



EZL-25, EZL-30

Visit us at www.waltco.com

Owner's Manual
2500, 3000 lb. Capacity, Flipaway Liftgate

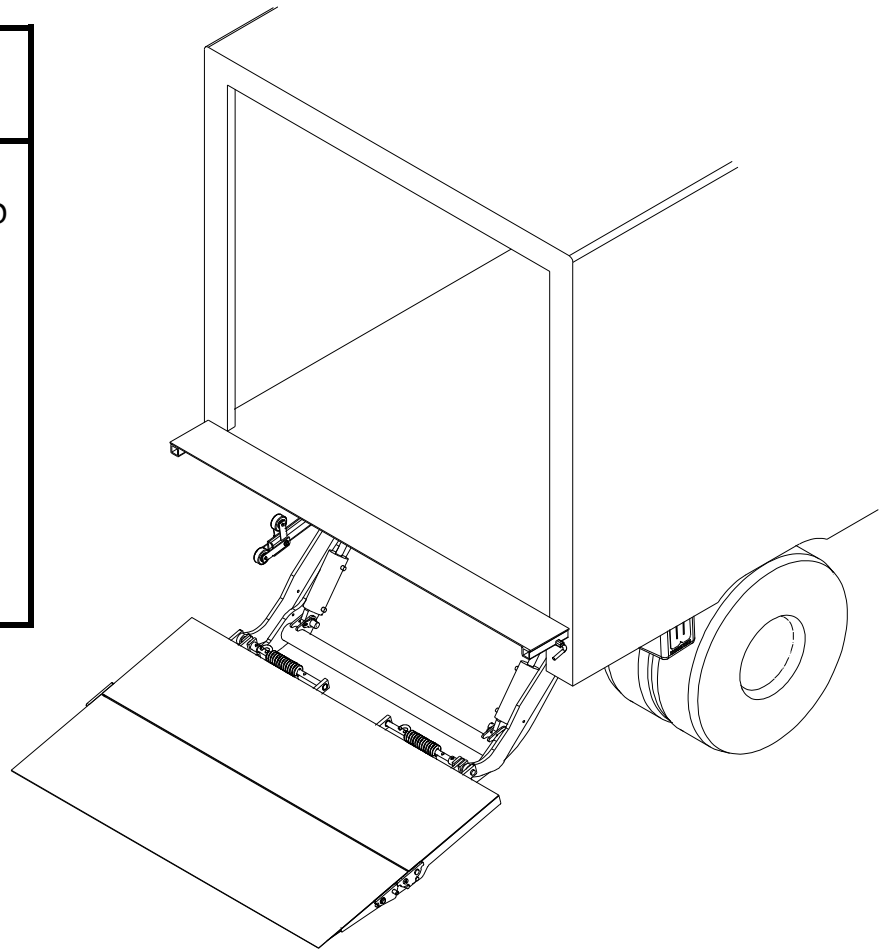
IMPORTANT

KEEP IN VEHICLE

ATTENTION

THE SUCCESS OR FAILURE
OF THIS EQUIPMENT COULD
VERY WELL DEPEND ON
THOROUGH AND PROPER
OPERATION AND
MAINTENANCE OF THIS
EQUIPMENT.

READ AND UNDERSTAND
THE CONTENTS OF THIS
MANUAL BEFORE
OPERATING THE
EQUIPMENT.



12-2008

GR00465

OHIO

285 Northeast Avenue
Tallmadge, OH 44278
(330) 633-9191
FAX – (330) 633-1418

CALIFORNIA

227 E. Compton Blvd
Gardena CA 90248
(310) 243-6800
FAX – (310) 538-1136

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8960 Highway #5
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(770) 949-5342
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E.O. 6097 Rev. 02

80123502

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INTRODUCTION

If anyone observes improper installation, improper operation, or damage, they should immediately contact a qualified person for assistance and correction. We strongly urge anyone that has any questions or doubts as to the installation, condition, use, operation, maintenance or repair of the liftgate to contact us at Waltco where we have qualified personnel that will be happy to assist you. Telephone numbers and addresses of these locations are listed in the Owners Manual and Installation Instructions.

INSTALLATION

Waltco liftgates should only be installed by those with sufficient basic skills to understand the installation and operation of the liftgate, along with the equipment on which the liftgate is being installed. Waltco's installation instructions are not intended to give rationale for all the instructions that are given; however, it is the intent of these instructions to give the installer both the operations and what we believe to be the most desirable sequence of implementing these operations. These instructions can in no way expand into an area where they will replace a qualified person, or clear thinking and a basic knowledge that must be possessed by the installer.

It has been our experience that a knowledgeable journeyman following these instructions and observing the operation of the liftgate will have a sufficient comprehension of the liftgate to enable this person to troubleshoot and correct all normal problems that may be encountered.

Failure to follow the installation instructions, adjustments and mounting dimensions may result in improper and unsafe operation of the liftgate. Unauthorized alterations of the liftgate can cause an undesirable and dangerous condition.

OWNERS MANUAL

The Waltco Owners Manual is intended to act as a guide for operation and routine maintenance but is no way intended to encourage usage or repair of the liftgate by those who are not qualified to do so.

The contents of the owners manual include, but are not limited to general operation instructions, routine lubrication, parts lists, and an outline of things that should be checked but may not be obvious to those not technically qualified. This manual assumes the liftgate is properly installed, undamaged and operates correctly. Improper installation, improper operation, or damage should be immediately corrected by a qualified person.

INSPECTION

As part of the regular inspection of a liftgate and after damage or suspicion of an overload, inspect for wear or structural damage and make necessary repairs or replacements. Check all structural components and their attachment to the liftgate for cracked welds, wear and part deformation. Check cylinder and hose for leaks. Inspections and repairs should be made by a qualified mechanic.

REPLACEMENT PARTS

Use only Waltco original equipment replacement parts. Components of other liftgate manufacturers may outwardly appear to be the same but are not interchangeable with Waltco products. Waltco components are specifically designed for safety requirements, reliability and compatibility with our products. Refer to your Waltco parts manual when ordering parts. NOTE: When ordering, give model and serial number of liftgate.

DECALS

It is important that every vehicle that has a WALTCO Liftgate have legible DECALS clearly posted on the vehicle and an OWNER'S MANUAL in the vehicle at all times as a guide for proper operation and maintenance.

Additional DECALS and OWNER'S MANUALS can be obtained from WALTCO TRUCK EQUIPMENT COMPANY.

Chapter 1 Safety Information

The following safety information must be read before operating Waltco liftgates.

- Read and understand the Owner's Manual and all decals on liftgate before operating liftgate.
- Do not operate liftgate without a thorough knowledge and understanding of the operation of the liftgate.
- Liftgate hazards can result in crushing or falling
- This liftgate is designed for loading and unloading of cargo. If personnel are required to ride liftgate, observe and familiarize yourself with the liftgate operation, decals and manuals. Ensure stable footing at all times
- Do not ride liftgate with unstable loads.
- Keep hands and feet clear of all potential pinch points.
- Do not attempt any repairs unless you are qualified to do so. Care should be taken when work is performed on a disabled liftgate located near moving traffic. When possible the vehicle should be moved away from traffic areas for repair. Precautionary measures should be taken to ensure personal safety including those recommended in Federal Motor Vehicle Safety Standards 571.125.
- **NEVER OVERLOAD LIFTGATE**
Refer to the Explanation of Specification Tag in the Liftgate Terminology chapter for liftgate capacity rating.
- Never use liftgate if it makes any unusual noise, has unusual vibration, raises or lowers unevenly, or fails to operate smoothly.
- Never use liftgate if it shows any signs of structural damage such as cracked welds, bent or distorted members.
- For liftgates with Runners, never use liftgate if Runners do not travel freely and smoothly.
- All protective covers, guards, and safety devices must be in place and access doors closed before operating liftgate.
- Make certain the Platform area, including the area in which loads may fall, is clear before and at all times during the operation of the liftgate.
- For liftgates with Roller Lifting Chain, the Chain should be replaced every (5) five years or 15,000 cycles, whichever comes first. Replace only with Waltco approved Roller Chain.
- A Lock-Out device or Shut-Off Switch should always be used to prevent unauthorized use of liftgate.
- Never transfer loads which exceed lifting capacity on or over any part of the Platform unless the liftgate is equipped with a special reinforced Platform and Platform Support Bars for use when the Platform is used as loading ramp (dock board). Refer to the "Using Platform as a loading ramp" Chapter in the Operation Instructions of the BZ/RZ series Owner's Manual.
- Platform is always to be properly stored and secured for transit. See the Owner's Manual for details.
- For liftgates equipped with Trailer Hitches, never exceed the rated capacity of the hitch. Do not exceed the vehicle's weight rating. Refer to the vehicle's Owner's Manual.

Chapter 1 Safety Information

- Take care to retain cargo during transit for liftgate Platforms which function as the tailgate or door of the cargo area. Small objects can fall through the space between the vehicle and the folded Platform.
- Vehicle must comply with all state and federal standards.
- Follow the “Maintenance Guide” chapter in the Owner’s Manual.

Liftgates with Tilt Function

- Proper use of the Control Switches is of extreme importance.
- Improper use of Tilt Switch could cause load to fall from the Platform or damage the liftgate.
- Platform should be in a generally horizontal position when raising or lowering with a load.
- In any tilt position, the Platform may vary from level while raising or lowering the Platform.

Liftgates equipped with spring operated Cam Closer

- Replace Cam Release Spring every five (5) years or 15,000 cycles, whichever comes first.

RGL

- Make certain Platform Brake mechanisms are operating properly.
- The Runners are always to remain powered up against the Upstops Pins when in transit.
- Inspect Cables every three (3) months or 750 cycles, whichever comes first. Cables must be replaced if they show signs of wear, distortion, kinking or if any broken wires are visible
- Replace cables every five (5) years or 10,000 cycles, whichever comes first.

SIGNAL WORDS

WARNING

Indicates a potentially hazardous situation, which if not avoided, could result in death or serious injury.
Black letters on an orange background

CAUTION

Indicates a potentially hazardous situation, which if not avoided, may result in minor or moderate injury. May also be used to alert against unsafe practices.
Black letters on a yellow background.

 **WARNING** **CAUTION**

WALTCO Warranty Policy

WALTCO warrants its products free of defects in materials and workmanship.

WALTCO will replace components found defective during the warranty period. Labor will be reimbursed according to our flat rate labor schedule at the prevailing shop rate.

Contact our Sales or Warranty departments for the warranty period of your model or for information regarding our flat rate labor schedule.

WALTCO Warranty Claim Procedure

For consideration, all claims must be received within 30 days of repair and include the following information:

- Liftgate Serial Number
- Description of problem and corrective actions
- Itemization of the labor charge to include the number of hours and labor rate

Replacement warranty parts can be obtained by contacting Waltco's Parts Department. Parts must be returned for inspection when requested.

Exclusions:

Waltco's warranty does not include reimbursement for service calls, vehicle rental, towing, travel time, fabrication of parts available from WALTCO, damage from misuse or abuse, negligence, accidents, alteration, loss of income or overtime expense, oil, or normal wear.

Diagnosis and troubleshooting time are included in the flat rate labor times.

Warranty and technical information is available from WALTCO's toll free customer service lines from 8:00 a.m. to 5:00 p.m. EST.

Waltco Truck Equipment Co.

285 Northeast Ave, Box 354, Tallmadge, OH 44278

1-800-211-3074, 330-633-9191

Please visit our websites: <http://www.waltco.com> or <http://www.hiab.com>

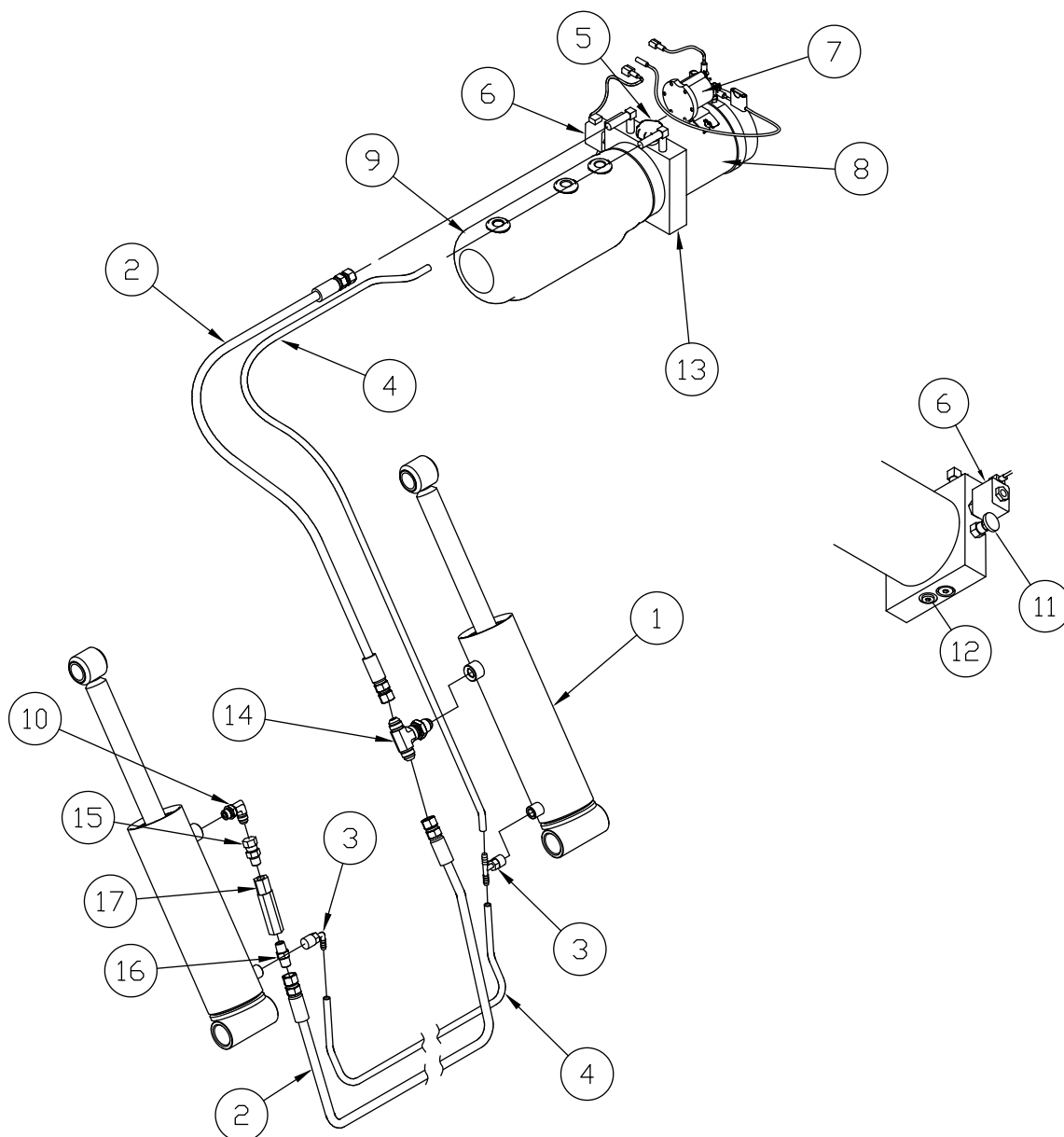
We're behind you all the way!

