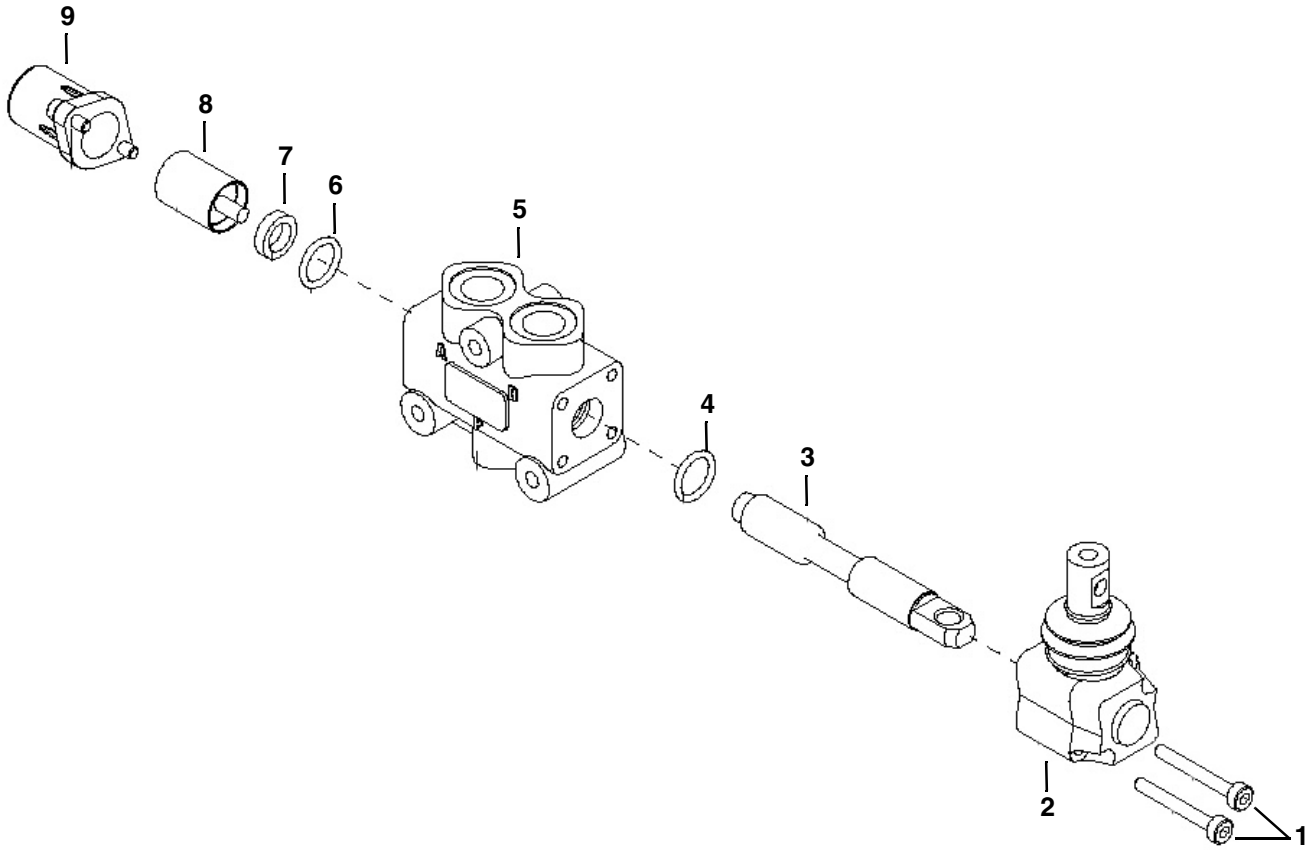


SINGLE INLET MODE SELECT VALVE (CONT'D)

Parts Identification (S/N 520612036 & Below)



- 1. Bolt
- 2. Control Lever Box
- 3. Spool
- 4. O-ring
- 5. Valve Body
- 6. O-ring
- 7. Ring
- 8. Spool Control
- 9. End Cap

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SINGLE INLET MODE SELECT VALVE (CONT'D)

