

SERVICE REPAIR

H6.0FT H7.0FT Europe [L006]

HYSTER

Lift Truck Lifting Capacity

Model	Weight
H6.0FT (H135FT)	6123 kg (13,500 lb)
H7.0FT (H155FT)	7030 kg (15,500 lb)
NOTE: Load center at 600 mm (24 in.).	

Counterweight Weights

Model	Weight
H6.0FT (H135FT)	2588 kg (5705 lb)
H7.0FT (H155FT)	3099 kg (6832 lb)

Tire Sizes

Truck	Drive Tires	Steer Tires
H6.0FT, H7.0FT (H135FT, H155FT)	8.25 × 15	8.25 × 15

Capacities

Item	Quantity	Specifications
Fuel Capacity		
LPG	38.6 liter (10.2 gal) Empty 19.0 kg (41 lb) Full 38.2 kg (84.51 lb)	LPG-HD 5, HD 10
Kubota Diesel 3.6L	74.8 liter (19.7 gal)	Diesel No. 2
Kubota Diesel 3.8L	74.8 liter (19.7 gal)	Low Sulfur ≤ 15 PPM Diesel No. 2

Item	Quantity	Specifications
Engine Oil		
4.3L	4.7 liter (5.0 qt)	−7°C (−20°F) and below SAE 5W-20 16°C (60 °F) and below SAE 5W-30 −18°C (0°F) and above SAE 10W-30 API SL ILSAC GF3
Kubota Diesel	13.2 liter (13.9 qt)	Below −25°C (−13°F) SAE 5W-30 −15°C (5°F) and above SAE 15W-40 −25°C (−13°F) and above SAE 10W-30
Cooling System		
4.3L	15.1 liter (15.9 qt)	 CAUTION Additives may damage the cooling system. Before using additives, contact your local Hyster dealer. Use Ethylene Glycol Boron-free Antifreeze. Purchase a pre-diluted 50/50 solution; or mix 50% concentrate with 50% distilled water or deionized water.
Kubota Diesel 3.6L	11.0 liter (11.6 qt)	 CAUTION Additives may damage the cooling system. Before using additives, contact your local Hyster dealer. Use Ethylene Glycol Boron-free Antifreeze. Purchase a pre-diluted 50/50 solution; or mix 50% concentrate with 50% distilled water or deionized water.

Item		Quantity	Specifications
Kubota Diesel	3.8L	11.0 liter (11.6 qt)	 CAUTION Additives may damage the cooling system. Before using additives, contact your local Hyster dealer. Use Ethylene Glycol Boron-free Antifreeze. Purchase a pre-diluted 50/50 solution; or mix 50% concentrate with 50% distilled water or deionized water.
Diesel Exhaust Fluid			
Kubota Diesel	3.8L	20 liter (21.1 qt)	32.5% urea (AUS 32) ISO 22241
Hydraulic Tank Oil Capacity			
All Trucks		75 liter (79 qt) Initial Fill 71.7 liter (75.7 qt) Drain and Fill	 CAUTION Additives may damage the hydraulic system. Before using additives, contact your local Hyster dealer. NOTE: If lift truck is used in Paper application use ONLY JDM J20C type fluid for both the transmission and hydraulic system. ISO - VG 46 Hydraulic Oil Shell - Tellus Oil 46 Shell - Tellus Premium 46 Texaco - Rando HD 46 Exxon - Nuto H 46 Mobil - DTE 25 -15°C (5°F) and above
Transmission Oil Level			
Powershift Transmission (2-Speed)		24 liter (25.4 qt)	NOTE: If lift truck is used in Paper application use ONLY JDM J20C type fluid for both the transmission and hydraulic system. Chevron - Chevron 1000THF Deere and Company - HYGard Fluid J20C Mobile Oil Company - Mobilfluid 424 Shell Oil Company - Donax TD
DuraMatch (3-Speed)		24 liter (25.4 qt)	NOTE: If lift truck is used in Paper application use ONLY JDM J20C type fluid for both the transmission and hydraulic system. Chevron - Chevron 1000THF Deere and Company - HYGard Fluid J20C Mobile Oil Company - Mobilfluid 424 Shell Oil Company - Donax TD

Item	Quantity	Specifications
Wet Brake Drive Axle Oil Capacities		
Drive Axle Housing Arm Oil Right Chamber	7.8 liter (8.25 qt)	Chevron - Chevron 1000THF Deere and Company - HYGard Fluid J20C Mobile Oil Company - Mobilfluid 424 Shell Oil Company - Donax TD
Drive Axle Housing Arm Oil Left Chamber	7.8 liter (8.25 qt)	Chevron - Chevron 1000THF Deere and Company - HYGard Fluid J20C Mobile Oil Company - Mobilfluid 424 Shell Oil Company - Donax TD
Brake Oil (Master Cylinder)		
All Lift Truck Models	0.35 liter (0.74 pt)	 WARNING DO NOT use DOT fluid; only use Dexron III oil from sealed container to prevent possible damage to the brake system. Failure to observe the above Warning could result in death or serious injury. Dexron III From Sealed Container
Wet Brake Center Section Oil		
All Lift Truck Models	4.6 liter (4.9 qt)	SAE 80W-90

Electrical System

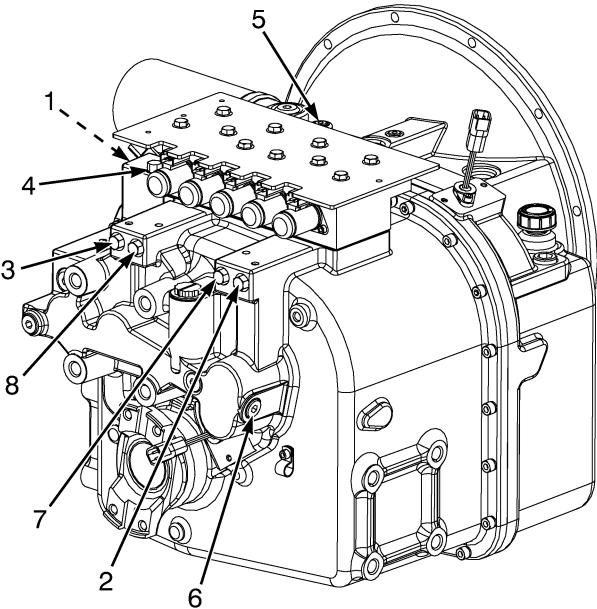
Item	GM/PSI 4.3L	Kubota Diesel
Battery	12-volt, negative ground	12-volt, negative ground
Spark Plugs	AC-R44-LTS	N/A
Spark Plug Gap	.889 mm (0.035 in.)	N/A
Ignition Timing:		
LPG	Not Adjustable	N/A
Diesel	N/A	N/A

GM/PSI 4.3L		
Alternator Output (14 Volts)	LPG	LPS
Idle	50 amps @ 750 rpm	38 amps @ 750 rpm
Governed Speed	65 amps @ 2400 rpm	45 amps @ 2400 rpm
Kubota 3.8L (Diesel)		
Alternator Output (13.5 Volts)	D	DS
Low Idle	30 amps @ 800 rpm	25 amps @ 800 rpm
High Idle	80 amps @ 2200 rpm	45 amps @ 2200 rpm
Kubota 3.6L (Diesel)		
Alternator Output (13.5 Volts)	D	DS
Low Idle	30 amps @ 850 rpm	N/A
Governed Speed	80 amps @ 2650 rpm	N/A