Chapter 2

Liftgate Terminology

1. Hydraulic Cylinder
2. Hose Assembly
3. Return Line Barbed Fitting
4. Return Line
5. Breather
6. Lowering Solenoid
7. Pump Unit Starter Solenoid
8. Pump Unit Motor
9. Pump Unit Reservoir

10. 90° Hose Fitting
11. Flow Control Valve
12. Drain Plug
13. Pump
14. T- Hose Fitting
15. Male-Female Coupler
16. Female-Female Coupler
17. Flow Control Valve

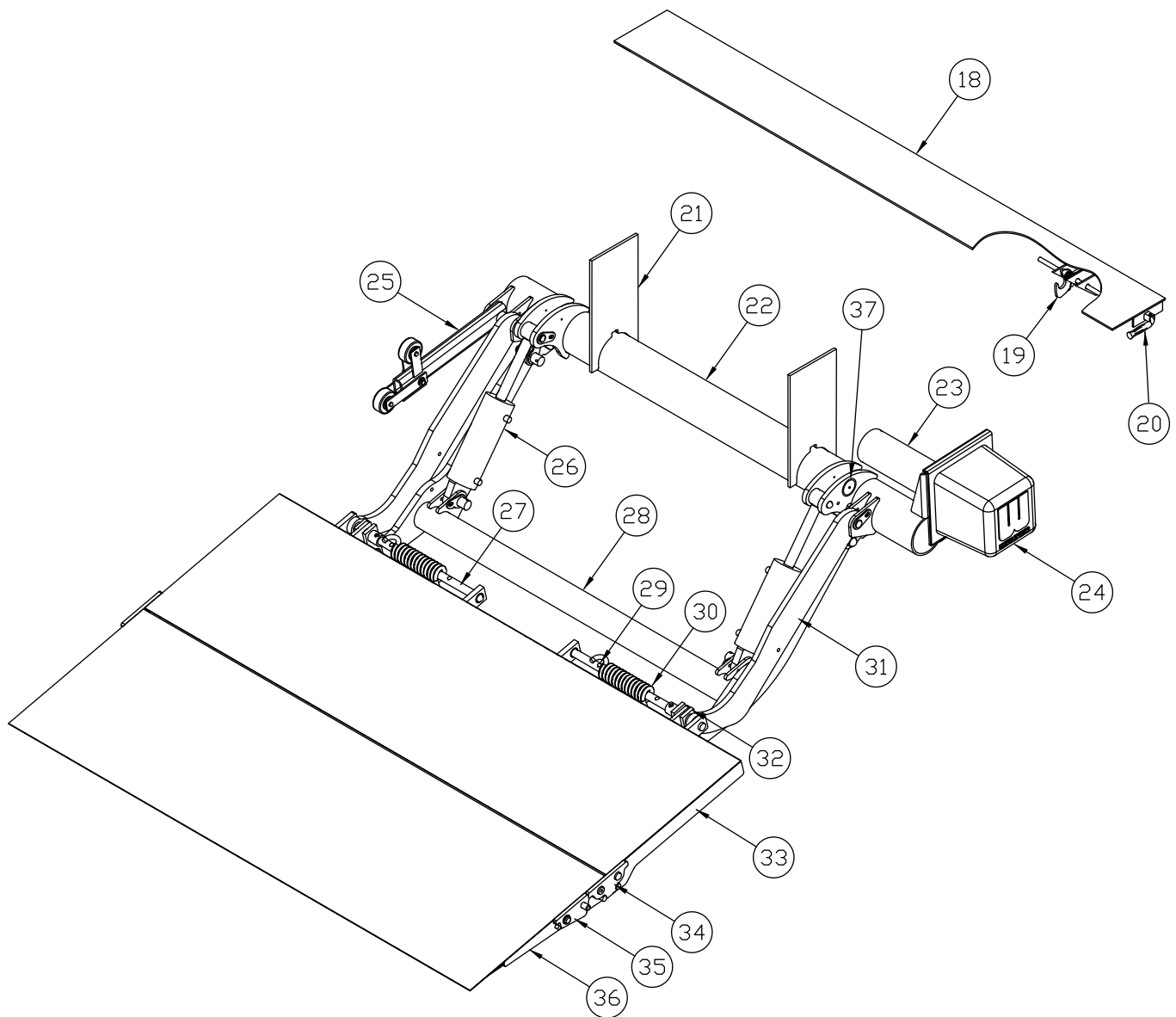


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Chapter 2

Liftgate Terminology

- | | |
|--------------------------|-----------------------------|
| 18. Bed Extension | 28. Lift Arm Assembly |
| 19. Transit Hook | 29. Roll Pin |
| 20. Transit Latch Handle | 30. Spring |
| 21. Mount Plate | 31. Parallel Arm |
| 22. Mount Tube Assembly | 32. Stop Block |
| 23. Pump Unit | 33. Deck Assembly |
| 24. Pump Cover | 34. Hinge |
| 25. Parting Bar | 35. Platform Lock |
| 26. Hydraulic Cylinder | 36. Deck Extension Assembly |
| 27. Main Deck Pin | 37. Specification Tag |



GR00467

Chapter 2

Liftgate Terminology

Explanation of Specification Tag

Model No.	Model Name	Description	Capacity
235	EZL-25	Flipaway	2500 lbs.
236	EZL-30	Flipaway	3000 lbs.

MODEL NUMBER

RATED CAPACITY

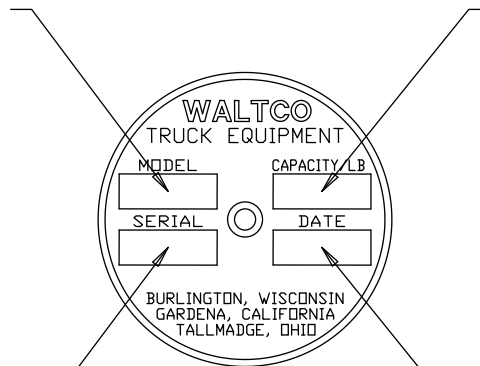
Based on an evenly distributed load on the platform flat surface.

SERIAL NUMBER

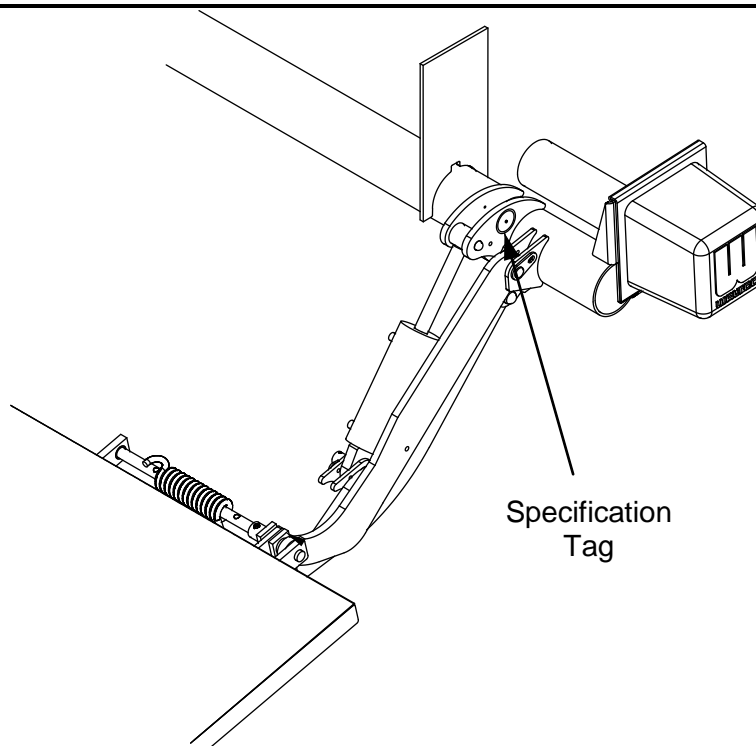
of liftgate. To be used when ordering parts or when contacting Waltco for service or warranty questions

DATE OF MANUFACTURE

Month / Year



GR00241



GR02275

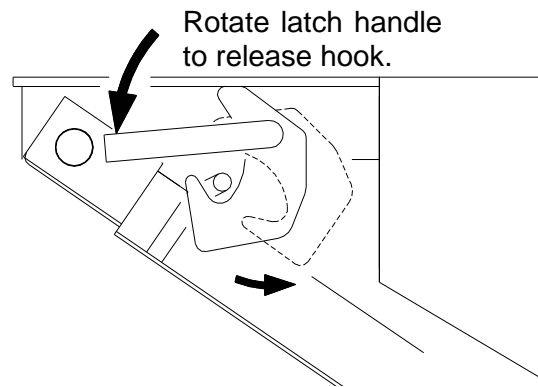
Chapter 3 Operations Instructions

TO OPEN PLATFORM

Rotate and hold latch handle to release hook.
Push Lower Switch to lower platform to ground.
Unfold platform using handle on underside.

CAUTION:

Never force latch handle if platform weight is on hook. To free handle and hook, push Raise Switch.

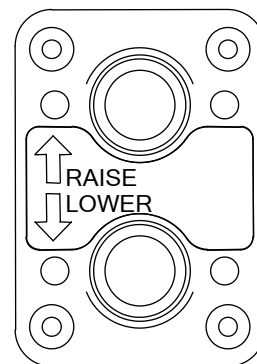


GR00178

TO OPERATE LIFTGATE

Use Raise and Lower Switch to raise and lower platform.

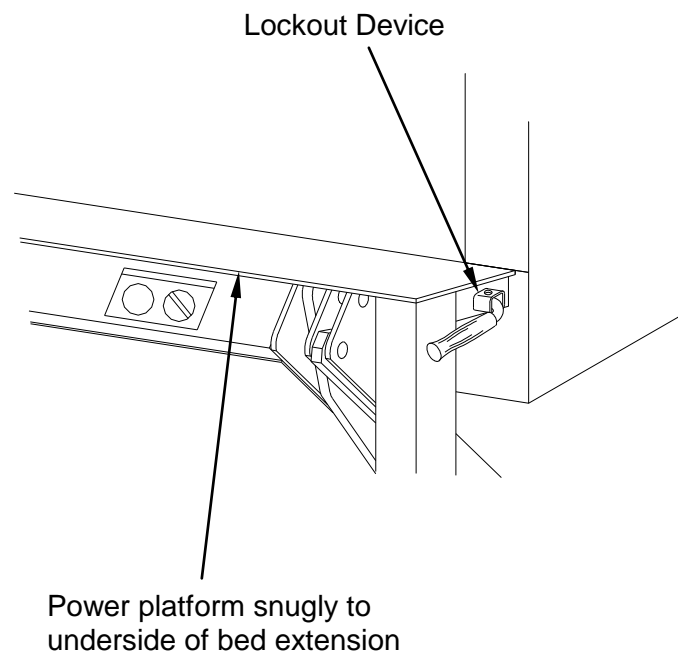
Load platform as close to vehicle and towards middle of platform as possible. Maximum rated capacity is based on an evenly distributed load on platform flat surface.



GR02094

TO STORE LIFTGATE FOR TRANSIT

Lower platform to ground.
Fold platform.
Raise platform to transit position.
Power platform snugly to underside of bed extension.
Insert a heavy guage padlock into lockout device if desired, to prevent unauthorized use of liftgate.



GR00180

Chapter 3 Operations Instructions

TO STORE LIFTGATE FOR TRANSIT

Lower platform to ground.

Lift release handle on curb side of platform extension.

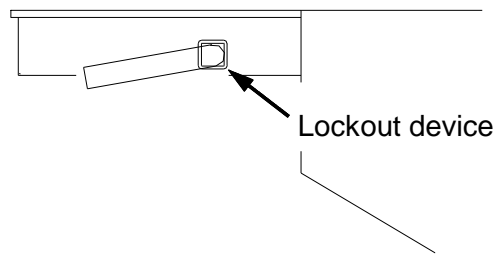
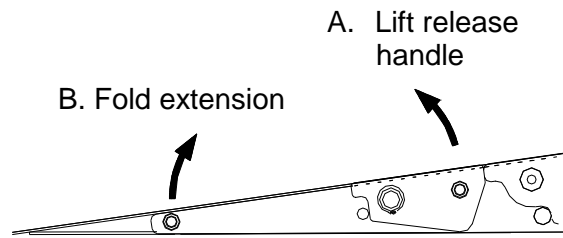
Fold platform extension.

Fold platform up to rest on parting bar roller.

Raise platform to transit position. Make certain platform has engaged the latch hook.

Platform should rest up against bed extension in transit. Not on latch hook.

A padlock can be used as a lockout device to prevent unauthorized use of liftgate.