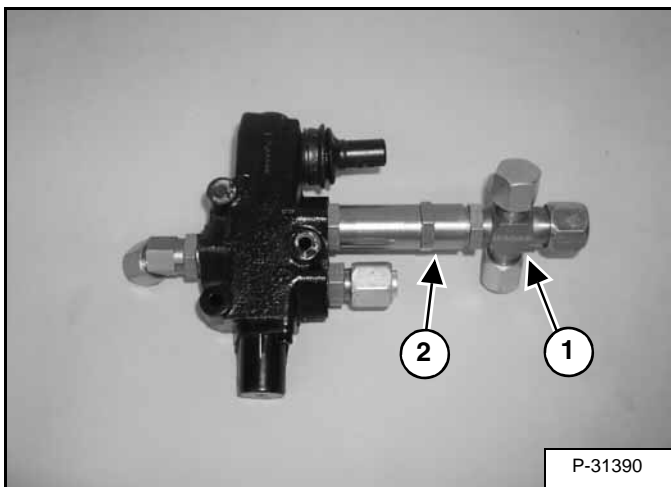
Disassembly And Assembly (S/N 520612036 & Below)

IMPORTANT

When repairing hydrostatic and hydraulic systems, clean the work area before disassembly and keep all parts clean. Always use caps and plugs on hoses, tubelines and ports to keep dirt out. Dirt can quickly damage the system.

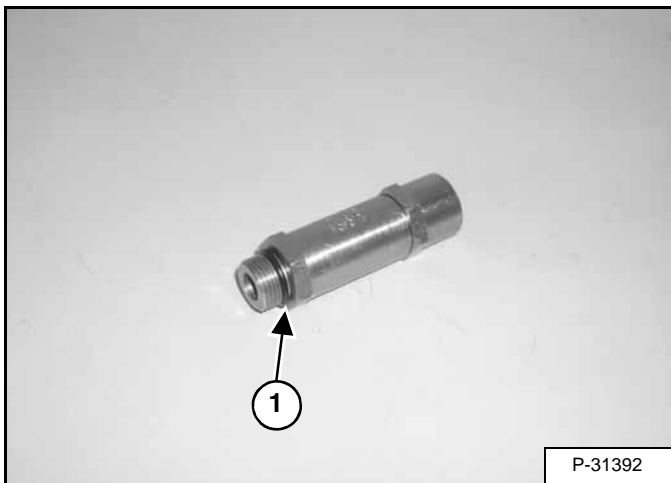
I-2003-0888

Figure 20-110-4



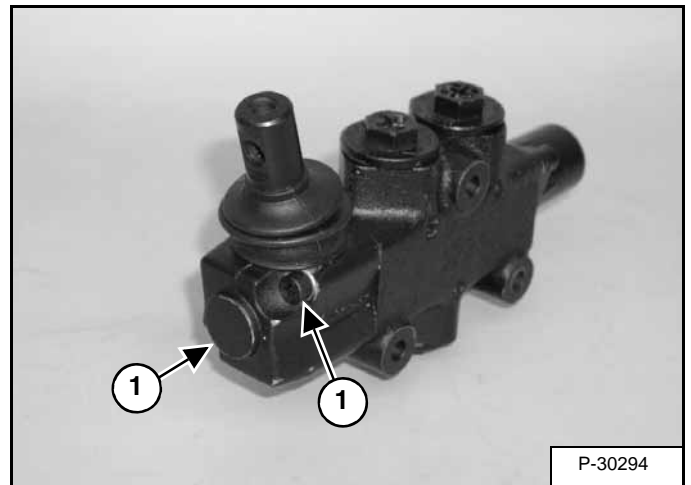
Remove the tee fitting (Item 1) [Figure 20-110-4] from the check valve (Item 2) [Figure 20-110-4].

Figure 20-110-5



Check the O-ring (Item 1) [Figure 20-110-5] for damage. Replace as needed.