Transmission Oil Pressures

Table 1. 3-Speed Transmission

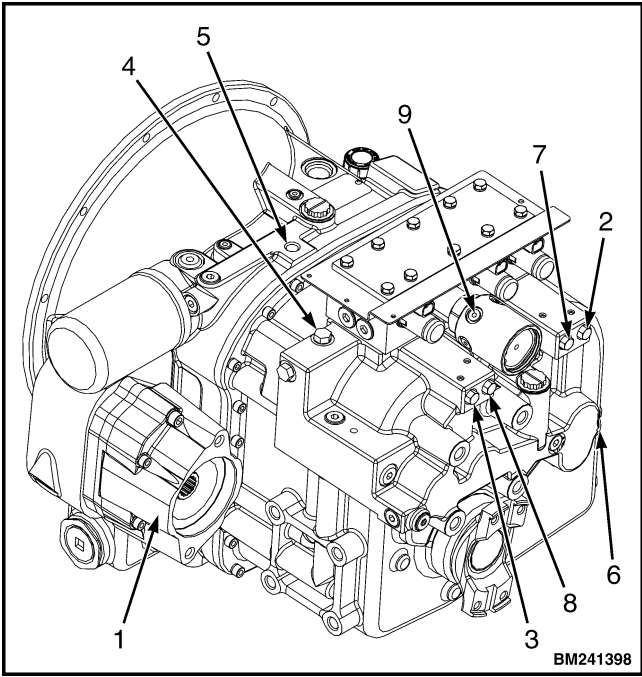
All Pressures at 2000 rpm and Oil at 50 to 65°C (120 to 150°F)							
Port 1 Transmission Pump	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
Low and High Pressure	Reverse Clutch (R1 and R2)	Forward Low Clutch (F1 and F2)	Forward High Clutch (F3)	Torque Converter	Lubrication	First Test Port (F1 and R1)	Second Test Port (F2, F3 and R2)
1793 to 2068* kPa (260 to 300 psi)	1793 to 2068 kPa (260 to 300 psi)	1793 to 2068 kPa (260 to 300 psi)	1793 to 2068 kPa (260 to 300 psi)	758 kPa (110 psi)	69 to 276 kPa (10 to 40 psi)	1793 to 2068 kPa (260 to 300 psi)	1793 to 2068 kPa (260 to 300 psi)



BM210864

*Relief Pressure

Table 2. 2-Speed Transmission

All Pressures at 2000 rpm and Oil at 50 to 65°C (120 to 150°F)								
Port 1 Transmission Pump	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8	Port 9
Low and High Pressure	Reverse Clutch (R1 and R2)	Forward Low Clutch (F1 and F2)	Forward High Clutch (F3)	Torque Conver ter	Lubricatio n	First Test Port (F1 and R1)	Second Test Port (F2, F3 and R2)	Inching Control, Brake Pressure Port
1793 to 2068* kPa (260 to 300 psi)	1793 to 2068 kPa (260 to 300 psi)	1793 to 2068 kPa (260 to 300 psi)	1793 to 2068 kPa (260 to 300 psi)	758 kPa (110 psi)	69 to 276 kPa (10 to 40 psi)	1793 to 2068 kPa (260 to 300 psi)	1793 to 2068 kPa (260 to 300 psi)	1793 to 2068 kPa (260 to 300 psi)
								
*Relief Pressure								

Hydraulic System Relief Pressures

Item	Specification
Oil Temperature for Setting Relief Pressure	50 to 65°C (122 to 149°F)
Primary Relief Valve Pressure (High Idle)	22.1 ±0.48 MPa (3205 ± 70 psi)
Secondary Relief Valve Pressure (High Idle)	15.51 ±0.48 MPa (2250 ±70 psi)

Steering System

Item	Quantity	
Oil Temperature	50 to 65°C (122 to 149°F)	
Steering Relief Pressure at 800 rpms	NOTE: Lift trucks built before February 2019 12.4 ±0.3 MPa (1798 ±43.5 psi) NOTE: Lift trucks built after February 2019 15.5 ±0.3 MPa (2248 ±43.5 psi)	
Steering Cylinder Stroke (Each Side)	224.0 mm (8.3 in.)	
Inside Steering Tire Angle	74.5°	
Number of Turns to Lock	3.50	
Turning Radius (±76 mm NO LOAD)	Outside	Inside
H6.0FT (H135FT)	3320	230
H7.0FT (H155FT)	3388	230

Stall Speeds (in RPM ±100 rpm)

GM/PSI 4.3L LPG H6.0FT, H7.0FT (H135FT, H155FT) (L006)

Transmission	New Engine	Broken-In Engine (30 hrs)
Powershift (2 Speed)	1900	2000
DuraMatch	N/A*	N/A*
*DuraMatch transmission has torque limiting feature.		

KUBOTA 3.6L DIESEL H6.0FT, H7.0FT (H135FT, H155FT) (L006)

Transmission	New Engine	Broken-In Engine (30 hrs)
Powershift (2 Speed)	1935	1950

KUBOTA 3.8L DIESEL H6.0FT, H7.0FT (H135FT, H155FT) (L006)

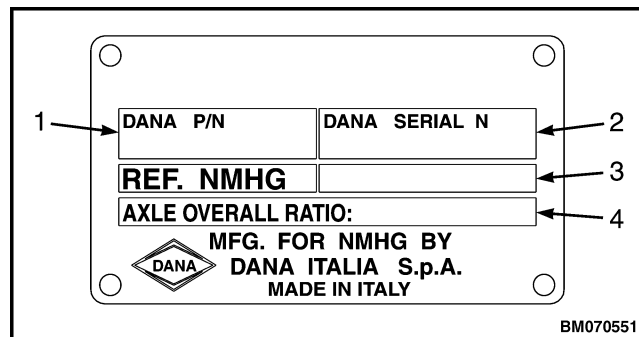
Transmission	New Engine	Broken-In Engine (30 hrs)
Powershift (2 Speed)	2015	2050
DuraMatch	N/A*	N/A*
*DuraMatch transmission has torque limiting feature.		

General

This manual covers the repair of the drive axle, differential, and the wet disc brakes.

IDENTIFICATION PLATE

See Figure 1.



1. DANA PART NUMBER
2. DANA SERIAL NUMBER
3. HYSTER PART NUMBER
4. AXLE OVERALL RATIO

Figure 1. Identification Plate

Drive Axle Removal



WARNING

When putting the lift truck on blocks, make sure the surface is solid, even, and level. Any blocks used to support the lift truck must be solid, one-piece units.

1. Put blocks on each side (front and back) of the steering tires to prevent movement of the lift truck.
2. Raise the lift truck and put blocks under the frame so that the drive wheels do not touch the floor. Put blocks under the counterweight for stability.
3. Remove the mast assembly as described in the section

Mast Repairs, 2- and 3-Stage Masts (S/N A513, A514, A613, A614, A702, A703, A704, A705, A706, A707, A751, A752, B513, B514, B586, B587, B588, B589, B590, B591, B749, B750, B751, B752, B753, B754)
4000SRM1250 for lift truck models

- H6.0FT, H7.0FT (H135FT, H155FT) (H006, J006, K006)

Mast Repair (S/N A513, A514, A613, A614, A643, A644, A683, A684) 4000SRM1406 for lift truck models.

- H8.0FT, H8.0FT9, H9.0FT (H170FT, H175FT36, H190FT) (A299, B299)

Mast Repair (S/N A613, A614, A643, A644, A683, A684) 4000SRM1956 for lift truck models

- H6.0FT, H7.0FT (H135FT, H155FT) (L006)

Mast Repair (S/N A613, A614, A643, A644, A683, A684) 4000SRM1956 for lift truck models

- H8.0FT, H8.0FT9, H9.0FT (H170FT, H175FT36, H190FT) (C299)



WARNING

Completely remove air from tires before removing them from lift truck. Air pressure in tires can cause tire and rim parts to explode, which can cause serious injury or death. Never loosen nuts that hold together inner and outer wheel halves when there is air pressure in tire.