GR00478

MONTHLY INSPECTION

Operate the liftgate throughout its entire operational cycle. Check for:

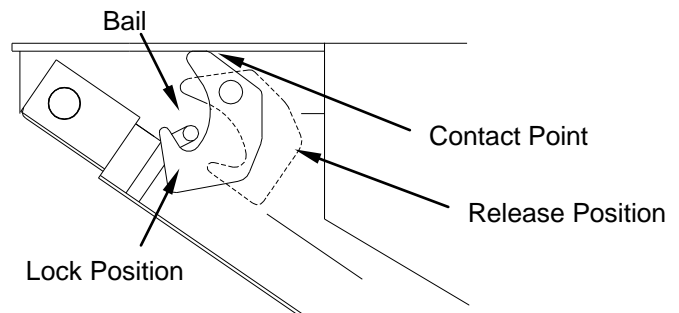
- Damage to lifting structure such as bent or distorted members or cracked welds.
- Bent or distorted cylinder pins or damaged cylinder.
- All pivot and cylinder pins are securely in place, undamaged and retained by their proper fasteners (refer to parts drawings in chapter 7, **“PMs and Schematics”**).
- Damaged or worn bearings that pivot and cylinder pins rest in.
- Controls operate correctly (refer to chapter 3, **“Operations Instructions”**)
- Check all power cables, ground cables, and connections.
- Clean and tighten all loose connections. Replace any damaged or corroded wires or connectors.

Inspect transit hook mechanism.

Hook must operate freely.

Hook must engage bail when platform is in transit position with latch handle in neutral position.

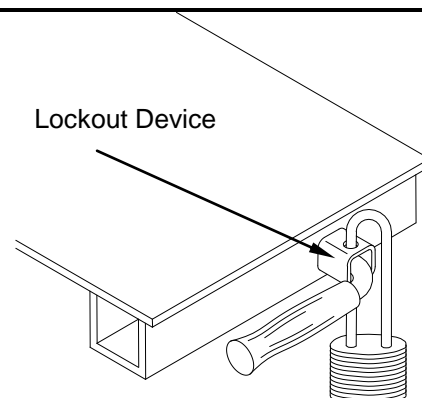
Hook must freely return to Lock Position when latch handle is released.



GR00182

Check proper operation of lockout device.

A heavy gauge pad lock can be used as a lockout device to prevent unauthorized use of liftgate.



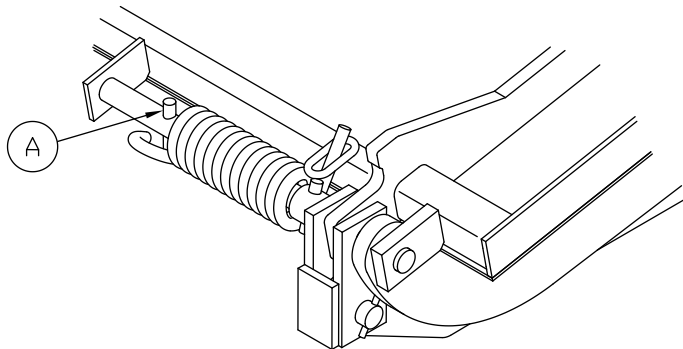
GR02095

Chapter 4

Inspection

Inspect fold over assist spring(s) and related hardware.

Check that coiled pin(s) (A) contact and holds torsion spring(s) when platform is opened.



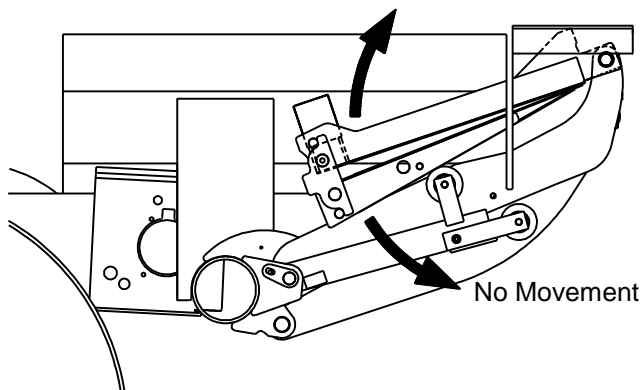
GR02109

CHECK PLATFORM UP-STOP

With platform stored snugly against bed extension:
Check that liftgate stores tightly.

IMPORTANT:

Excessive looseness may be a sign of worn, bent or broken parts. Inspect all pins, bearings, hinges, arms, and their attaching hardware. Replace any worn or damaged parts BEFORE PROCEEDING to adjust the up-stop.



GR00462

UP-STOP CORRECTION

Place liftgate in position so it is 1/8" below the bed extension.

Measure distance between bottom of up-stop and underside of deck structure.

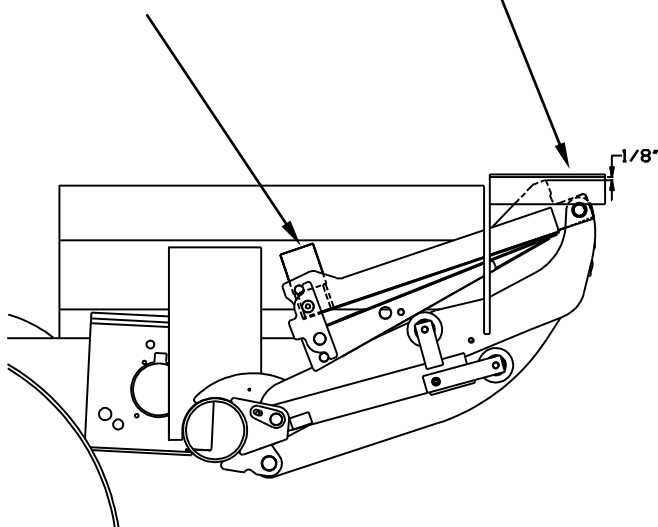
Lower platform to ground. Add steel to up-stop for the distance measured. Weld securely.

Verify function:

- Folded platform must be held snugly when raised to touch underside of bed extension.
- Up-stop must not interfere with platform movement when opening or closing.

Up Stop to touch deck structure in this position.

Bed Extension



GR00463

Chapter 4

Inspection

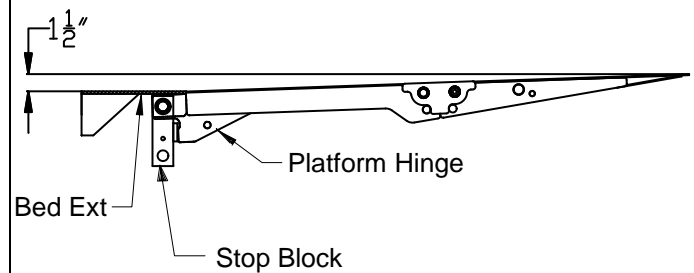
CHECK PLATFORM TILT

Raise Platform to bed level and inspect

With no load, platform tip should be about 1-1/2" above truck floor level.

Carefully inspect all liftgate components for wear or damage.

Replace any damaged or worn components before proceeding.



GR00464

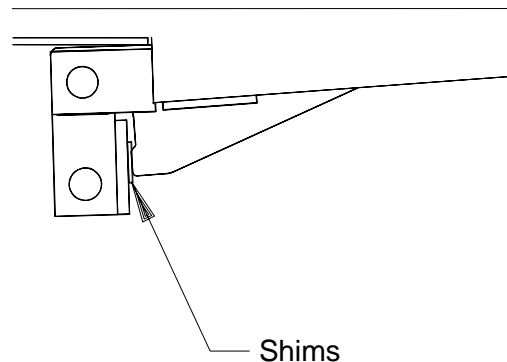
PLATFORM TILT ADJUSTMENT

If Platform is sagging, add shims between Stop Block and Platform Hinge to achieve 1-1/2" dimension above.

IMPORTANT:

Shim both Stop Blocks evenly.

Weld shims to Stop Blocks.



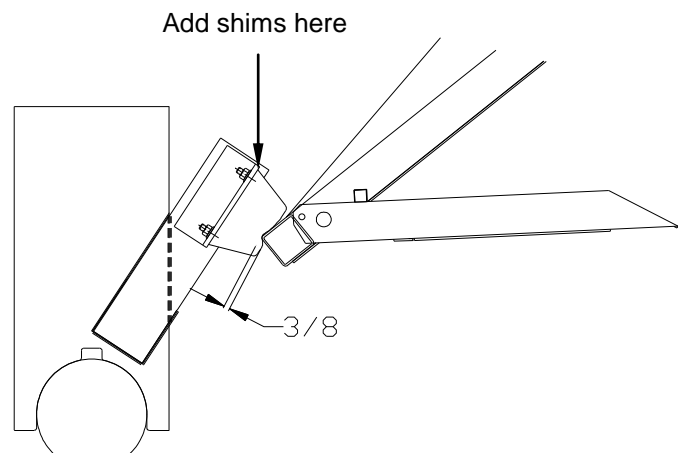
GR02093

CHECK RUBBER SNUBBERS (OPTIONAL)

Recommended for Semi-Trailer and Dual Rear Axle applications.

Raise platform to fully closed position. Pull up and rearward on deck extension to make certain platform is fully in stored position.

Platform end tube should compress rubber snubber about 3/8". If not, add shims or large washers under snubber pads to obtain this compression.



GR00185

HYDRAULICS

Inspect for oil leaks in:

Hydraulic cylinder(s)

Hydraulic hoses - Replace hoses if they show signs of excessive abrasion

Hydraulic fittings and valves

Tighten or replace all hydraulic components as may be required to stop oil leakage

Chapter 4

Inspection

CHECK AND FILL HYDRAULIC RESERVOIR

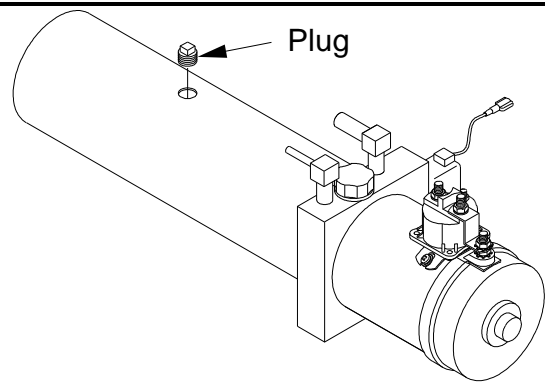
Position liftgate deck per chart below.

Remove Reservoir Plug.

Oil level should be 1/2" from top of reservoir.

If low, fill as required. Use appropriate fluid per chart.

Replace Plug.



GR00159

LIFTGATE POSITION FOR OIL LEVEL CHECK

	Gravity Down Pump:	Power Down Pump:
Deck should be in this position:	Ground Level	Bed Level

Recommended Fluids

Temperature Range	Acceptable Fluids
-10° to 195° F	Mobil DTE 13M Shell Tellus 32T
-25° to 140° F	Mobil DTE 11M Shell Tellus 15T
-40° to 145° F	Mobil Aero HFA Exxon Univis HVI 13
-45° to 200° F	Exxon Univis HVI 26

A good quality SAE 10W motor oil may also be used in temperatures above 32° F.

Fill reservoir

- Fill with recommended fluid or equivalent.
- Fill the reservoir to within 1/2" from the top.

IMPORTANT:

Do not use the following fluids:

Brake Fluid

Power steering fluid

Automatic Transmission Fluid (ATF)

ADJUST PLATFORM LOWERING SPEED

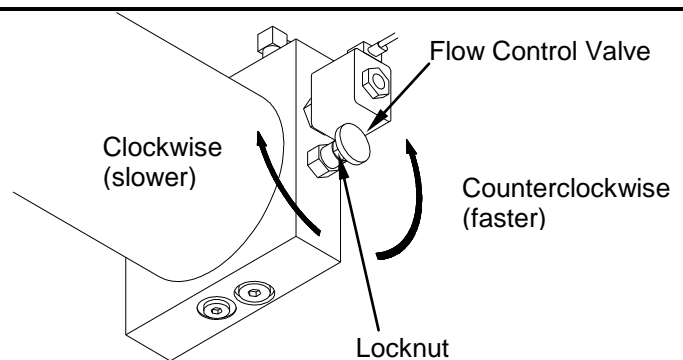
Gravity Down liftgates only.

Use Flow Control Valve.

- Loosen Locknut.
- Adjust as required.
- Retighten Locknut.

IMPORTANT:

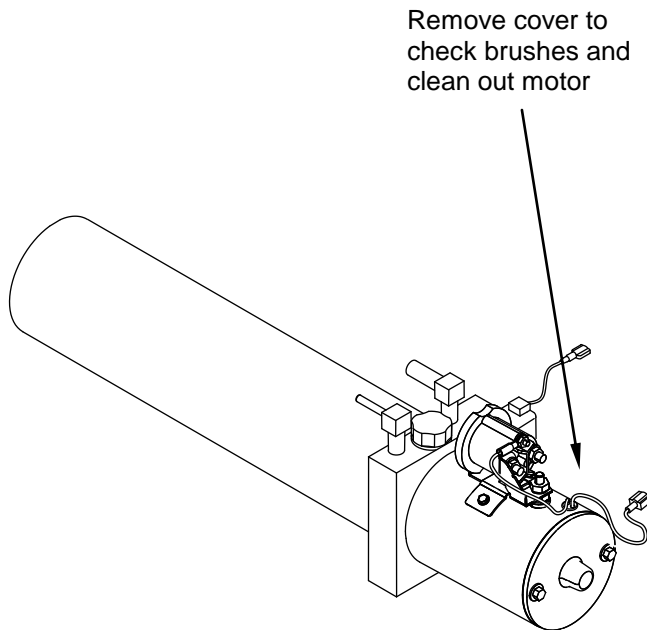
The platform must operate at a safe and reasonable rate of speed subject to the environment it will be used in.



GR00160

SEMI ANNUAL INSPECTION

- Inspect power motor:
- Disconnect battery cable.
- Remove end cover.
- Examine armature brushes for wear (Brushes should be replaced if less than 1/8" long).
- Clean out all residue from inside of motor housing.
- Apply several drops of light weight machine oil to armature shaft bearing in motor end cover.
- Reassemble motor.