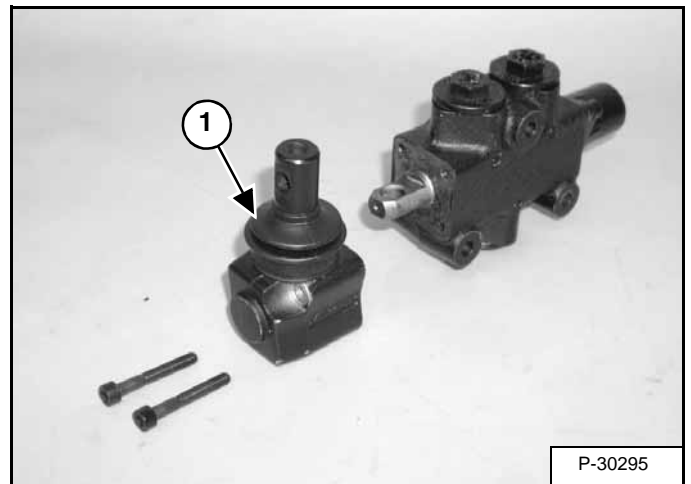
Figure 20-110-6



Remove the two bolts (Item 1) [Figure 20-110-6] from the single inlet mode select valve body.

Installation: Tighten the bolts to 4.9 ft.-lbs. (6,6 Nm) torque.

Figure 20-110-7

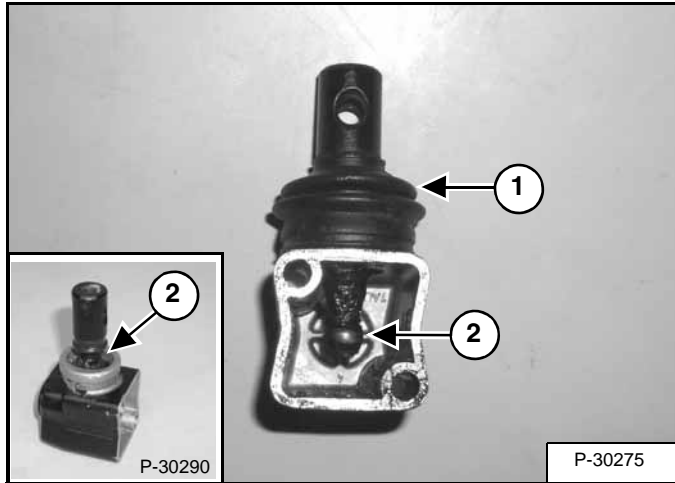


Remove the control lever box (Item 1) [Figure 20-110-7].

SINGLE INLET MODE SELECT VALVE (CONT'D)

Disassembly And Assembly (S/N 520612036 & Below) (Cont'd)

Figure 20-110-8

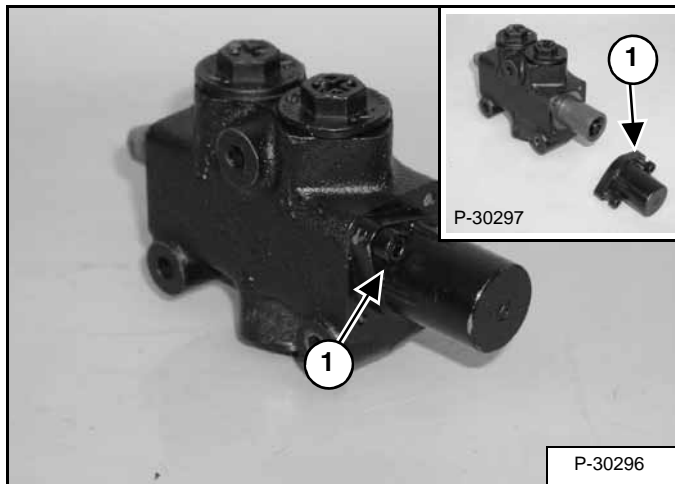


Inspect the control lever box for wear or damage [Figure 20-110-8]. Replace as needed.

Remove the boot (Item 1) [Figure 20-110-8] from the lever shaft.

Installation: The ball and socket (Item 2) [Figure 20-110-8] should be greased to prevent wear.