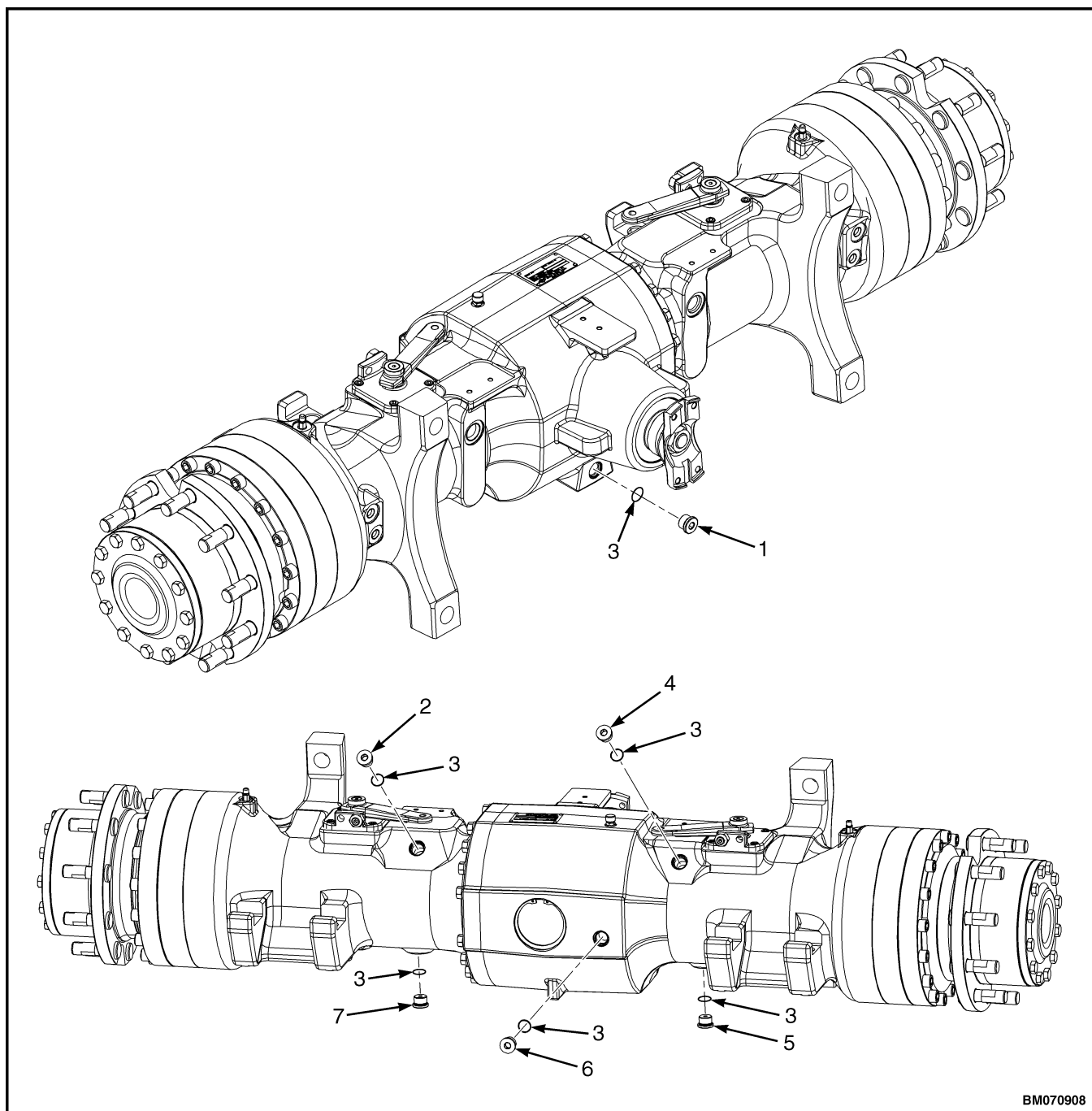
4. Remove the air from the tires and remove the wheels.

NOTE: Perform Step 5 through Step 23 for lift truck models H6.0FT, H7.0FT (H135FT, H155FT) (H006, J006, K006, L006) .

5. Remove the drive axle main housing center fill/level plug and O-ring. See Figure 2.
6. Remove the oil fill plugs and O-rings on both sides of the drive axle. See Figure 2.
7. Remove the oil drain plugs on both sides of the drive axle. Drain the oil into a suitable container. See Figure 2.
8. Remove the drive axle main housing center drain plug. Drain the oil into a suitable container. See Figure 2.
9. Remove the parking brake cables. Refer to the section
Brake System - DANA 1800SRM1247 for lift truck models
 - H6.0FT, H7.0FT (H135FT, H155FT) (H006, J006, K006)**Wet Brake System 1800SRM1977** for lift truck models
 - H6.0FT, H7.0FT (H135FT, H155FT) (L006)
10. Disconnect the brake supply line from the brake line cross fitting on the drive axle. See Figure 3.
11. Disconnect the accumulator/brake booster supply line from the manifold on the drive axle. See Figure 3.
12. Disconnect the brake booster return line from the manifold on the drive axle. See Figure 3.

NOTE: Note placement of hose clamps prior to removal of hoses to aid in installation.

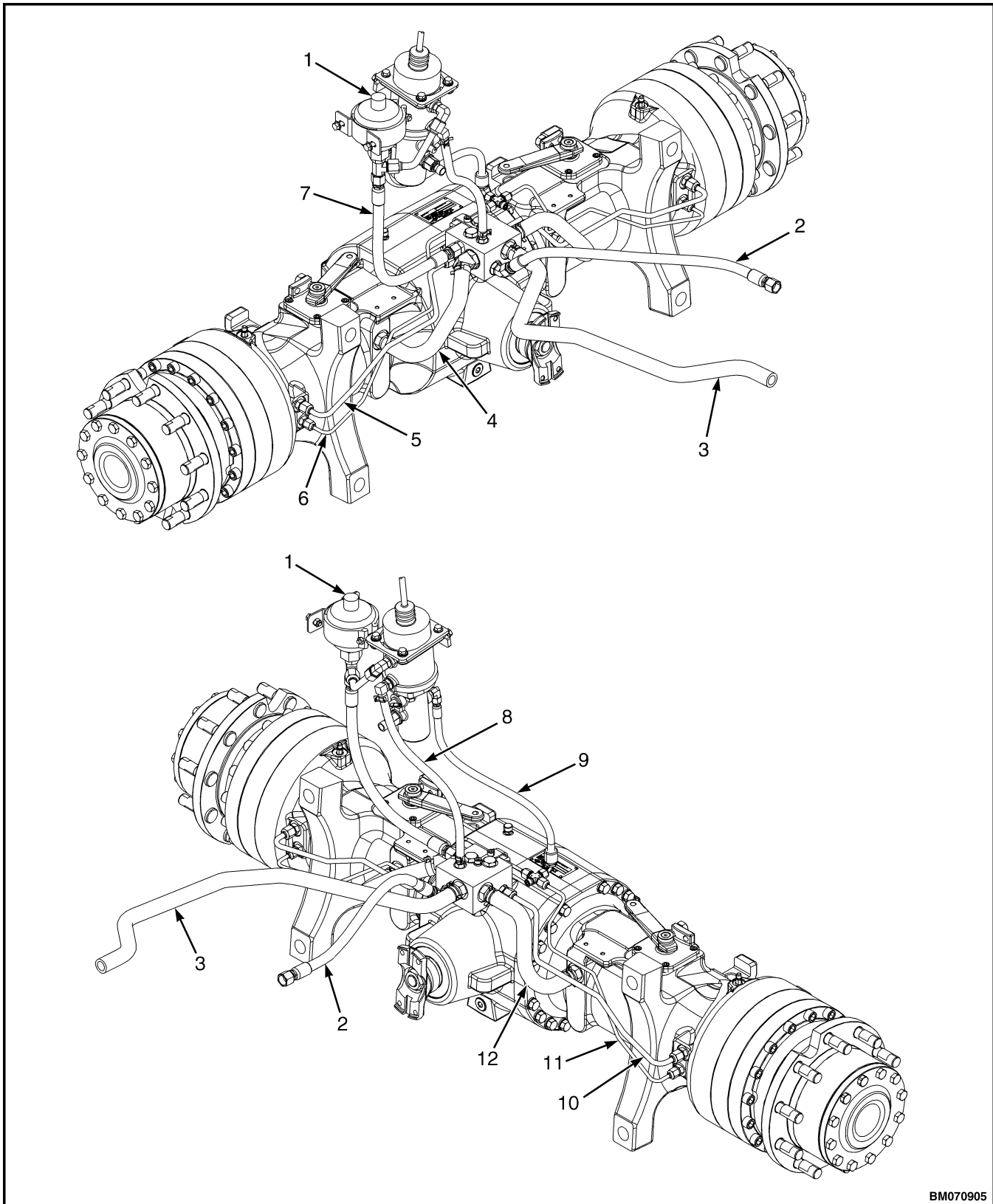
13. Disconnect the drive axle to transmission cooling return hose from the manifold on the drive axle. See Figure 3.
14. Disconnect the transmission to drive axle cooling supply hose from the manifold on the drive axle. See Figure 3.
15. Place blocks under the axle assembly and connect slings and lifting device.
16. Remove the capscrews retaining the drive shaft. Remove the drive shaft.
17. Remove the four mounting capscrews and washers from the drive axle. See Figure 4.
18. Remove blocks and lower the drive axle assembly. Pull axle forward and away from frame.
19. Place blocks under the differential assembly.
20. Disconnect the cooling hoses from the manifold and drive axle. Remove the cooling hoses. See Figure 5.
21. Disconnect the brake cooling lines from the manifold and the drive axle. Remove the brake cooling lines. See Figure 5.
22. Remove the socket head screws retaining the brake manifold to the drive axle. Remove the manifold. See Figure 5.
23. Disconnect the brake lines from the drive axle. Remove the brake lines with cross fitting, as an assembly, from the drive axle. See Figure 5.