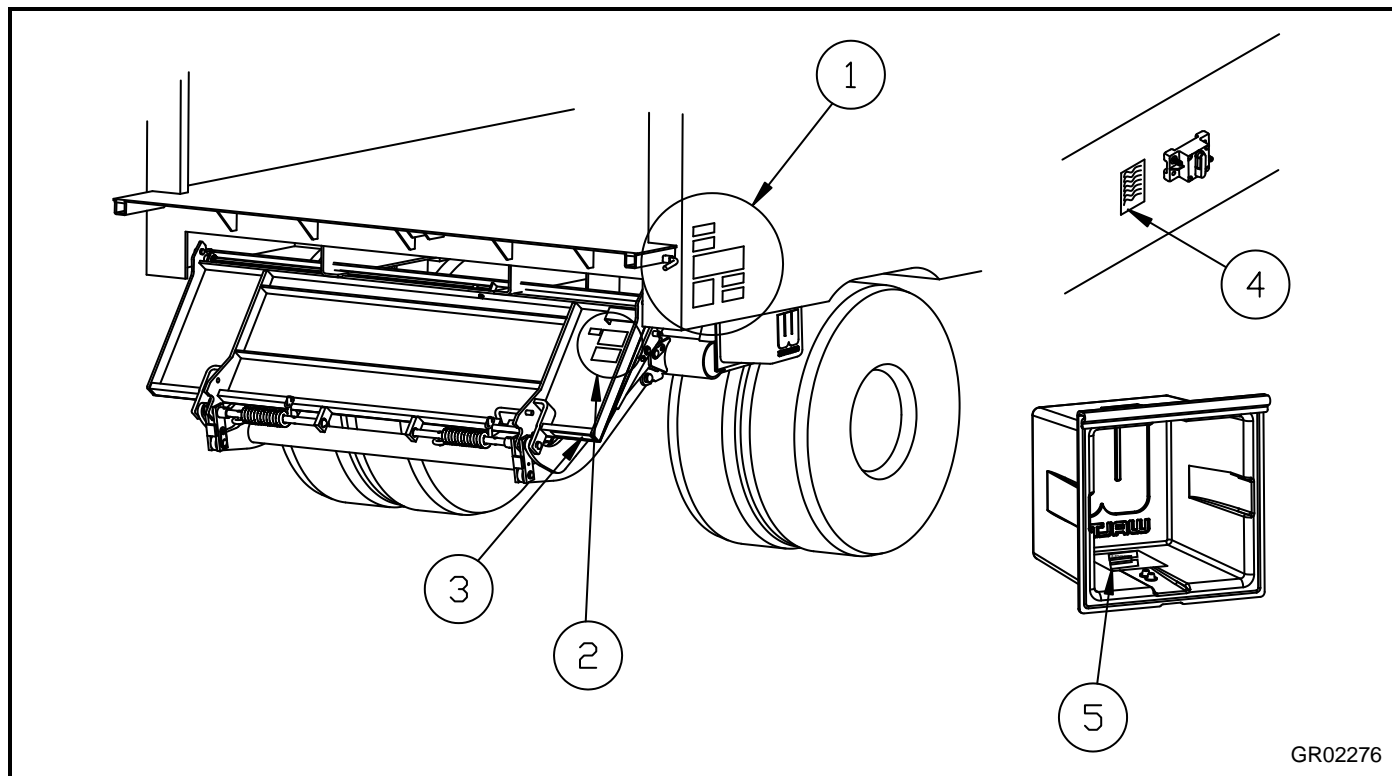


GR02100

Chapter 5 Placement of Decals

All decals must be in place and legible or all warranties are void.

ITEM	DECAL	QTY	PART NO.	LOCATION
1	Safety Instructions	1	80100850	Locate in a conspicuous place near controls.
	Operation	1	80101414	
	Warning Decal	1	80101370	
	Important Decal	1	80100828	
	Motor Thermal Switch	1	80101480	IMPORTANT: If your liftgate is equipped with dual controls, an additional Safety Instruction decal (80100850) is to be placed in a conspicuous place near the second set of controls.
	EZL-25 Capacity Decal – 2500 lb	1	80100255	
	EZL-25 Capacity Decal – 3000 lb	1	80100257	
2	Caution Decal	1	75089295	Locate near platform handle (positioned so as to be read when platform is being unfolded into loading position)
	Caution Decal	1	75089296	
	EZL-25 Capacity Decal – 2500 lb	1	80100255	
	EZL-25 Capacity Decal – 3000 lb	1	80100257	
3	Store Tight Decal	1	80101334	Locate on back of deck on curb side (visible when platform is stored)
4	Warning Decal	1	80100829	Locate next to liftgate circuit breaker. In applications where more than one circuit breaker is used, this decal must be placed in both locations
5	Important Decal for Pump	1	80100842	Locate inside pump cover



GR02276

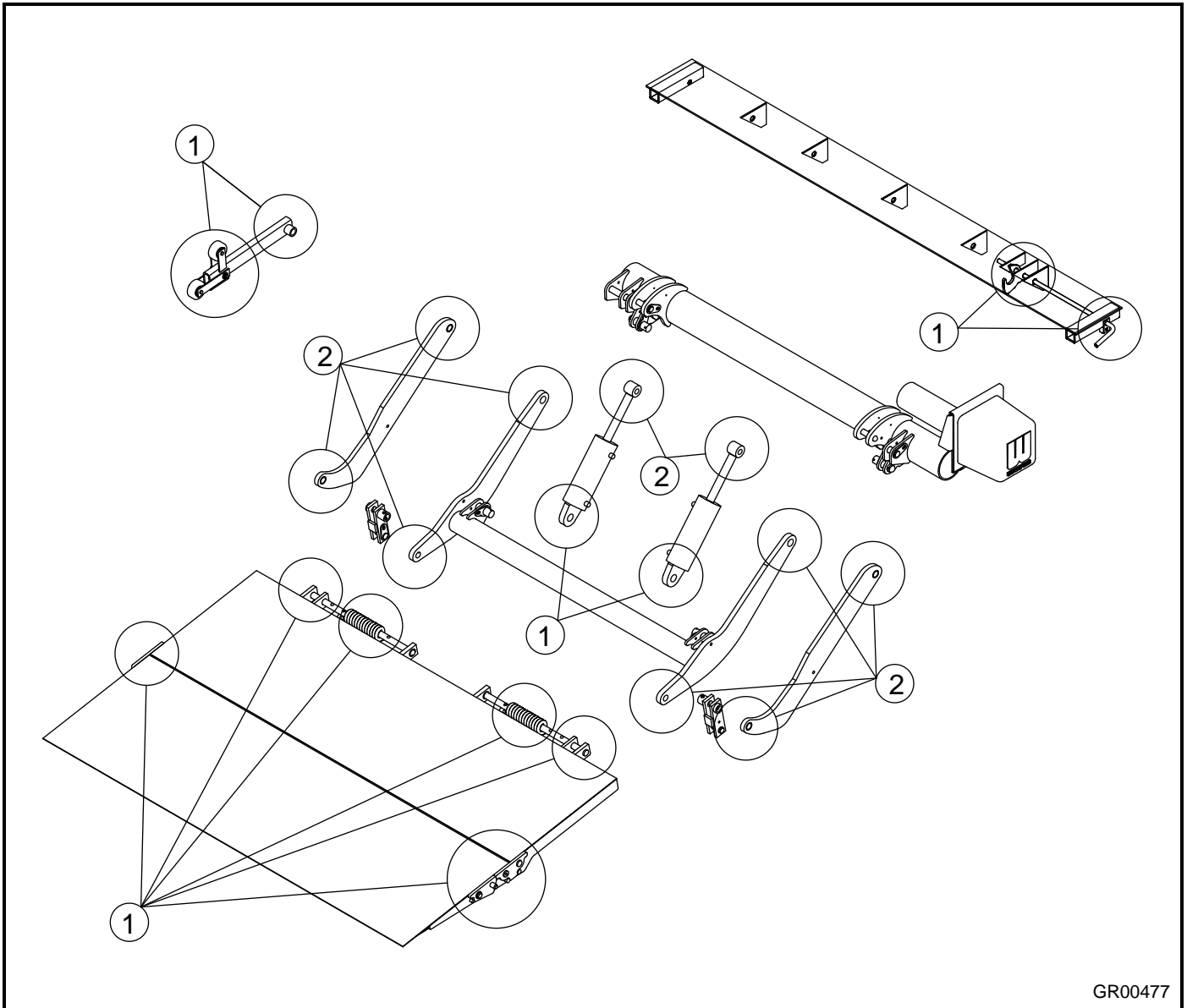
Chapter 6 Lubrication Instructions

The liftgate should be lubricated every 120 days.

There are no grease fittings provided on the liftgate.

#1 – Oil with a light weight machine oil (do not use oil on bearings in arms).

#2 – These are bearings that do not require grease, however, bearing can be sprayed with a non-petroleum based lubricant such as Zep-45 to retard corrosion of pins, reduce friction, and increase life of bearings.



Ch 7. PARTS MANUAL SHEETS

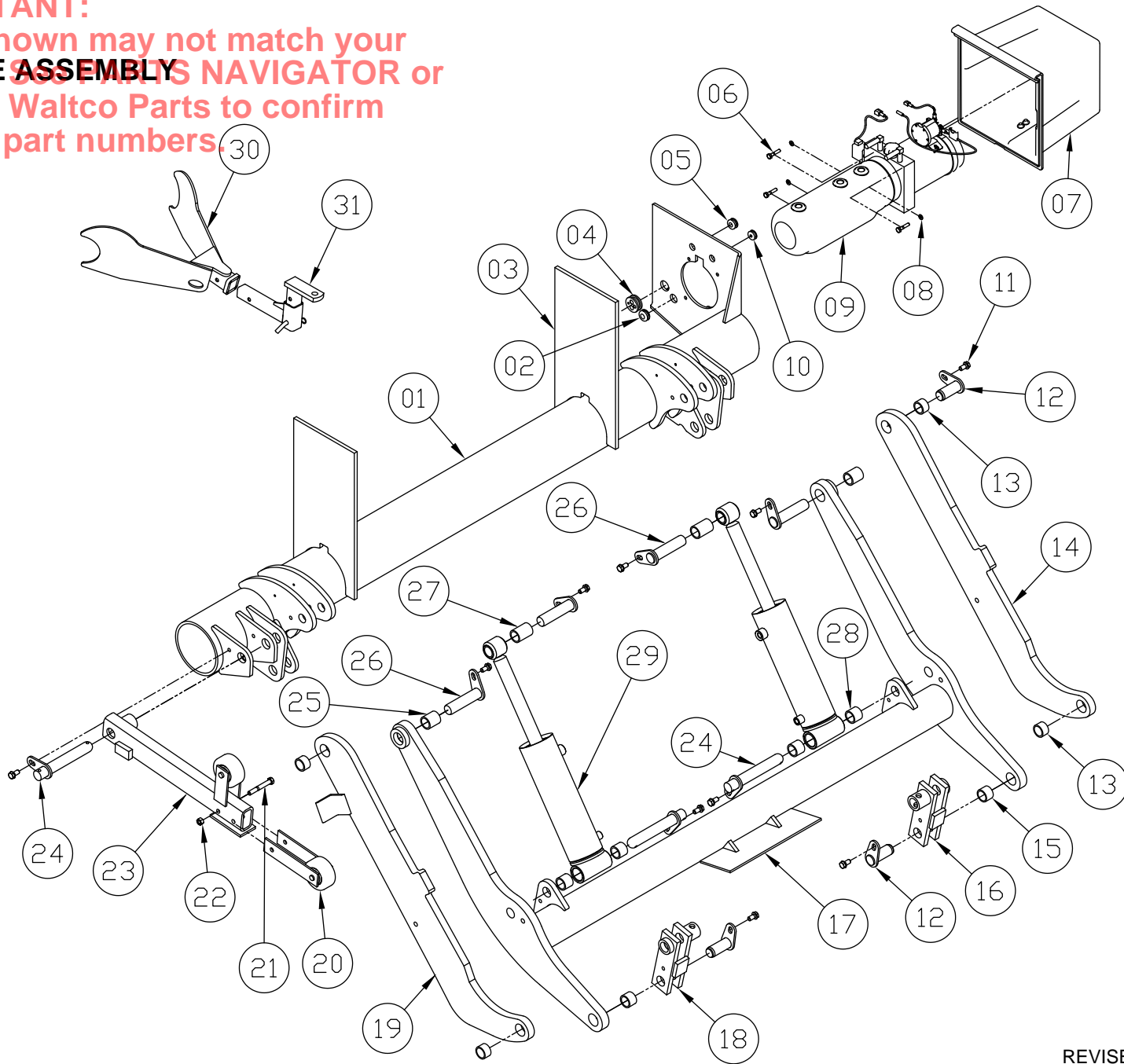
PM Number

MOUNT FRAME ASSEMBLY	PM-625
PLATFORM ASSEMBLY	PM-626A
BED EXTENSION	PM-508B
HYDRAULIC LAYOUT, GRAVITY DOWN.....	PM-627
HYDRAULIC LAYOUT, POWER DOWN	PM-628
ELECTRIC CONTROL OPTIONS, GRAVITY DOWN.....	PM-617A
ELECTRIC CONTROL OPTIONS, POWER DOWN	PM-618B

ITEM	PART NUMBER	QTY	DESCRIPTION
01	23520000	1	Mount Frame Weldment
02	75089334	1	Grommet, 1/2" i.d.
03	25170100	2	Mount Plate
04	75090310	1	Grommet, Split, Multi Hole
05	70401408	1	Grommet, 7/16" i.d.
06	75086212	3	Screw, Grade 8 Hex, 1/4"-20 x 1-1/4"
07	10090450	1	Pump Cover
08	75088079	3	Washer, Lock, 1/4" i.d.
09	70430320	1	Hydraulic Pump, Gravity Down
	70430430		Hydraulic Pump, Power Down
10	70401409	1	Grommet, 1/4" i.d.
11	75086846 ^{a,b}	10	Screw, Thread Rolling, Hex, 3/8"-16 x 3/4"
12	23570300 ^a	3	Pin, 1" dia. x 2-3/8" long
13	10010142 ^b	4	Bearing, 1" i.d. x 3/4" long
14	23555000	1	Parallel Arm, Curb Side
15	10010141 ^b	2	Bearing, 1" i.d. x 7/8" long
16	23550000	1	Stop Block, Curb Side
17	23530000	1	Lift Arm Weldment
18	23550050	1	Stop Block, Driver Side
19	23555050	1	Parallel Arm, Driver Side
20	23540700	1	Parting Wheel
21	75086059	1	Screw, Hex, 3/8"-16 x 2-3/4"
22	75085185	1	Nut, Nylok, 3/8"-16
23	23540200	1	Parting Bar, Base
24	23570100 ^a	3	Pin, 1" dia. x 5-7/8" long
25	10010137 ^b	2	Bearing, 1" i.d. x 1-3/8" long
26	23370300 ^a	4	Pin, 1" dia. x 4-1/4" long
27	10010144 ^b	2	Bearing, 1" i.d. x 1-3/4" long
28	85803391 ^b	4	Bearing, 1" i.d. x 1" long
29	23580010	2	Hydraulic Cylinder
30	23640000	1	Trailer Hitch Kit (Optional)
31	80000983	1	Adjustable Draw Bar Kit, Class III (Optional)

