

Link do produktu: <https://www.specdiag.pl/hyster-instrukcje-napraw-hyster-forklift-service-manuals-repairs-service-manuals-poradnik-serwisowy-hyster-p-756.html>



Hyster - instrukcje napraw - Hyster Forklift Service Manuals - repairs service manuals - Poradnik Serwisowy Hyster

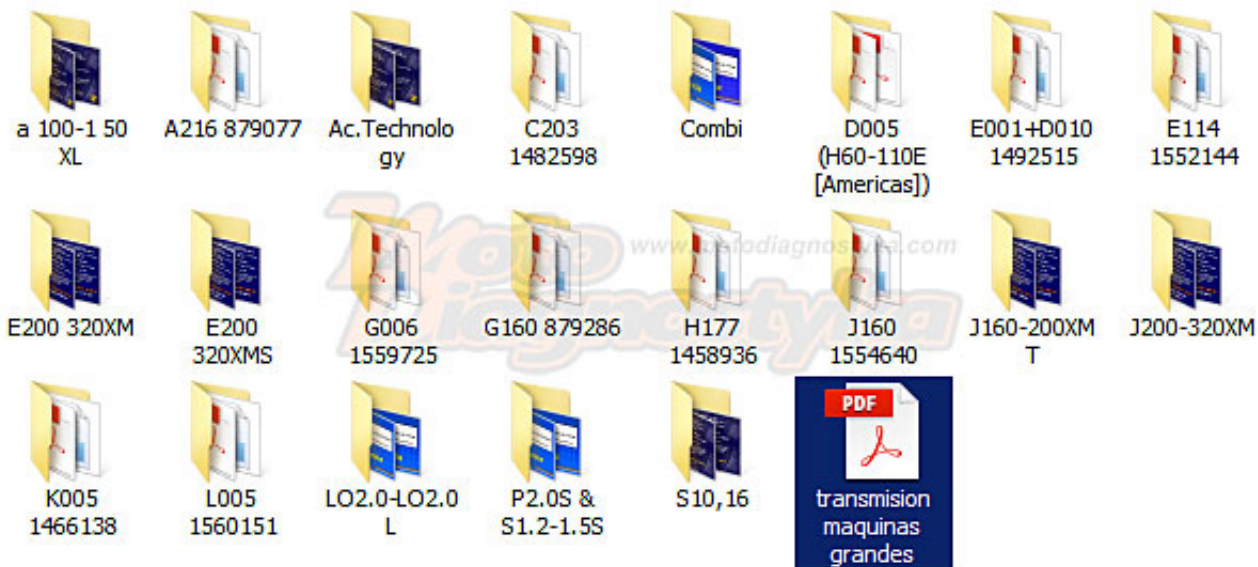
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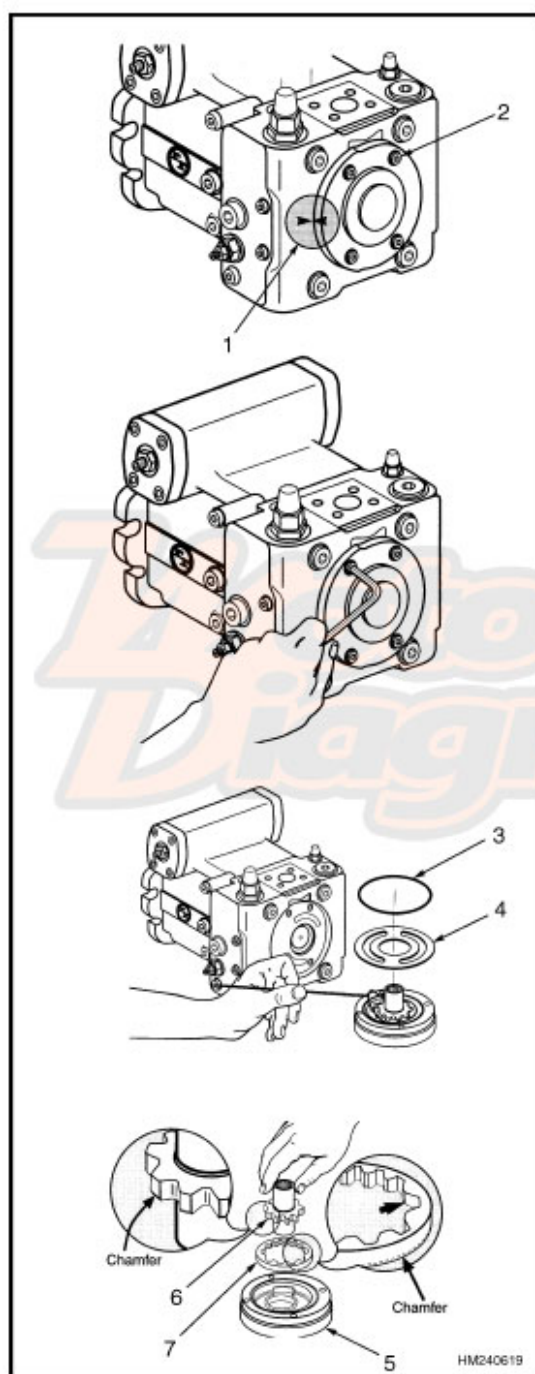
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Opis produktu

