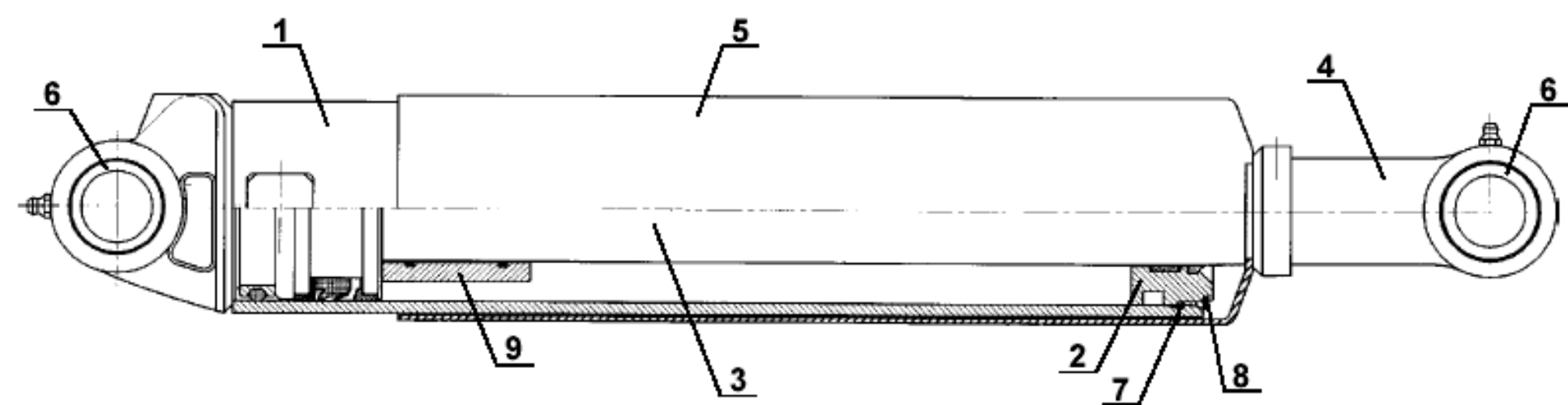
ITEM	PART NUMBER	QTY	DESCRIPTION
	14480080		Specify Tilt or Lift Cylinder (Same except item #8)
1	75090101	1	Cylinder Barrel
2	75090100	1	Piston Rod w/Piston
3	75090099	1	Spring w/Guide
4	75090028	1	Protective Case
5	75090022	1	Washer
6	Z31132	1	Valve (Not included with new cylinder)
7	Z20572	1	Adapter (Not included with new cylinder)
8	75090021 14380901	1	Clevis for Lift Cylinder Clevis for Tilt Cylinder
9	14281601	2	Bearing
10	75090098	1	Nose Bearing
11	75090016	1	Seal Kit
12	75089929	1	Snap Ring

Notes: 1. Not all parts are stocked by Waltco
2. Items 6 and 7 NOT INCLUDED with new cylinder (Must be ordered separately).

Lift Cylinder
3. Outside Diameter = 3-1/2"
4. Retracted Length = 28-5/8"
5. Extended Length = 37-7/8"

Tilt Cylinder
6. Outside Diameter = 3-1/2"
7. Retracted Length = 32-1/4"
8. Extended Length = 41-1/2"

GEN 2 BZ LIFT CYLINDER - Z68541



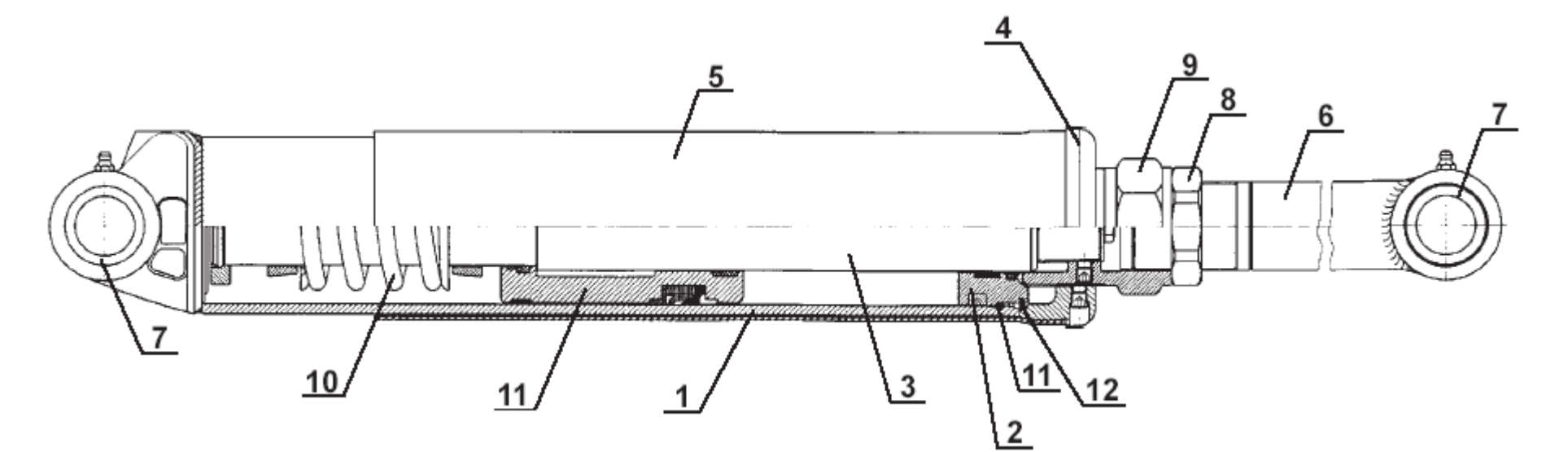
WALTCO
TRUCK EQUIPMENT CO.
LIFT CYLINDER - Z68541

REVISED: 2-1-04
E.O. 5221A
REV. 01

PM-635

ITEM	PART NUMBER	QTY	DESCRIPTION
	Z68541	1	Lift Cylinder Complete
	Z31182	1	Seal Kit
1	Z66499	1	Cylinder Barrel
2	Z64091	1	Cover
3	Z31977	1	Piston Rod
4	Z68545	1	Pressure Rod
5	Z64089	1	Protective Case
6	Z65110	1	Bushing
7	Z31939	1	Lock Wire
8	Z31938	1	Double Safety Ring
9	Z68548	1	Spacer

GEN 2 BZ TILT CYLINDER Z69702 (29-1/2" Arms) & Z69703 (34-1/4" Arms)



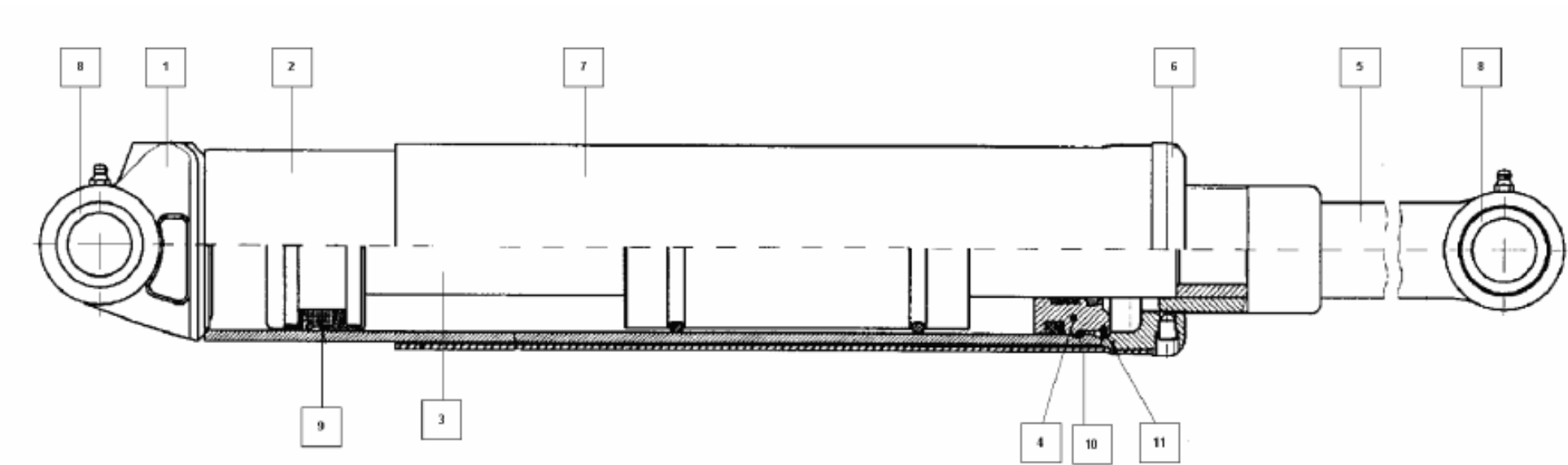
WALTCO
TRUCK EQUIPMENT CO.
TILT CYLINDER
Z69702 & Z69703

REVISED: 2-1-04
E.O. 5221A
REV. 01

PM-636

ITEM	PART NUMBER	QTY	DESCRIPTION
	Z69702	1	Cylinder Complete (29-1/2" Arms)
	Z69703	1	Cylinder Complete (34-1/4" Arms)
	Z31182	1	Seal Kit
1	Z64088	1	Cylinder Barrel
2	Z64091	1	Cover
3	Z69706	1	Piston rod
4	Z64096	1	Limit Stop
5	Z64090	1	Protective Case
6	Z64151	1	Pressure Rod (Z69702 Cylinder)
	Z64138	1	Pressure Rod (Z69703 Cylinder)
7	Z65110	2	Bushing
8	Z64104	1	Locknut
9	Z64094	1	Adjustable Case
10	Z31324	1	Spring
11	Z64655	1	Piston
12	Z31937	1	Lock Wire
13	Z31936	1	Double Safety Ring

GEN 2 WZ TILT CYLINDER Z64147 (29-1/2” Arms) & Z64146 (34-1/4” Arms)



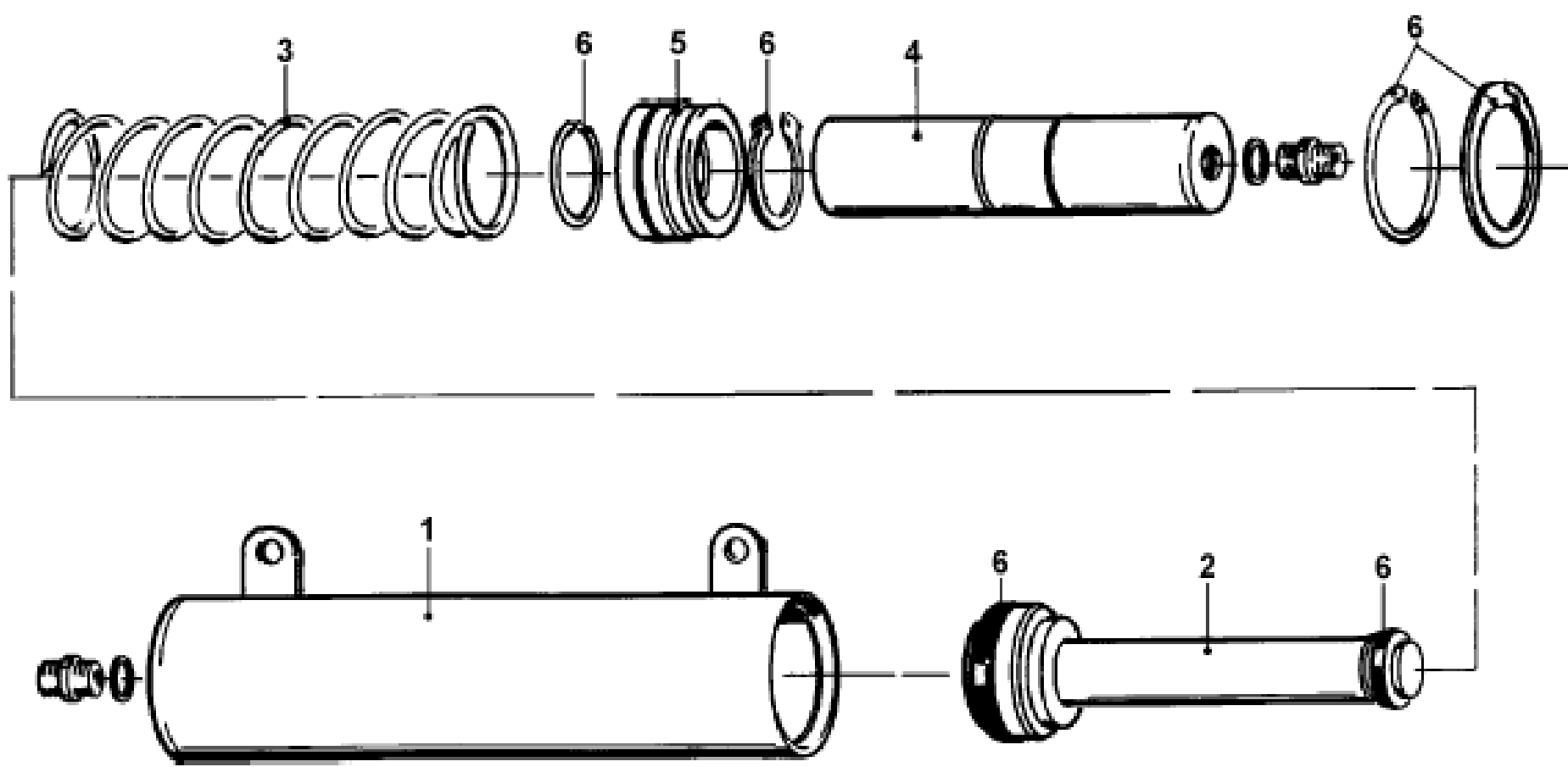
WALTCO LIFT CORP.
WZ-44
Z64146, Z64147

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

PM-812

ITEM	PART NUMBER	QTY	DESCRIPTION
1	Z64146	1	Tilt Cylinder Complete (34-1/4" Arms)
	Z64147	1	Tilt Cylinder Complete (29-1/2" Arms)
2	Z64088	1	Cylinder Barrel
3	Z31977	1	Piston Rod Complete
4	Z64091	1	Cover
5	Z64646	1	Pressure Rod (Z64147)
	Z64647	1	Pressure Rod (Z64146)
6	Z64096	1	Limit Stop
7	Z64090	1	Protective Case
8	Z65110	1	Bushing
9	Z31182	1	Gasket Set
10	Z31939	1	Grooved Ring
11	Z31938	1	Double Safety Ring

GEN 2 and 3 BZ AUTO TILT CYLINDER - Z67771



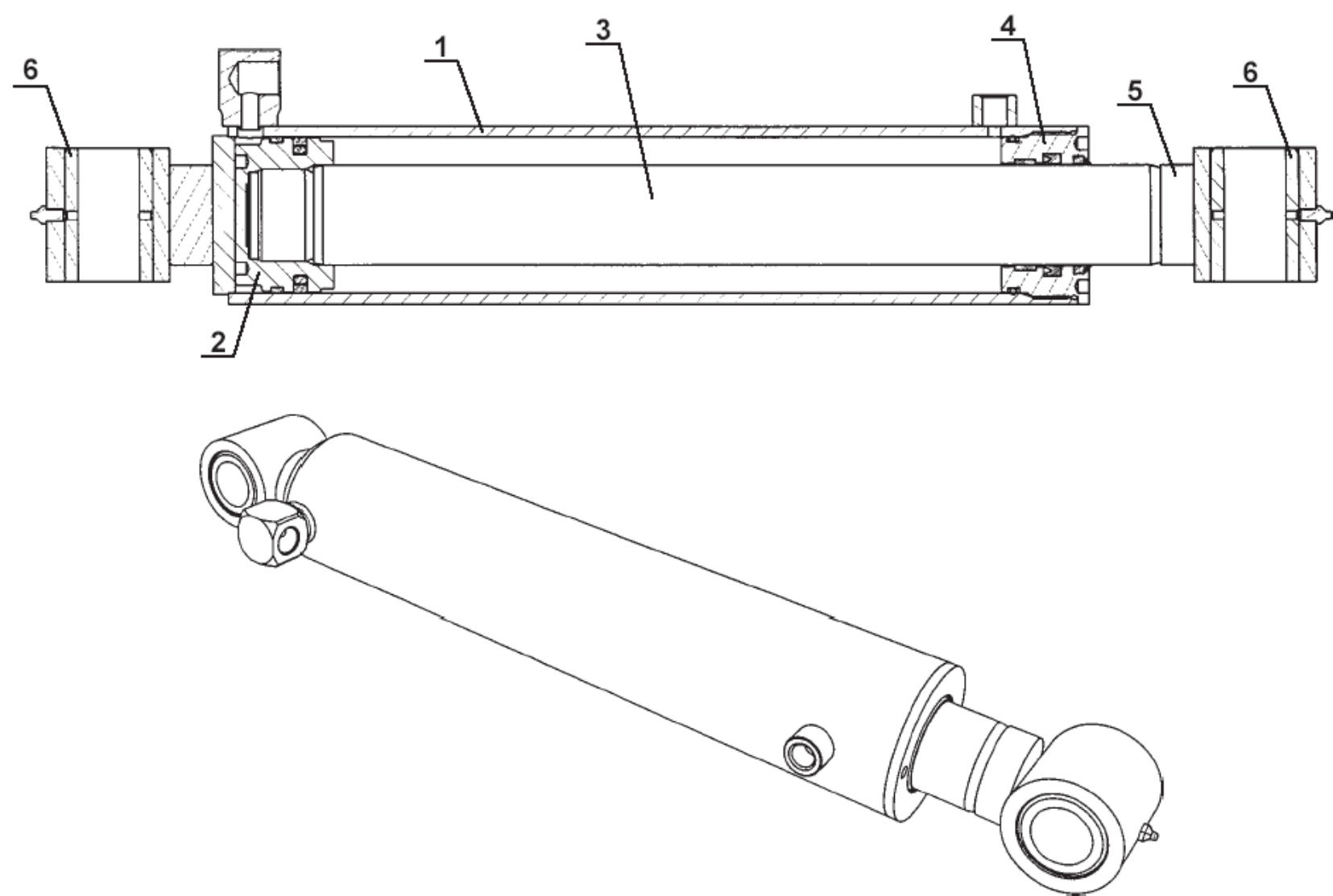
WALTCO
TRUCK EQUIPMENT CO.
AUTO TILT CYLINDER
Z67771

REVISED: 2-1-04
E.O. 5221A
REV. 01

PM-637

ITEM	PART NUMBER	QTY	DESCRIPTION
	Z67771	1	Auto Tilt Cylinder
1	Z67772	1	Cylinder Barrel
2	Z31948	1	Piston Rod
3	Z31949	1	Spring
4	Z67774	1	Cylinder Case
5	Z67770	1	Cover
6	Z31950	1	Seal Kit