- ^a Included in Pin Replacement Kit 80004692
^b Included in Bearing Replacement Kit 80004693

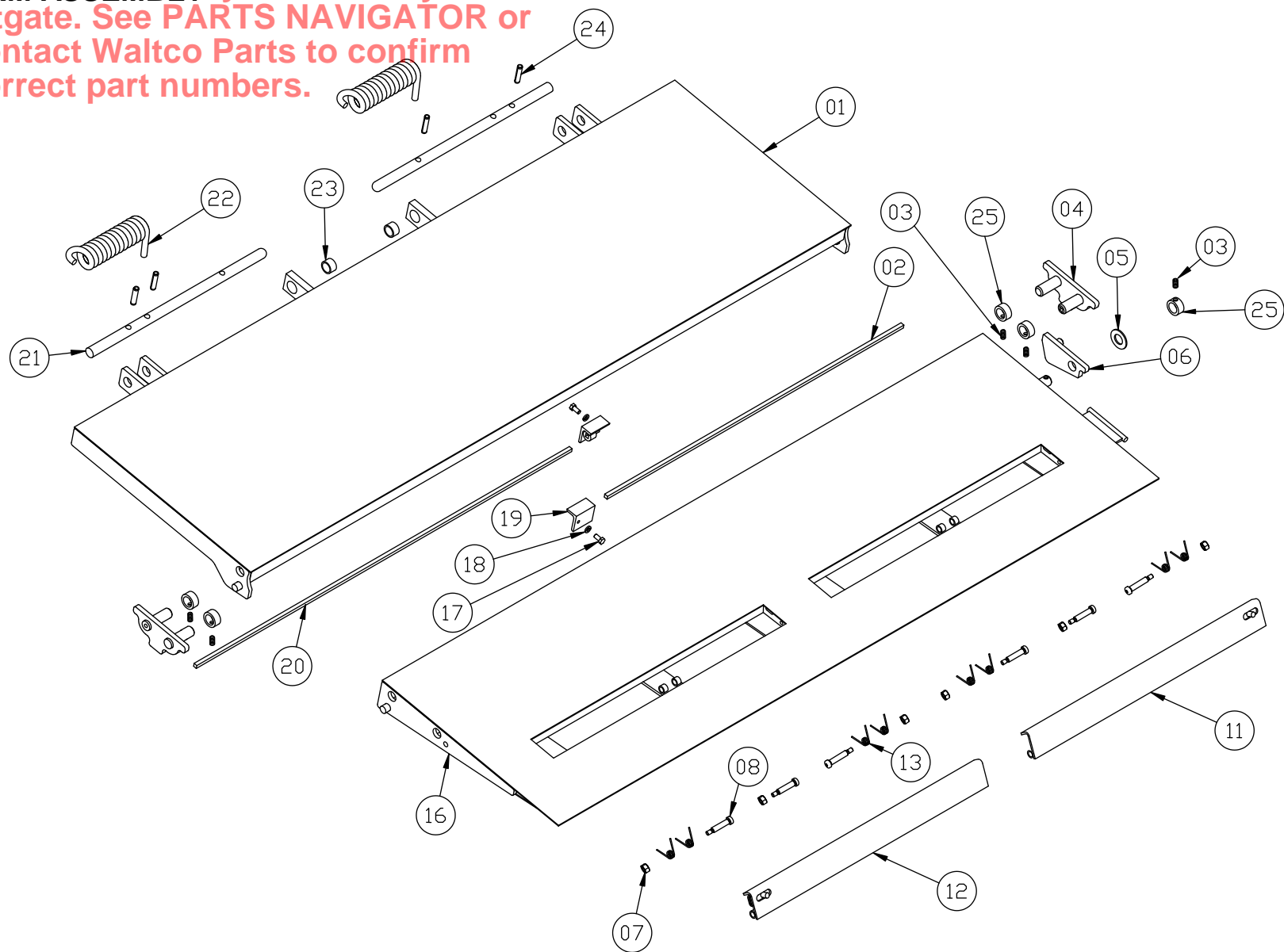
IMPORTANT:
 Parts shown may not match your
 MOUNT FRAME ASSEMBLY
 TITAN 300 PARTS NAVIGATOR or
 contact Waltco Parts to confirm
 correct part numbers.



ITEM	PART NUMBER	QTY	DESCRIPTION
01	80004700 ^h	1	Main Deck Complete
02	33570200 ^{hj}	1	3/8" x 39-1/2" Torsion Bar
03	7500047-5 ^{efghjk}	5	3/8-16 x 1/2" Set Screw w/Patch
04	23511701 ^{efghjk}	2	Platform Hinge
05	75088061 ^h	1	Washer, 1-1/16" i.d. x 2" o.d. x 0.134" thk.
06	23515000 ^{hj}	1	Platform Lock
07	75085185 ^{cdgj}	6	Lock Nut, 3/8"-16
08	75087574 ^{cdgj}	6	Socket Head Shoulder Screw, Gr. 8
11	23614500 ^{cgj}	1	Cart Stop Assembly, Curb Side
12	23614550 ^{dgj}	1	Cart Stop Assembly, Driver Side
13	14241601 ^{cdgj}	8	Spring, Cart Stop
16	80004696 ^h	1	Deck Extension Complete
	80004697 ^j		Deck Extension W/ Cart Stops, Complete
17	75086055 ^{efghj}	2	Screw, Grade 5 Hex, 3/8"-16 x 3/4"
18	75088081 ^{efghj}	2	Washer, Lock, 3/8" i.d.
19	23511750 ^{hj}	2	Anchor Bracket
20	33670200 ^{hj}	1	3/8" x 50" Torsion Bar
21	23512100 ^a	2	Pin, Main Hinge
22	21514301	2	Torsion Spring
23	10010142 ^{behj}	2	Bearing, 1" i.d. x 3/4"
24	75089542 ^{abehj}	4	Coiled Pin, 1/2" x 2"
25	23512300 ^{efghjk}	5	Collar

- ^a Included in Pin Replacement Kit 80004692
- ^b Included in Bearing Replacement Kit 80004693
- ^c Included in Curb Side Cart Stop Parts Kit 80004694
- ^d Included in Driver Side Cart Stop Parts Kit 80004695
- ^e Included in Main Deck Complete 80004700
- ^f Included in Deck Extension Complete 80004696
- ^g Included in Deck Extension with Cart Stops 80004697
- ^h Included in Platform Complete 80004698
- ^j Included in Platform Complete with Cart Stops 80004699
- ^k Included in Hinge Assembly Kit 80001210

IMPORTANT:
PLATFORM ASSEMBLY
Parts shown may not match your
liftgate. See **PARTS NAVIGATOR** or
contact **Waltco Parts** to confirm
correct part numbers.



WALTCO
TRUCK EQUIPMENT CO.
EZL-25, 30

REVISED: 5-5-08
E.O. 6004
REV. 01

PM-626A

ITEM	PART NUMBER	QTY	DESCRIPTION
1	26360001 ^A	1	Bed Extension – 96"
	26360002 ^A		Bed Extension – 102"
2	26360101 ^L	1	Control Handle 96" Bed Extension
	26360102 ^L		Control Handle 102" Bed Extension
3	75089330 ^{LK}	1	Handle Grip (2 used with dual controls)
4	20261600 ^L	1	Torsion Spring
5	26262002 ^L	1	Hook Assembly
6	75089547 ^{LK}	1	Roll Pin (3 used with dual control)
7	26365102 ^K		Dual Control Handle (Dual Control only)
8	26263202 ^K	1	Connector Sleeve (Dual Control only)
9	26266001	2	Bed Extension Gauge/Gusset
10	26265205	1	Control Handle Collar
11	26297102 ^B	2	Dock Bumper Angle
12	26298003 ^B	2	Support Channel
13	26298004 ^B	2	Support Bar
14	26298050 ^C	1	Super Duty Dock Bumper (Driver's Side)
15	26298010 ^C	1	Super Duty Dock Bumper (Curb Side)
16	22597051 ^{DE}	1	Super Duty Dock Bumper w/lights (D.S.)
17	22597001 ^{DE}	1	Super Duty Dock Bumper w/lights (C.S.)
18	26297600 ^{F GH}	2	Rubber Bumper
19	75088057 ^{F GH}	8*	Washer, 5/8"
20	75088067 ^G	4	Washer, 1/2"
21	75086155 ^{F GH}	4 ^Δ	Hex Bolt, 5/8"-11 x 2" lg.
22	75086110 ^G	2	Hex Bolt, 1/2"-13 x 2-1/2" lg.
23	75088085 ^{F GH}	4 ^Δ	Lock Washer, 5/8"
24	75088083 ^G	2	Lock Washer, 1/2"
25	75085008 ^G	2	Hex Nut, 1/2"-13
26	75085012 ^F	4	Hex Nut, 5/8"-11
27	75089374 ^D	2	Taillight Backup (Tractors only) (Clear)
28	75089373 ^{DE}	2	Taillight S, T & T (Trailers only) (Red)
	75089373 ^{DE}		Taillight S, T & T (Red)
29	22575200 ^{DE}	2	Harness, 2 Lamp
30	75089376 ^{DE}	4	Light Grommet
31	75085000 ^{DE}	8	Hex Nut, #10-32

ITEM	PART NUMBER	QTY	DESCRIPTION
32	75086732 ^{DE}	8	Machine Screw, #10-32 x 1" lg.
33	22597102 ^{DE}	4	Taillight Bracket

^A Kit, 80001088, Bed Extension, Installation, required for mounting

^B Heavy Duty dock Bumper Kit 26296003

^C Super Duty dock Bumper Kit 262960004 (without lights)

^D Super Duty dock Bumper Kit With (4) Lights 22596001 (Tractor)

^E Super Duty dock Bumper Kit With (4) Lights 22596003 (Trailer)

^F Rubber Bumper Kit 26297003 (For Heavy Duty Dock Bumper Kit)

^G Rubber Bumper Kit 26297004 (For Super Duty Dock Bumper Kit w/o Lights)

^H Rubber Bumper Kit 22596011 (For Super Duty Dock Bumper Kit With Lights)

^K Included in Dual Control Kit (80000431)

^L Included in Hook and Handle Replacement Kit (80000969).

* Quantity of 4 for 22596011, Quantity of 2 for 26297004

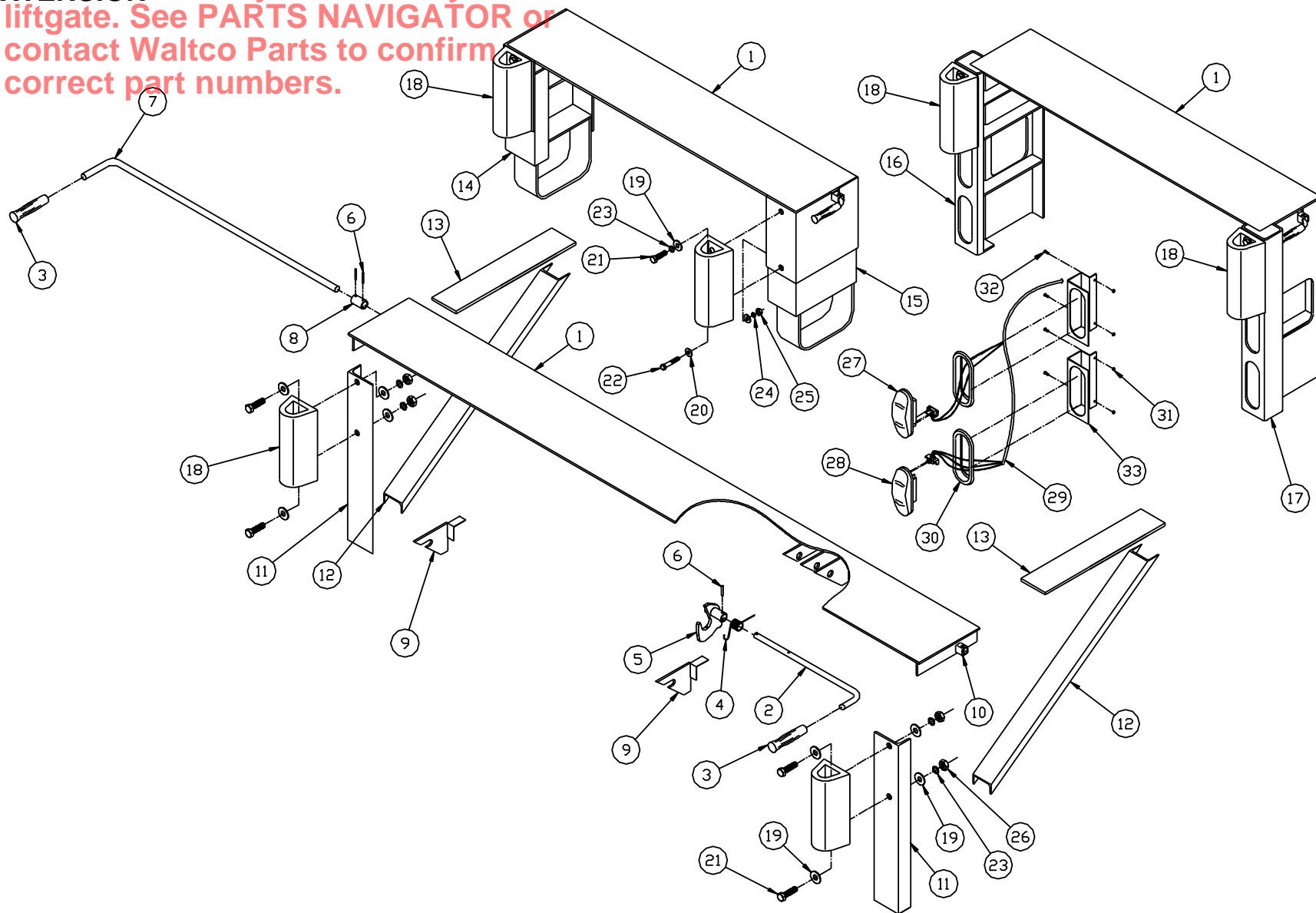
^Δ Quantity of 2 for 26297004

WALTCO
TRUCK EQUIPMENT CO.
F, C, E, EZL

REVISED: 7/01/08
E.O. 6046
REV. 02

PM-508B

IMPORTANT:
BED EXTENSION Parts shown may not match your liftgate. See PARTS NAVIGATOR or contact Waltco Parts to confirm correct part numbers.