BM070908

- | | |
|--|---|
| 1. DRIVE AXLE MAIN HOUSING CENTER DRAIN PLUG | 5. OIL DRAIN PLUG, LEFT SIDE |
| 2. OIL FILL PLUG, RIGHT SIDE | 6. DRIVE AXLE MAIN HOUSING CENTER FILL/LEVEL PLUG |
| 3. O-RING | 7. OIL DRAIN PLUG, RIGHT SIDE |
| 4. OIL FILL PLUG, LEFT SIDE | |

Figure 2. Drive Axle Drain and Fill/Level Plugs for Lift Truck Models, H6.0FT, H7.0FT (H135FT, H155FT) (H006, J006, K006, L006)

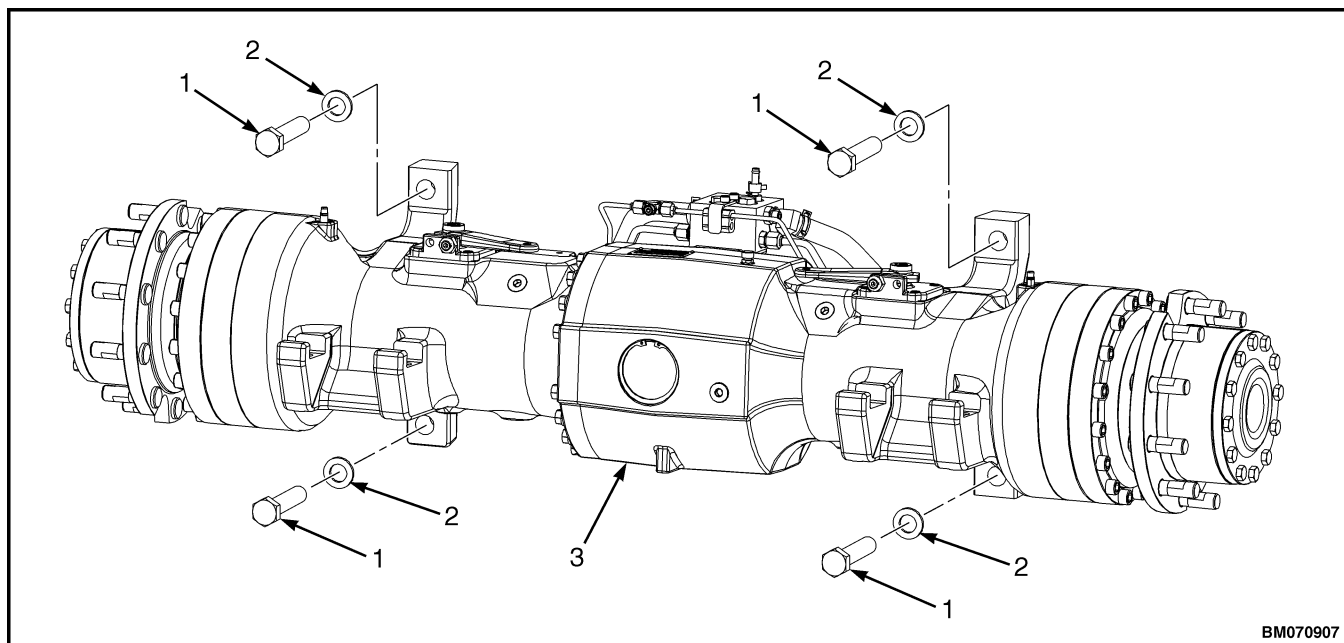


BM070905

Figure 3. Drive Axle and Brake Cooling Lines and Brake Lines for Lift Truck Models, H6.0FT, H7.0FT (H135FT, H155FT) (H006, J006, K006, L006)

Legend for Figure 3.

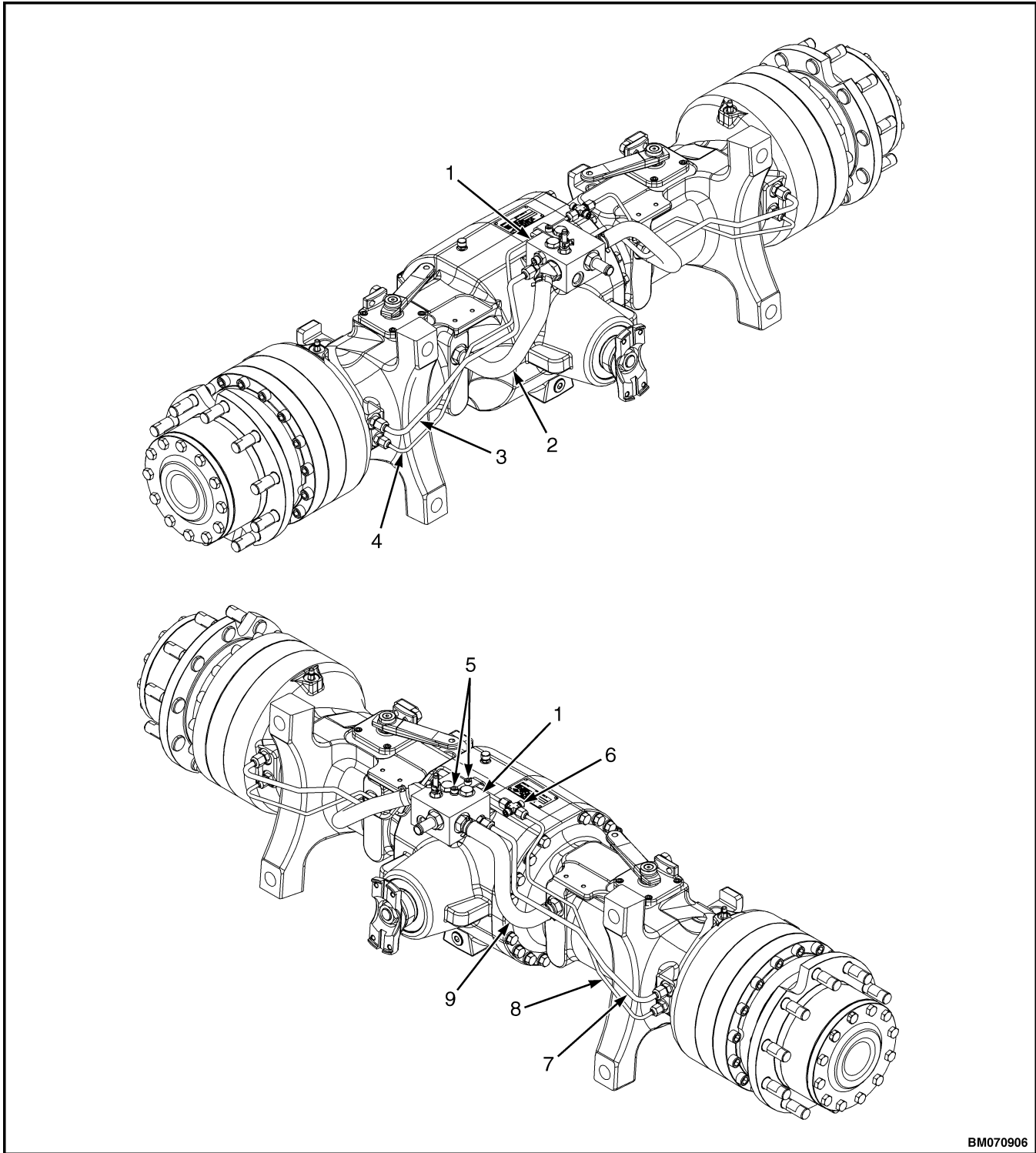
- | | |
|--|---|
| 1. ACCUMULATOR | 6. BRAKE LINE, LEFT SIDE |
| 2. TRANSMISSION TO DRIVE AXLE COOLING
SUPPLY HOSE | 7. ACCUMULATOR/BRAKE BOOSTER SUPPLY LINE |
| 3. DRIVE AXLE TO TRANSMISSION COOLING
RETURN HOSE | 8. BRAKE BOOSTER RETURN LINE |
| 4. DRIVE AXLE COOLING RETURN HOSE, LEFT
SIDE | 9. BRAKE SUPPLY LINE |
| 5. BRAKE COOLING LINE, LEFT SIDE | 10. BRAKE COOLING LINE, RIGHT SIDE |
| | 11. BRAKE LINE, RIGHT SIDE |
| | 12. DRIVE AXLE COOLING RETURN HOSE, RIGHT
SIDE |