GEN 3 BZ & WZ LIFT CYLINDER – Z52031, Z52032, Z51581, Z51582



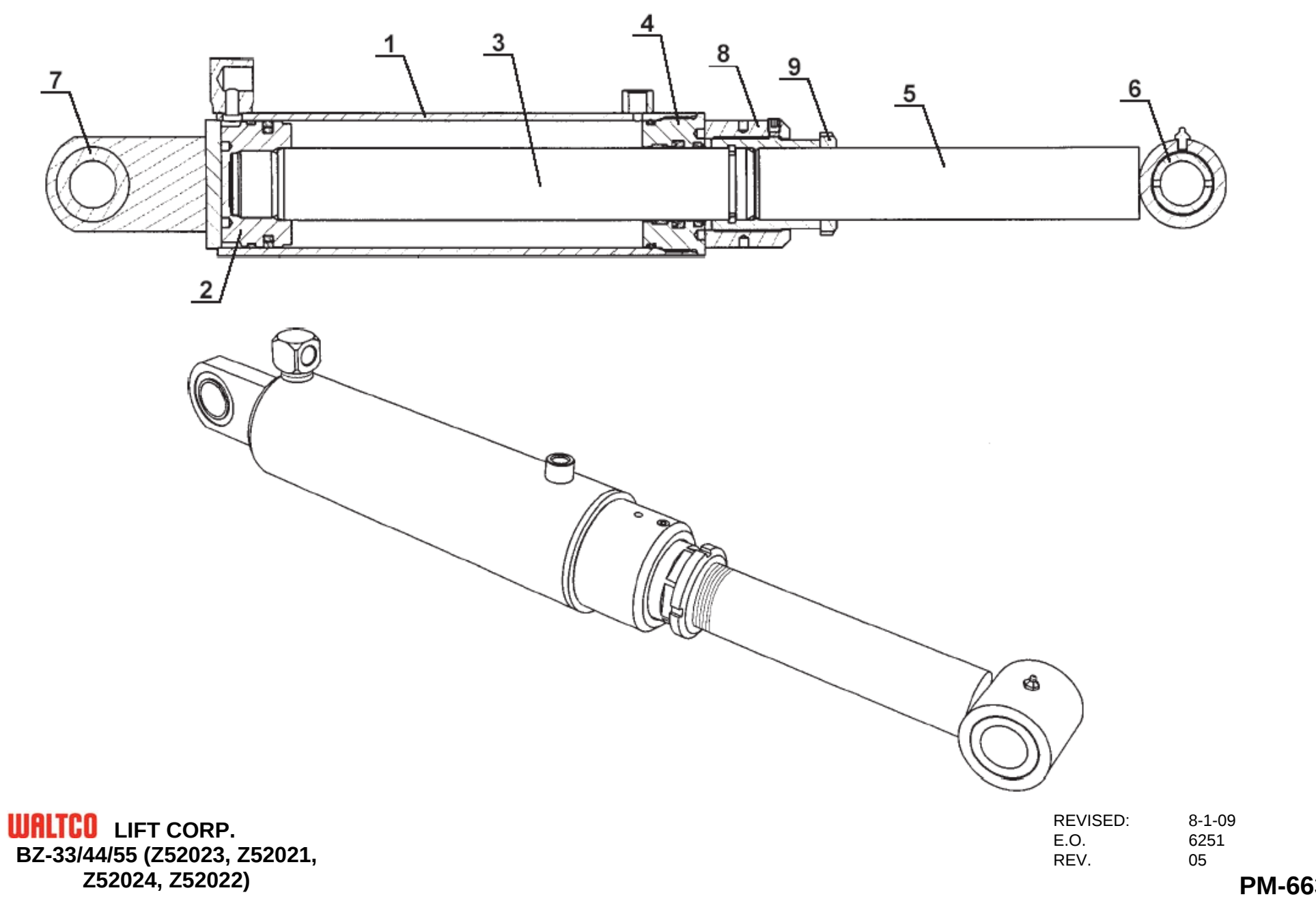
WALTco
TRUCK EQUIPMENT CO.
BZ-33, 44, 55 (Z52031, Z52032,
Z51581, Z51582)

REVISED: 11-30-05
E.O. 5656
REV. 02

PM-664

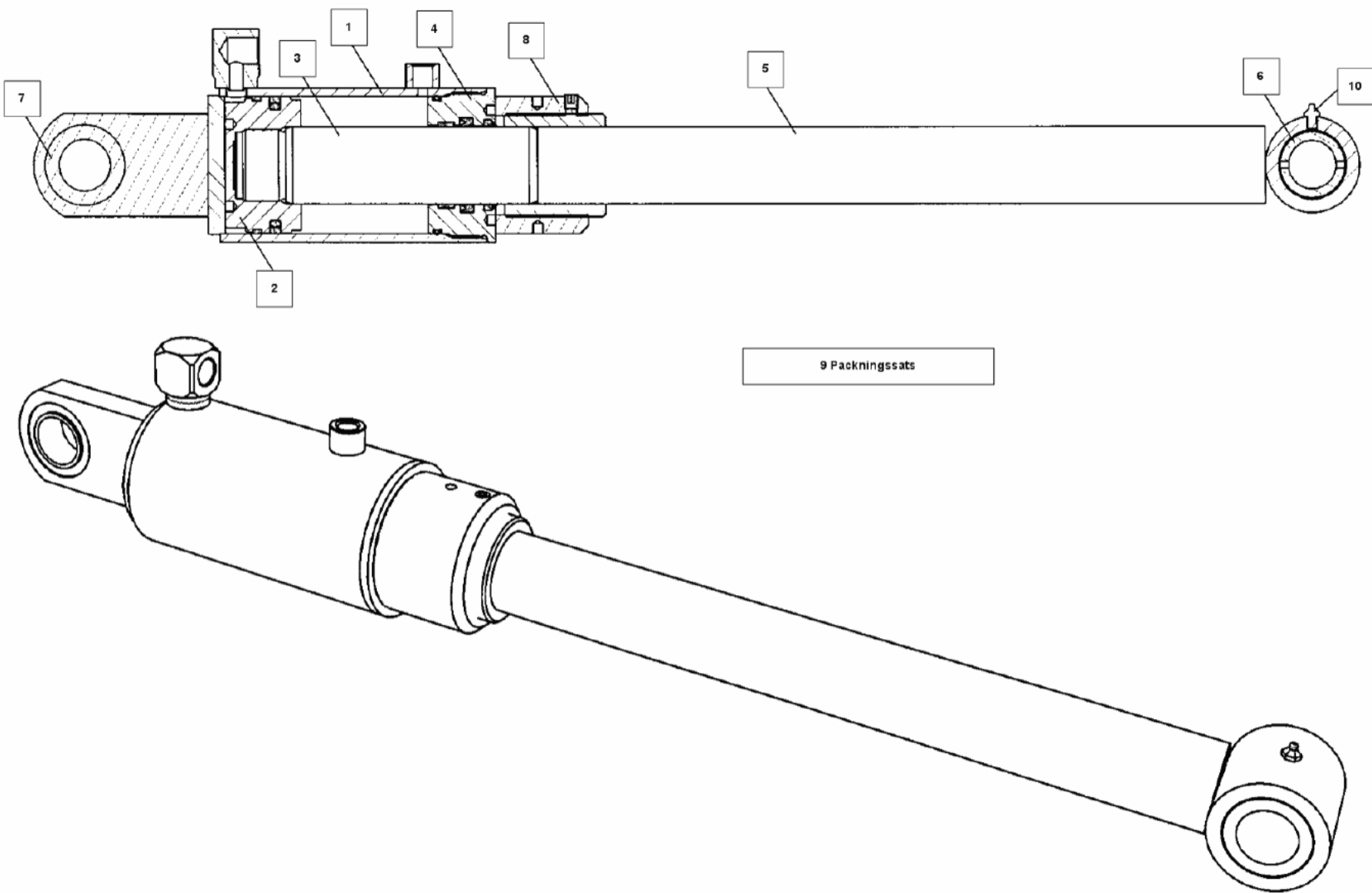
ITEM	PART NUMBER	QTY	DESCRIPTION
-	Z52031	1	Lift cylinder, 29-1/2" lift arm, BZ-33/44
-	Z52032	1	Lift cylinder, 34-1/4" lift arm, BZ-33/44
-	Z51581	1	Lift cylinder, 29-1/2" lift arm, BZ-55
-	Z51582	1	Lift cylinder, 34-1/4" lift arm, BZ-55
1	Z32585	1	Cylinder case for Z52031 and Z52032
1	Z32572	1	Cylinder case for Z51581 and Z51582
2	Z32511	1	Piston for Z52031 and Z52032
2	Z32590	1	Piston for Z51581 and Z51582
3	Z32600	1	Piston rod for Z52031 and Z52032
3	Z32594	1	Piston rod for Z51581 and Z51582
4	Z32509	1	Ram nut for Z52031 and Z52032
4	Z32592	1	Ram nut for Z51581 and Z51582
5	Z32586	1	Pressure rod for Z52031
5	Z32587	1	Pressure rod for Z52032
5	Z32573	1	Pressure rod for Z51581
5	Z32574	1	Pressure rod for Z51582
6	Z32724	2	Bearing kit
-	Z32493	1	Gasket set for Z52031 and Z52032
-	Z32622	1	Gasket set for Z51581 and Z51582

GEN 3 BZ TILT CYLINDER – Z52023, Z52021, Z52024, Z52022



ITEM	PART NUMBER	QTY	DESCRIPTION
-	Z52023	1	Tilt cylinder, 29-1/2" lift arm, BZ-33/44
-	Z52021	1	Tilt cylinder, 29-1/2" lift arm, BZ-55
-	Z52024	1	Tilt cylinder, 34-1/4" lift arm, BZ-33/44
-	Z52022	1	Tilt cylinder, 34-1/4" lift arm, BZ-55
1	Z32580	1	Cylinder case for Z52023 and Z52024
1	Z32576	1	Cylinder case for Z52021 and Z52022
2	Z32591	1	Piston for Z52023 and Z52024
2	Z32596	1	Piston for Z52021 and Z52022
3	Z32598	1	Piston rod
4	Z32593	1	Ram nut for Z52023 and Z52024
4	Z32597	1	Ram nut for Z52021 and Z52022
5	Z32577	1	Pressure rod for Z52023
5	Z32578	1	Pressure rod for Z52024
5	Z32577	1	Pressure rod for Z52021
5	Z32578	1	Pressure rod for Z52022
6	Z32724	1	Bearing kit
7	14281601	1	Bearing
8	Z32595	1	Limit stop
9	Z32601	1	Lock nut
-	Z32623	1	Gasket set for Z52023 and Z52024
-	Z32624	1	Gasket set for Z52021 and Z52022

GEN 3 WZ TILT CYLINDER – Z52029



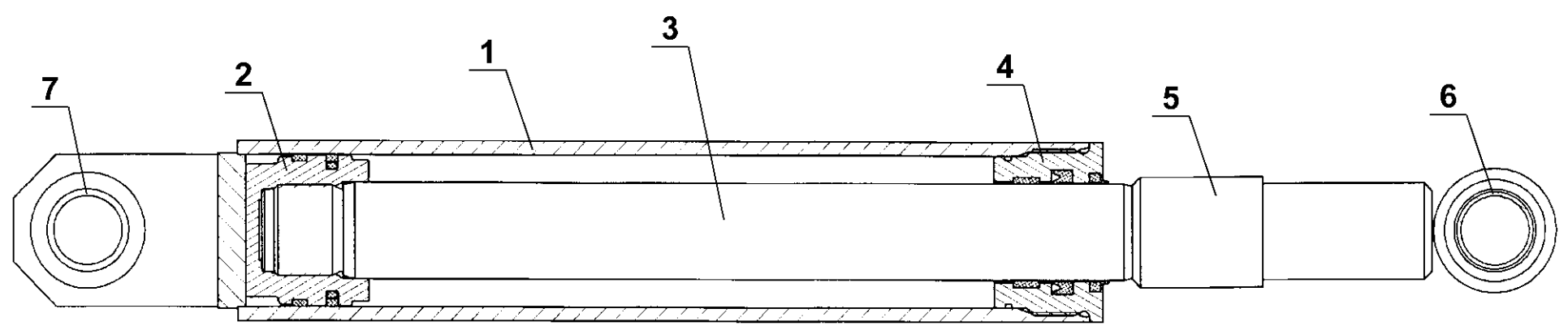
WALTCO LIFT CORP.
TILT CYLINDER – Z52029

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

PM-813

ITEM	PART NUMBER	QTY	DESCRIPTION
	Z52029	1	Tilt Cylinder Complete (29-1/2" Arms)
1	Z32582	1	Cylinder Barrel
2	Z32596	1	Piston
3	Z32599	1	Piston Rod
4	Z32597	1	Cylinder Cover
5	Z32575	1	Pressure Rod
6	Z32724	1	Bushing Set
7	Z31194	1	Clevis Bearing
8	Z32595	1	Limit Stop
9	Z32624	1	Gasket Set
10	Z21376	1	Grease Nipple

GEN 3 RZ LIFT CYLINDER – Z51439, Z51169



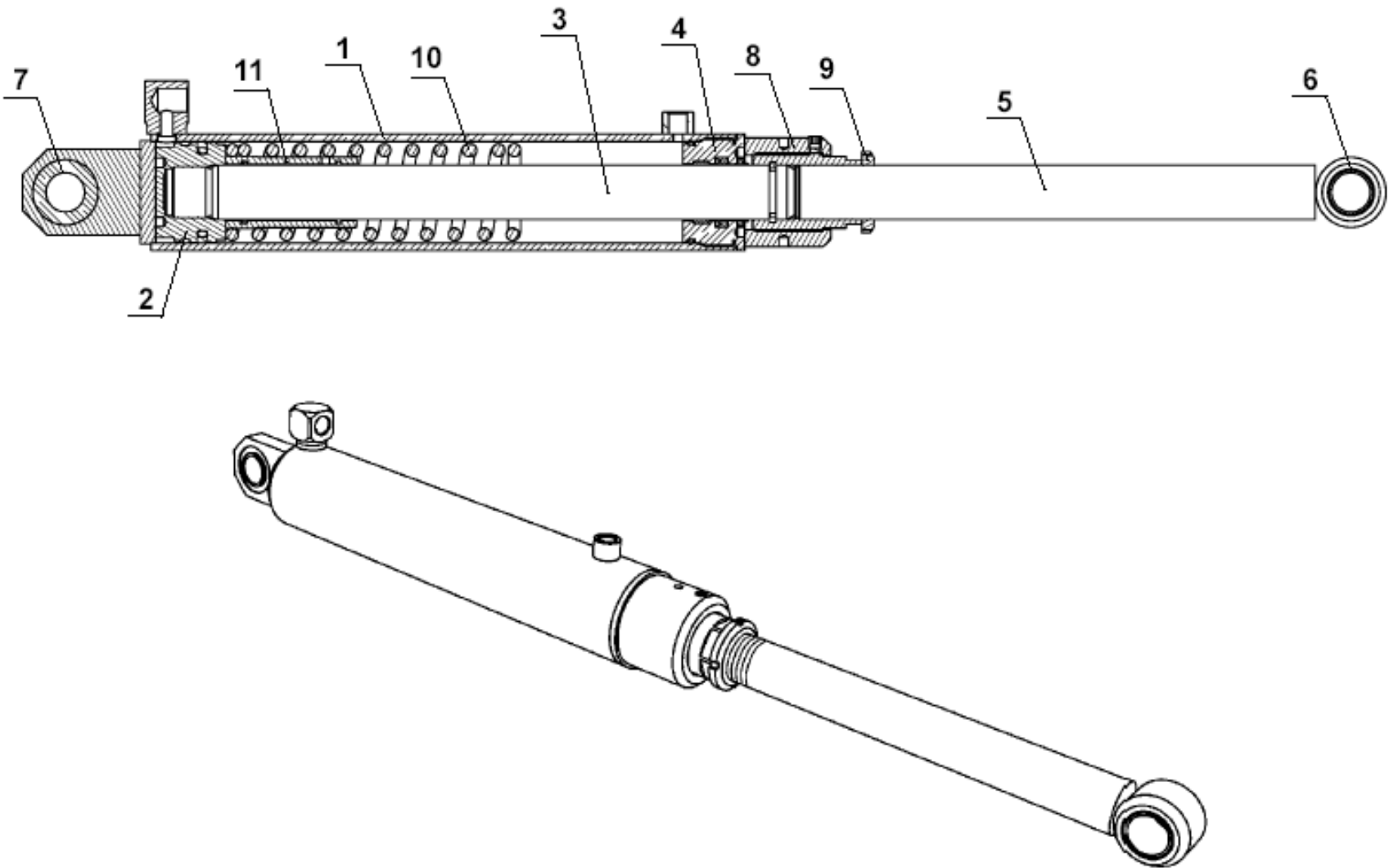
WALTCO
TRUCK EQUIPMENT CO.
RZ-22 – Z51439, Z51169

REVISED: 5-3-06
E.O. 5710
REV. 02

PM-662

ITEM	PART NUMBER	QTY	DESCRIPTION
-	Z51169	1	Lift cylinder, lift height 43"
-	Z51439	1	Lift cylinder, lift height 52"
1	Z32505	1	Cylinder case
2	Z32510	1	Piston
3	Z32502	1	Piston rod, lift height 43"
3	Z32514	1	Piston rod, lift height 52"
4	Z32508	1	Cylinder cover
5	Z32506	1	Pressure rod
6	Z31474	1	Bushing
7	Z31475	1	Clevis bearing
-	Z32494	1	Gasket set

GEN 3 RZ TILT CYLINDER – Z52952, Z52954



WALTCO
TRUCK EQUIPMENT CO.
RZ-22 – Z52952, Z52954

REVISED: 5-3-06
E.O. 5710
REV. 02

PM-661A

ITEM	PART NUMBER	QTY	DESCRIPTION
-	Z52954	1	Tilt Cylinder, lift height 43"
-	Z52952	1	Tilt Cylinder, lift height 52"
1	Z32740	1	Cylinder Case
2	Z32511	1	Piston
3	Z32674	1	Piston Rod
4	Z32509	1	Ram Nut
5	Z32675	1	Pressure Rod, lift height 43"
5	Z32676	1	Pressure Rod, lift height 52"
6	Z31474	1	Bushing
7	Z32678	1	Bearing
8	Z32679	1	Limit Stop
9	Z32680	1	Locknut
10	Z68038	1	Spring
11	Z32681	1	Spring Guide
-	Z32493	1	Gasket Set



Schematics

Generation 1 - BZ & RZ Series

Wiring Diagrams

[BZ & RZ Wiring Diagram \(Used from 12-87 thru 5-89\)](#)
[BZ Wiring Diagram \(Used from 5-89 thru 6-93\)](#)
[BZ Wiring Diagram \(Used from 6-93 thru 6-99\)](#)
[BZ Wiring Diagram \(Used from 6-99 thru 3-04\)](#)
[RZ Wiring Diagram \(Used from 5-89 thru 1-94\)](#)
[RZ Wiring Diagram \(Used from 1-90 thru 6-99\)](#)
[RZ Wiring Diagram \(Used from 6-99 thru 3-04\)](#)

Electrical Schematics

[BZ & RZ Electrical Schematic \(Used from 12-87 thru 6-99\)](#)
[BZ & RZ Electrical Schematic \(Used from 6-99 thru 3-04\)](#)

Hydraulic Schematics

[BZ & RZ Hydraulic Schematic \(All Years\)](#)

Generation 2 - BZ & WZ Series

Wiring Diagrams

[BZ Wiring Diagram \(All Years\)](#)
[WZ Wiring Diagram \(All Years\)](#)
[WZ Foot Control & Lights Wiring Diagram \(All Years\)](#)
[WZ Hand Held Remote Wiring Diagram \(All Years\)](#)

Electrical Schematics

[BZ Electrical Schematic \(All Years\)](#)
[WZ Electrical Schematic \(All Years\)](#)

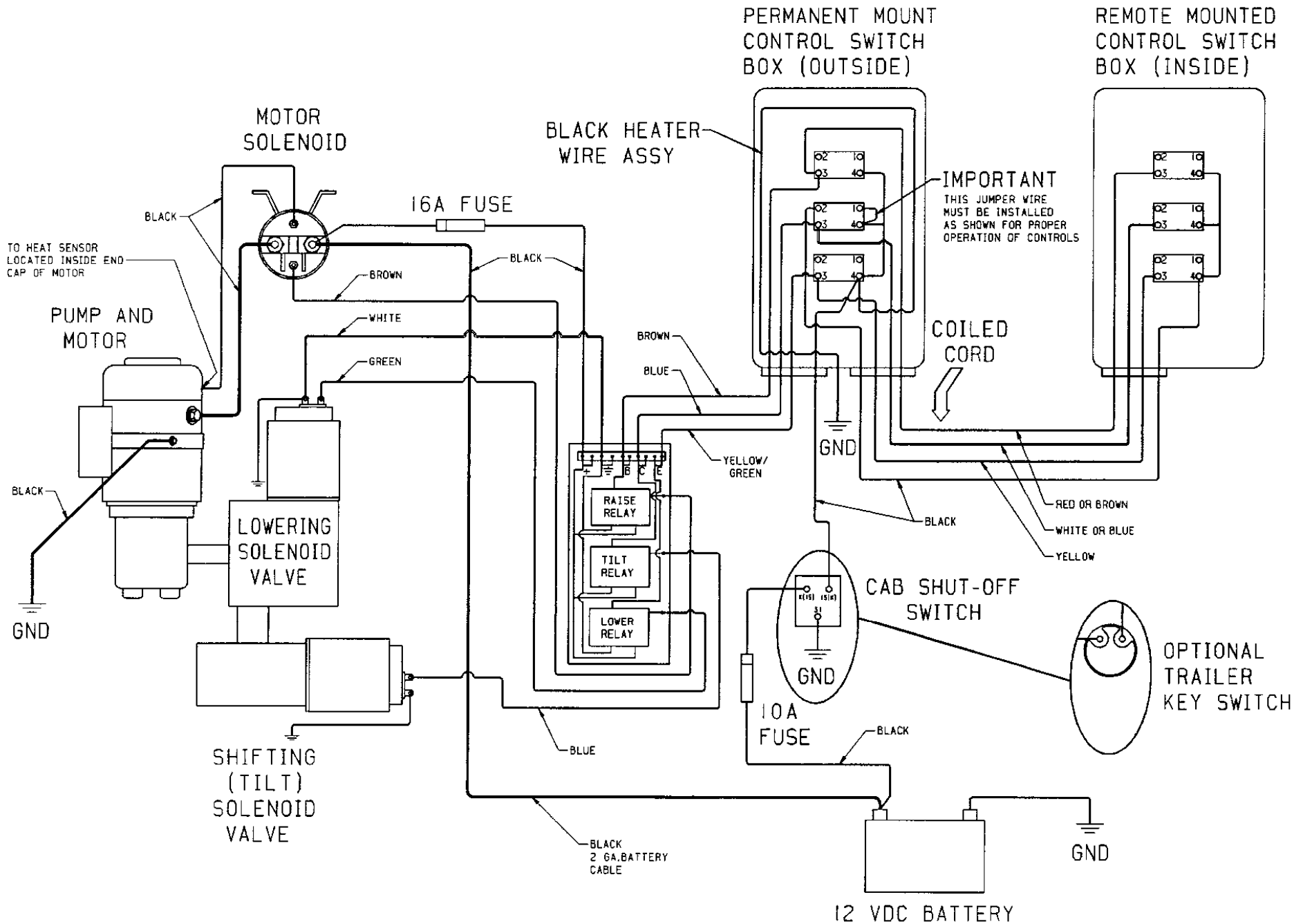
Hydraulic Schematics

[BZ Hydraulic Schematic \(All Years\)](#)
[WZ Hydraulic Schematic \(All Years\)](#)