Figure 20-110-9

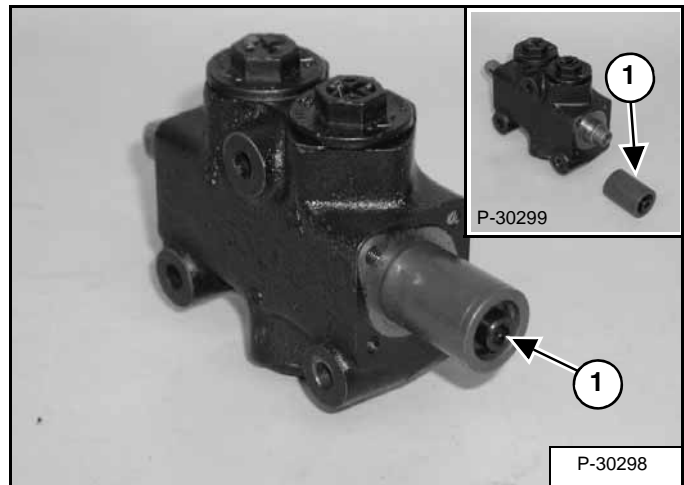


Loosen the two bolts (Item 1) [Figure 20-110-9].

Remove the end cap and bolt assembly (Item 2) [Figure 20-110-9] from the valve body.

Installation: Tighten the bolts to 4.9 ft.-lbs. (6,6 Nm) torque.

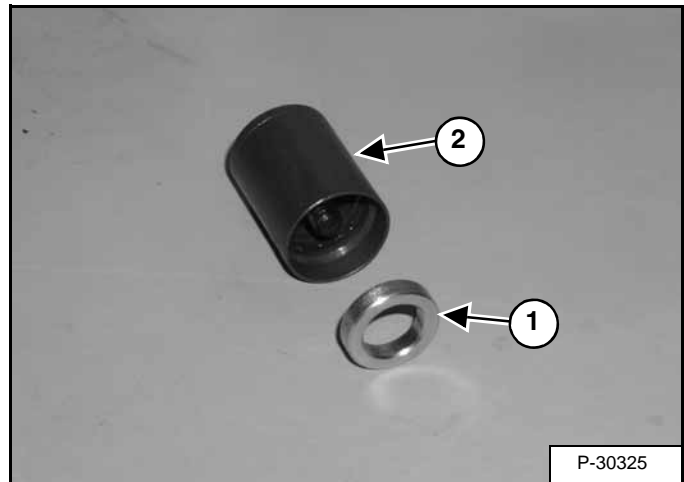
Figure 20-110-10



Loosen the bolt (Item 1) [Figure 20-110-10] and remove the spool control assembly (Item 2) [Figure 20-110-10] from the end of the spool.

Installation: Tighten the bolt to 17.7 ft.-lbs. (24 Nm) torque. Apply liquid adhesive (LOCTITE 542) to the bolt.

Figure 20-110-11



Remove the ring (Item 1) [Figure 20-110-11] from the spool control assembly (Item 2) [Figure 20-110-11].

Inspect the spool control assembly and ring. Replace as needed.

SINGLE INLET MODE SELECT VALVE (CONT'D)

Disassembly And Assembly (S/N 520612036 & Below) (Cont'd)