Instrukcje napraw wózków widłowych Hyster





*Legend for Figure 12*

- | | |
|------------------|------------------------|
| 1. POSITION MARK | 5. CHARGE PUMP HOUSING |
| 2. CAPSCREWS | 6. DRIVE GEAR |
| 3. O-RING | 7. DRIVEN GEAR |
| 4. PORT PLATE | |
3. Install charge pump, port plate, and O-rings. Tighten capscrews to 25 N•m (18 lbf ft).
 4. Install mount bracket on hydrostatic pump. Tighten capscrews to 66 N•m (49 lbf ft). Install mount bracket on drive axle. Tighten capscrews to 38 N•m (28 lbf ft).
 5. Install capscrew in front drive train mount bracket to mount hydrostatic pump on drive axle. Lower drive train. Tighten capscrew to 165 N•m (122 lbf ft).
 6. Connect charge bypass line and pilot supply line to hydrostatic pump. See Figure 4.
 7. Install brake pedal assembly in module. Connect brake line to master cylinder. Connect vacuum line to brake booster. See Figure 10.
 8. Install throttle pedal assembly in module. See Figure 6, Figure 7, Figure 8, or Figure 9.
- NOTE:** Step 9 applies only to lift trucks with the Perkins 1004-42 diesel engine. If your lift truck has either the Perkins 1104C-44(RE) diesel engine or the GM 4.3L LPG engine, proceed to Step 10.
9. Install throttle cable. Adjust cable as described in Throttle Pedal/MONOTROL Pedal Checks and Adjustments.
 10. Connect electrical connectors to hydrostatic pump, axle valve, and throttle pedal.
 11. Remove air from brake system as described in Brake System 1800 SRM 734.
 12. Fill hydrostatic pump with oil at fill/sampling port. See Figure 4. Fill hydraulic tank with oil.
 13. Before operating lift truck, see Startup and Calibration.