WALTCO
 TRUCK EQUIPMENT CO.
 F, C, E, EZL

REVISED: 7/01/08
 E.O. 6046
 REV. 02

PM-508B

ITEM	PART NUMBER	QTY	DESCRIPTION
01	75083111	1	Hose Assembly, 3/8" i.d. x 33-1/2" long
02	75083023	2	Tube, Flexible PVC, 48" long
03	70401408	1	Grommet, 7/16" i.d.
04	75086212	3	Screw, Grade 8 Hex, 1/4"-20 x 1-1/4"
05	80000428	1	Switch with 10' Cord
06	75086860 ^a	4	Screw, Self Tapping, Phillips, #8-32 x 3/4"
07	70430320	1	Hydraulic Pump
A	70400001 ^c	1	Plastic Reservoir
B	70401476 ^c	1	Valve, 2-Way, 2 Position
C	70400004 ^c	1	Breather
D	75089853 ^c	1	5 Amp Fuse
E	7043001-1 ^c	1	Motor, 12V
F	75089833 ^c	1	Starter Solenoid, 12V
G	10099309 ^c	1	Inline Fuse Assembly (Includes Fuse 75089853)
H	75089834 ^c	1	Bus Bar
J	10099310 ^c	1	Wire Lead
08	75088079	3	Washer, Lock, 1/4" i.d.
09	70401409	1	Grommet, 1/4" i.d.
10	10099500	1	Terminal Link
11	75089243	1	150 Amp Circuit Breaker
12	10010144 ^b	2	Bearing, 1" i.d. x 1-3/4" long
13	23580010	2	Hydraulic Cylinder (incl. bearings)
14	85803391 ^b	4	Bearing, 1" i.d. x 1" long
15	75082747	1	Tee, 1/4" Barb x 1/4" NPT
16	10095625	1	Battery Cable Assembly, 2 Ga.
17	75083114	1	Hose Assembly, 3/8" i.d. x 57" long
18	85803804	1	Adapter, 3/8" M JIC to 1/4" M NPT
19	70110040	1	Pressure Compensator Valve
20	75082871	1	Adapter, 1/4" NPT M to 9/16", 37° F
21	75082869	1	Elbow 90°, 9/16"-18 37° M to 9/16"-18 "O"
22	75082887	1	Tee, 9/16" JIC x 9/16" SAE O-Ring
23	75082745	1	Barbed Fitting, 1/4" NPTF x 1/4"
24	75088051	3	Washer, 1/4" I.D. x 5/8" O.D.

ITEM	PART NUMBER	QTY	DESCRIPTION
25	90185850 ^c	1	Screw, 5/16-18 x 1/2"
26	10098425 ^c	1	Ground Cable
27	75085003	1	Nut, 5/6-18 Serrated
28	75088052	1	Washer, 5/16" I.D. x 7/8" O.D.

^a Included in Switch kit 80000428

^b Included in Bearing Replacement kit 80004693

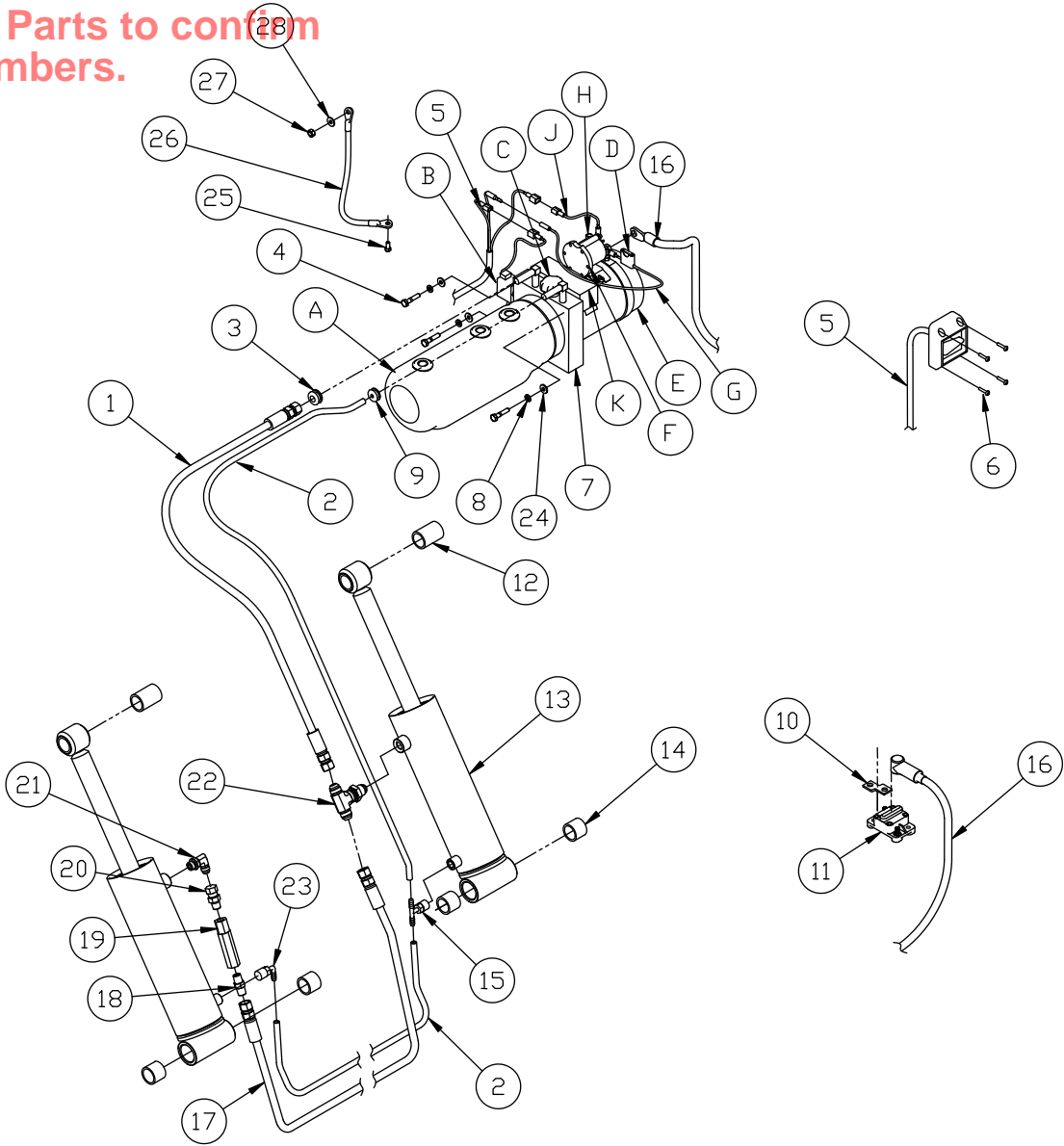
^c Included in Pump Assembly 70430320

WALTCO
TRUCK EQUIPMENT CO.
EZL-25, 30

REVISED: 11/20/08
E.O. 6097
REV. 03

PM-627

IMPORTANT:
Parts shown may not match your liftgate. See **PARTS NAVIGATOR** or contact Waltco Parts to confirm correct part numbers.



WALTCO
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EZL-25, 30

REVISED: 11/20/08
E.O. 6097
REV. 03

PM-627

ITEM	PART NUMBER	QTY	DESCRIPTION
01	75083111	1	Hose Assembly, 3/8" I.D. x 33'-1/2" long
02	70401408	2	Grommet, 7/16" I.D.
03	75086212	3	Screw, Grade 8 Hex, 1/4"-20 x 1-1/4"
04	80000428	1	Switch with 10' Cord
05	75086860 ^a	4	Screw, Self Tapping, Phillips, #8-32 x 3/4"
06	70430430	1	Hydraulic Pump, Power Down
A	70400001 ^c	1	Plastic Reservoir
B	70401477 ^c	1	Valve, 4-Way, 2 Position
C	70400004 ^c	1	Breather
D	75089853 ^c	1	5 Amp Fuse
E	7043001-1 ^c	1	Motor, 12V
F	75089833 ^c	1	Starter Solenoid, 12V
G	80001032 ^c	1	Power Down Module
H	70401476 ^c	1	Valve, 2-Way, 2 Position
J	75089834 ^c	1	Bus Bar
K	10099309 ^c	1	Inline Fuse Assembly (Includes Fuse 75089853)
07	75088079	3	Washer, Lock, 1/4" I.D.
08	75083200	1	Hose Assembly, 1/4" I.D. x 45" long
09	10010144 ^b	2	Bearing, 1" I.D. x 1-3/4" long
10	23580010	2	Hydraulic Cylinder (incl. bearings)
11	85803391 ^b	4	Bearing, 1" I.D. x 1" long

^a Included in SuperSwitch kit 80000428

^b Included in Bearing Replacement kit 80004693

^c Included in Pump Assembly 70430430

ITEM	PART NUMBER	QTY	DESCRIPTION
12	75083210	1	Elbow, 7/16" JIC x 1/4" NPT
13	75083022	1	Tube, Flexible PVC, 90" long
14	75083114	1	Hose Assembly, 3/8" I.D. x 57" long
15	75083309	1	Adapter, 3/8" M JIC to 1/4" M NPT
16	70110040	1	Pressure Compensator Valve
17	75082871	1	Adapter, 1/4" NPT M to 9/16", 37° F
18	75082869	1	Elbow 90°, 9/16"-18 37° M to 9/16"-18 "O"
19	75082887	1	Tee, 9/16" JIC x 9/16" SAE O-Ring
20	75082745	1	Elbow, 1/4" NPT x 1/4" Barbed
21	10195625	1	Battery Cable Assembly, 2 Ga.
22	10099500	1	Terminal Link
23	75089243	1	150 Amp Circuit Breaker
24	75082742	1	Elbow, 3/8" NPT x 1/4" Barbed
25	75088051	3	Washer, 1/4" I.D. x 5/8" O.D.
26	90185850 ^c	1	Screw, 5/16-18 x 1/2"
27	10098425 ^c	1	Ground Cable
28	75085003	1	Nut, 5/6-18 Serrated
29	75088052	1	Washer, 5/16" I.D. x 7/8" O.D.

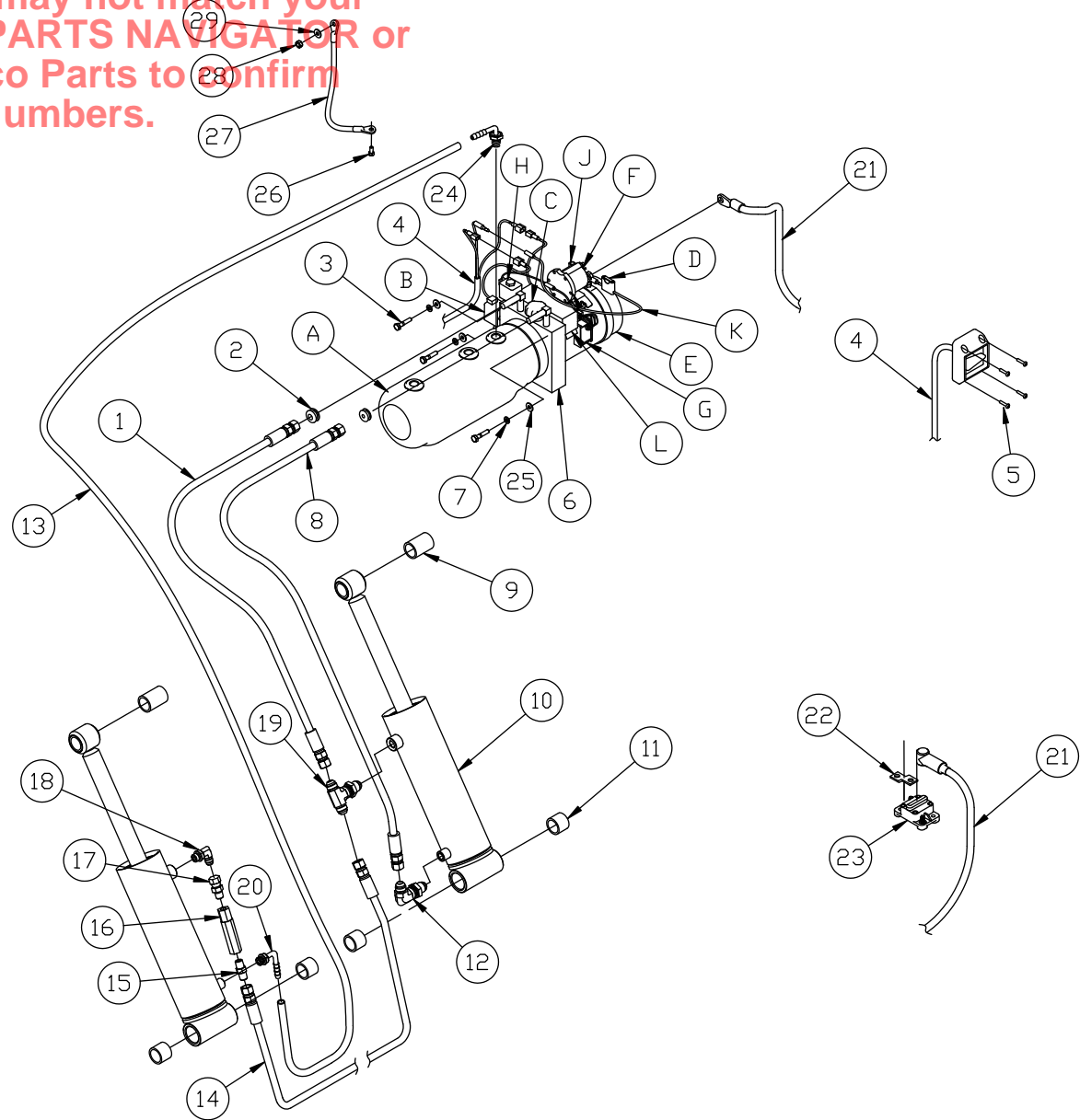
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EZL-25, 30

REVISED: 11/20X/08
E.O. 6097
REV. 03

PM-628

HYDRAULIC ASSEMBLY POWER DOWN

IMPORTANT:
Parts shown may not match your
liftgate. See PARTS NAVIGATOR or
contact Waltco Parts to confirm
correct part numbers.