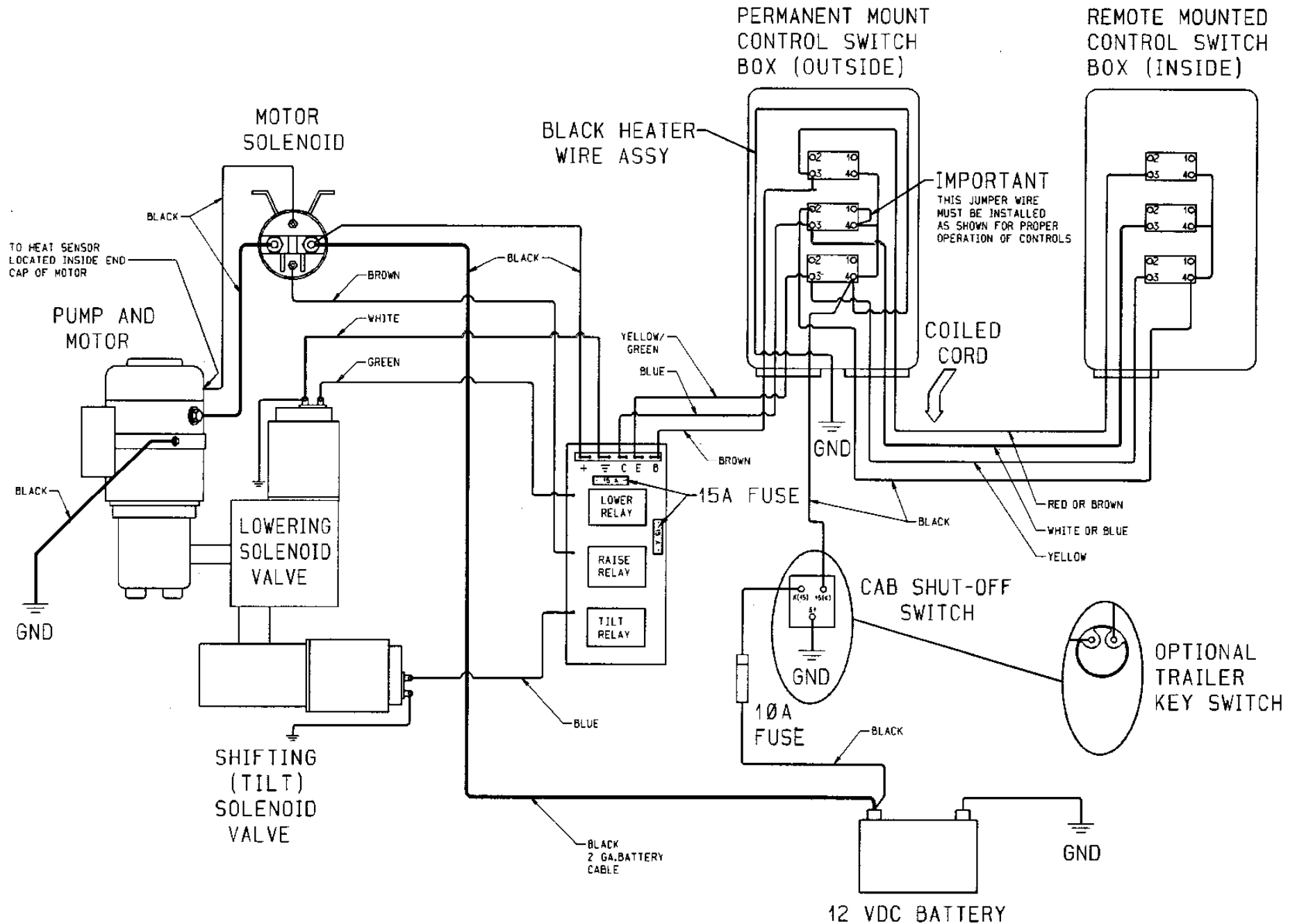
[Click here for a list of liftgate serial numbers, organized by approximate ship dates.](#)

Level Lift
BZ, RZ & WZ
Series

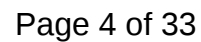
Generation 1 - BZ & RZ Wiring Diagram - Used from 12-87 thru 5-89



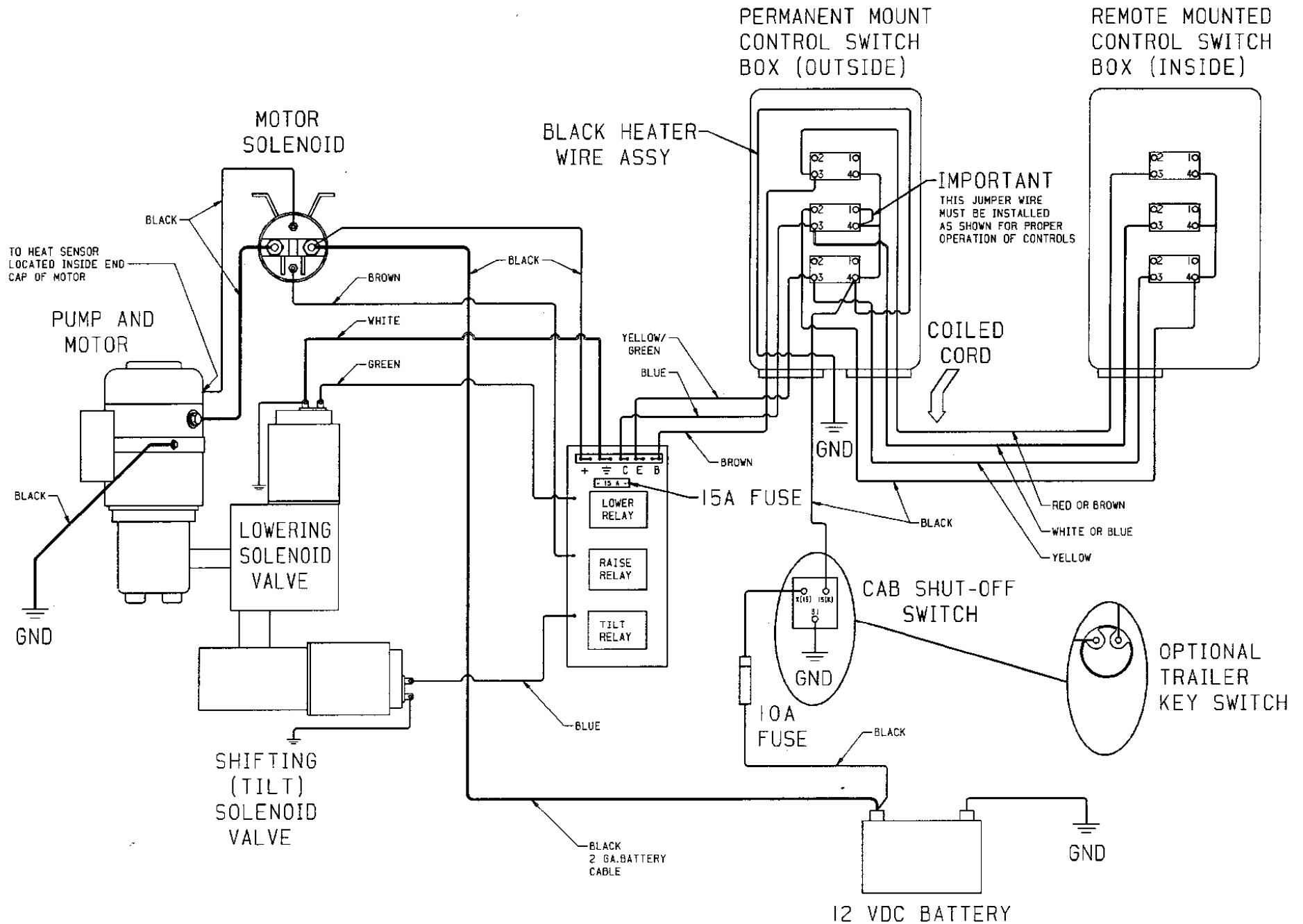
Generation 1 - BZ Wiring Diagram - Used from 6-93 thru 6-99



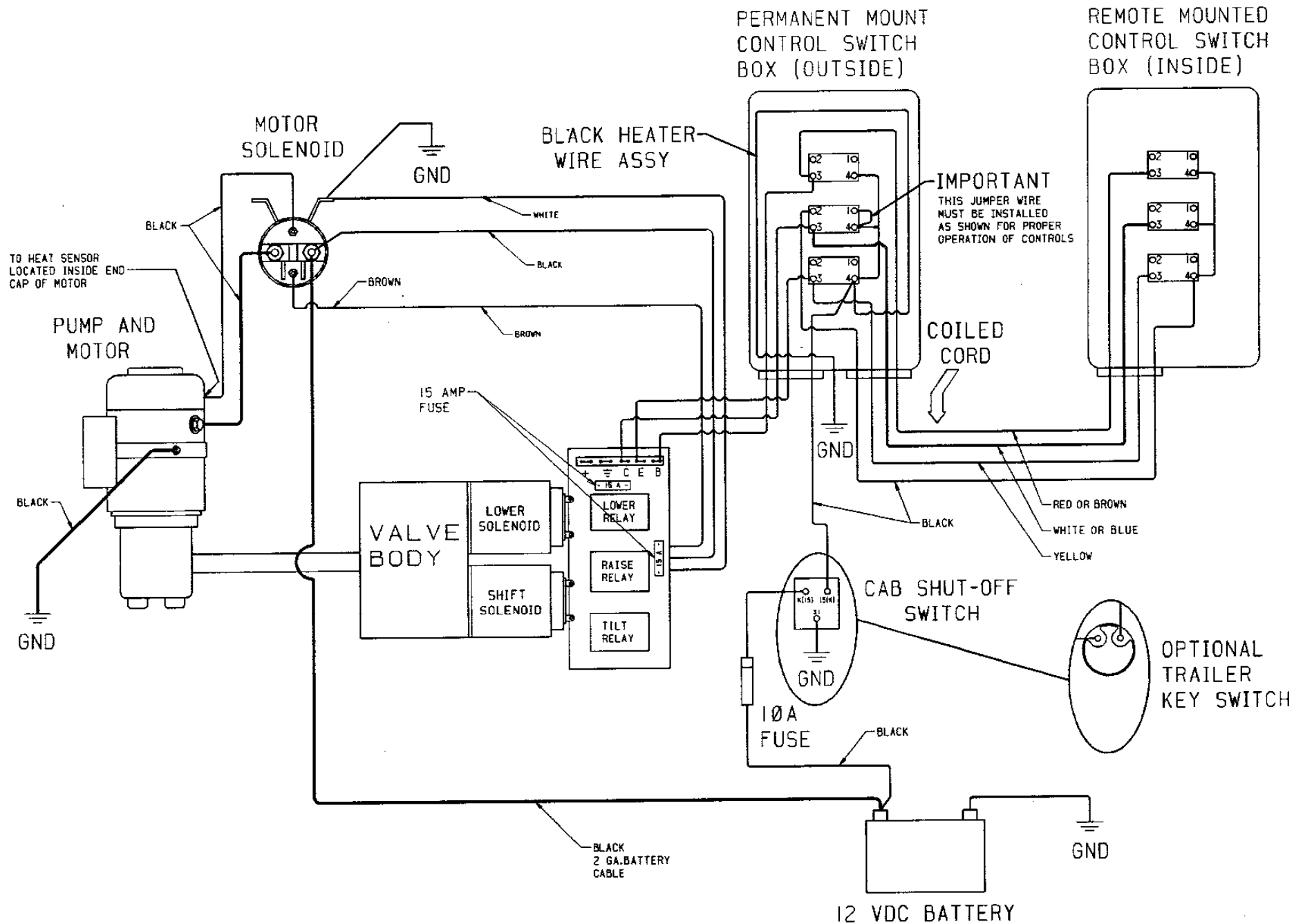
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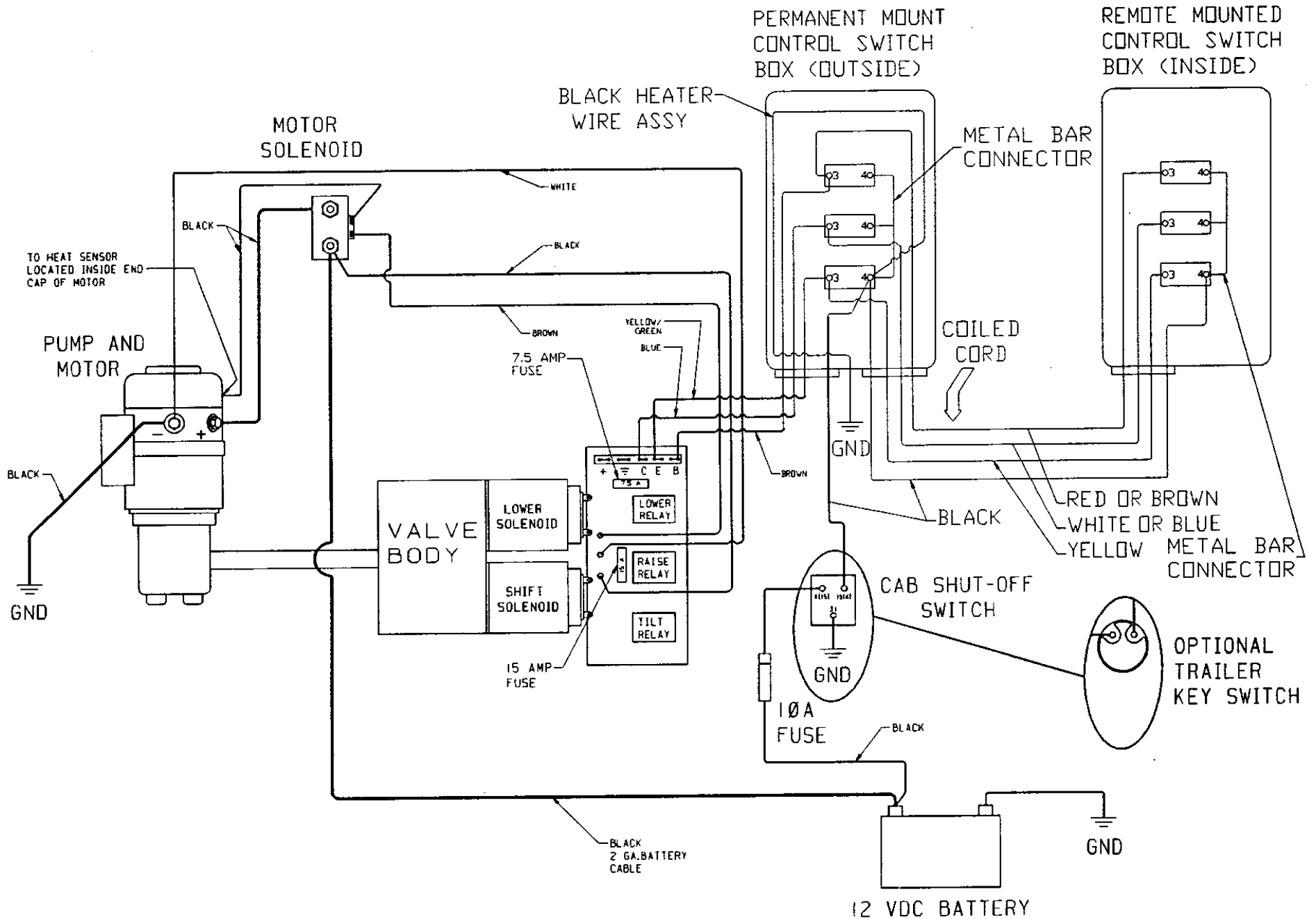
Generation 1 - RZ Wiring Diagram - Used from 5-89 thru 1-94



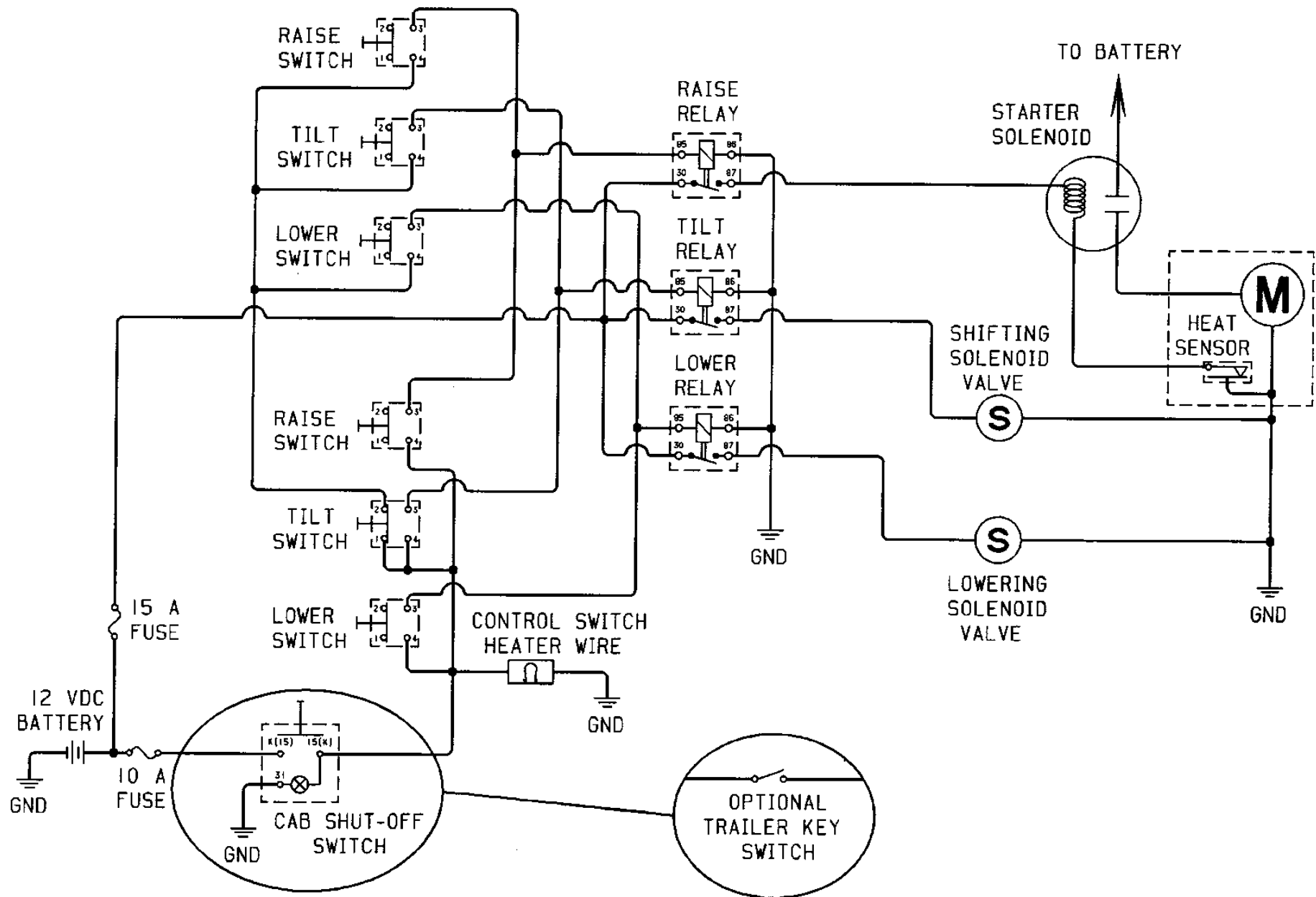
Generation 1 - RZ Wiring Diagram - Used from 1-90 thru 6-99



