



OPERATOR'S MANUAL

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About Your XPC Dump Body



Operating Instructions

1. **DO NOT** operate this equipment until you have been thoroughly and properly trained in its' operation.
2. The Hoist control valve **MUST BE** kept in **NEUTRAL** with the **PTO DISENGAGED** while vehicle is in transit.
3. Tailgate controls **MUST BE** locked while vehicle is in transit.
4. **DO NOT** overload the dump body.
5. When the truck is stored, or otherwise not in use, the body **MUST BE** in the fully lowered position firmly resting on the chassis or hoist frame. Ignition key **SHOULD BE** removed to prevent tampering by un-authorized personnel.
6. Inspect hydraulic oil level and quality on a regular basis and be sure to change regularly, especially when a new cylinder is installed.
7. Inspect **ALL** hydraulic hoses regularly.
8. Regularly lubricate hydraulic cylinder end-mounts.
9. Be sure the body is in the elevated (raised) position for any repairs or adjustments it **MUST BE** securely propped or blocked so that it cannot fall and potentially cause serious injury or bodily harm.

Dumping Instructions

1. This vehicle **MUST BE** kept on level ground before dumping.
2. **DO NOT** raise dump body on ground that has been recently excavated or filled without being properly compacted.
3. **DO NOT DUMP BENEATH HIGH-VOLTAGE POWER LINES.**
4. The operator **MUST REMAIN** at the controls during the dumping cycle.
5. Tailgate controls **MUST BE** released before the front of the body is **TWO FEET (0.6m)** (24" in) above the chassis frame.
6. When operating, **DO NOT** allow anyone to stand in or move through the area where the hoist operates or into an area where an upset load might potentially fall.
7. **DO NOT** jerk the truck while trying to dump a sticky or otherwise stubborn load.

Monthly Maintenance

1. Lubricate upper tailgate hinge pins (left & right).
2. Bleed air out of hoist (see Hydraulic System Maintenance on Page 6).
3. Lubricate tailgate latch assembly.
4. Adjust tailgate linkage (see below).
 - a. Check for proper adjustment (Tailgate latch rod should be “breaking over” firmly).
 - b. If the tailgate latch rod needs adjusting:
 1. Loosen the nuts on the rear side of the adjusting angle.
(Part #151-3329 - Page ## of Operators’ Manual).
 2. Tighten the nut on the front side of the adjusting angle.
 - c. Adjust the nut in 1/2” revolution increments, adjusting both sides evenly until the latch rod “breaks over” firmly.
 - d. Re-tighten the rear nut.

Hydraulic System Maintenance

HYDRAULIC FLUID:

A good grade of non-foaming 10-weight hydraulic fluid should be used. Before filling be sure that the oil reservoir is clean. Oil containing dirt, metal particles and other contaminants is nearly always responsible for pre-mature pump failure. Periodic inspection should be made for dirt or sludge in the bottom of the reservoir. Avoid racing the engine to increase pump RPM as this will cause overheating of the pump potentially resulting in oil breakdown.

AIR ENTRAPMENT:

Air entrapped in the hydraulic system causes erratic operation such as a spongy response for the hoist or jerky operations. Follow these simple steps to ensure a properly purged system:

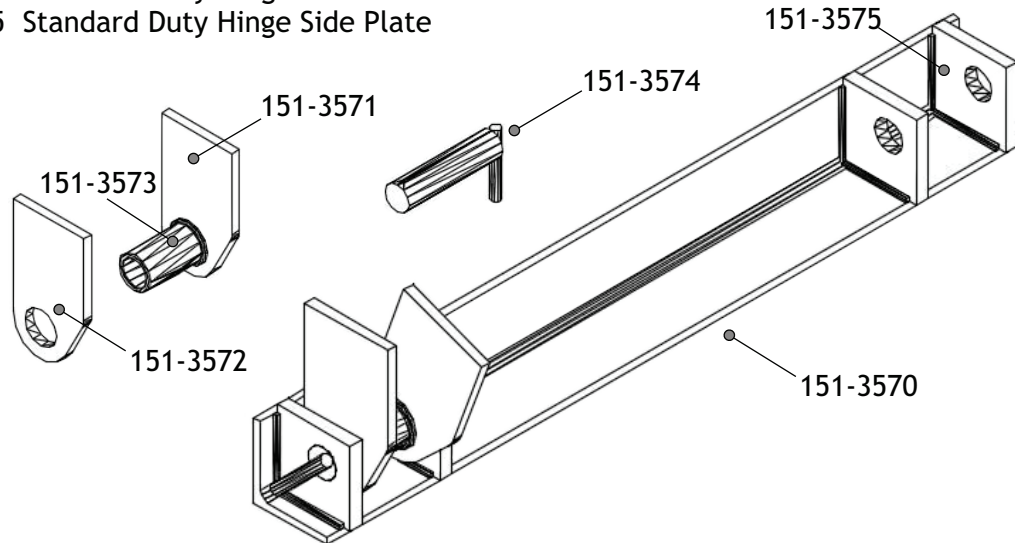
- A. Loosen the bleeder valve located on the top pin eye, accessible through the door on the front of the unit.
- B. Operate the pump at slow engine speed until the air is completely eliminated and hydraulic fluid is present
- C. Tighten the bleeder valve cap securely, being careful not to over tighten, to stop oil flow. The hoist should operate smoothly upon completion.

INSPECTION:

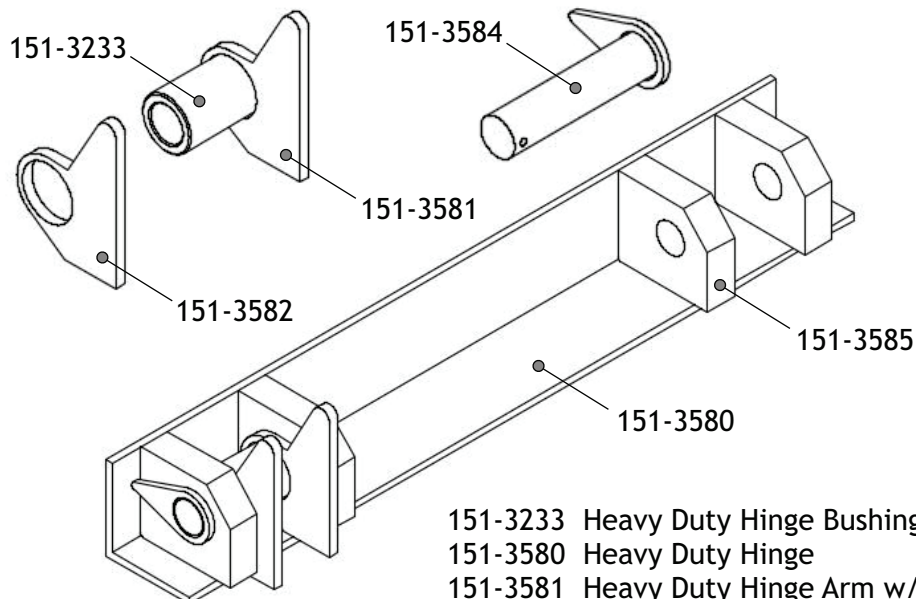
The hydraulic system is subjected to extreme conditions due to vibration. Therefore periodic inspection is necessary to insure continuous service. Check the pump and hoist connection for signs of leakage. The linkage to the PTO and pump valve should be checked for proper operation.

Standard Duty XPC Rear Dump Hinge

- 151-3570 Standard Duty Hinge
- 151-3571 Standard Duty Hinge Arm w/Bushing
- 151-3572 Standard Duty Hinge Arm w/out Bushing
- 151-3573 Standard Duty Hinge Bushing w/out Hinge Arm
- 151-3574 Standard Duty Hinge Pin
- 151-3575 Standard Duty Hinge Side Plate