BM070907

- | | |
|-------------|---------------|
| 1. CAPSCREW | 3. DRIVE AXLE |
| 2. WASHER | |

Figure 4. Drive Axle Mounting Capscrews



BM070906

Figure 5. Manifold and Cooling Hoses Removal for Lift Truck Models, H6.0FT, H7.0FT (H135FT, H155FT) (H006, J006, K006, L006)

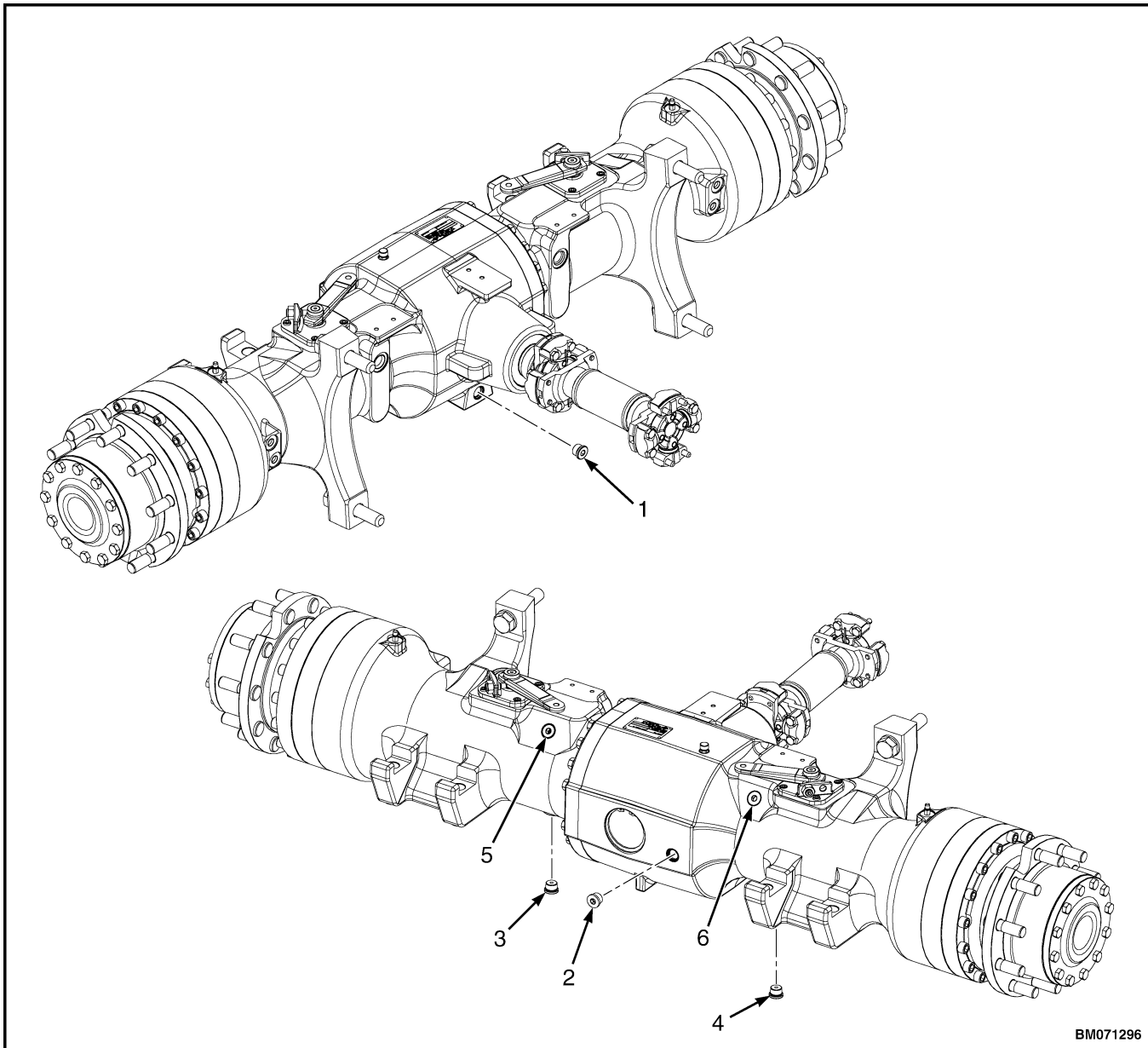
Legend for Figure 5.

- | | |
|--|---|
| 1. MANIFOLD | 6. CROSS FITTING |
| 2. DRIVE AXLE COOLING RETURN HOSE, LEFT SIDE | 7. BRAKE COOLING LINE, RIGHT SIDE |
| 3. BRAKE COOLING LINE, LEFT SIDE | 8. BRAKE LINE, RIGHT SIDE |
| 4. BRAKE LINE, LEFT SIDE | 9. DRIVE AXLE COOLING RETURN HOSE, RIGHT SIDE |
| 5. SOCKET HEAD SCREWS | |

NOTE: Perform Step 24 through Step 43 for lift truck model H8.0FT, H8.0FT9, H9.0FT (H170FT, H175FT36, H190FT) (A299, B299, C299) .

- 24.** Remove drive axle main housing center fill plug from main housing. See Figure 6.
- 25.** Remove right side and left side drain plugs from drive axle. Drain oil into suitable container. See Figure 6.

- 26.** Remove drive axle main housing center drain plug from main housing, Drain oil into suitable container. See Figure 6.



- | | |
|--|--------------------------|
| 1. DRIVE AXLE MAIN HOUSING CENTER DRAIN PLUG | 3. RIGHT SIDE DRAIN PLUG |
| 2. DRIVE AXLE MAIN HOUSING CENTER FILL PLUG | 4. LEFT SIDE DRAIN PLUG |
| | 5. RIGHT SIDE FILL PLUG |
| | 6. LEFT SIDE FILL PLUG |

Figure 6. Drive Axle Drain and Fill Plugs for Lift Truck Models, H8.0FT, H8.0FT9, H9.0FT (H170FT, H175FT36, H190FT) (A299, B299, C299)