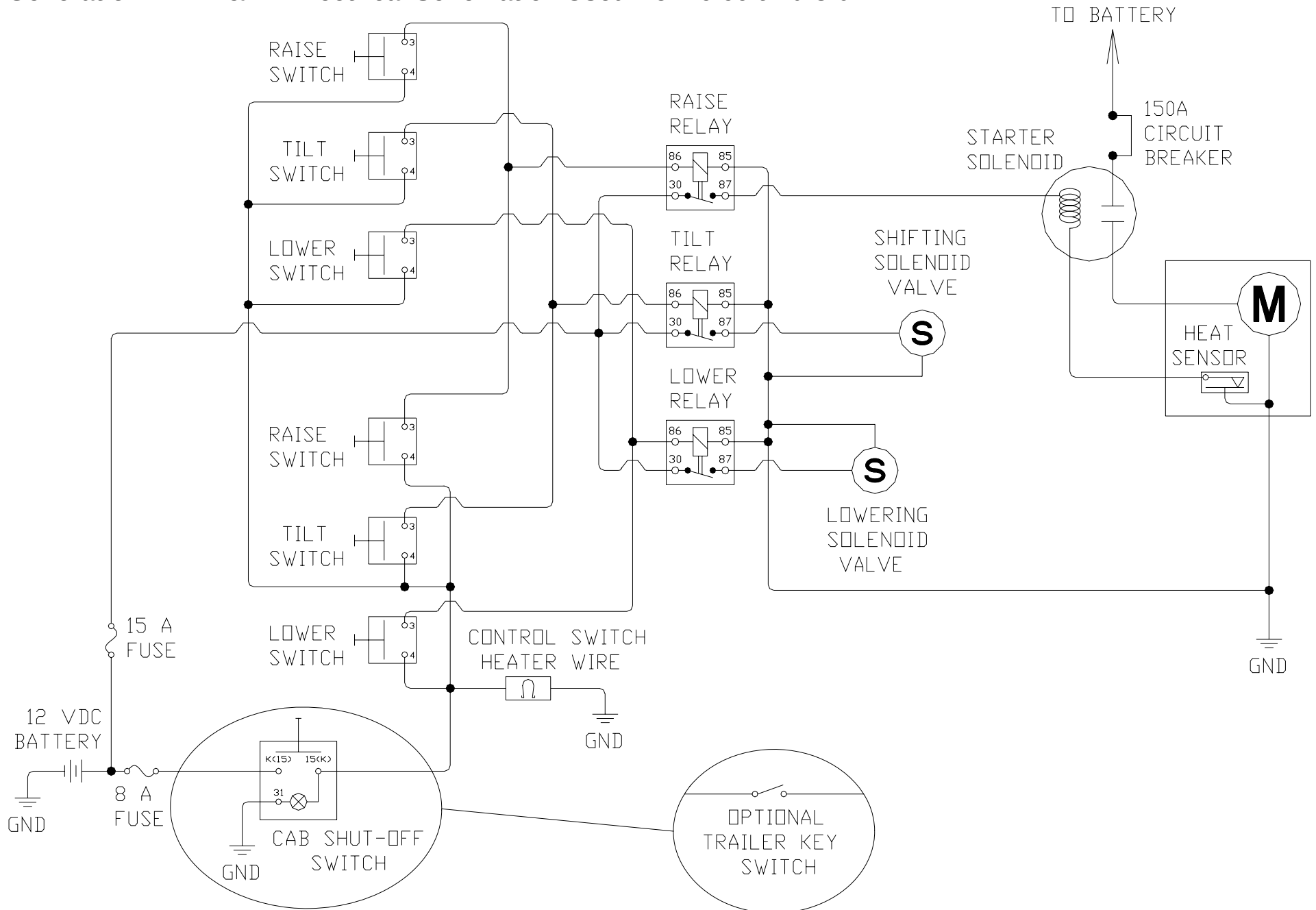
Generation 1 - RZ Wiring Diagram - Used from 6-99 thru 3-04



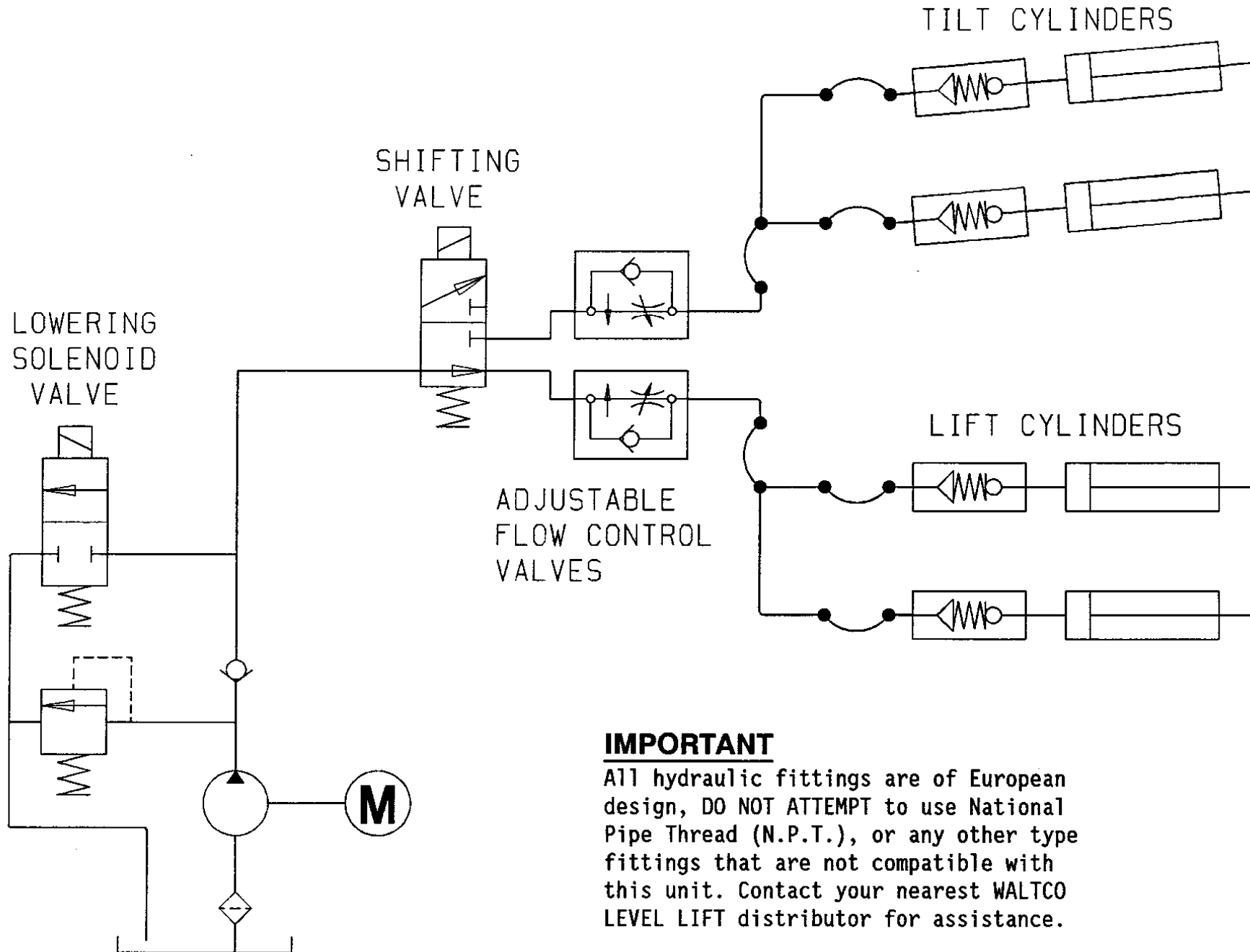
Generation 1 - BZ & RZ Electrical Schematic - Used from 12-87 thru 6-99



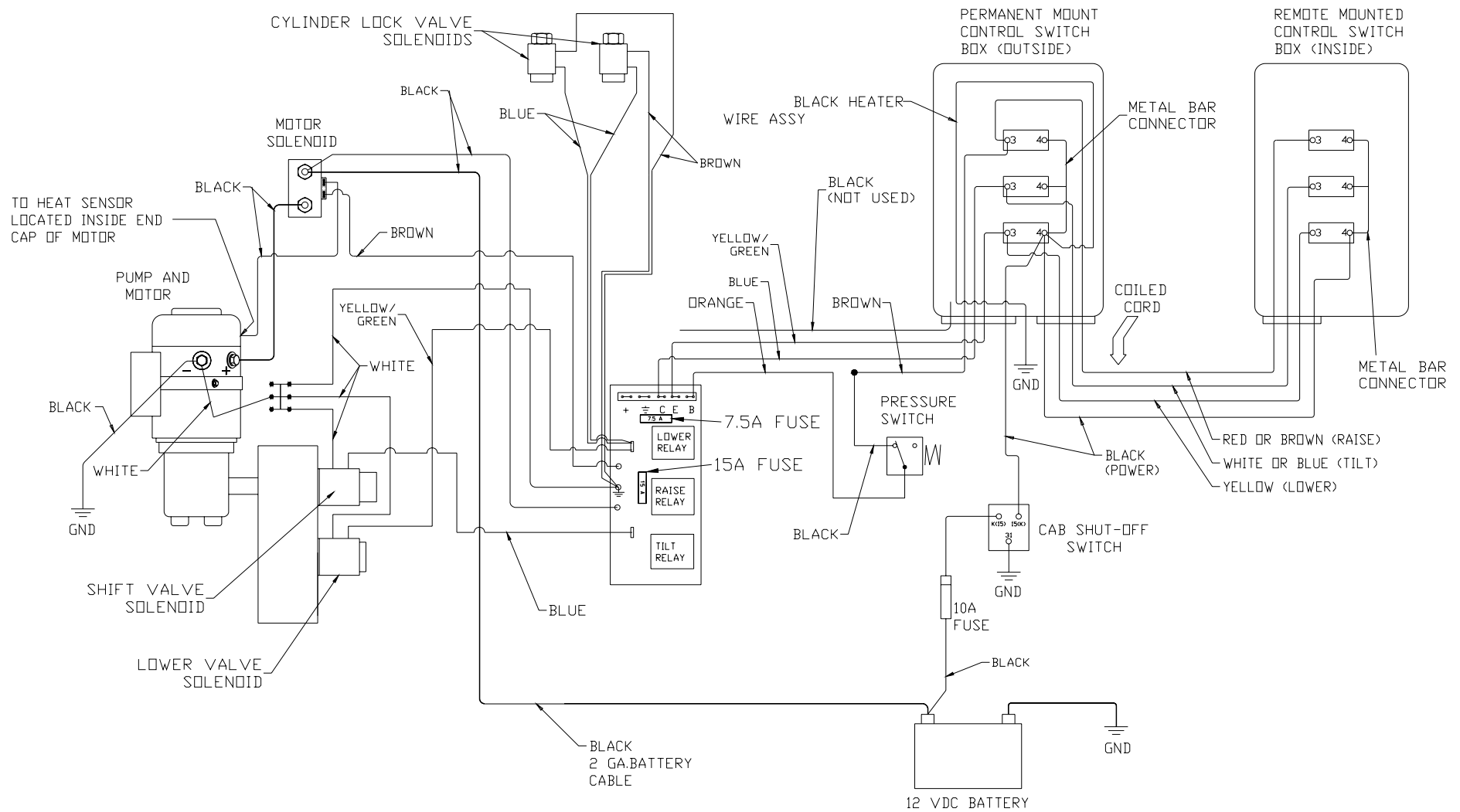
Generation 1 - BZ & RZ Electrical Schematic - Used from 6-99 thru 3-04



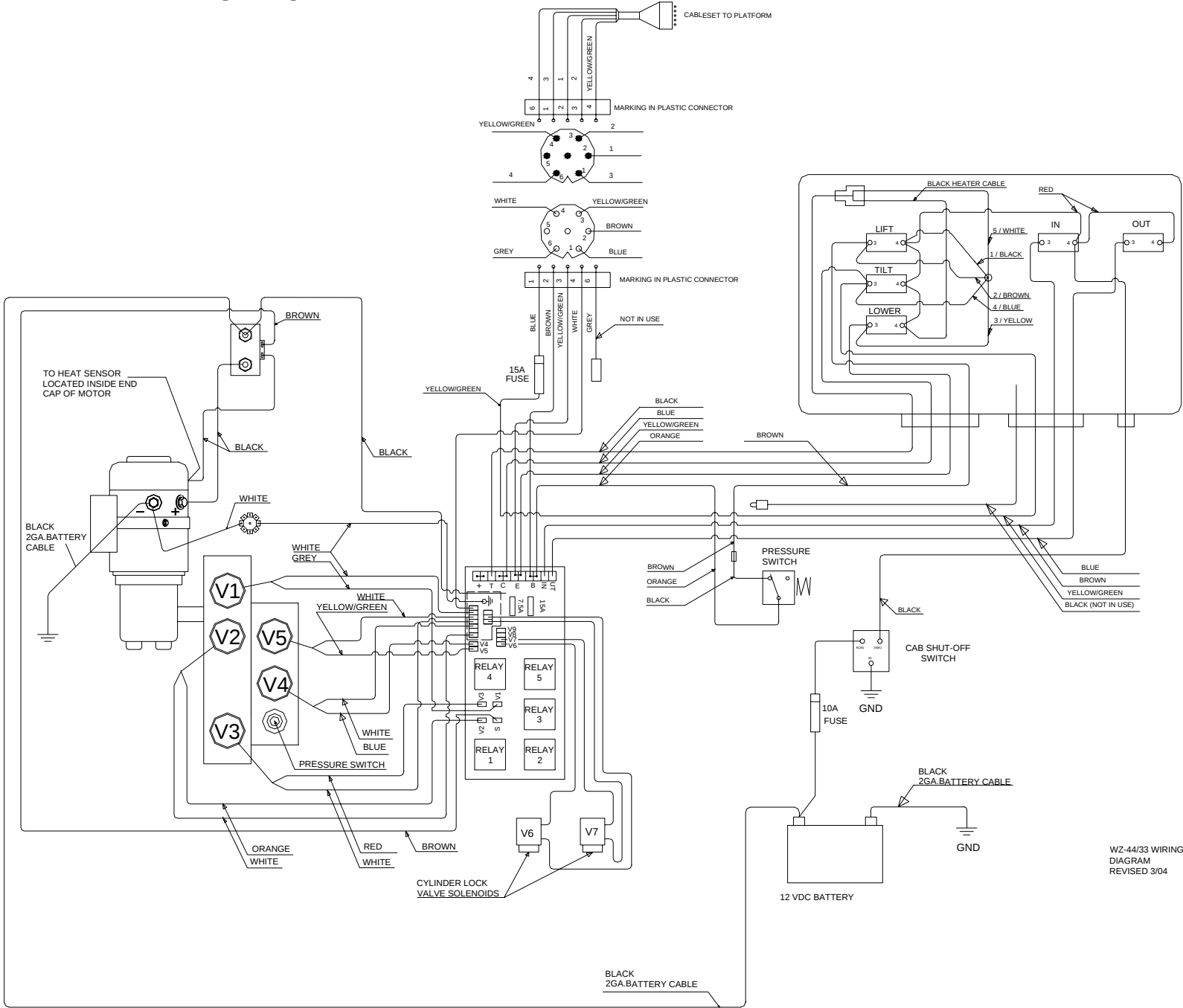
Generation 1 - BZ & RZ Hydraulic Schematic - All Years