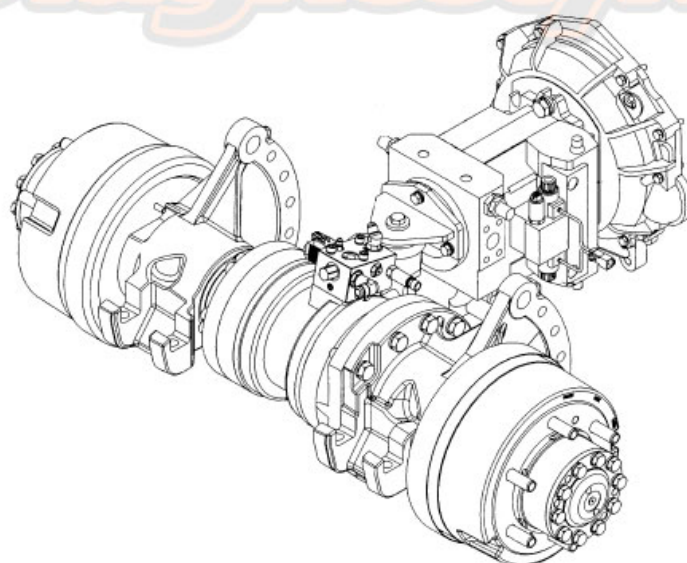
Figure 12. Charge Pump

TRANSMISSION

TROUBLESHOOTING AND REPAIRS

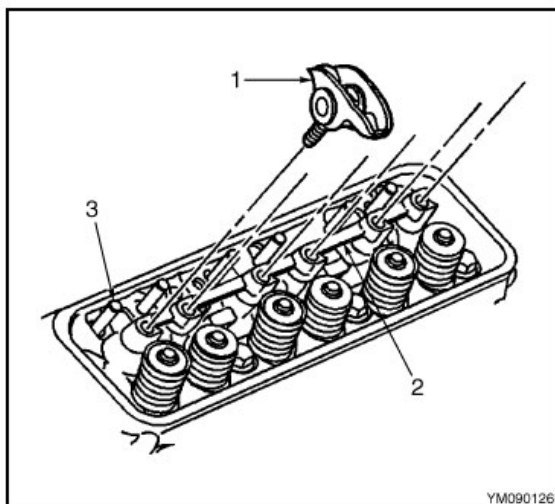
H3.50-5.50XM (H70-120XM) [K005, L005]

*Woto
Diagnostyka*



HM240604

HYSTER



1. VALVE ROCKER ARM
2. VALVE ROCKER ARM SUPPORT
3. PUSH ROD

Figure 2. Remove Valve Rocker Arm and Push Rod (Year 2002 or Later Engine Models)

7. Inspect valves for burned or damaged areas in seat surfaces. Inspect for cracks and damaged or worn valve stems. Valve stems with excessive guide clearance must be repaired or replaced. Refer to Engine Specifications.

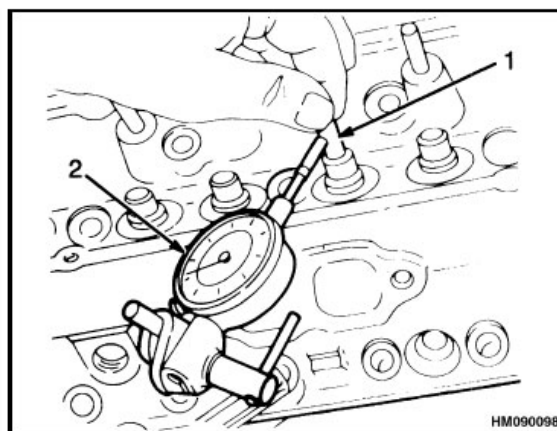
VALVE GUIDES AND SEATS, REPAIRS

Measure the clearance between the valve stem and the guide as shown in Figure 3. See Engine Specifications for maximum clearances. If the clearance is more than the maximum amount, oversize valves or new valve guides must be installed. Use a reamer of the correct size when installing new valve guides. Use normal service procedures when grinding the valve seats. See the Engine Specifications for dimensions.

VALVES, REPAIR

NOTE: Before any work is performed on the valve faces and seats, make sure the clearance of the valve stems in their valve guides is within specifications.

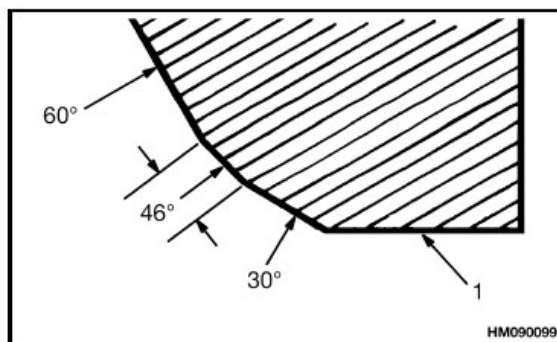
valve faces and seats within the specifications. Make sure all of the lapping compound is removed from the valve and valve seat when the process is completed.