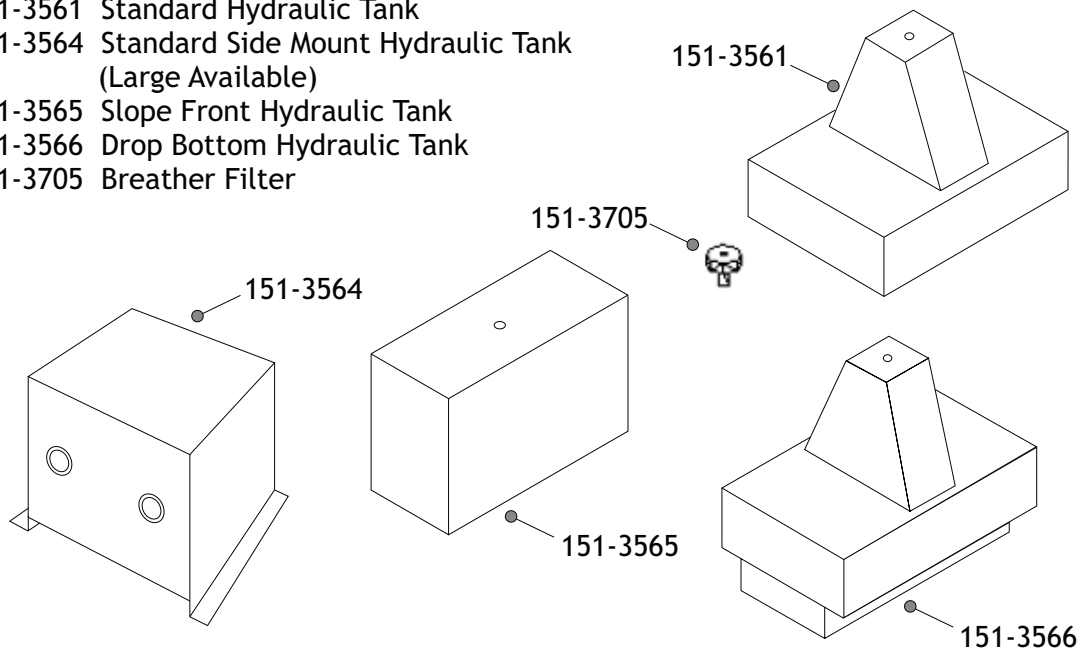
Heavy Duty XPC Rear Dump Hinge



- 151-3233 Heavy Duty Hinge Bushing w/out Hinge Arm
- 151-3580 Heavy Duty Hinge
- 151-3581 Heavy Duty Hinge Arm w/Bushing
- 151-3582 Heavy Duty Hinge Arm w/out Bushing
- 151-3584 Heavy Duty Hinge Pin
- 151-3585 Heavy Duty Hinge Side Plate