Generation 2 - BZ Wiring Diagram - All Years

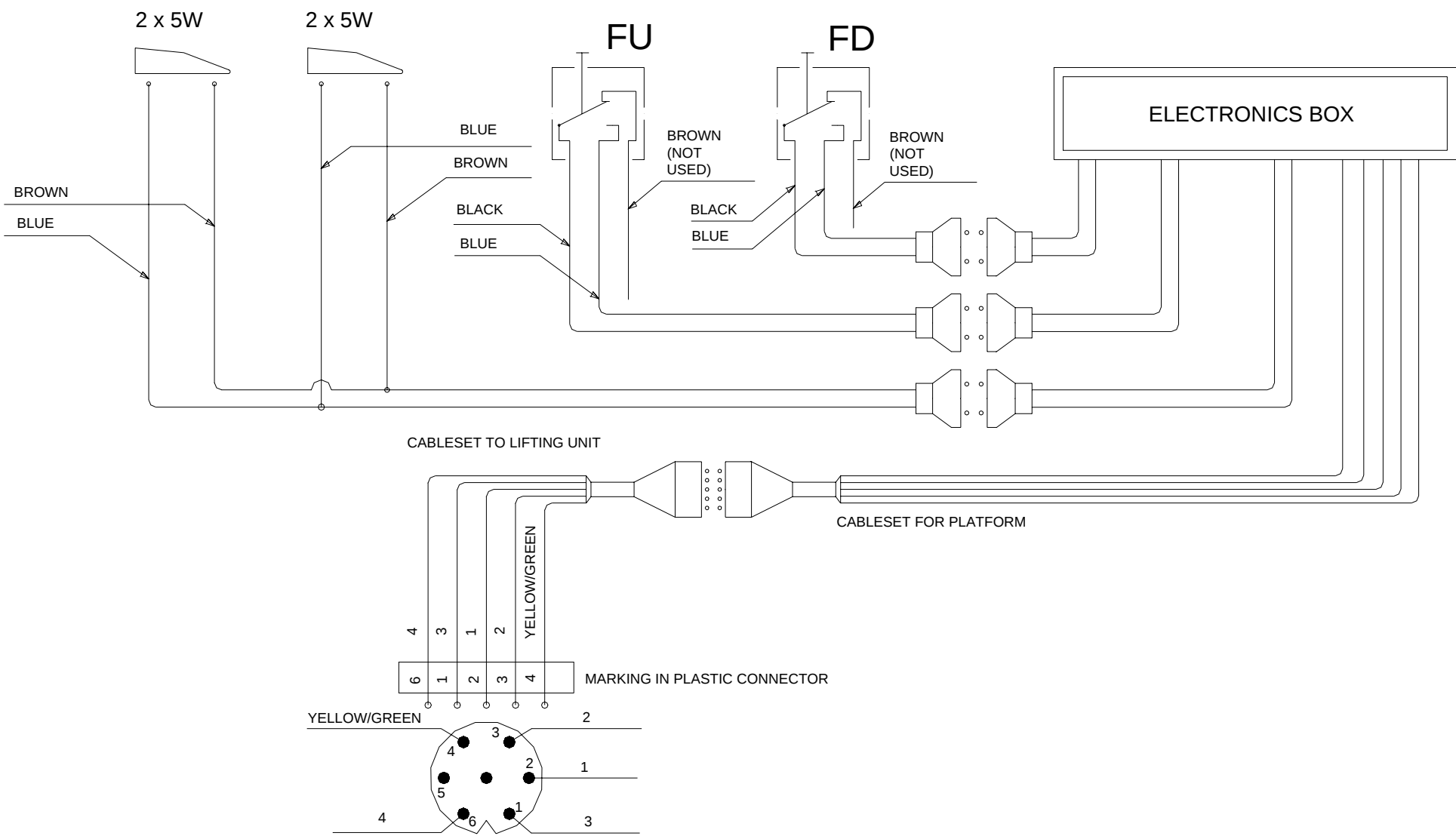


Generation 2 - WZ Wiring Diagram - All Years

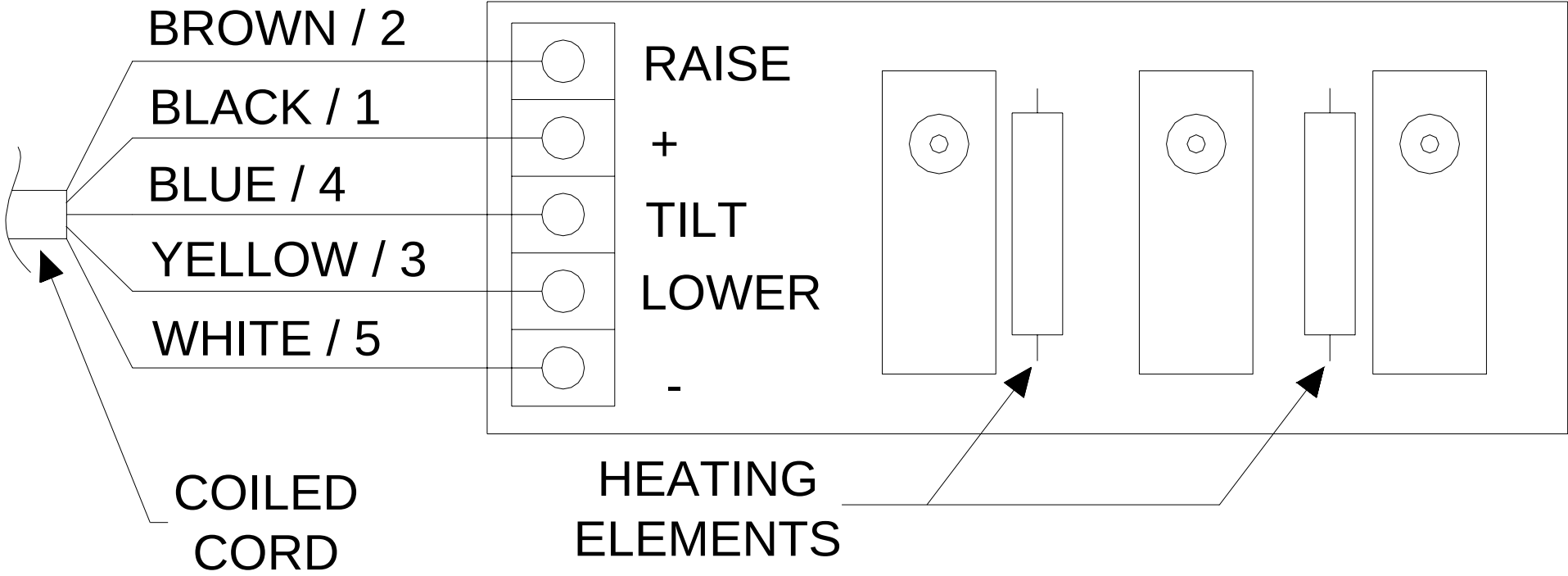


WZ-44/33 WIRING
DIAGRAM
REVISED 3/04

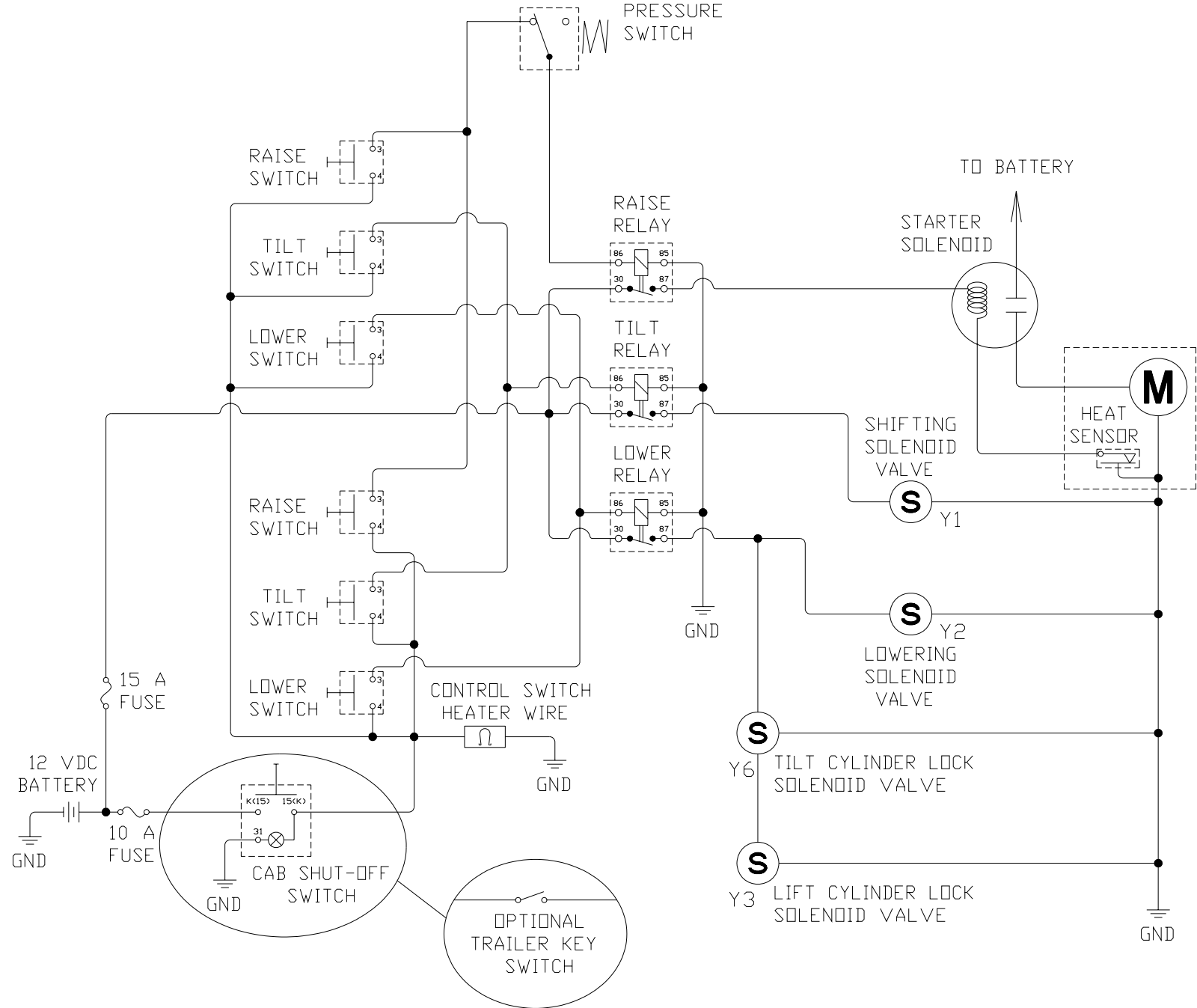
Generation 2 - WZ Foot Controls & lights Wiring Diagram - All Years



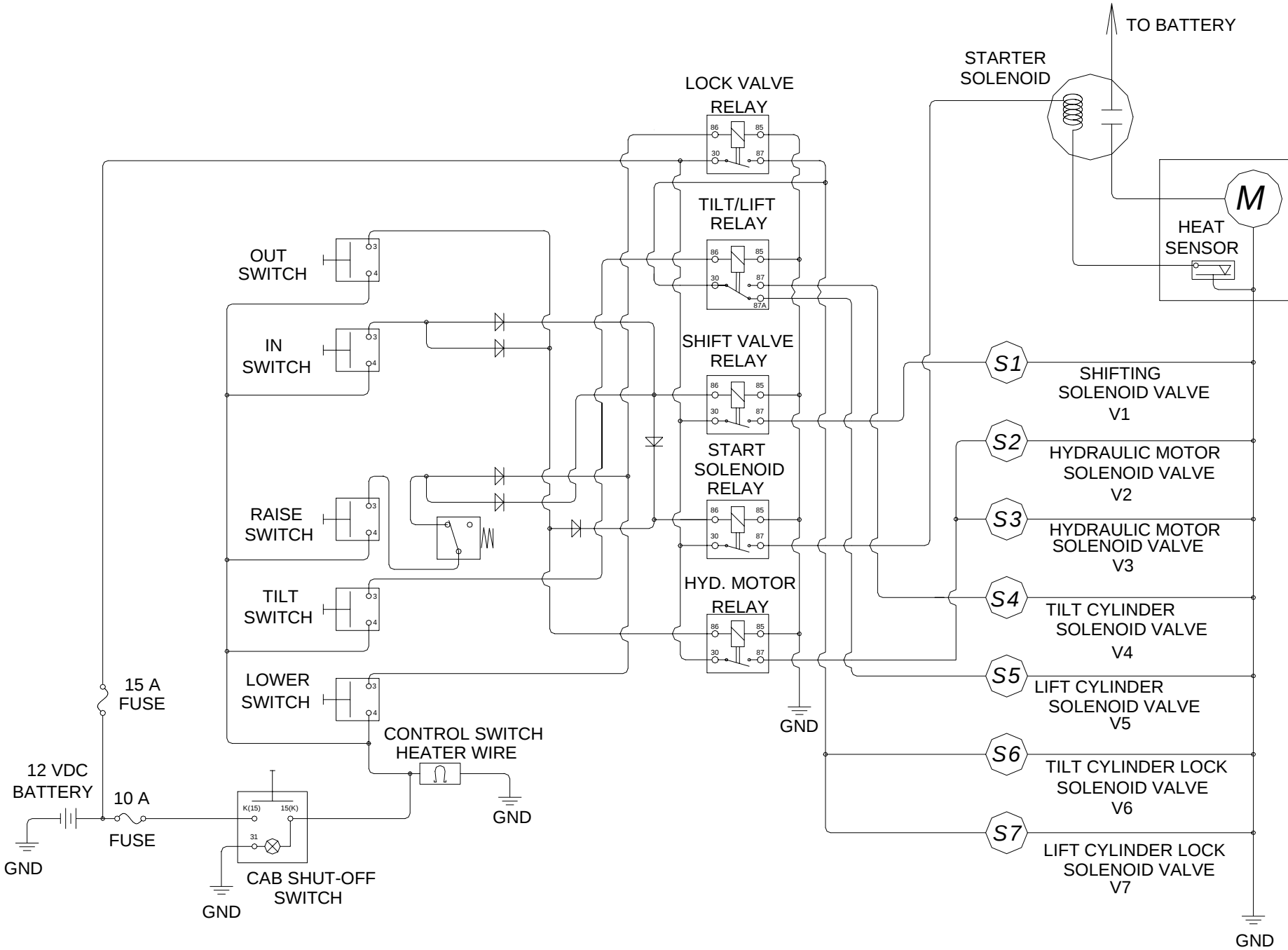
HAND HELD REMOTE CONTROL



Generation 2 - BZ Electrical Schematic - All Years



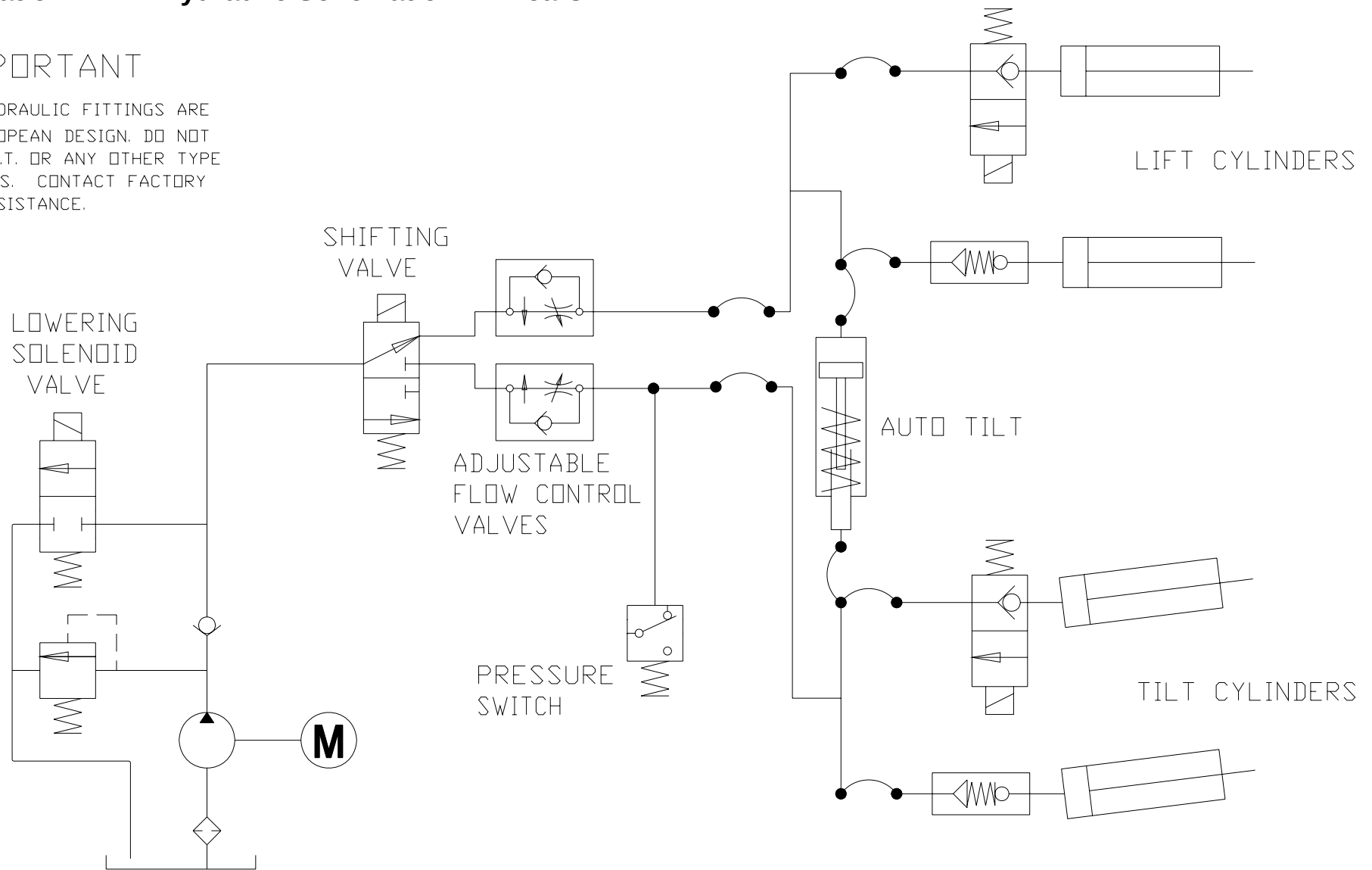
Generation 2 - WZ Electrical Schematic - All Years



Generation 2 - BZ Hydraulic Schematic - All Years

IMPORTANT

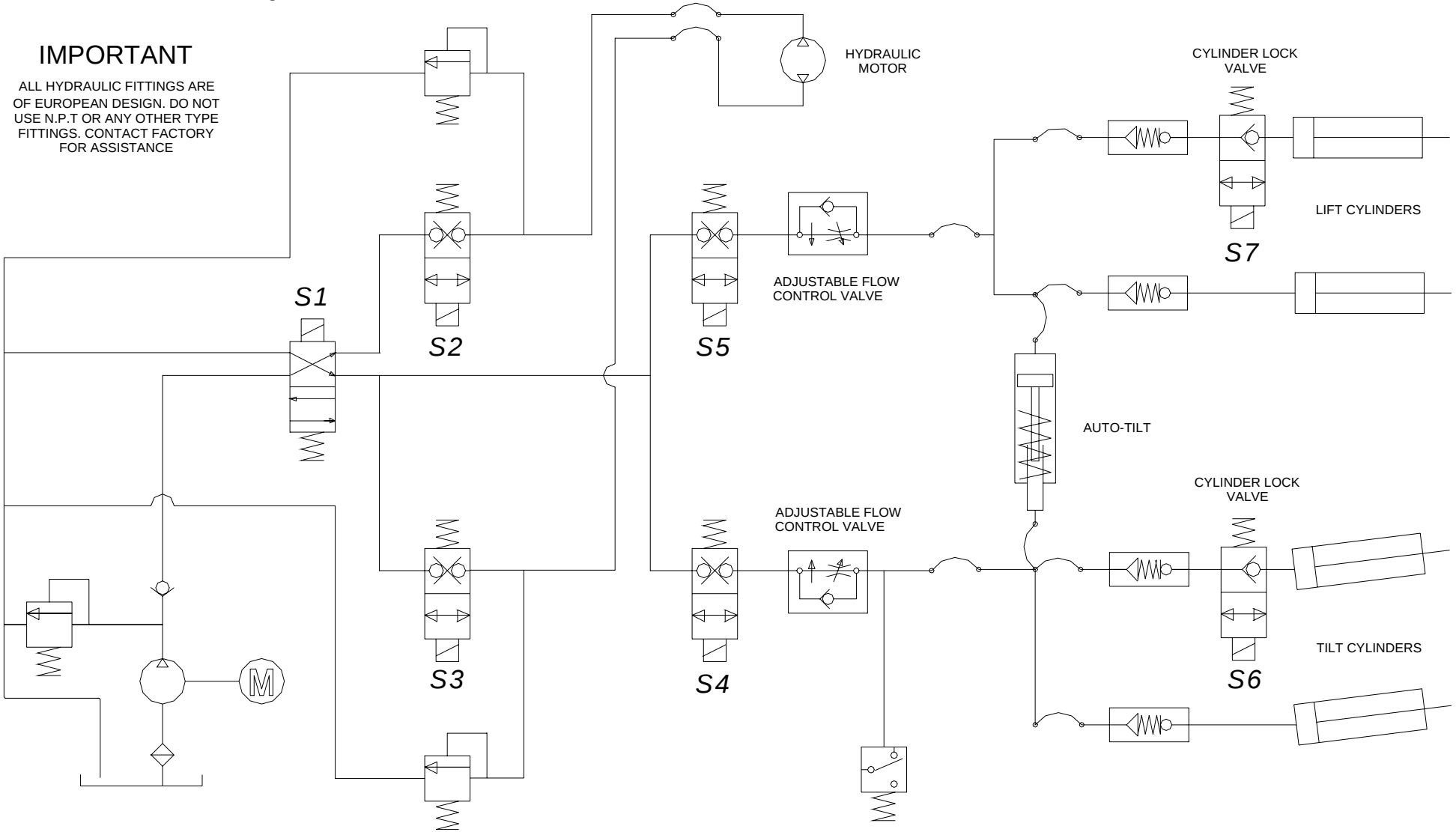
ALL HYDRAULIC FITTINGS ARE OF EUROPEAN DESIGN. DO NOT USE N.P.T. OR ANY OTHER TYPE FITTINGS. CONTACT FACTORY FOR ASSISTANCE.