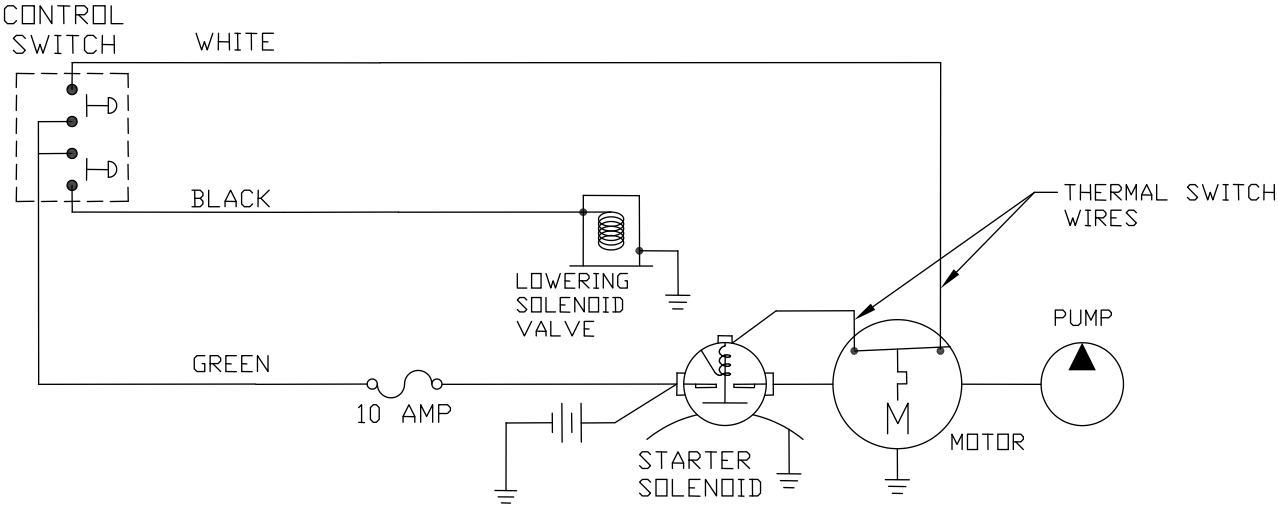
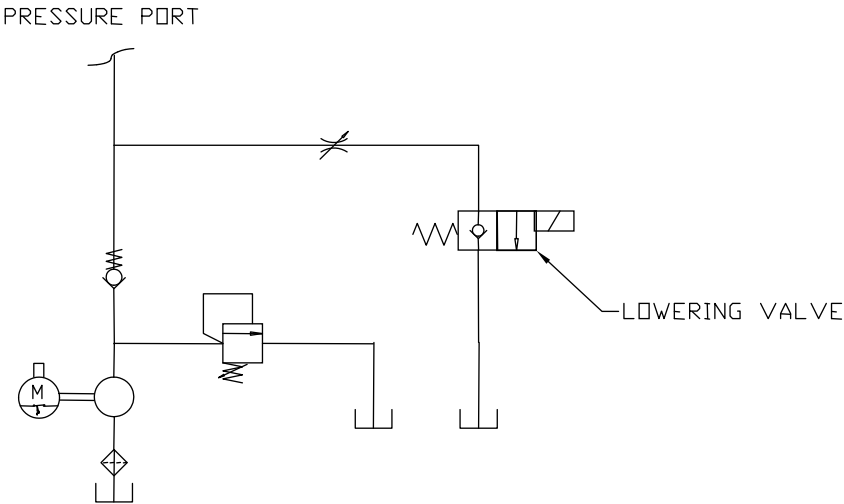


ELECTRIC CONTROL OPTIONS – Gravity Down

IMPORTANT:
Parts shown may not match your
liftgate. See PARTS NAVIGATOR or
contact Walco Parts to confirm
correct part numbers.

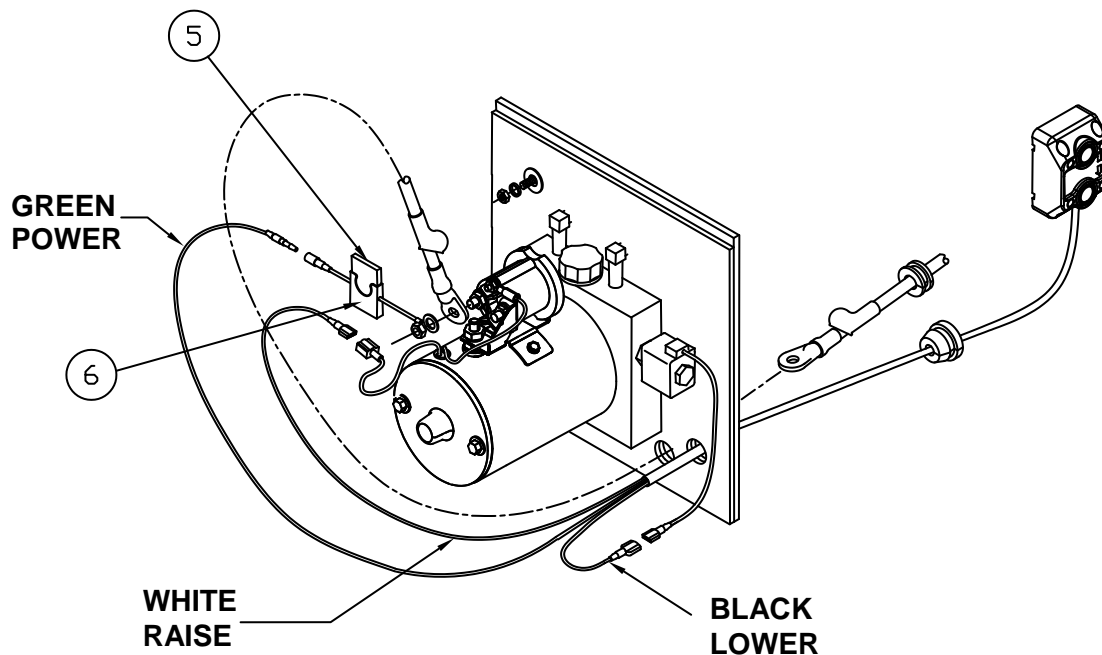
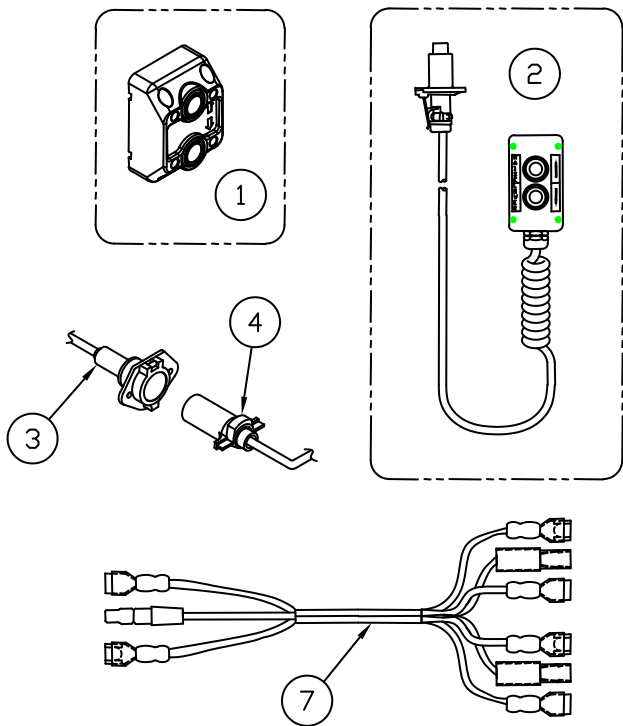
	PART NUMBER	QTY	DESCRIPTION
1	10099322 ^a	1	Switch w/10ft Cord (for curb side)
	10099323 ^b	1	Switch w/15ft Cord (for Dual Control)
2	10099325 ^c	1	Switch (Hand Held Remote)
3	75082038	1	Trailer Socket
4	75082037	1	Trailer Plug
5	75089851	1	10 Amp Fuse
6	75089850	1	Fuse Holder
7	10098413	1	Dual Control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

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



ELECTRIC CONTROL OPTIONS – Gravity Down

IMPORTANT:
Parts shown may not match your
liftgate. See **PARTS NAVIGATOR** or
contact **Waltco Parts** to confirm
correct part numbers.



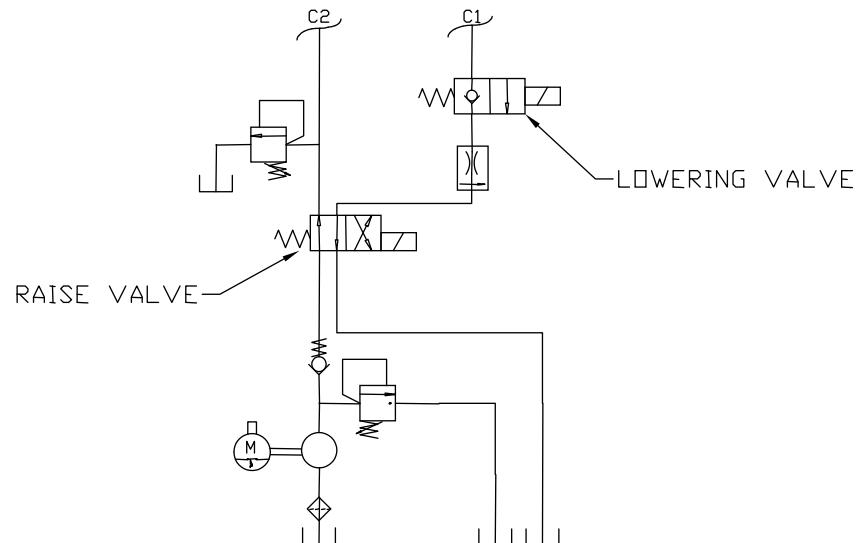
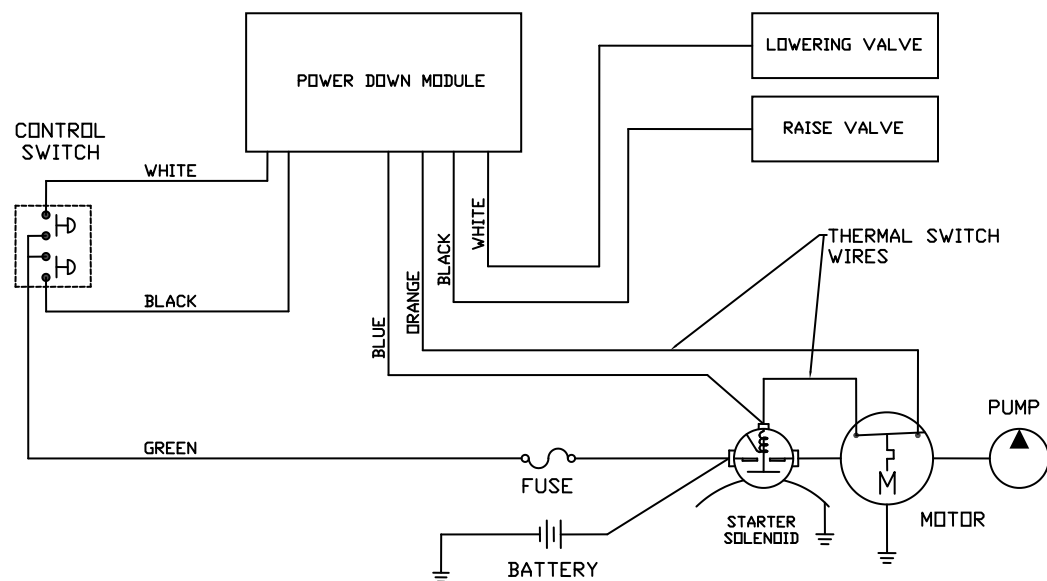
IMPORTANT:
ELECTRIC CONTROL OPTIONS – Power Down
 Parts shown may not match your
 liftgate. See PARTS NAVIGATOR or
 contact Waltec Parts to confirm
 correct part numbers.