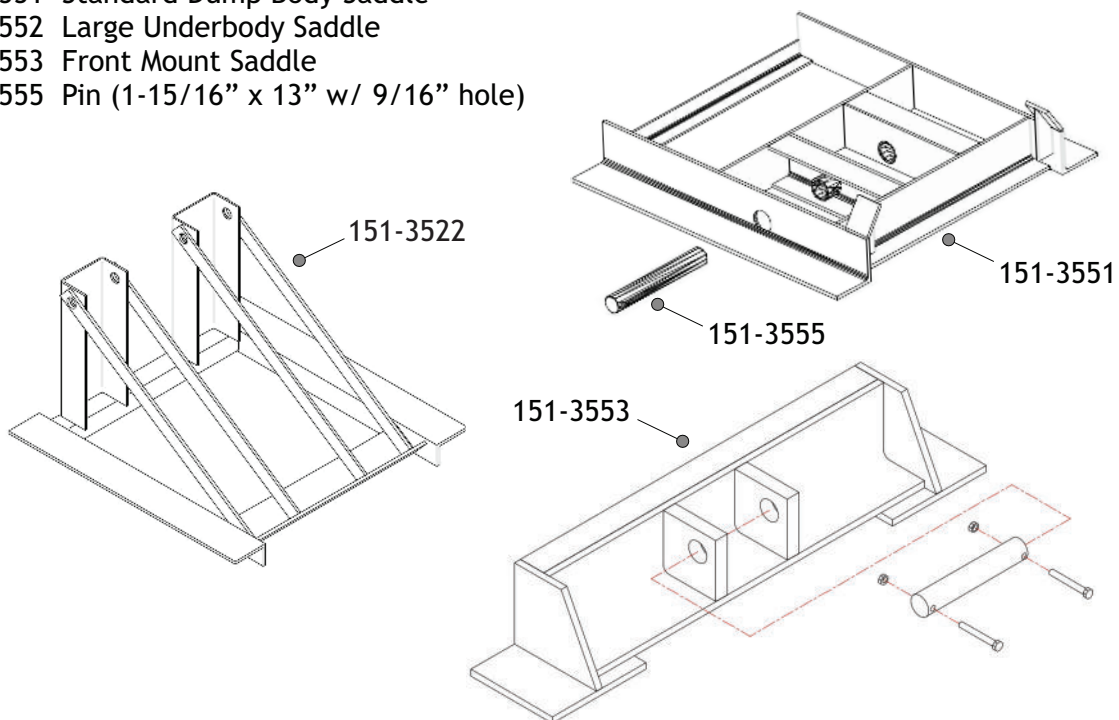
Hydraulic Tanks

- 151-3561 Standard Hydraulic Tank
- 151-3564 Standard Side Mount Hydraulic Tank (Large Available)
- 151-3565 Slope Front Hydraulic Tank
- 151-3566 Drop Bottom Hydraulic Tank
- 151-3705 Breather Filter



Saddles

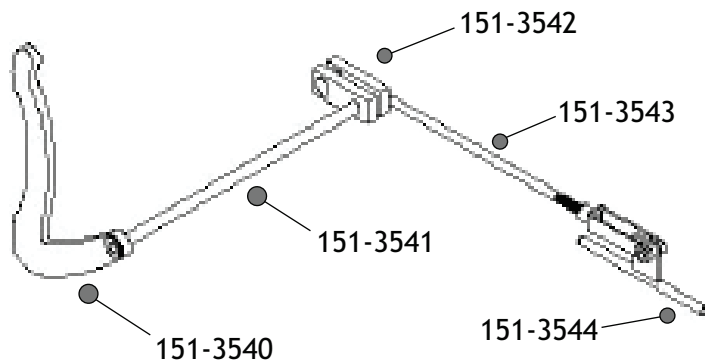
- 151-3551 Standard Dump Body Saddle
- 151-3552 Large Underbody Saddle
- 151-3553 Front Mount Saddle
- 151-3555 Pin (1-15/16" x 13" w/ 9/16" hole)