Generation 2 - WZ Hydraulic Schematic - All Years

IMPORTANT

ALL HYDRAULIC FITTINGS ARE OF EUROPEAN DESIGN. DO NOT USE N.P.T OR ANY OTHER TYPE FITTINGS. CONTACT FACTORY FOR ASSISTANCE



WZ-44/33
HYDRAULIC SCHEMATIC
REVISED 6/2/03



Schematics

Generation 3 - BZ, RZ & WZ Series

Level Lift
BZ, RZ & WZ
Series

Wiring Diagrams

[RZ Wiring Diagram \(All Years\)](#)
[RZ Platform Light Wiring Diagram \(All Years\)](#)
[BZ Wiring Diagram \(Built thru 7-06\)](#)
[BZ Wiring Diagram \(Built after 7-06\)](#)
[WZ Wiring Diagram \(Built thru 7-06\)](#)
[WZ Wiring Diagram \(Built after 7-06\)](#)
[BZ Control Module Connections \(All Years\)](#)
[WZ Control Module Connections \(All Years\)](#)
[BZ & WZ Platform Light Wiring Diagram \(All Years\)](#)

Electrical Schematics

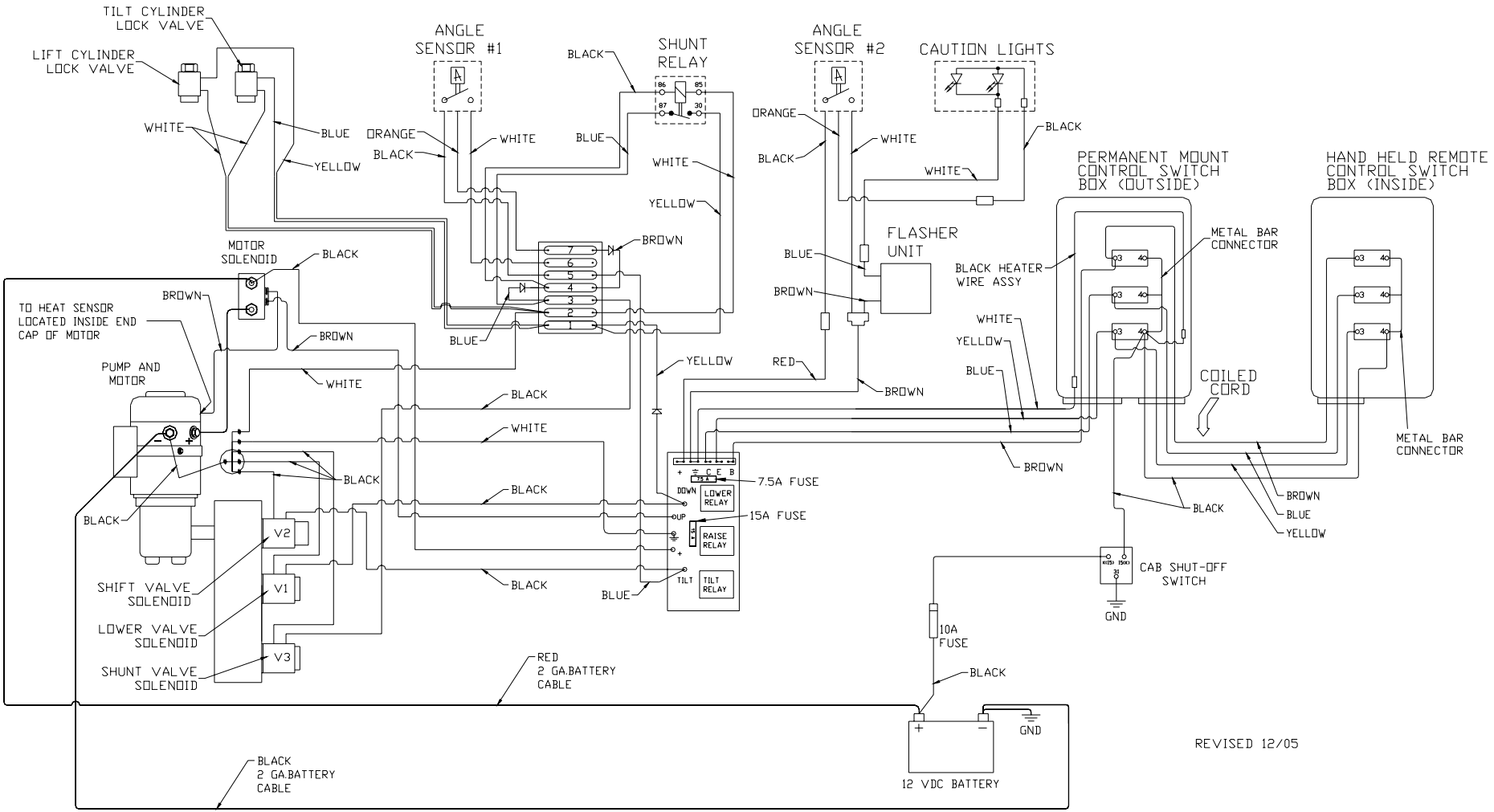
[RZ Electrical Schematic \(All Years\)](#)
[BZ Electrical Schematic \(All Years\)](#)
[WZ Electrical Schematic \(All Years\)](#)

Hydraulic Schematics

[RZ Hydraulic Schematic \(All Years\)](#)
[BZ Hydraulic Schematic \(All Years\)](#)
[WZ Hydraulic Schematic \(All Years\)](#)

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

Generation 3 - RZ Wiring Diagram - All Years

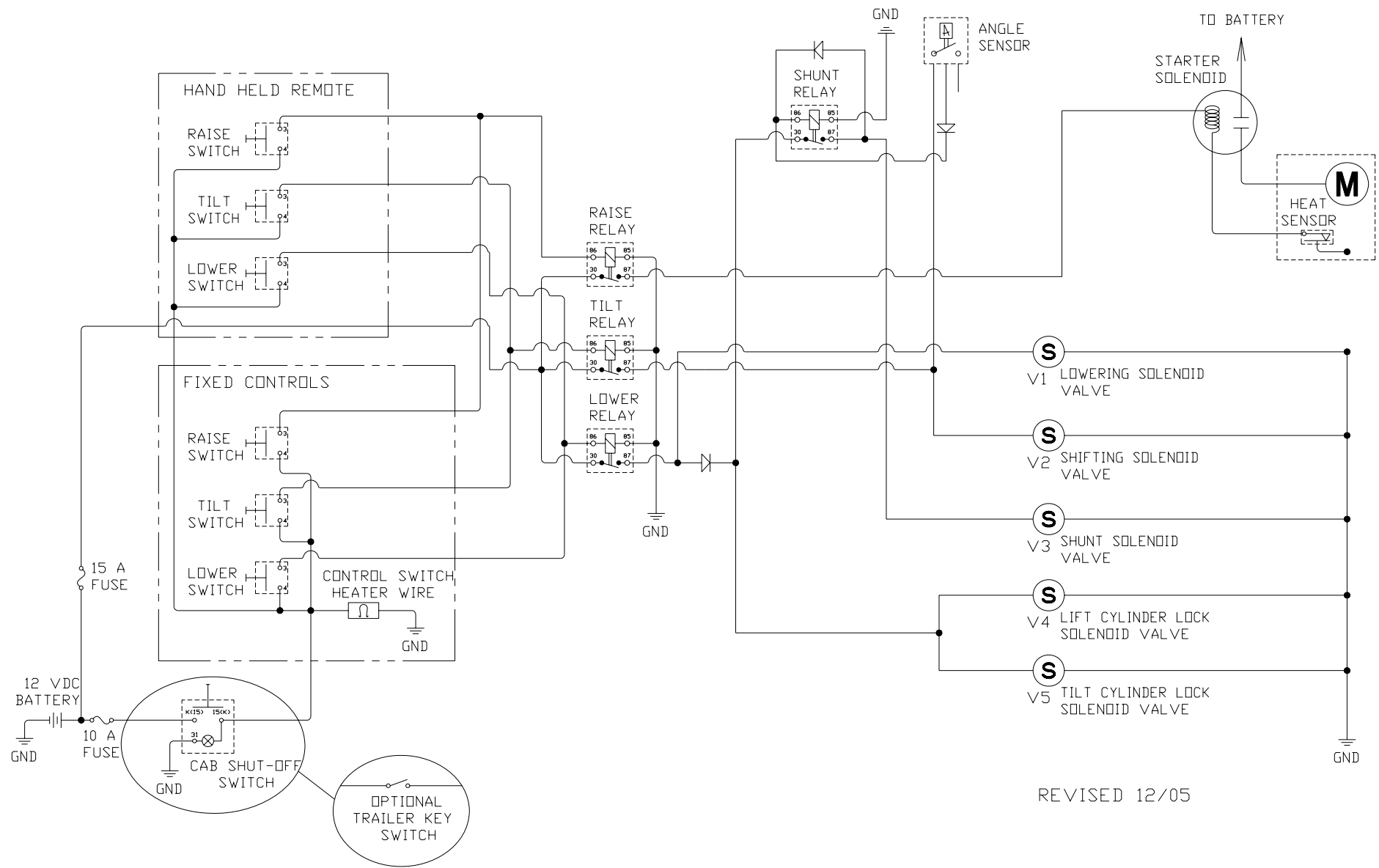


REVISED 12/05

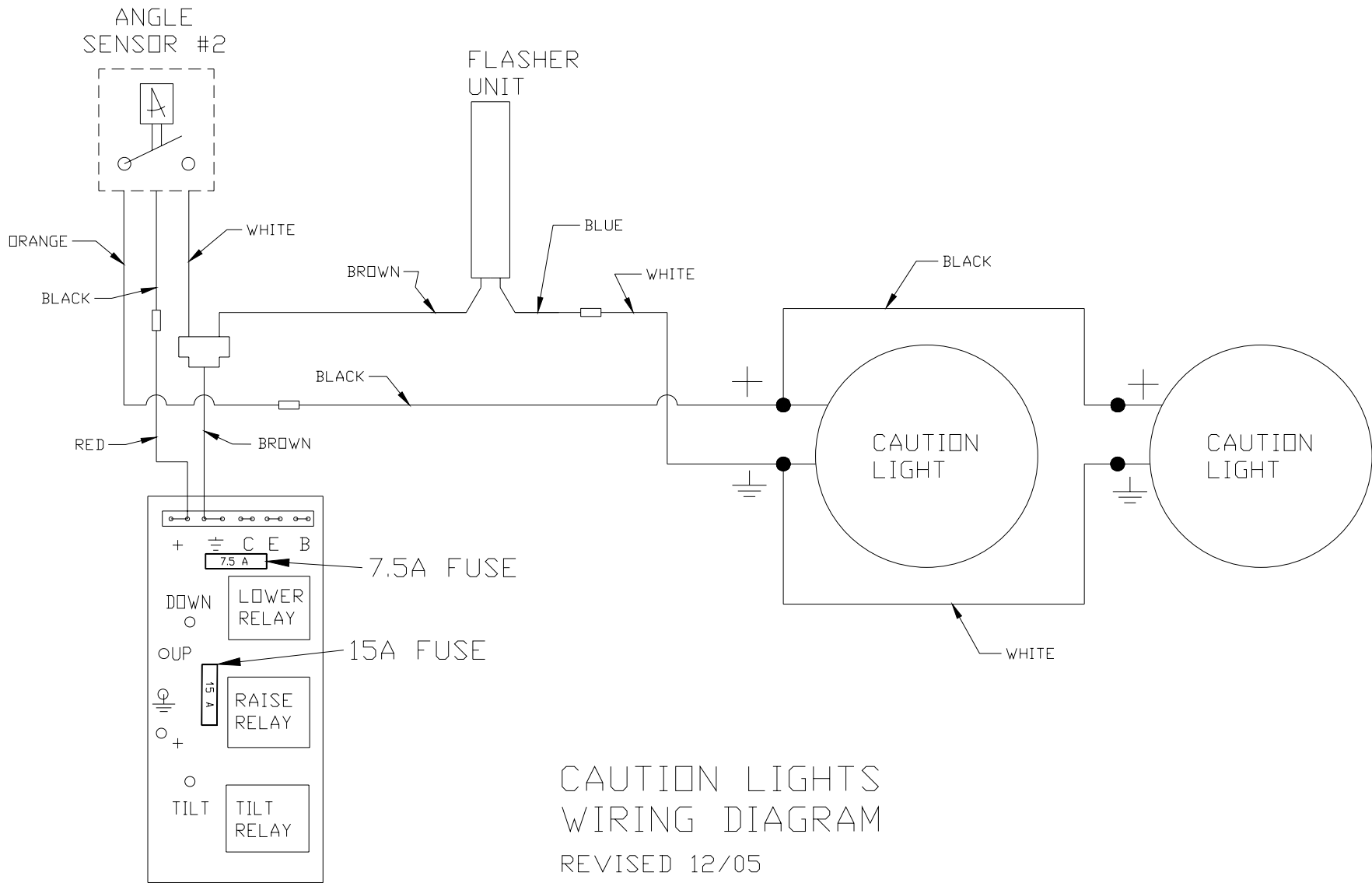
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Generation 3 - RZ Electrical Schematic - All Years

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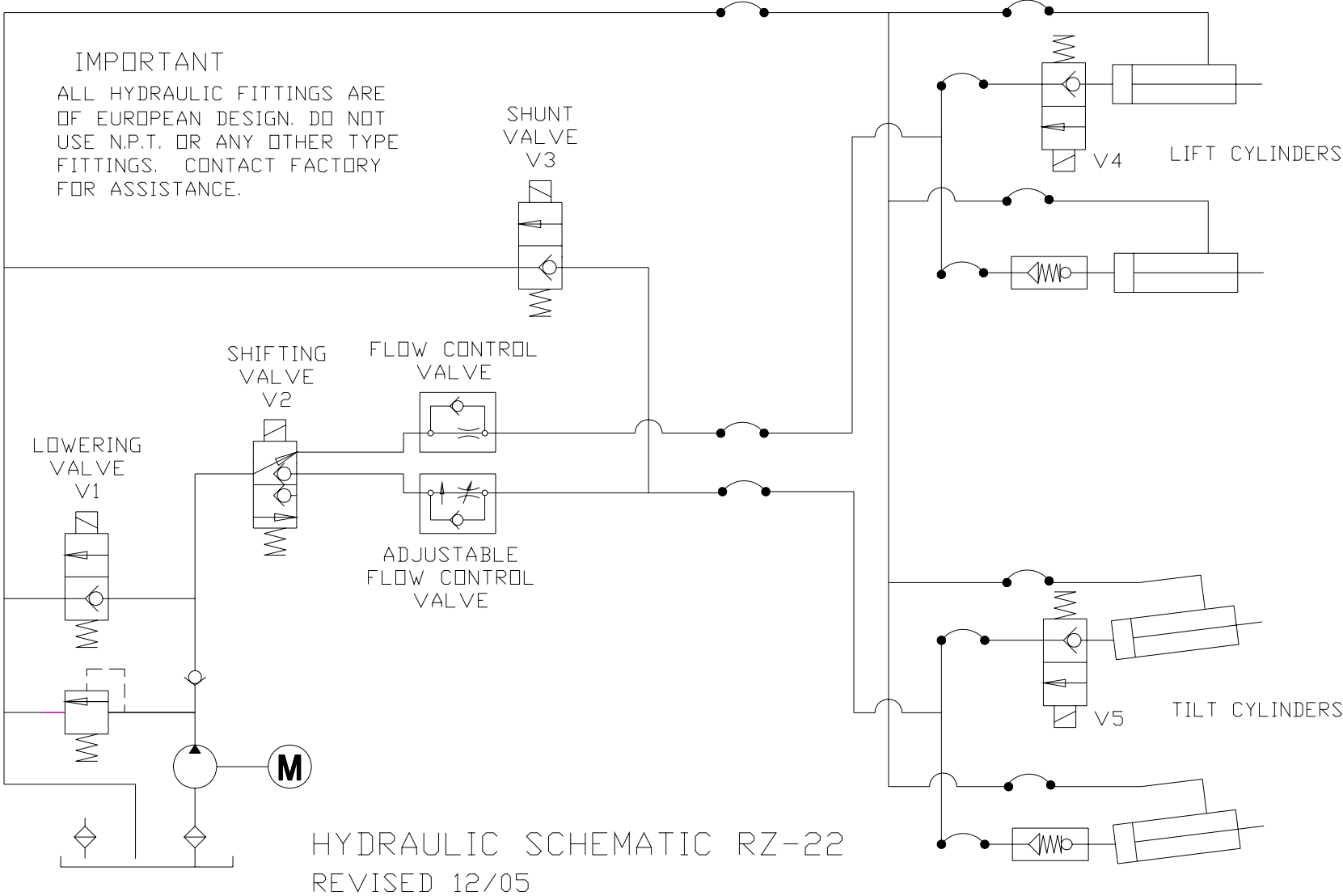


Generation 3 - RZ Platform Light Wiring Diagram - All Years

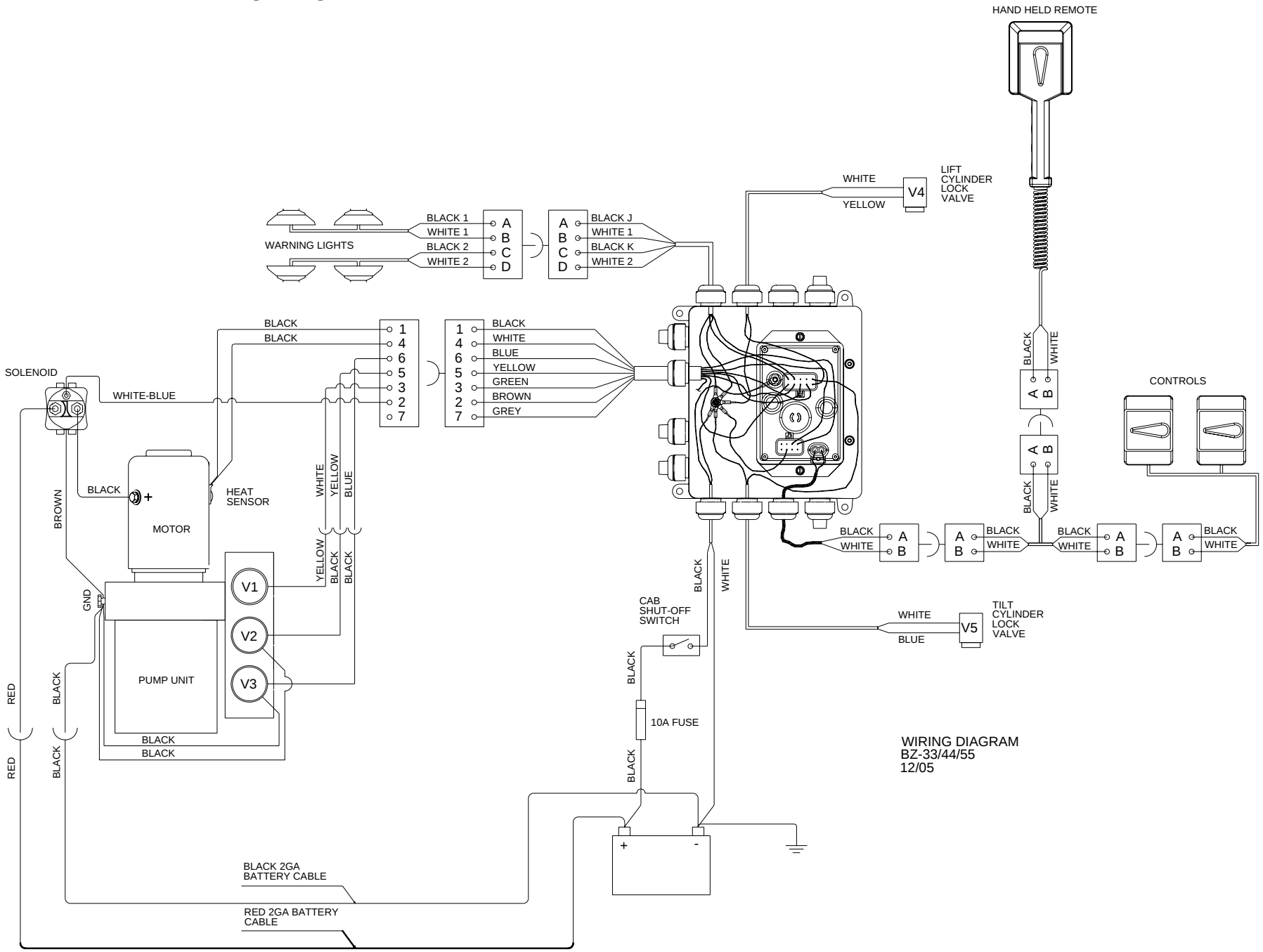


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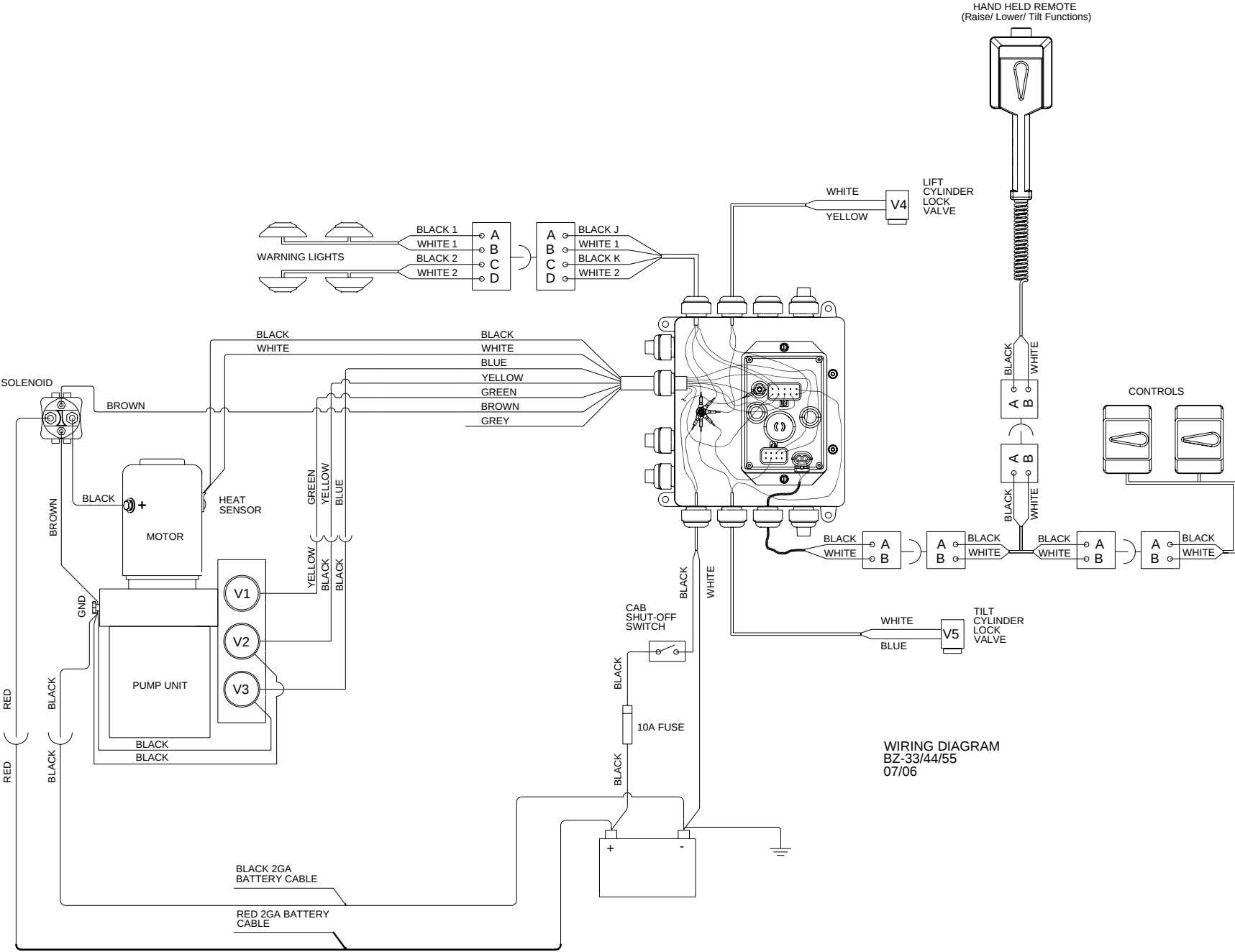
Generation 3 - RZ Hydraulic Schematic - All Years