- 27.** Remove the parking brake cables. Refer to the section

Brake System - DANA 1800SRM1247 for lift truck models

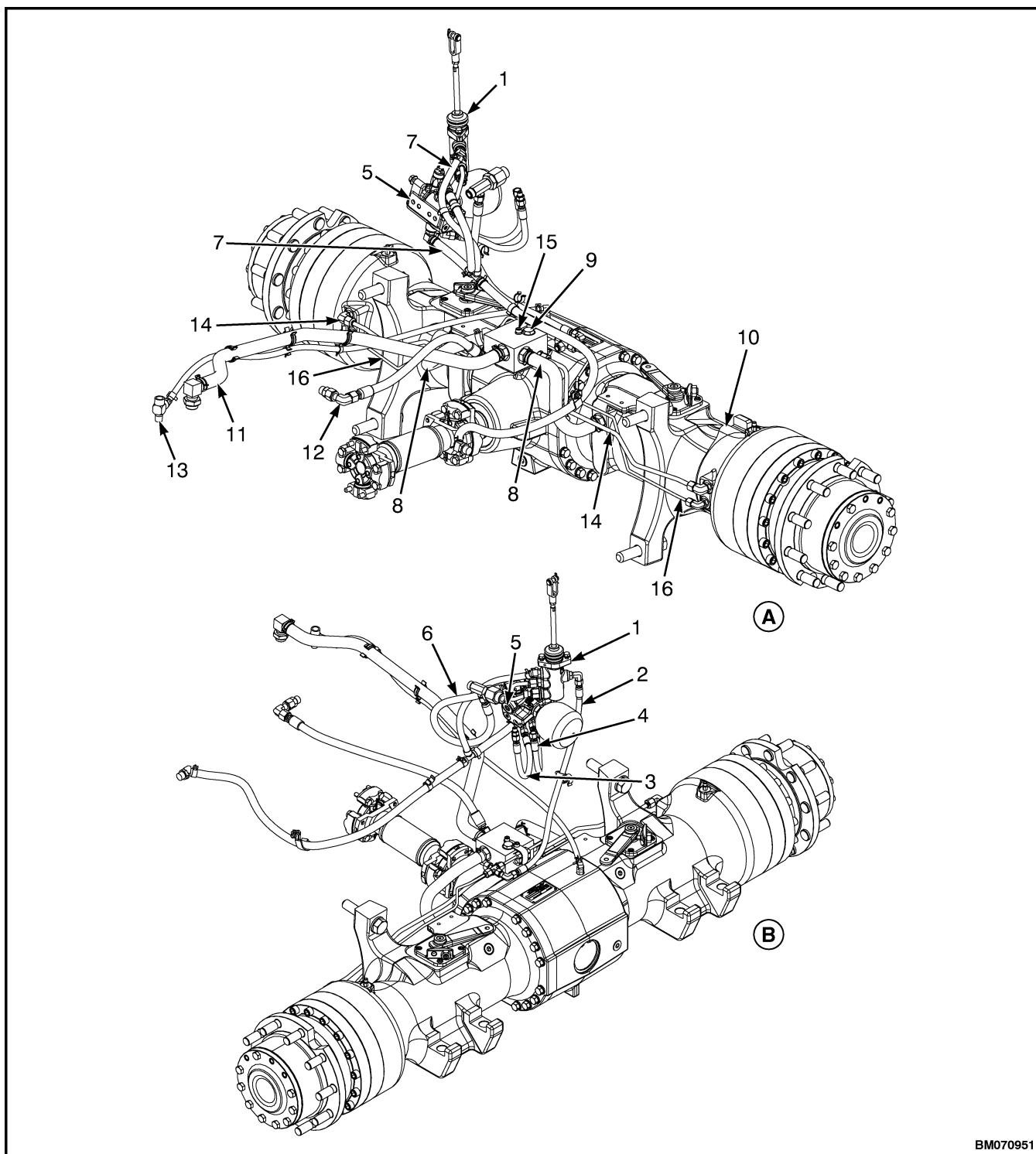
- H8.0FT, H8.0FT9, H9.0FT (H170FT, H175FT36, H190FT) (A299, B299)

Wet Brake System 1800SRM1977 for lift truck models

- H8.0FT, H8.0FT9, H9.0FT (H170FT, H175FT36, H190FT) (C299)

NOTE: Note placement of hose clamps prior to removal of hoses to aid in installation.

- 28.** Disconnect load sense in and load sense out hose assemblies from accumulator charge valve. See Figure 7.
- 29.** Disconnect brake line from modulating brake valve. See Figure 7.
- 30.** Disconnect hydraulic pressure supply hose from accumulator charge valve. See Figure 7.
- 31.** Disconnect hydraulic return hose from accumulator charge valve and modulating brake valve. See Figure 7.



BM070951

Figure 7. Drive Axle, Manifold, Cooling Hoses, and Brake Lines for Lift Truck Models, H8.0FT, H8.0FT9, H9.0FT (H170FT, H175FT36, H190FT) (A299, B299, C299)

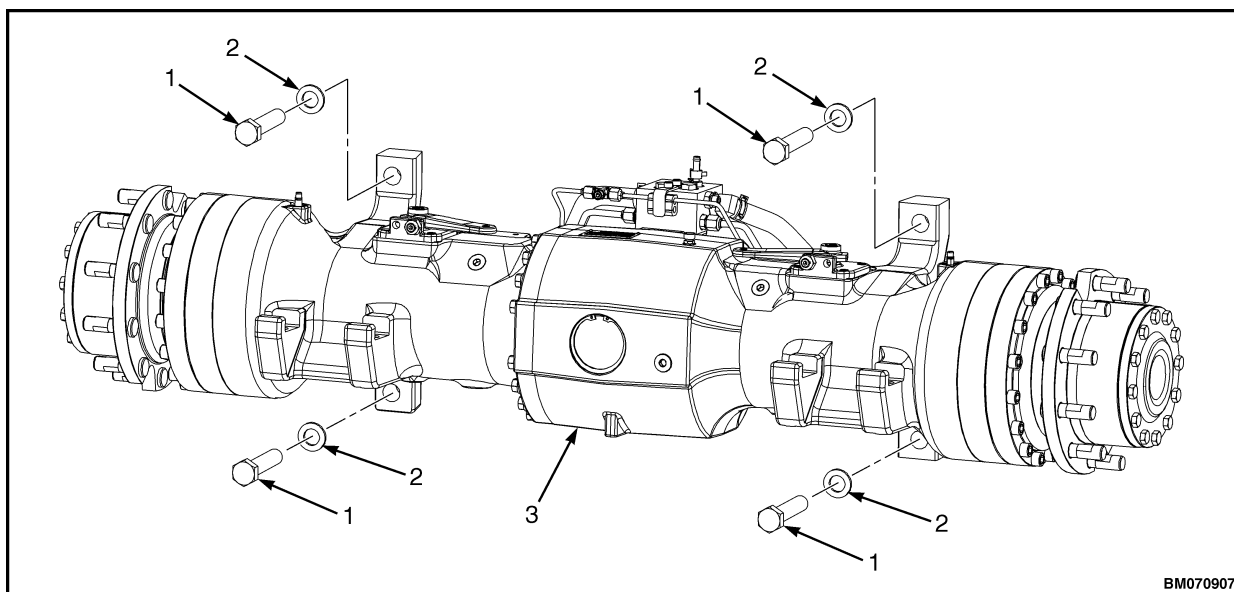
Legend for Figure 7.**A. REAR VIEW**

1. MODULATING BRAKE VALVE
2. BRAKE LINE
3. LOAD SENSE IN HOSE ASSEMBLY
4. LOAD SENSE OUT HOSE ASSEMBLY
5. ACCUMULATOR CHARGE VALVE
6. HYDRAULIC PRESSURE SUPPLY HOSE
7. HYDRAULIC RETURN HOSE
8. COOLING RETURN HOSE

B. FRONT VIEW

9. MANIFOLD
10. DRIVE AXLE
11. COOLING RETURN TO TRANSMISSION HOSE
12. COOLING SUPPLY FROM TRANSMISSION HOSE
13. AXLE VENT LINE
14. COOLING SUPPLY LINES
15. SOCKET HEAD SCREW
16. BRAKE LINE

32. Place blocks under the axle assembly. Connect slings and lifting device to axle assembly.
33. Remove the capscrews and the drive shaft from the drive axle.
34. Remove the four mounting capscrews and washers from the drive axle. See Figure 8.
35. Remove blocks and lower the drive axle assembly. Pull axle forward and away from frame.
36. Place blocks under the differential assembly.
37. Remove cooling return hoses from manifold and drive axle. See Figure 7.
38. Disconnect cooling return to transmission hose from manifold. See Figure 7.
39. Disconnect cooling supply from transmission hose from manifold. See Figure 7.
40. Disconnect axle vent line from drive axle. See Figure 7.
41. Remove cooling supply lines from manifold and drive axle. See Figure 7.
42. Remove two socket head screws and manifold from drive axle. See Figure 7.
43. Disconnect brake lines from drive axle. Remove brake lines with cross fitting, as an assembly, from drive axle. See Figure 7.