Figure 20-110-12

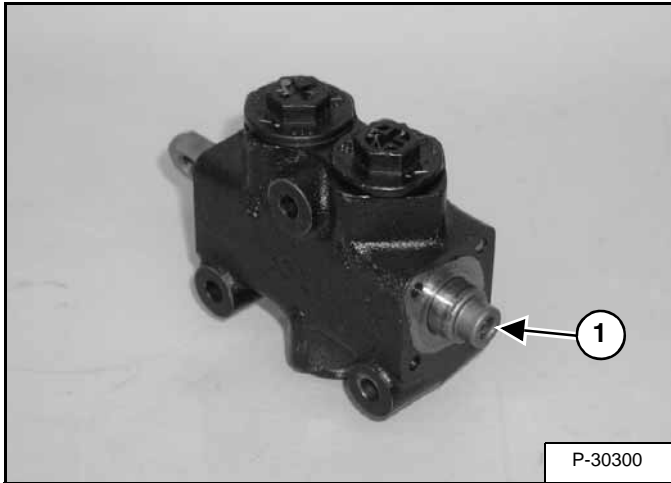
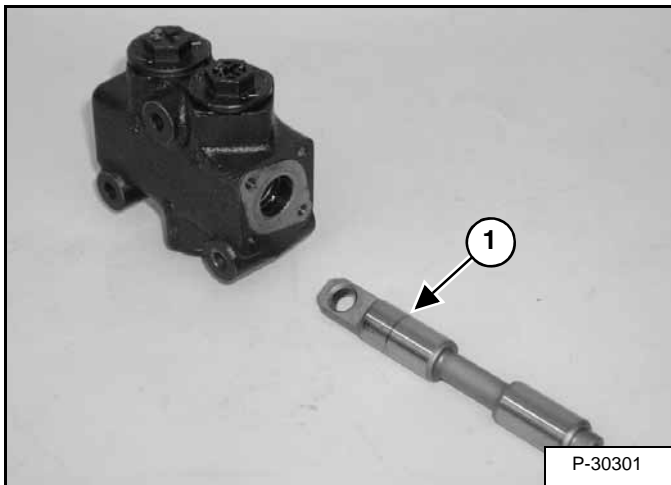


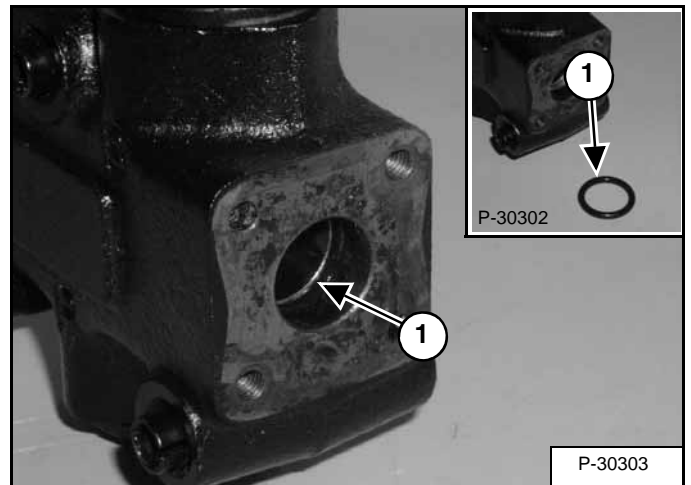
Figure 20-110-13



Remove the spool (Item 1) [Figure 20-110-12] & [Figure 20-110-13] from the valve body.

Inspect the spool (Item 1) [Figure 20-110-13] for wear or damage.

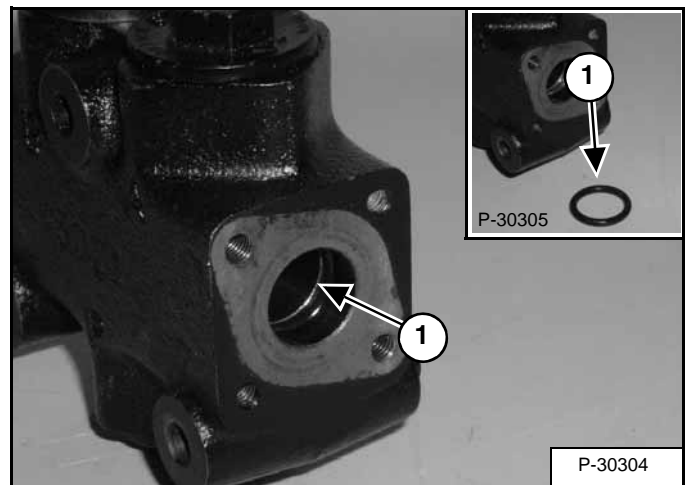
Figure 20-110-14



Remove the O-ring (Item 1) [Figure 20-110-14] from the end of the valve body.

Inspect and replace as needed.