XPC Tailgate Latch Assembly

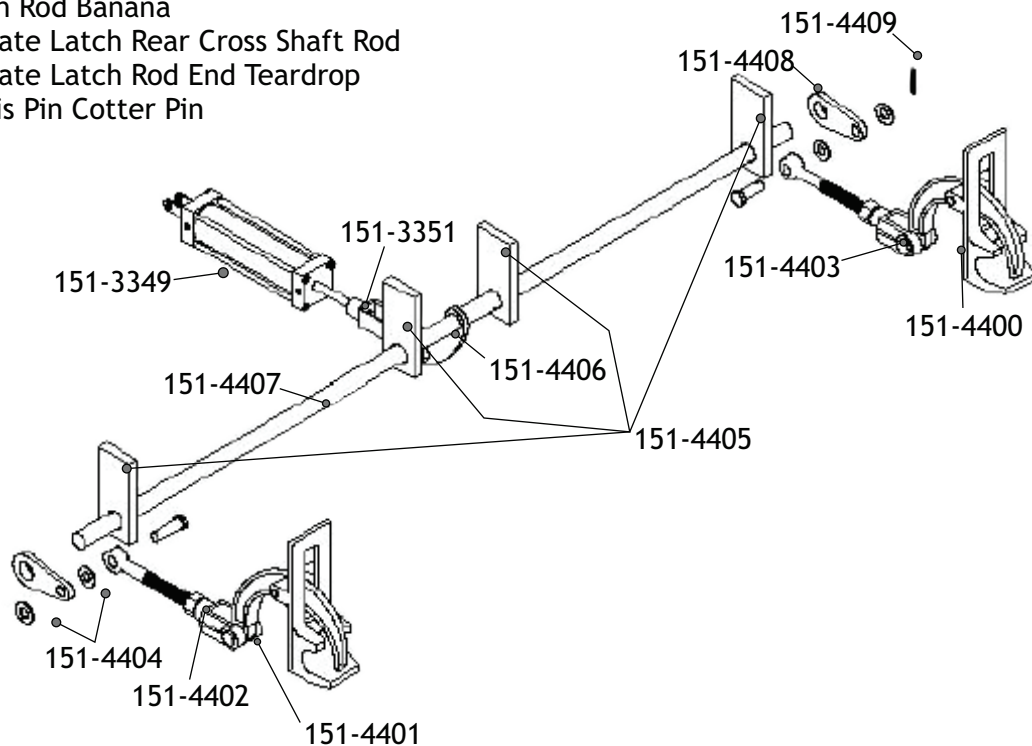
XPC MANUAL TAILGATE LATCH ASSEMBLY

- 151-3540 Tailgate Latch Handle
151-3541 Front Control Rod
151-3542 "Break Over" Block
151-3543 Adjusting Linkage Rod
151-3544 Long Tailgate Latch Rod
(Specify Length)



XPC AIR OPERATED TAILGATE LATCH ASSEMBLY

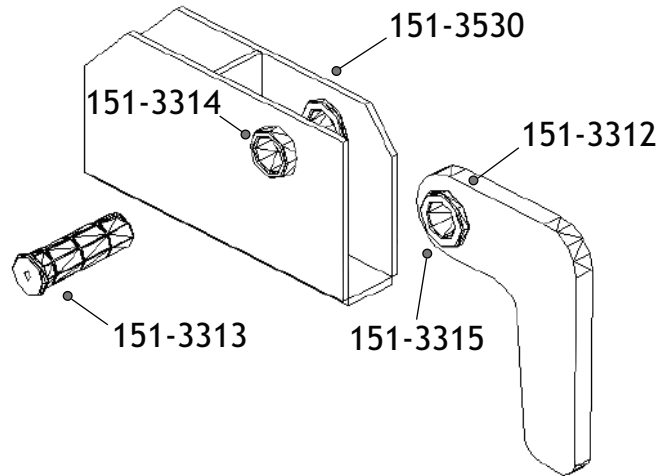
- 151-3349 2-1/2" x 8" Cylinder
- 151-4400 XPC Tailgate Latch Assembly
- 151-4401 BPC 10C Adjusting Clevis
- 151-4402 Tailgate Latch Linkage Rod
- 151-4403 Clevis Pin
- 151-4404 5/8" SAE Flat Washers
- 151-4405 Tailgate Latch Mounting Grease Block Plates
- 151-4406 Latch Rod Banana
- 151-4407 Tailgate Latch Rear Cross Shaft Rod
- 151-4408 Tailgate Latch Rod End Teardrop
- 151-4409 Clevis Pin Cotter Pin