1. CAPSCREW
2. WASHER

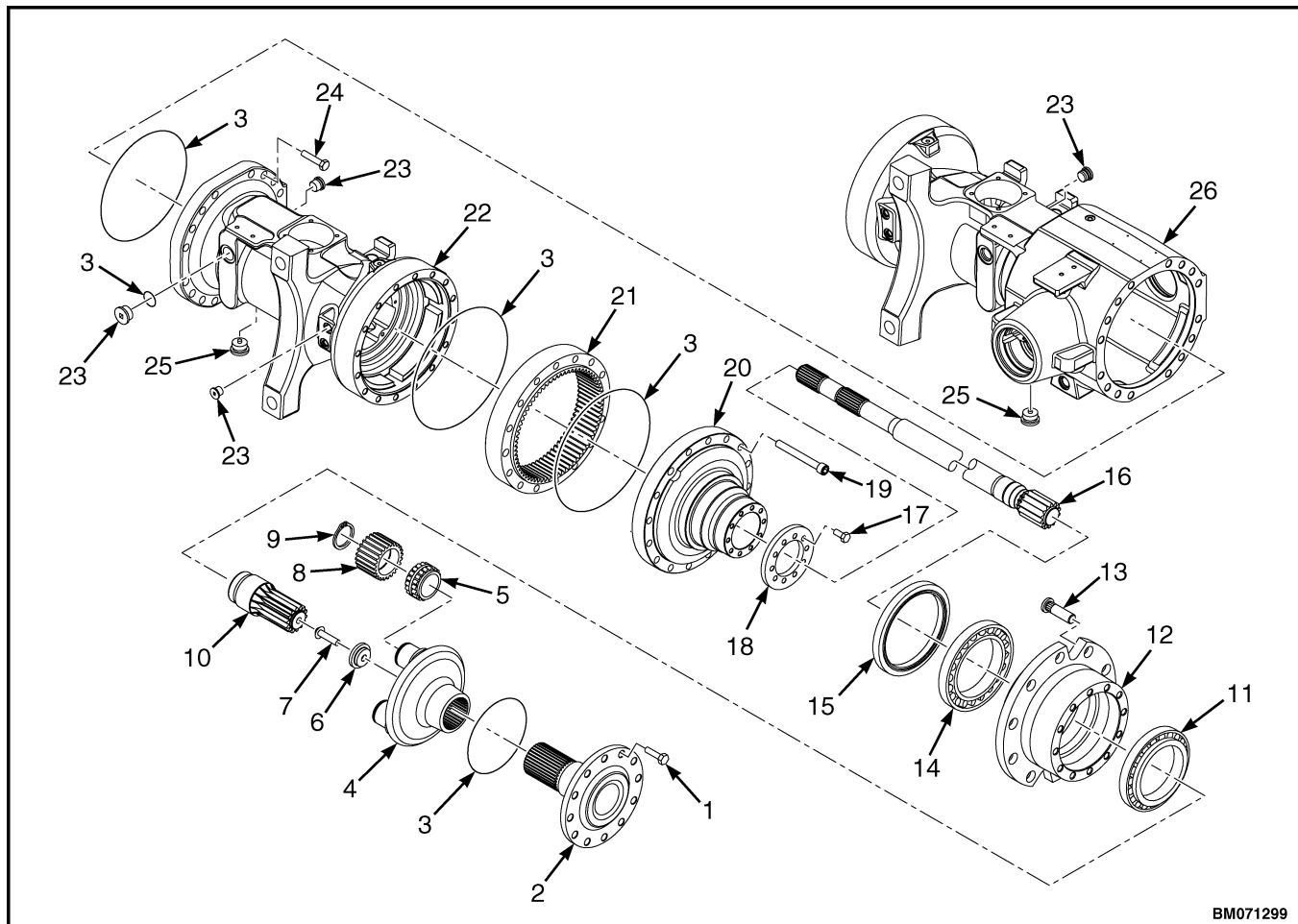
3. DRIVE AXLE

Figure 8. Drive Axle Mounting Capscrews

Planetary Reduction Gear Repair

REMOVE AND DISASSEMBLE

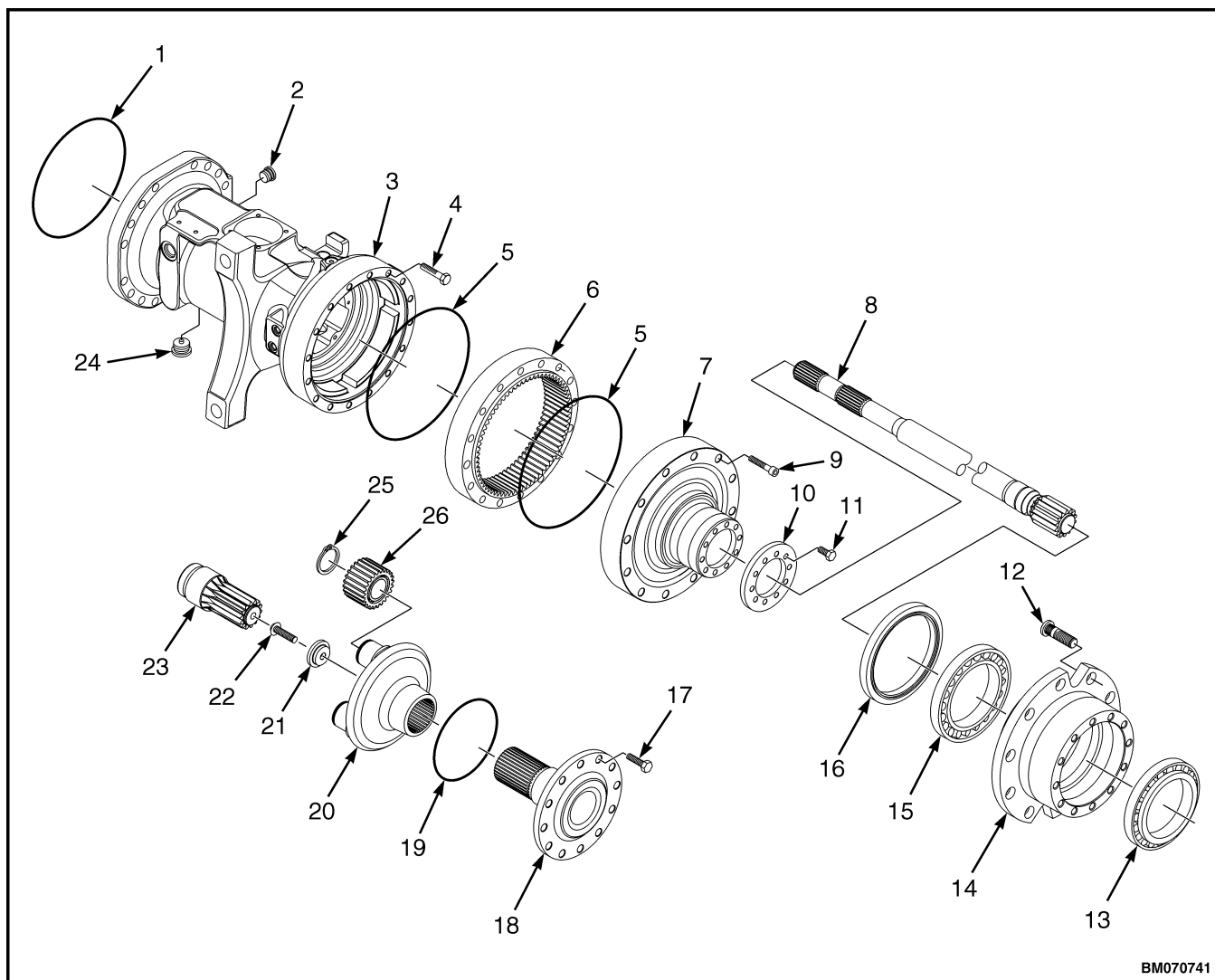
Refer to Figure 9 and Figure 10 for the following repair procedures.