ITEM	PART NUMBER	QTY	DESCRIPTION
1	10099322 ^a	1	Switch w/10ft Cord (for curb side)
	10099323 ^b	1	Switch w/15ft Cord (for Dual Control)
2	10099325 ^c	1	Switch (Hand Held Remote)
3	75082038	1	Trailer Socket
4	75082037	1	Trailer Plug
5	75089853	1	5 Amp Fuse
6	10099309	1	Fuse Holder
7	10098413	1	Dual Control Harness

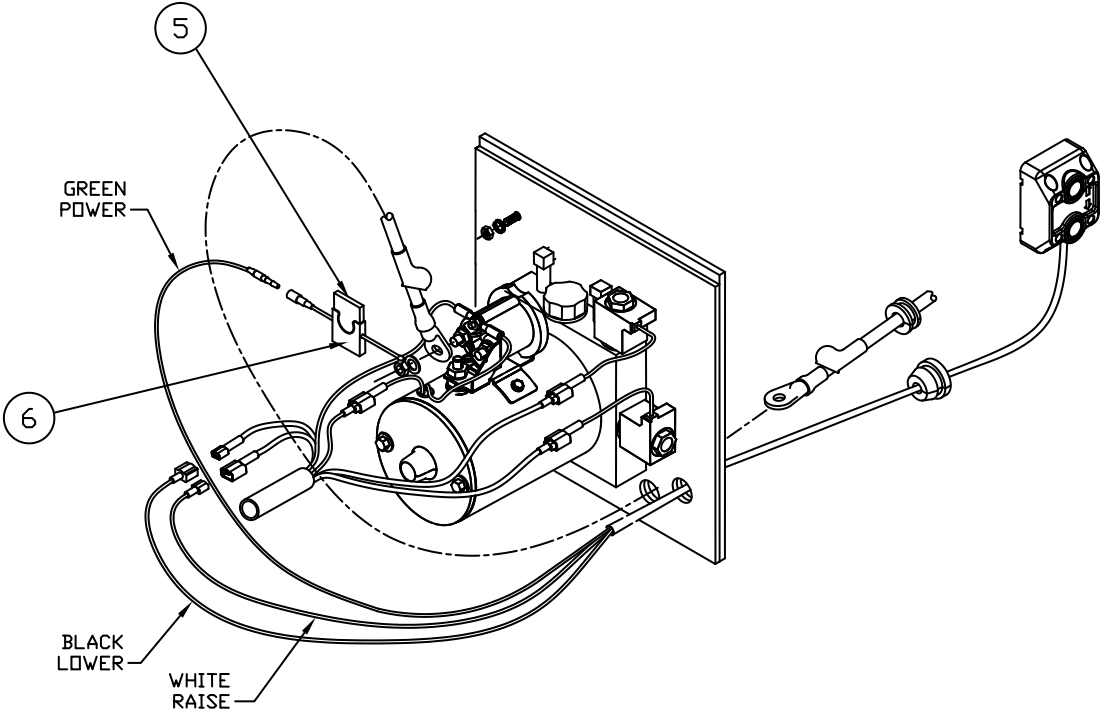
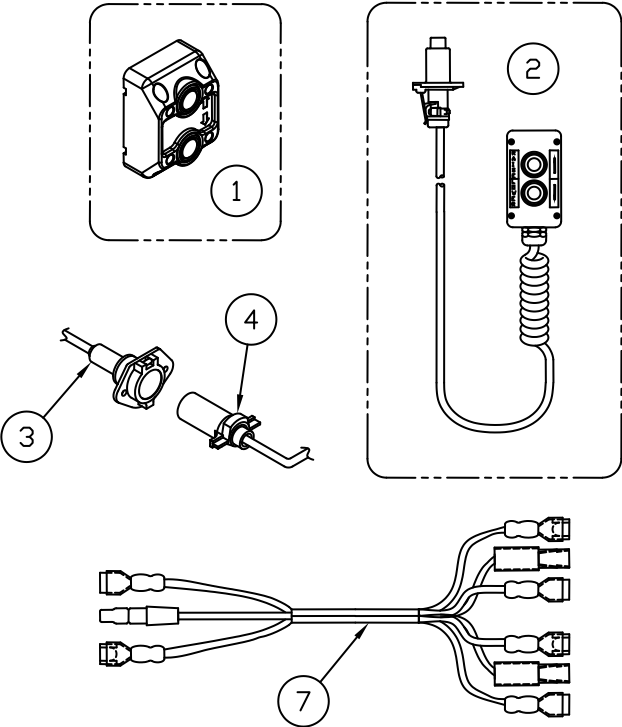
^a Included in Switch™ Kit 80000428.

^b Included in Switch™ Dual Control Kit 80000434.

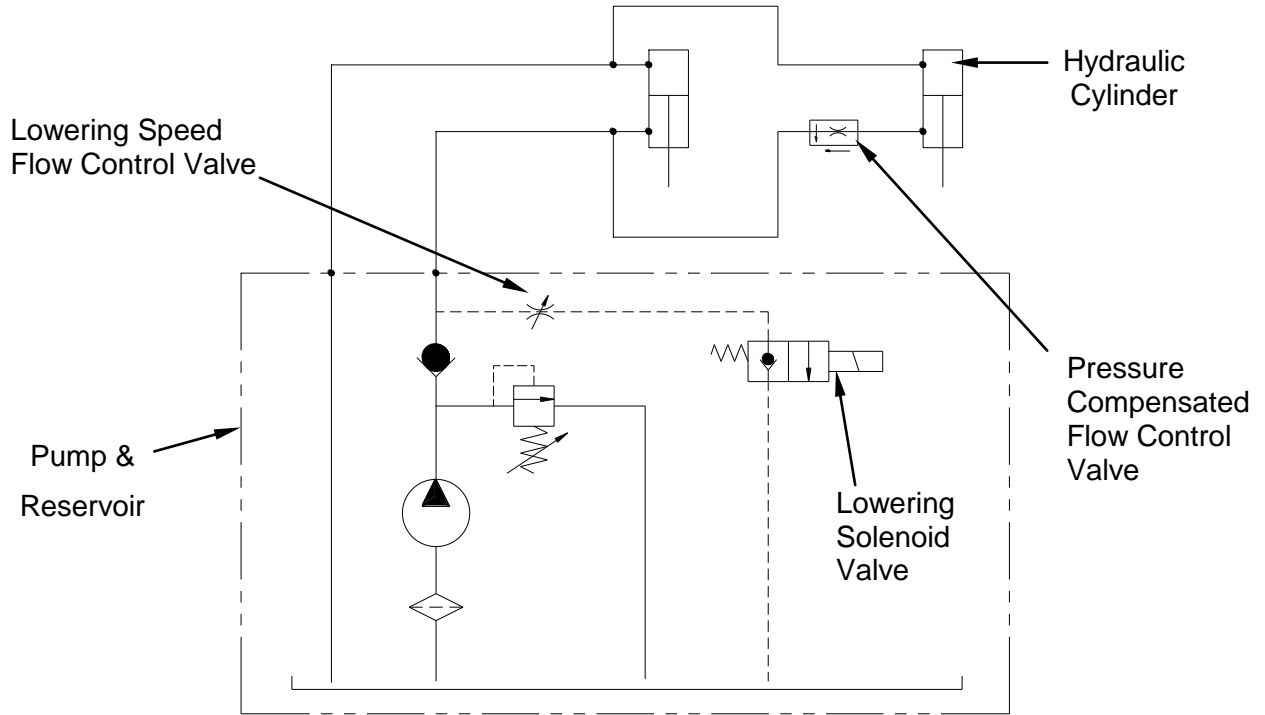
^c Included in Switch™ Hand Held Remote Kit 80000430.



ELECTRIC CONTROL OPTIONS – Power Down
IMPORTANT:
Parts shown may not match your
liftgate. See PARTS NAVIGATOR or
contact Waltco Parts to confirm
correct part numbers.

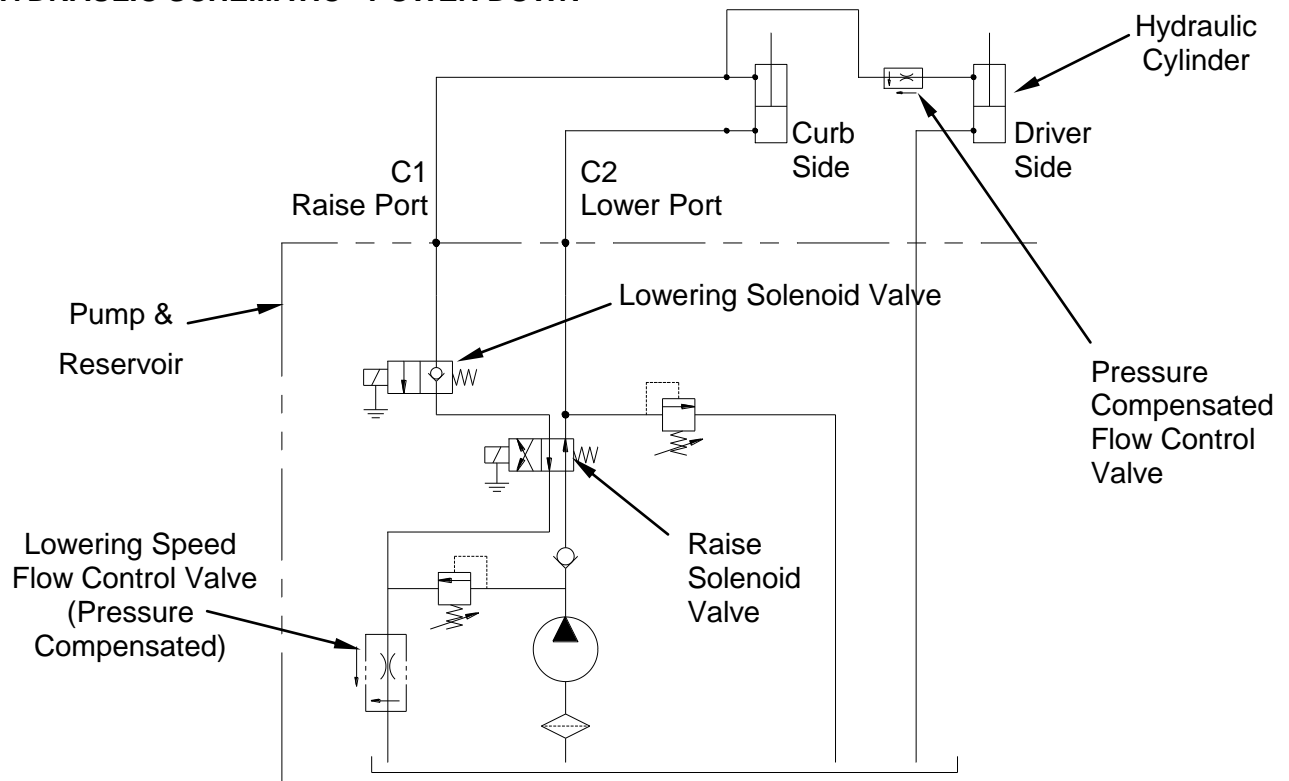


HYDRAULIC SCHEMATIC – GRAVITY DOWN



GR00500

HYDRAULIC SCHEMATIC - POWER DOWN



GR01095

Chapter 8 – How To Order Parts

Repairs should be made only by authorized mechanics using WALTCO Replacement parts.

When ordering repair or replacement parts, please include all the information asked for below. If this information is not available, a complete written description or sketch of the required part will help WALTCO identify and deliver the needed part to you.

THE FOLLOWING INFORMATION MUST BE INCLUDED:

1. SERIAL NUMBER - [WALTCO liftgate serial numbers can be found on the Specification Tag attached to the mount frame. (On older units the Specification Tag is located on the side or bottom of the platform.)]
2. MODEL NUMBER - [Or capacity]
3. PLATFORM SIZE

THEN INCLUDE THE FOLLOWING INFORMATION:

4. PART NUMBERS
5. DESCRIPTION
6. QUANTITY REQUIRED

MAIL, E-MAIL OR PHONE YOUR REQUEST TO:

Waltco Truck Equipment Co.
285 Northeast Avenue
Tallmadge, OH 44278
1-800-411-5685
FAX: 1-800-411-5684
E-MAIL: parts@waltco.com

ALL PARTS ARE F.O.B. FROM THE SHIPPING FACTORY

PLEASE NOTE:

To assure you of continuing and effective quality control, our warranty policy permits replacement of hydraulic cylinders, valves and motor pump units when their factory seals are intact. Parts under warranty will be exchanged promptly after careful inspection of the returned assemblies.

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IMPORTANT

It is important that every vehicle that has a WALTCO Liftgate have legible WARNING AND OPERATION DECALS clearly posted on the vehicle and an OWNER'S MANUAL in the vehicle at all times as a guide for proper operation and maintenance.

Additional WARNING DECALS, OPERATION DECALS and OWNER'S MANUALS can be obtained from WALTCO TRUCK EQUIPMENT COMPANY.

NOTE:

**When ordering, give model
and serial number of the liftgate.**

IMPORTANT

TO BE KEPT IN VEHICLE

CAUTION:

**STAND CLEAR AND KEEP CLEAR OF PLATFORM
AREA WHILE OPERATING LIFTGATE.**

FOR OPERATION OF THIS UNIT, REFER TO THE "OPERATION INSTRUCTIONS" INSIDE THE OWNER'S MANUAL AND THE OPERATION INSTRUCTIONS DECAL.

LUBRICATION INSTRUCTIONS

Refer to the lubrication chart in this manual.

DO'S AND DON'TS

- DO:** Make certain area in which the platform will open and close is clear before opening or closing platform.
- DO:** Make certain platform is properly latched when in transit.
- DO:** Make certain platform area, including the area in which loads may fall from platform, is clear before and at all times during operation of the liftgate.
- DO:** Operate the liftgate with the control switches only.
- DO:** Check oil level monthly and change oil yearly.
- DO:** Use hydraulic fluids listed on the HYDRAULIC FLUID CHART (found inside this manual) or equivalent.
- DO:** Lubricate as per the LUBRICATION INSTRUCTIONS AND LUBRICATION SCHEDULE found in this book.
- DO:** Read and follow WARNING DECALS, OPERATION DECALS and OWNER'S MANUAL.
- DO:** Visually inspect the liftgate frequently and keep it in adjustment.
- DO:** Be certain vehicle is properly and securely braked before using the liftgate.
- DO:** Repair the liftgate when it is found to be faulty to prevent accidents.
- DO:** Keep all decals in place and legible and retain the Owner's Manual in the vehicle or
ALL WARRANTIES ARE VOID.
- DON'T:** Allow the liftgate to be used by persons not familiar with its operation.
- DON'T:** Use the liftgate if unit shows signs of abuse or fails to operate freely.
- DON'T:** Permit the motor to run after the liftgate is raised to bed level.
- DON'T:** Overload the liftgate (Refer to Manual for proper capacity of liftgate).
- DON'T:** Use brake fluid.