XPC Tailgate Hinge Assembly

XPC DUMP BODY TAILGATE HINGE ASSEMBLY

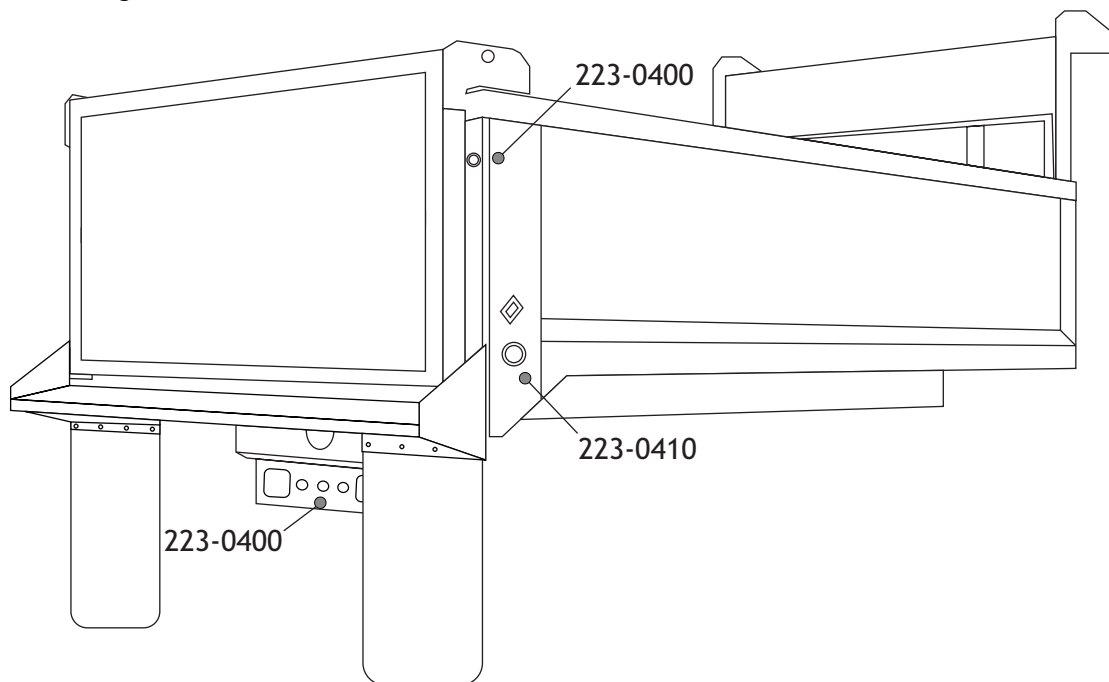
- 151-3312 Hinge Arm w/out Bushing
- 151-3313 Hinge Pin
- 151-3314 Short Bushing
- 151-3315 Long Bushing
- 151-3530 Tailgate Hinge Assembly



XPC Lighting

STANDARD XPC LIGHTING

- 223-0400 2" Red Marker - LED
- 223-0410 2.5" Red Marker - LED
- 223-0500 2" Grommet
- 223-0510 2.5" Grommet
- 223-0200 Wiring Harness - 1761



Manufacturer's Warranty

Lufkin Manufacturing, referred to herein as "the Manufacturer", warrants each new product of its own manufacture to be free from defects in material and workmanship, under normal use and service, to the original owner only, for a period of twelve (12) months from the date of purchase subject to conditions and warranty extensions outlined below.

Manufacturer's obligation under this warranty is limited to repair or replacement with similar part(s) of any part(s) of the product of its manufacture which is returned to manufacturer within thirty (30) days after discovery of defect by the original owner, provided that in manufacturer's judgment the part is defective in material and/or workmanship.

Manufacturer will furnish without charge, FOB its plant a similar part to replace any part of a product of its manufacture which proves in manufacturer's judgment to be defective in material or workmanship while in normal use and service during this warranty period.

The manufacturer's warranty or obligation in connection with the sale of the product to the original owner:

1. Shall be expressly limited to the repair or replacement of defective parts, as stated above all other damage and claims, statutory or otherwise, being hereby expressly waived by the purchaser and covers only those labor charges specifically authorized and approved by manufacturer.
2. Shall not apply to failure or damage incurred through the original owners neglect, lack of maintenance, misuse, accident, improper installation and use, reconstructing or modifying of assemblies and parts through any other cause beyond the control of the manufacturer.
3. Shall not apply if the product has been operated or used beyond manufacturer's recommended capacity.
4. Does not cover products of other manufacturers beyond such warranty as is made by such other manufacturer.
5. Requires that all warranty repairs shall be made by a manufacturer approved facility. A manufacturer's authorized distributor must obtain manufacturer's authorization before making warranty repair or replacement.

No claim under this warranty shall be valid unless such claim is submitted to the manufacturer within twelve (12) months after date of sale and within thirty (30) days after the discovery of the defect, which is the basis for such claim, whichever shall occur first. The foregoing is manufacturer's sole warranty and manufacturer makes no other warranties of any kind whatsoever: express, implied or statutory. All implied warranties or merchantability and fitness for a particular purpose, written or oral, are hereby disclaimed by the manufacturer. In no event shall Lufkin Manufacturing be liable for consequential damages nor shall Lufkin Manufacturing's liability on any claim for any direct, incidental or special damages arising out of or connected with sales contract or manufacture, sale, deliver or use of the products shall exceed the purchase price of the goods.



Lufkin Manufacturing
20020 Interstate 30
Benton, AR 72019
Ph: (501) 316-4040
Fax: (501) 634-4141
www.lufkinmfg.com