BM071299

- | | |
|---------------------------|--------------------------------|
| 1. CAPSCREW | 14. INNER BEARING |
| 2. OUTER AXLE SHAFT | 15. SEAL |
| 3. O-RING | 16. HALF SHAFT - SHORT OR LONG |
| 4. PLANETARY GEAR CARRIER | 17. CAPSCREW |
| 5. BEARING | 18. SHOULDER RING |
| 6. CENTERING RING | 19. SOCKET HEAD SCREW |
| 7. RETAINING SCREW | 20. WHEEL HUB SUPPORT |
| 8. PLANETARY GEAR | 21. RING CASE |
| 9. RETAINING RING | 22. RIGHT AXLE CASE |
| 10. SUN GEAR | 23. PLUG |
| 11. OUTER BEARING | 24. HEXAGON BOLT |
| 12. WHEEL HUB | 25. MAGNET PLUG |
| 13. WHEEL STUD | 26. LEFT AXLE CASE |

Figure 9. Planetary Reduction Gear Assembly for Lift Truck Models, H8.0FT, H8.0FT9, H9.0FT (H170FT, H175FT36, H190FT) (A299, B299, C299)



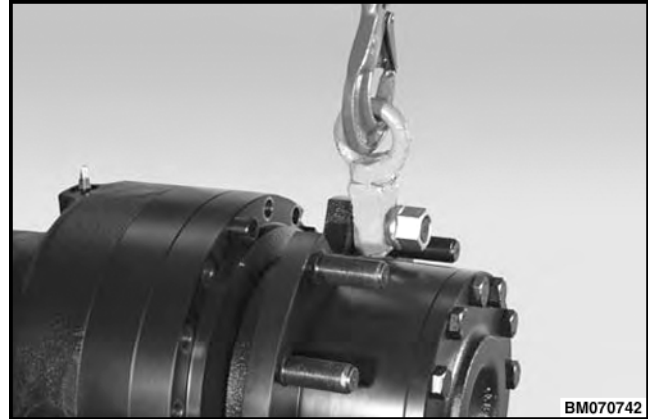
BM070741

- | | |
|---------------------------|----------------------------|
| 1. O-RING | 14. WHEEL HUB |
| 2. OIL LEVEL PLUG | 15. BEARING |
| 3. DRIVE AXLE HOUSING ARM | 16. SEAL |
| 4. CAPSCREW | 17. CAPSCREW |
| 5. O-RING | 18. OUTER AXLE SHAFT |
| 6. RING GEAR | 19. O-RING |
| 7. WHEEL HUB SUPPORT | 20. PLANETARY GEAR CARRIER |
| 8. AXLE SHAFT | 21. CENTERING RING |
| 9. SOCKET HEAD SCREW | 22. RETAINING SCREW |
| 10. SHOULDER RING | 23. SUN GEAR |
| 11. CAPSCREW | 24. DRAIN PLUG |
| 12. WHEEL STUD | 25. RETAINING RING |
| 13. BEARING | 26. PLANETARY GEAR |

Figure 10. Planetary Reduction Gear Assembly for Lift Truck Models, H6.0FT, H7.0FT (H135FT, H155FT) (H006, J006, K006, L006)

STEP 1.

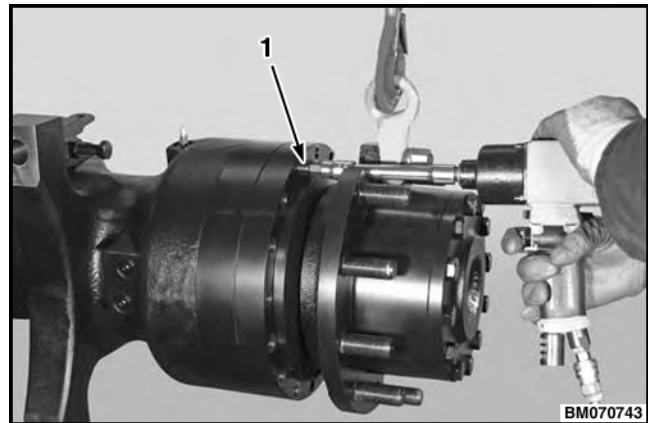
Connect an overhead lifting device to the planetary reduction gear assembly.



NOTE: Make an alignment mark on the axle housing and planetary carrier cover before removing the planetary carrier cover.

STEP 2.

Remove the socket head screws retaining the planetary carrier cover to the axle housing.

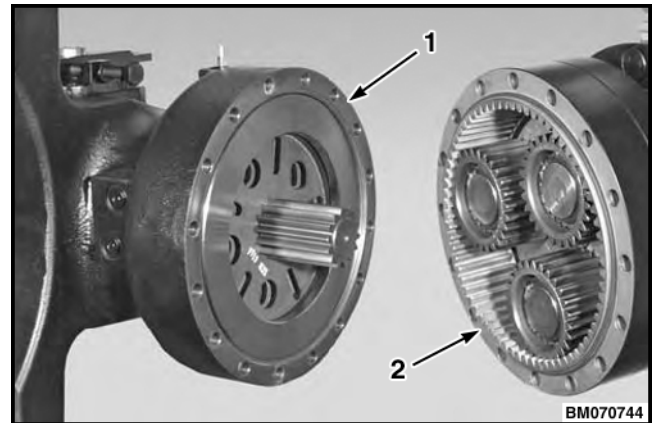


1. SOCKET HEAD SCREW

NOTE: Planetary gear images shown in Step 3 through Step 9 are for lift truck models H6.0FT, H7.0FT (H135FT, H155FT) (H006, J006, K006, L006) . Lift truck models H8.0FT, H8.0FT9, H9.0FT (H170FT, H175FT36, H190FT) (A299, B299, C299) , have four planetary gears.

STEP 3.

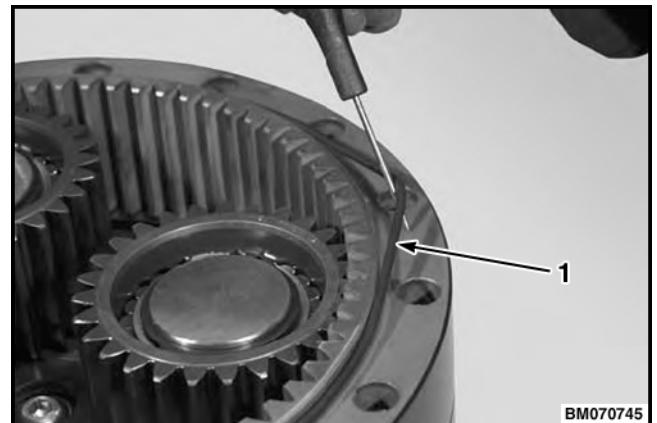
Remove complete planetary carrier assembly from axle housing.



1. AXLE HOUSING
2. PLANETARY CARRIER ASSEMBLY

STEP 4.

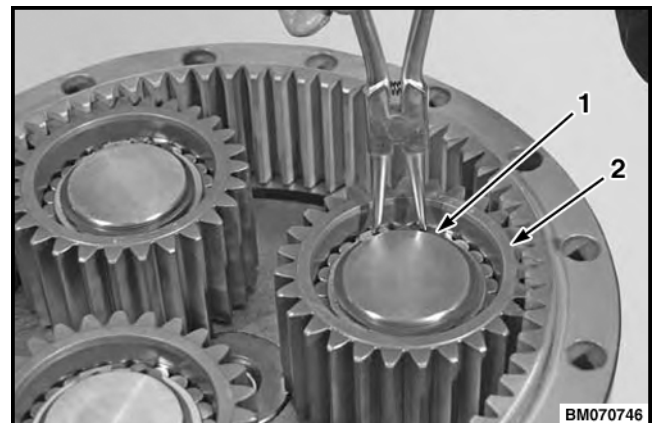
Remove and discard the O-ring from the planetary carrier assembly.



1. O-RING

STEP 5.

Remove the retaining rings retaining the planetary gears.



1. RETAINING RING
2. PLANETARY GEAR

Thank you so much for reading.
Please click the “Buy Now!”
button below to download the
complete manual.



After you pay.

You can download the most
perfect and complete manual in
the world immediately.

Our support email:

ebooklibonline@outlook.com