1. VALVE STEM
2. DIAL INDICATOR

Figure 3. Valve Stem Clearance

Valves with minor pits in the valve faces can be machined to the proper angle. There are many different types of equipment for repairing valve faces. Follow the instructions of the manufacturer of the equipment that you are using. Valves must be machined to the proper specifications. See Figure 4.

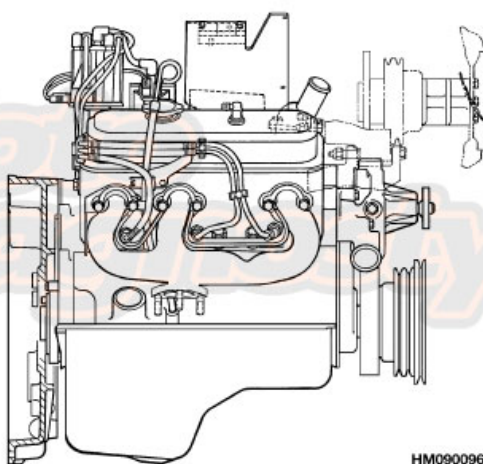


NOTE: SEAT WIDTH DIMENSION APPLIES TO THE 46° FACE ONLY.

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H3.50-5.00XL (H70-110XL) [G005];
S3.50-5.50XL (S70-120XL) [D004];
H6.00-7.00XL (H135-155XL) [F006, G006];
S6.00-7.00XL (S135-155XL) [B024, C024];
H3.50-5.50XM (H70-120XM) [K005, L005];
S3.50-5.50XM (S70-120XM) [E004, F004]



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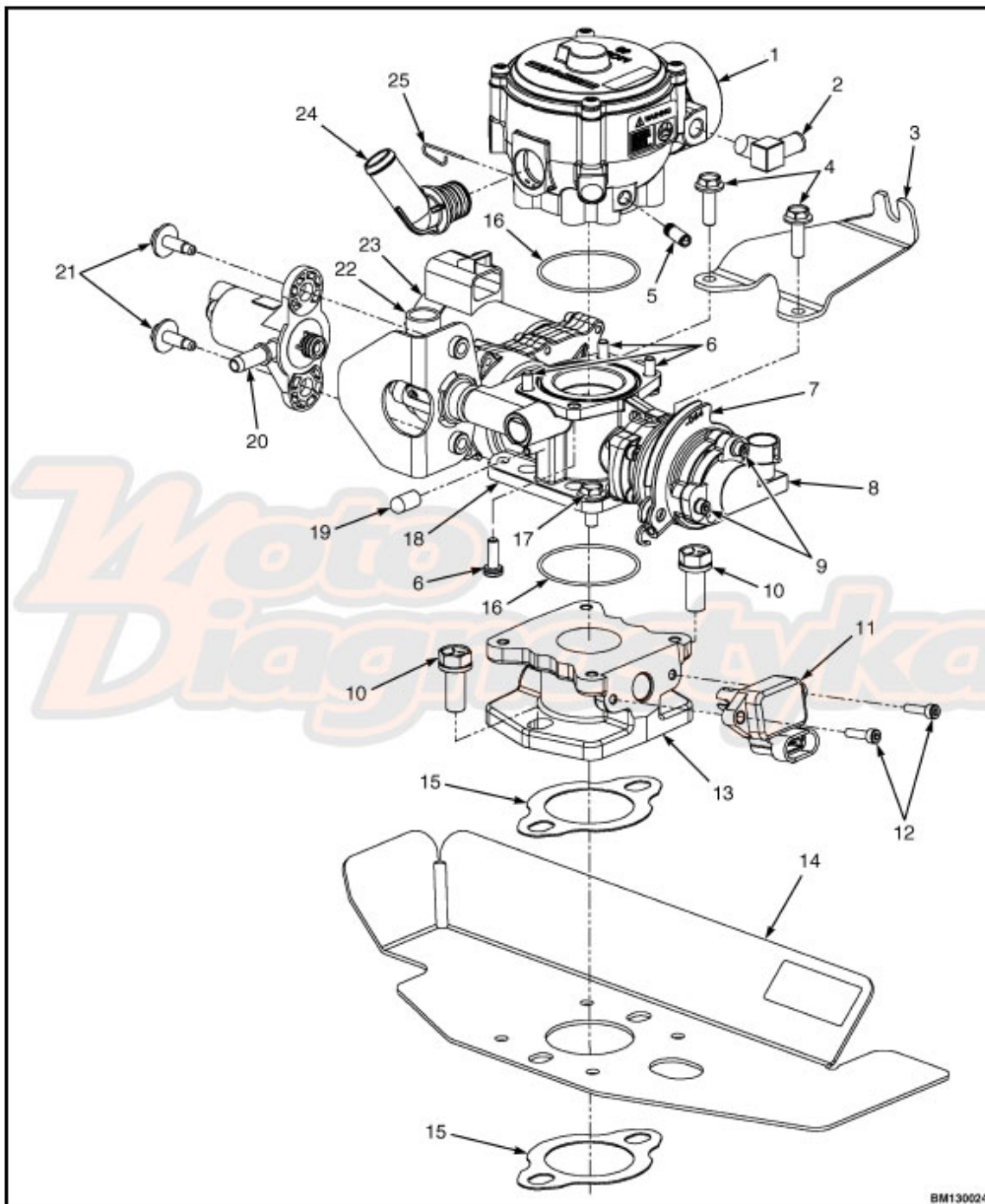