Generation 3 - BZ Wiring Diagram – Built thru 7-06



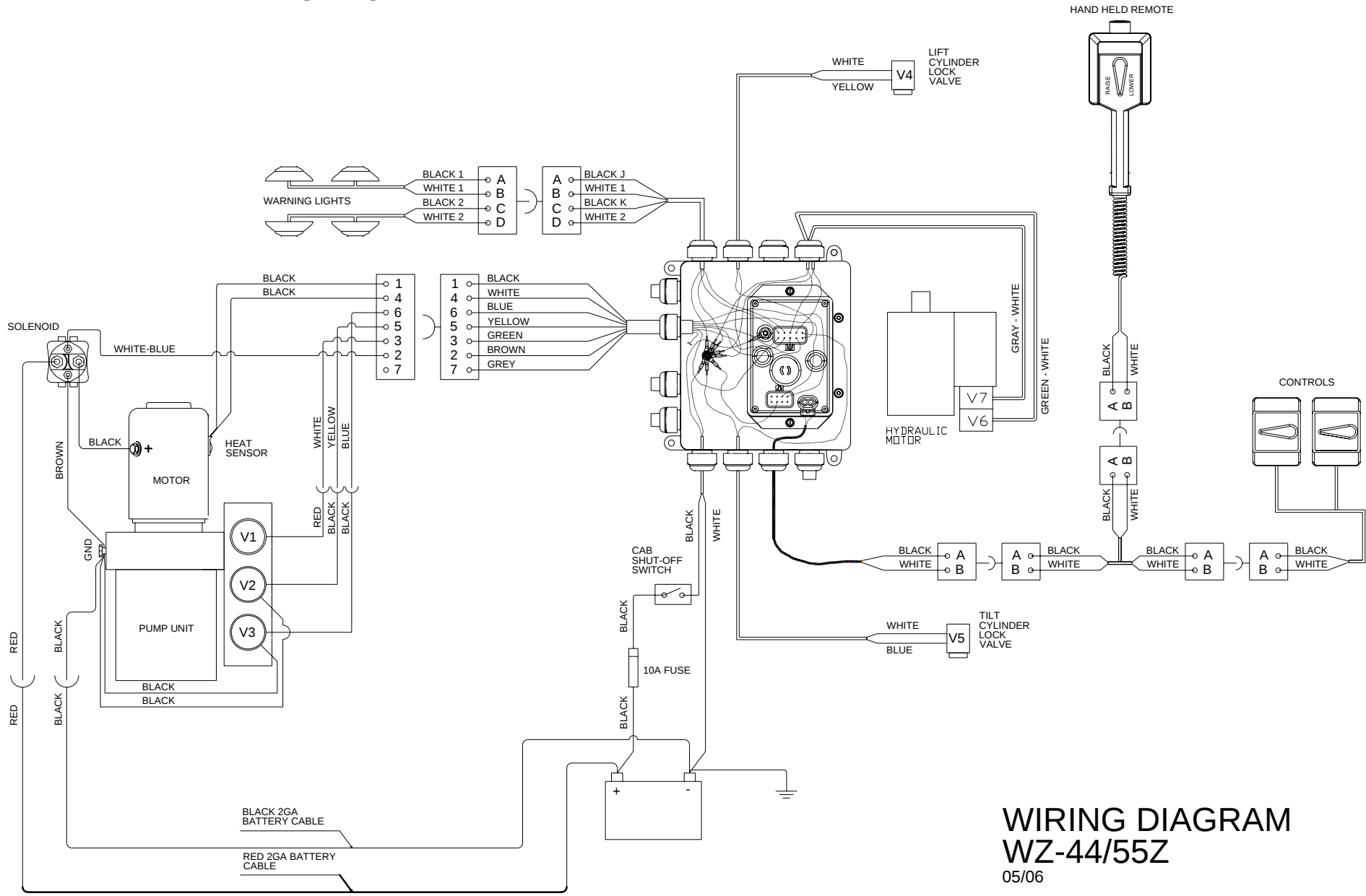
Generation 3 - BZ Wiring Diagram – Built from 7-06



WIRING DIAGRAM
BZ-33/44/55
07/06

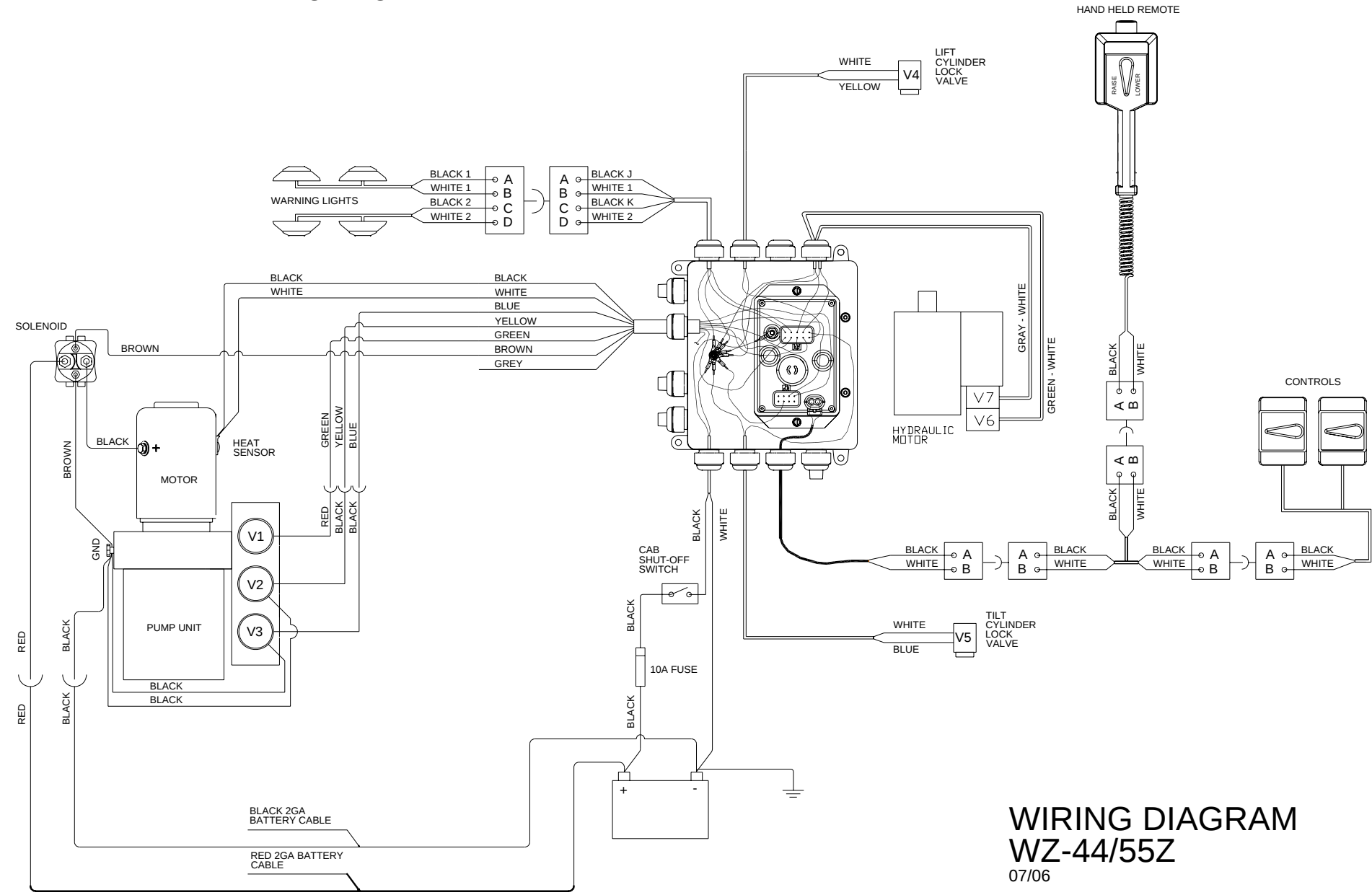
Generation 3 - WZ Wiring Diagram – Built thru 7-06

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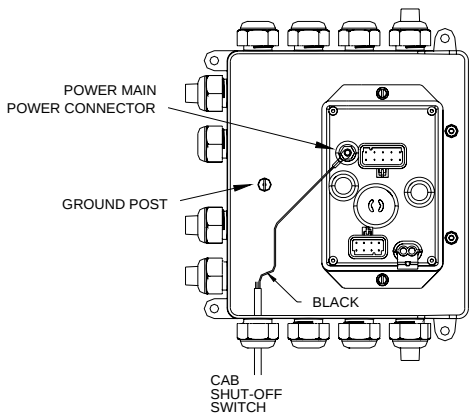
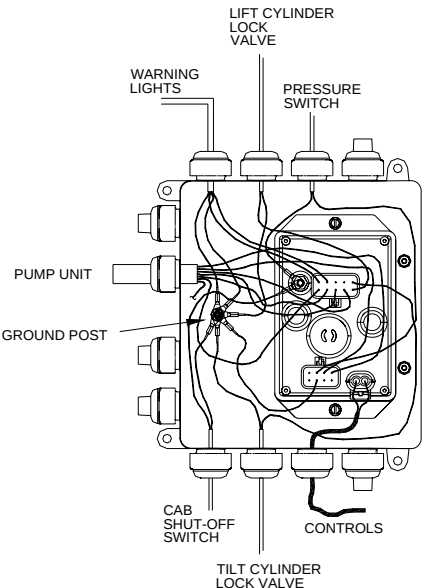


WIRING DIAGRAM
WZ-44/55Z
05/06

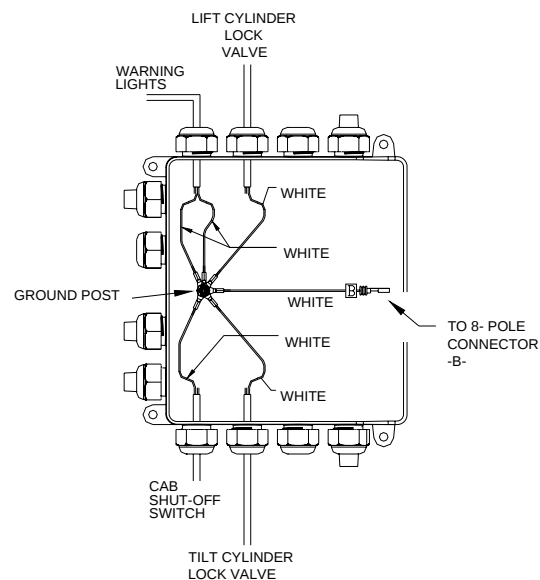
Generation 3 - WZ Wiring Diagram – Built from 7-06



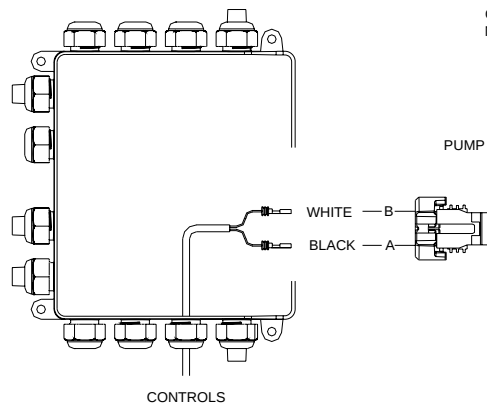
Generation 3 - BZ Control Module Connections - All Years



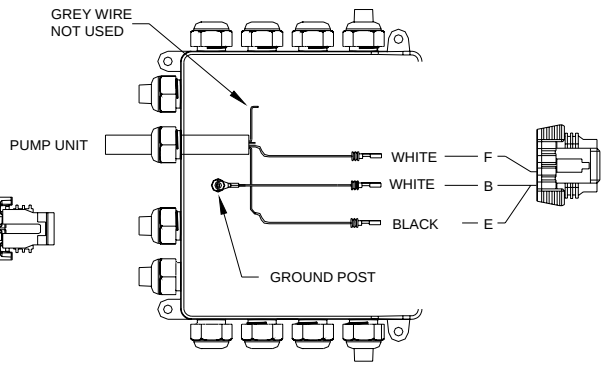
MAIN POWER CONNECTIONS



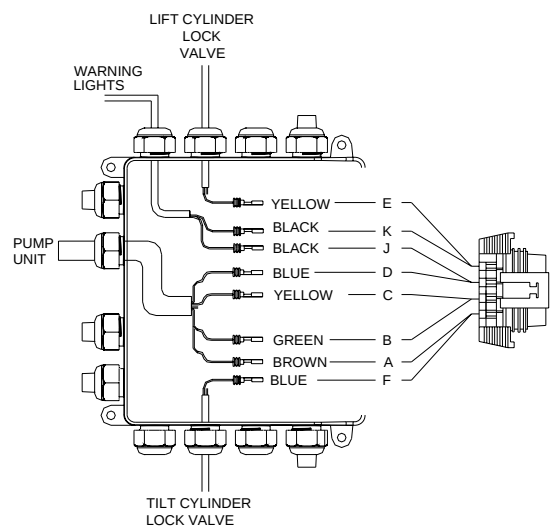
GROUND WIRE CONNECTIONS



2- POLE CONNECTOR

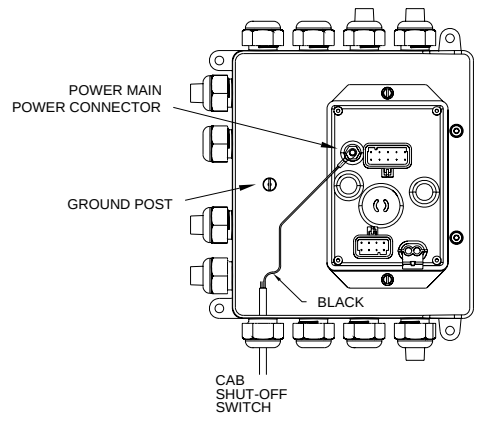
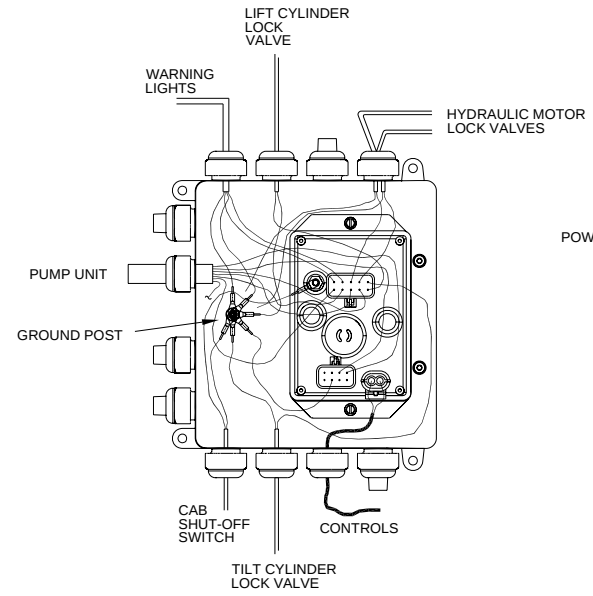


8- POLE CONNECTOR

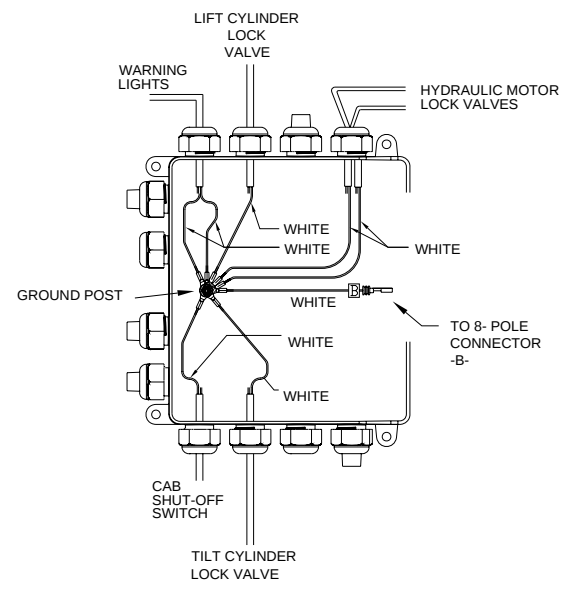


10- POLE CONNECTOR

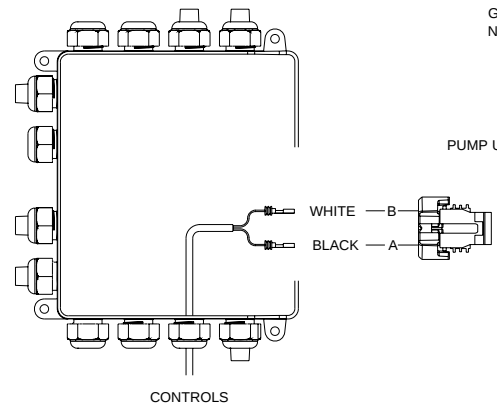
Generation 3 - WZ Control Module Connections - All Years