Figure 20-110-15



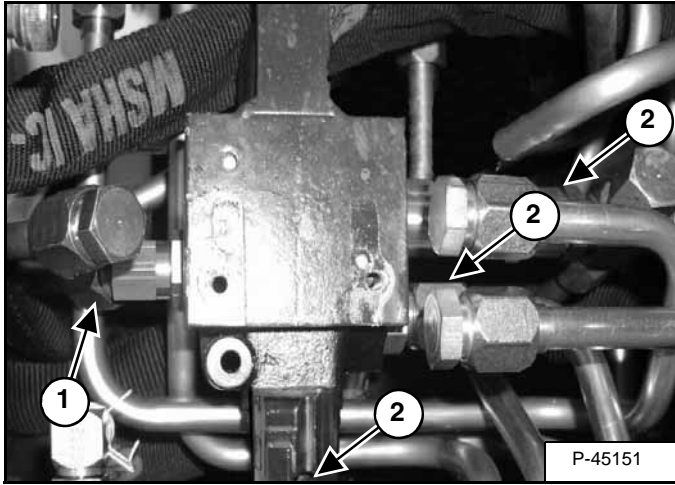
Remove the O-ring (Item 1) [Figure 20-110-15] from the other end of the valve body.

Inspect and replace as needed.

SINGLE INLET MODE SELECT VALVE (CONT'D)

Removal And Installation (S/N 520612037 & Above)

Figure 20-110-16



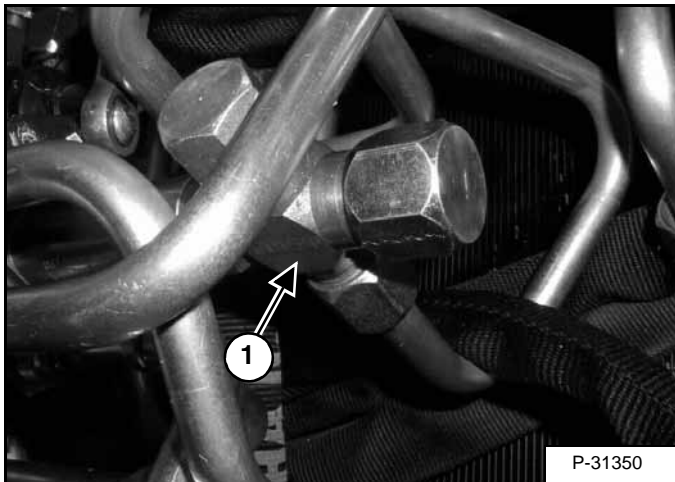
Remove the dual inlet mode select valve. (See Removal And Installation (S/N 520612036 & Below) on Page 20-120-1 or See Removal And Installation (S/N 520612037 & Above) on Page 20-120-6)

Mark all tubelines for ease of assembly.

Disconnect and cap the tubelines (Item 1) [Figure 20-110-16] from the valve.

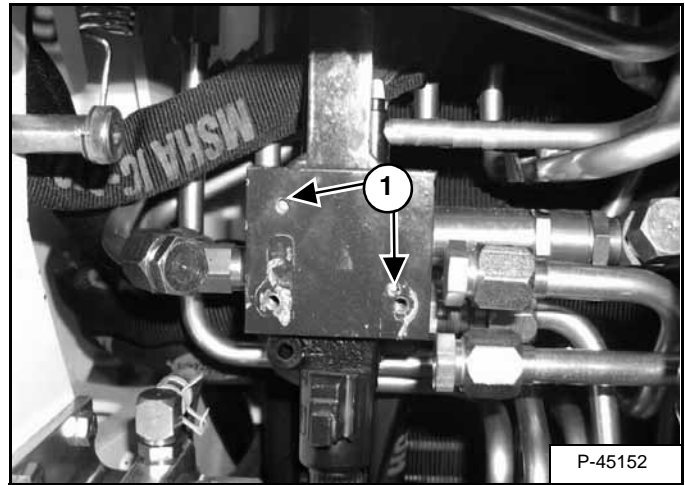
Disconnect the wire connector (Item 2) [Figure 20-110-16] from the solenoid.

Figure 20-110-17



Disconnect and cap the tubeline (Item 1) [Figure 20-110-17] from the cross fitting.

Figure 20-110-18



Remove the two mounting bolts (Item 1) [Figure 20-110-18] from the other side of the valve.

Remove the valve from the loader.