Figure 22. 3.0L Mixer and Throttle Body Assembly

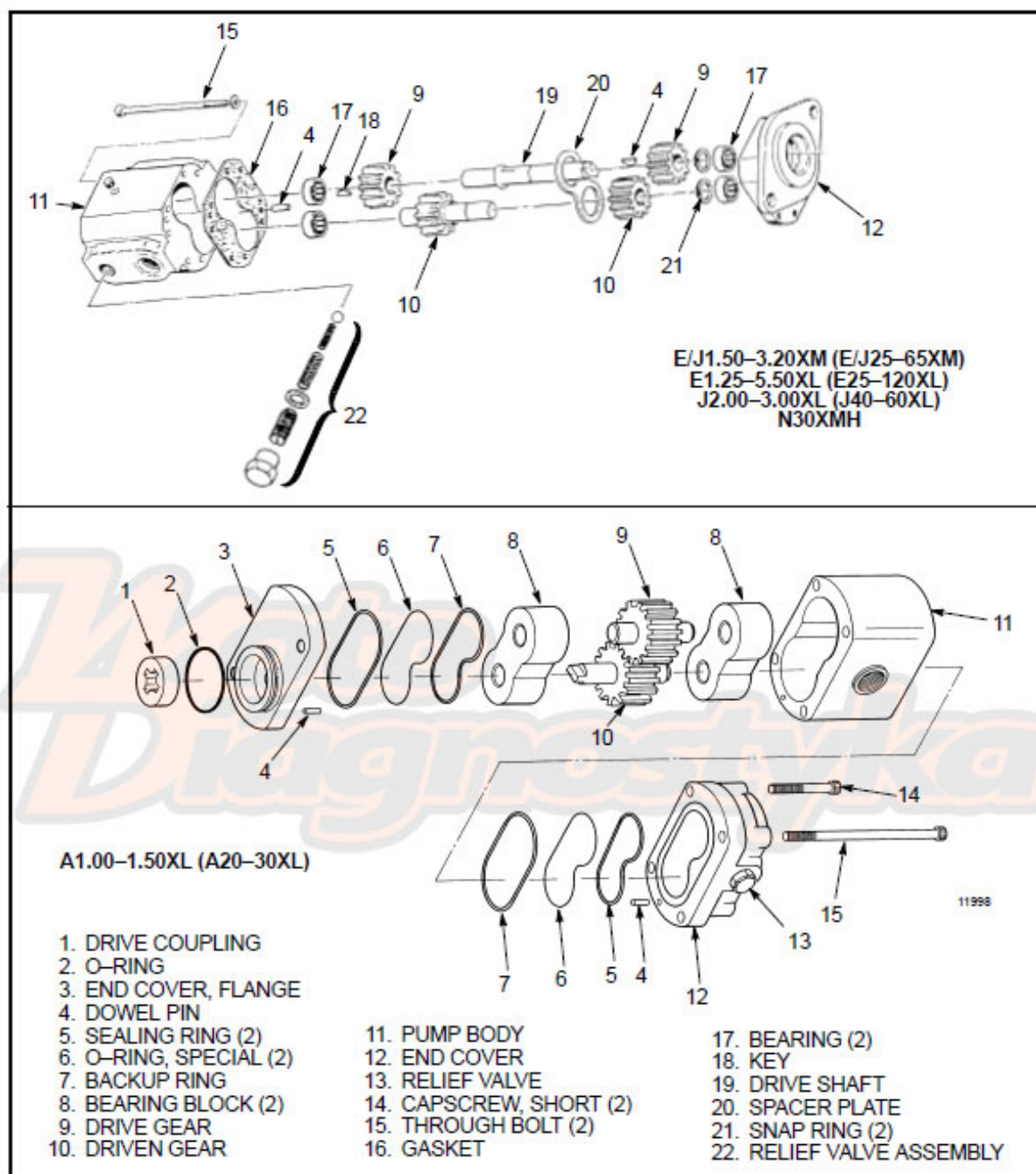


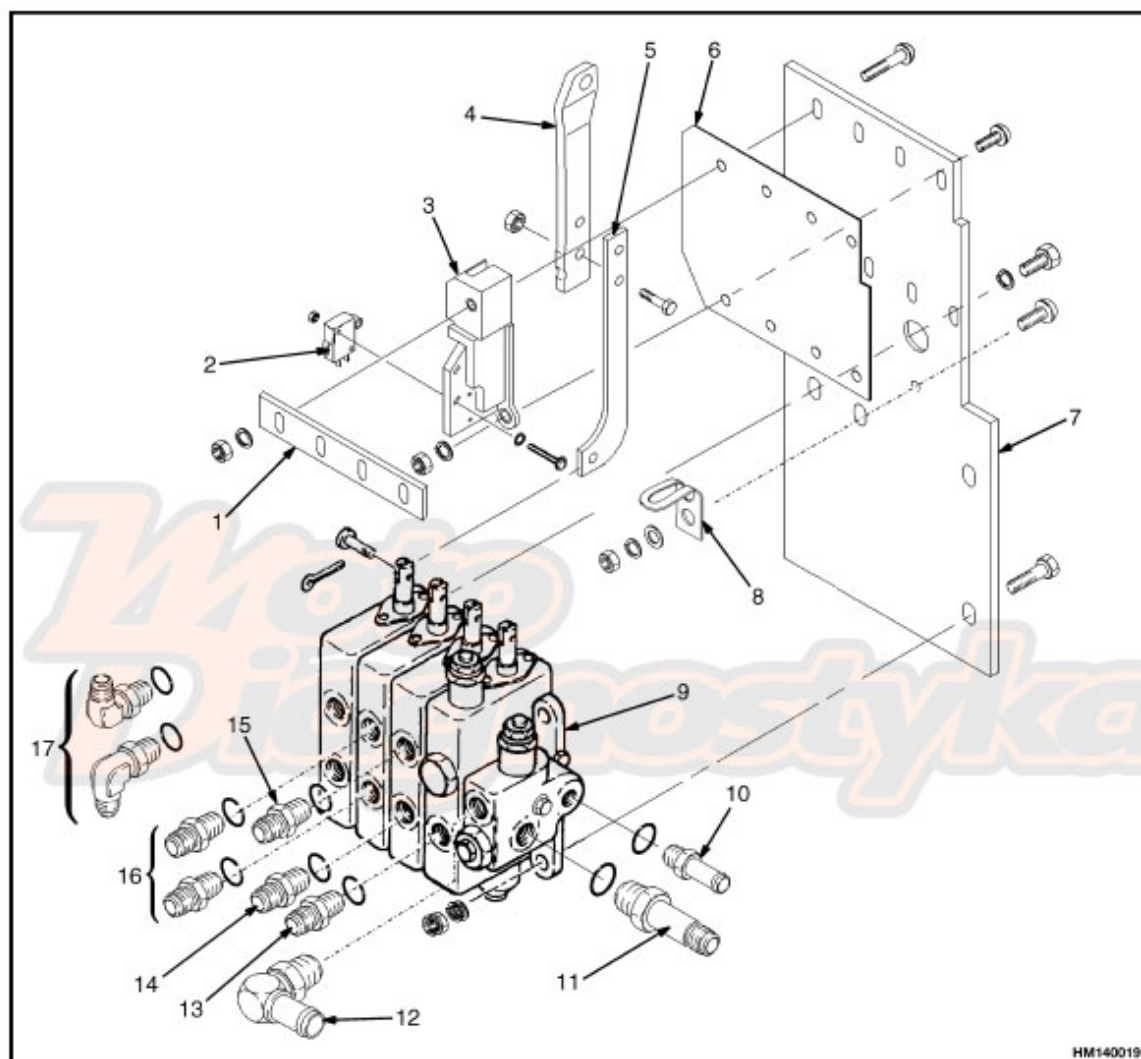
FIGURE 10. POWER STEERING PUMP

REPAIRS, POWER STEERING PUMP

Seals that are worn or damaged are the most common cause of pump repair. The pump bearings, gears, and shafts also wear. Most service persons do not repair a worn pump. The cost of repairs can be greater than the

cost of a new pump. The seals can be replaced in the hydraulic pump. Replace a hydraulic pump that is worn or damaged.

The power steering pump is a single section gear pump that is fastened to the power steering motor. The inlet



HM140019

- | | |
|------------------------------|--|
| 1. CLAMP | 10. CIRCUIT STEERING FITTING |
| 2. SWITCH | 11. INLET FITTING |
| 3. GUIDE/SWITCH MOUNT | 12. OUTLET FITTING |
| 4. UPPER LINK | 13. LIFT CYLINDERS FITTING |
| 5. LOWER LINK | 14. ROD END OF TILT CYLINDERS FITTING |
| 6. SWITCH PAD | 15. PISTON END OF TILT CYLINDERS FITTING |
| 7. CONTROL VALVE MOUNT PLATE | 16. THIRD FUNCTION FITTINGS |
| 8. FLOOR PLATE MOUNT | 17. FOURTH FUNCTION FITTINGS |
| 9. CONTROL VALVE | |

Figure 6. Control Valve Mounting for E1.50-3.20XM (E25-65XM, E25-65XM₂) [D114, F108], E1.50-2.00XM (E25-35Z, E40ZS) [E114], and E2.00-3.20XM (E45-65Z) [G108] Lift Trucks