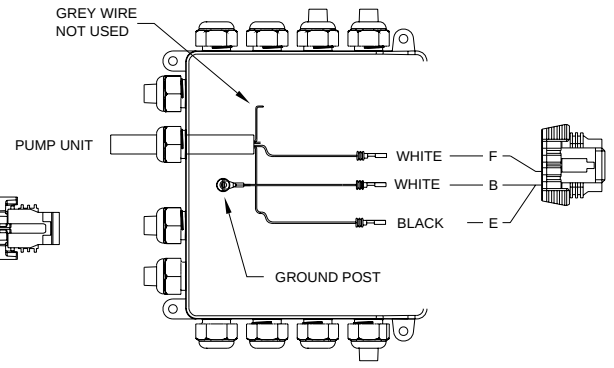
MAIN POWER CONNECTIONS



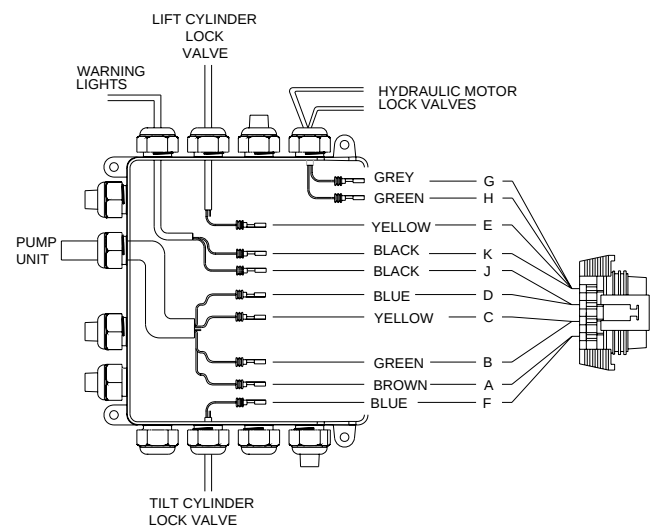
GROUND WIRE CONNECTIONS



2- POLE CONNECTOR

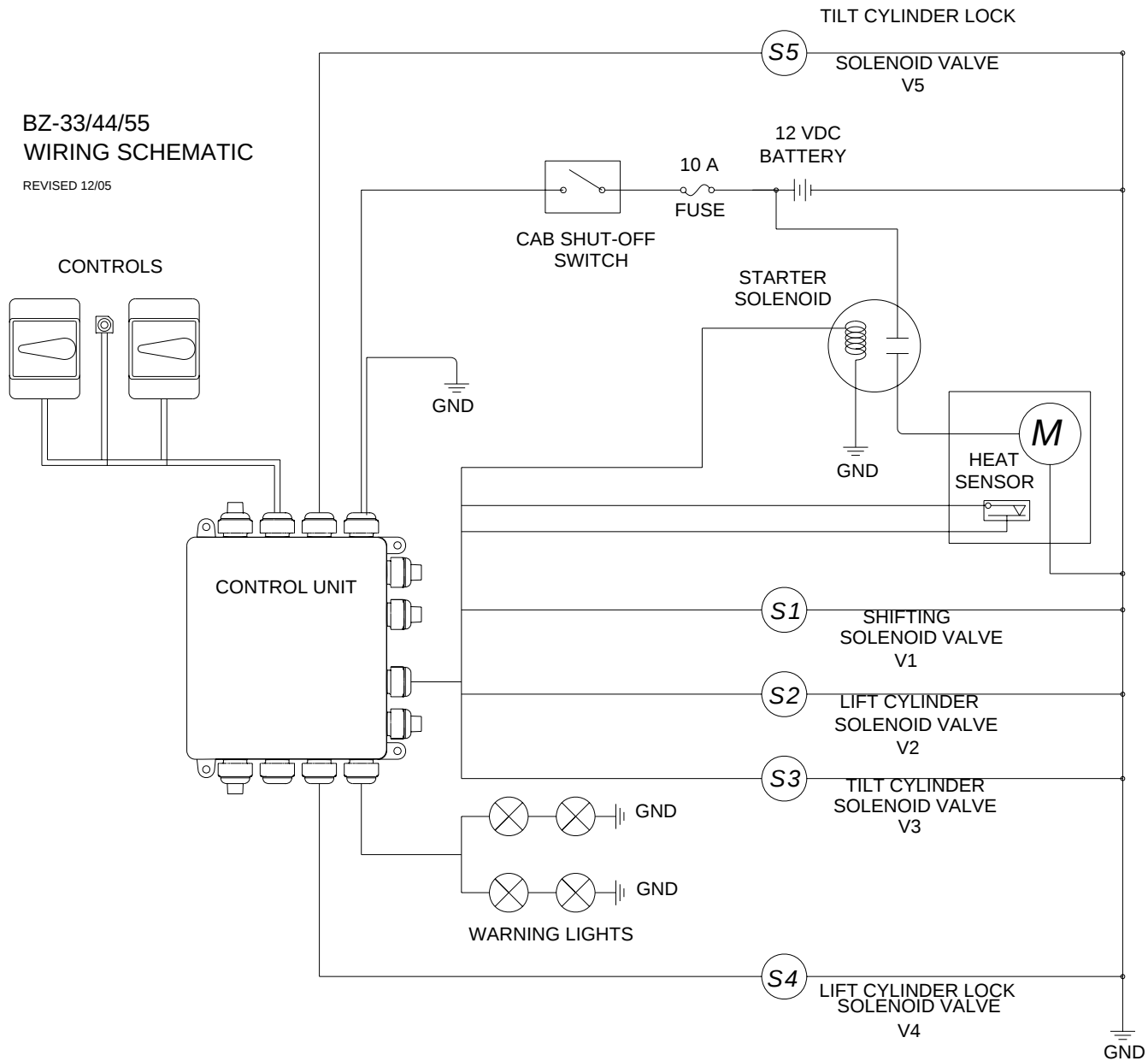


8- POLE CONNECTOR

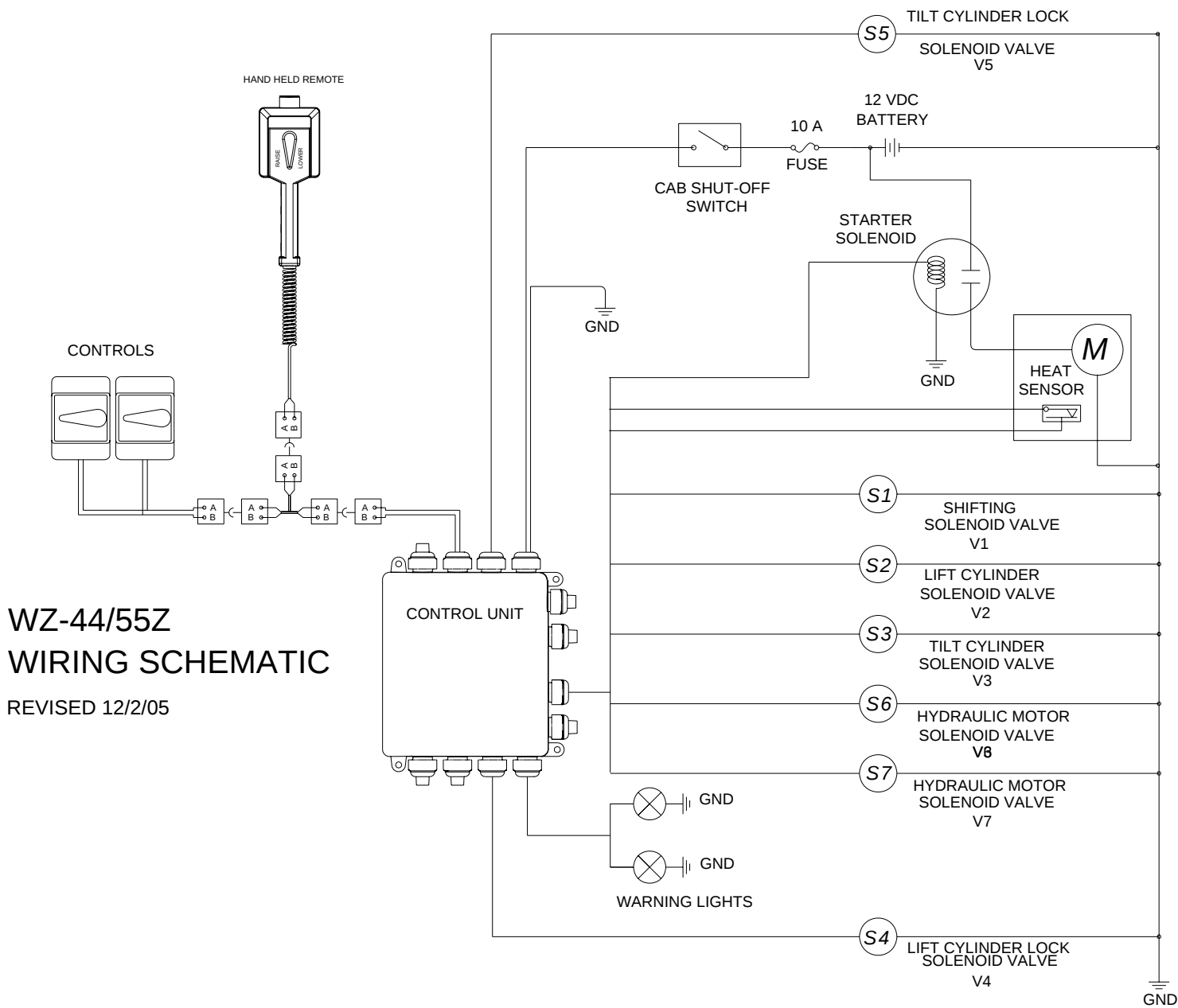


10- POLE CONNECTOR

Generation 3 - BZ Electrical Schematic - All Years

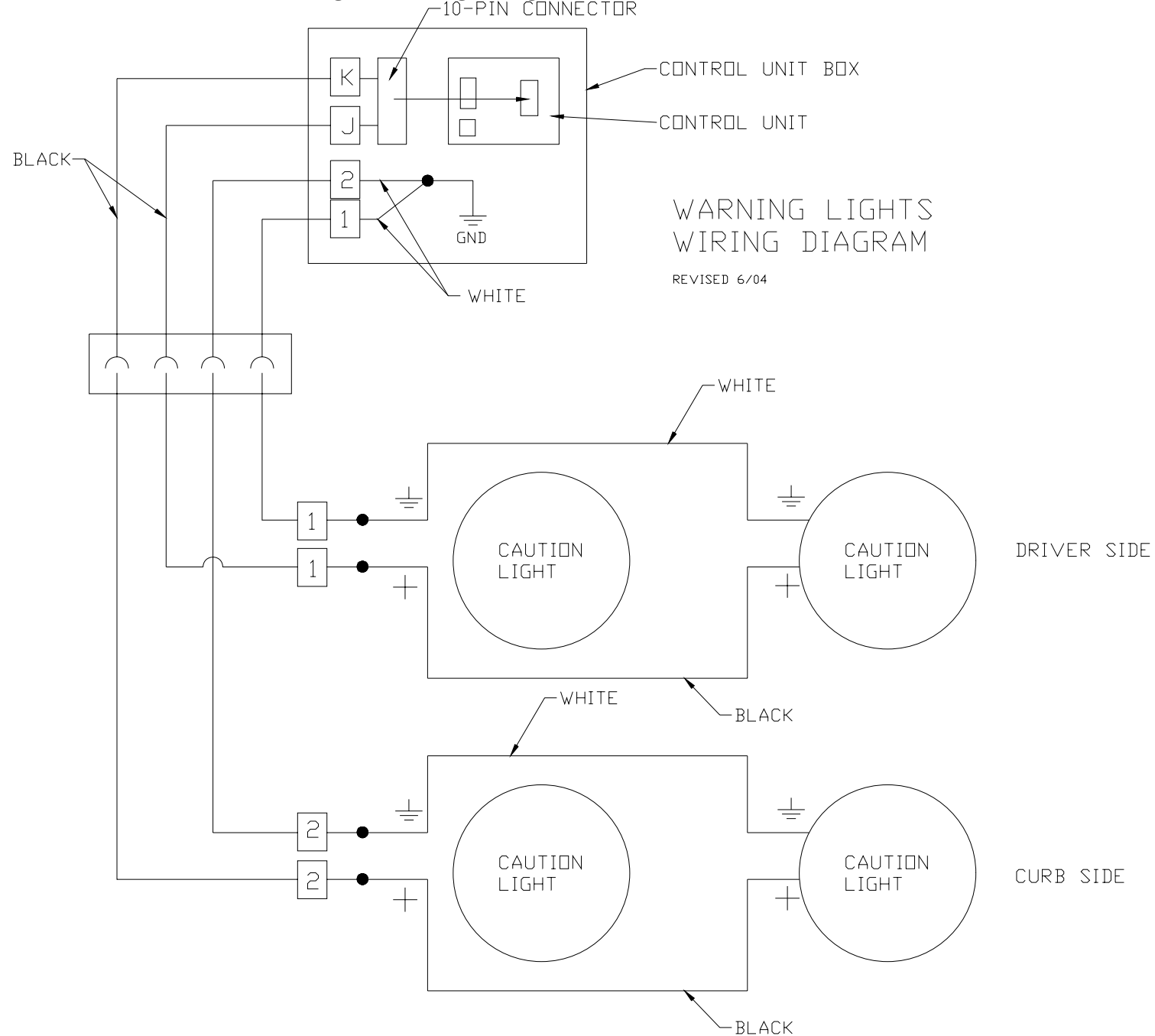


Generation 3 - WZ Electrical Schematic - All Years

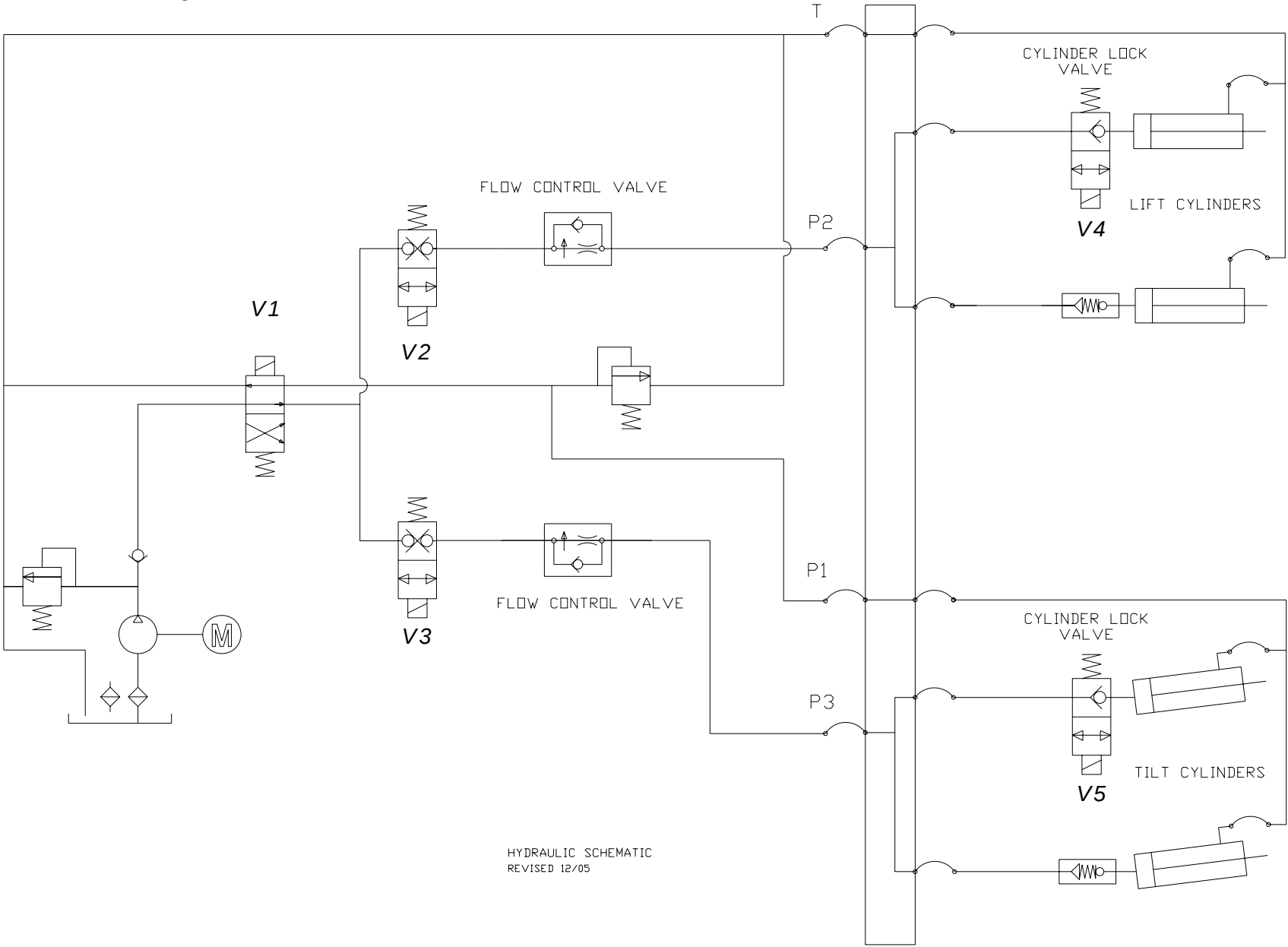


WZ-44/55Z
WIRING SCHEMATIC
REVISED 12/2/05

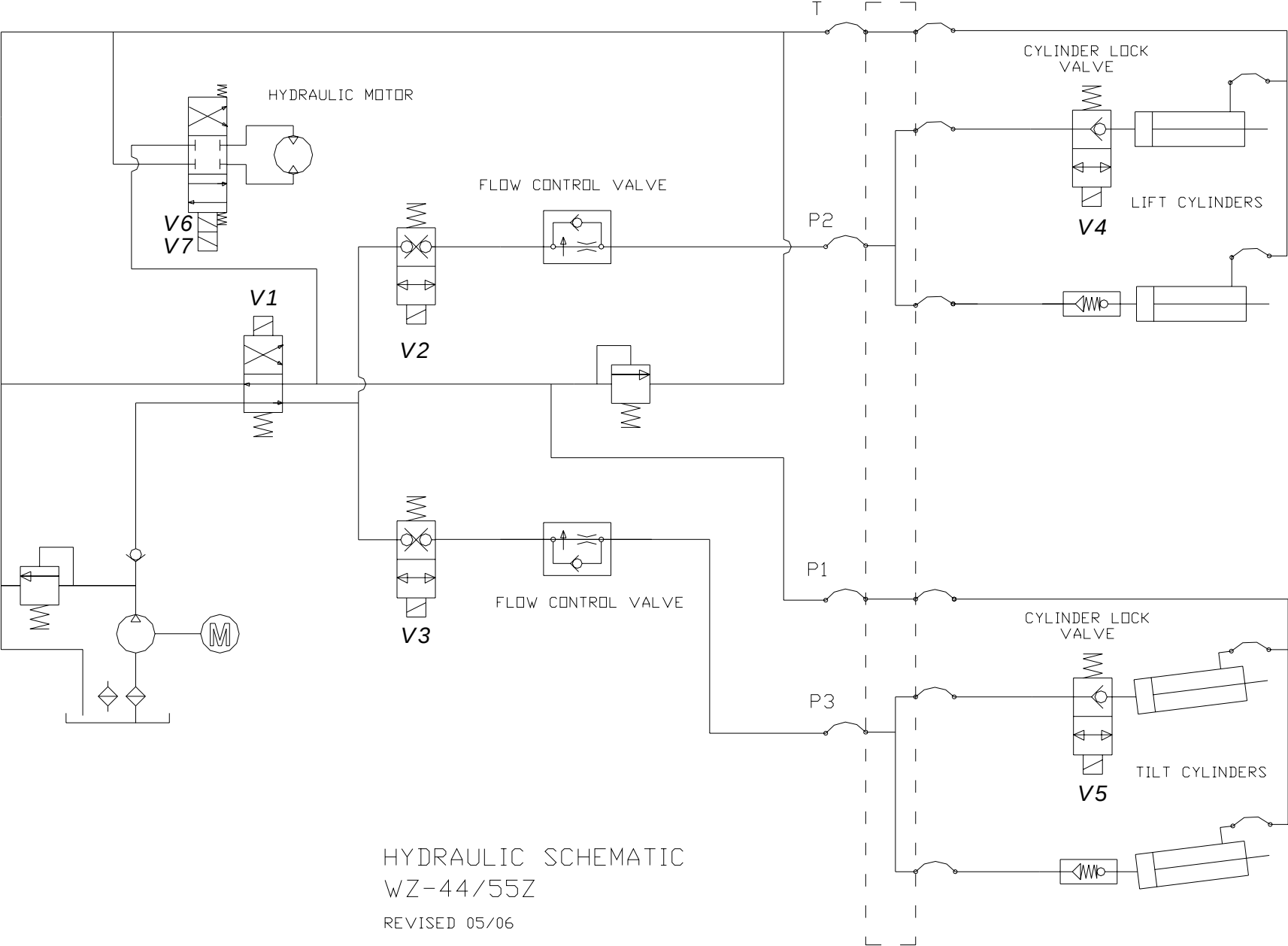
Generation 3 – BZ & WZ Platform Light Wiring Diagram - All Years



Generation 3 - BZ Hydraulic Schematic - All Years



Generation 3 - WZ Hydraulic Schematic - All Years



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	