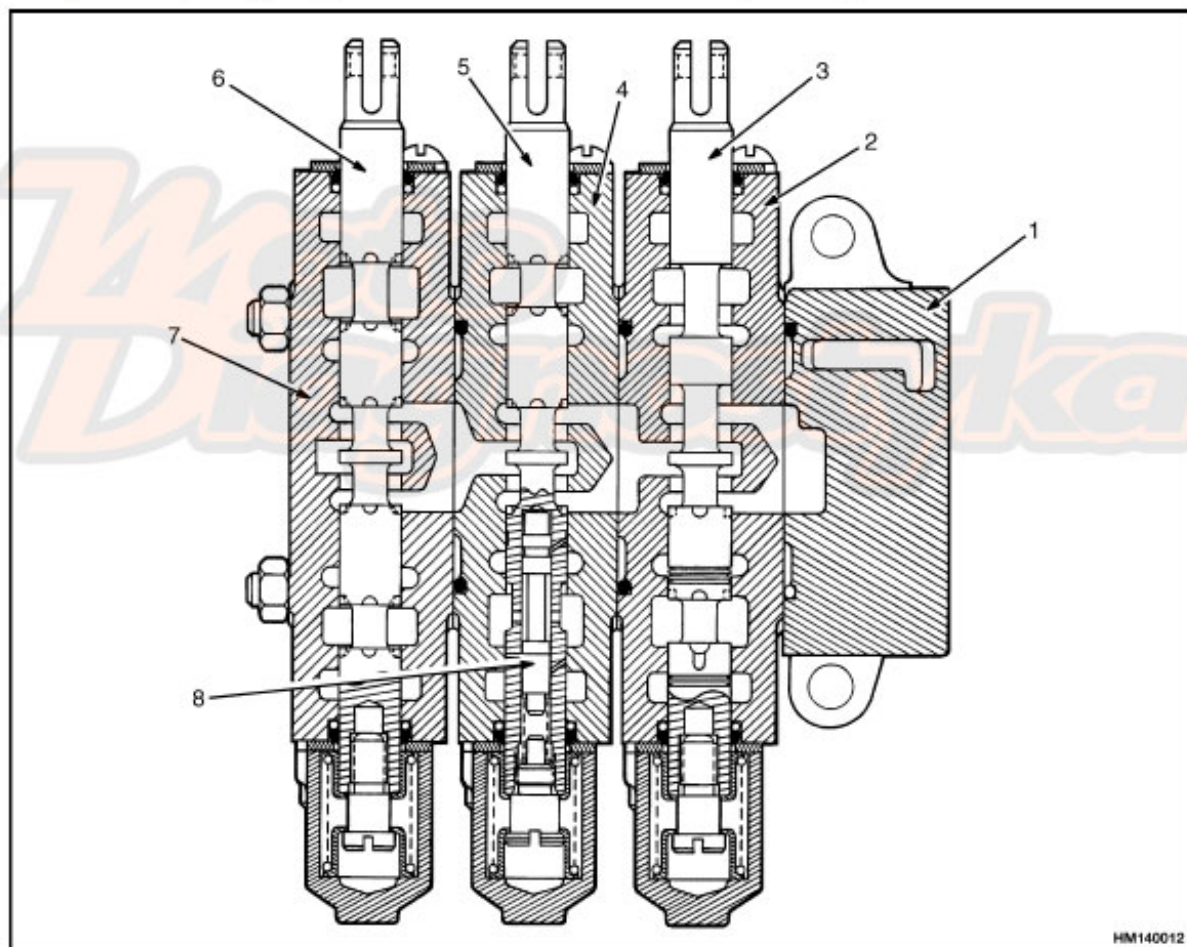
General

This section has a description and the repair procedures for the main control valve and the linkage arrangement.

Description

The main control valve controls the operation of the lift, tilt, and auxiliary cylinders. The main control valve is installed to the right of the operator, below the floor plate. The main control valve has the following sections (see Figure 1):

- Inlet section with the primary relief valve
- Lift and lower section with the secondary relief valve
- Tilt section
- Auxiliary section(s)



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1. INLET SECTION
2. LIFT SECTION
3. LIFT/LOWER SPOOL
4. TILT SECTION

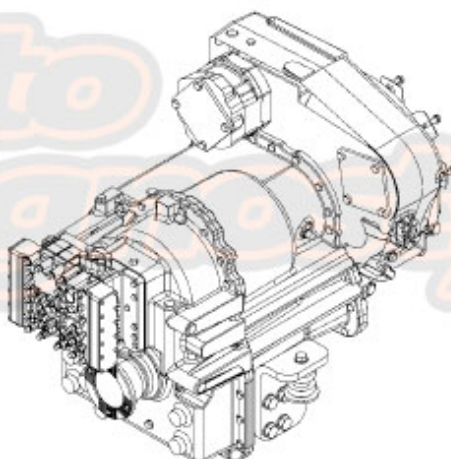
5. TILT SPOOL
6. AUXILIARY SPOOL
7. AUXILIARY SECTION
8. TILT CONTROL SPOOL

Figure 1. Main Control Valve

TRANSMISSION

REPAIR

H25-32XM-12, H28XM-16CH,
H32XM-16CH, H25-32XMS-9
(H550-700HD, H550-700HDS) [F008];
H25-32XM-12, H25-30XMS-9
(H550-700HD, H550-700HDS) [G008]



HYSTER

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