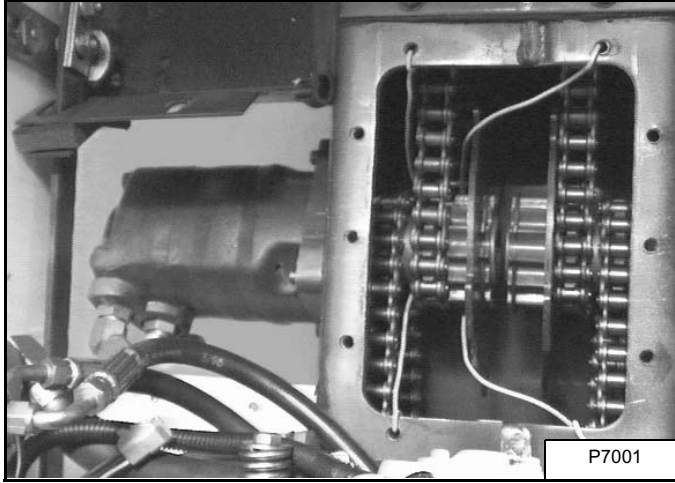


HYDROSTATIC MOTOR (CONT'D)

Removal And Installation (Cont'd)

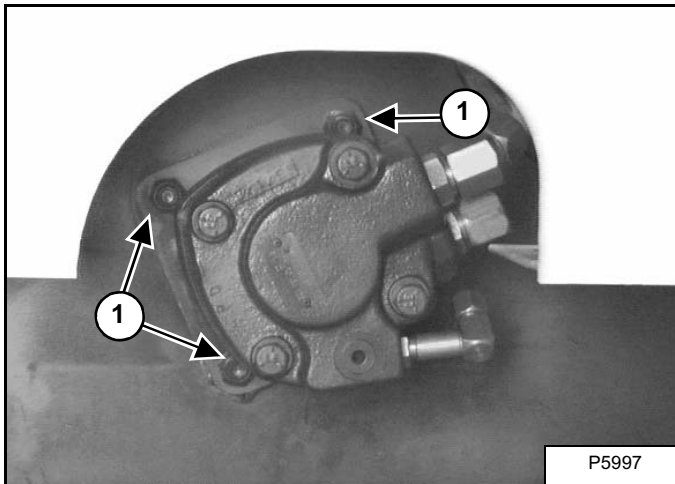
Figure 30-40-4



Use coated electrical wire to support the sprocket, chains and brake disc [Figure 30-40-4].

The wire will keep the assembly from falling down and will also make drive motor installation easier.

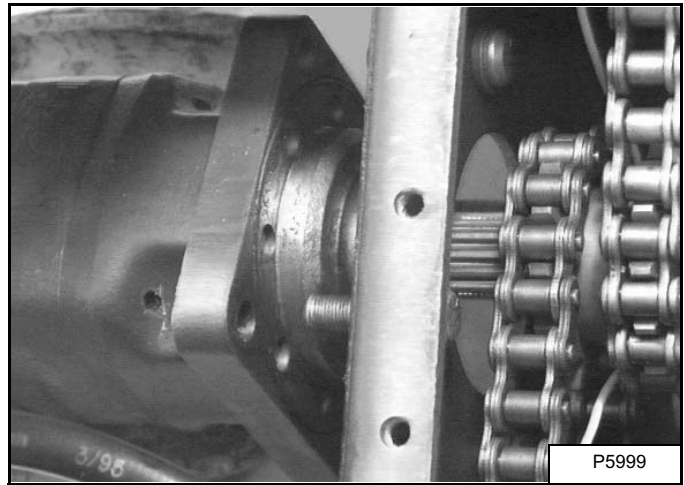
Figure 30-40-5



Remove the four mounting bolts (Item 1) [Figure 30-40-5] from the drive motor.

Installation: Tighten the mounting bolts to 65-70 ft.-lbs. (89-94 Nm) torque.

Figure 30-40-6

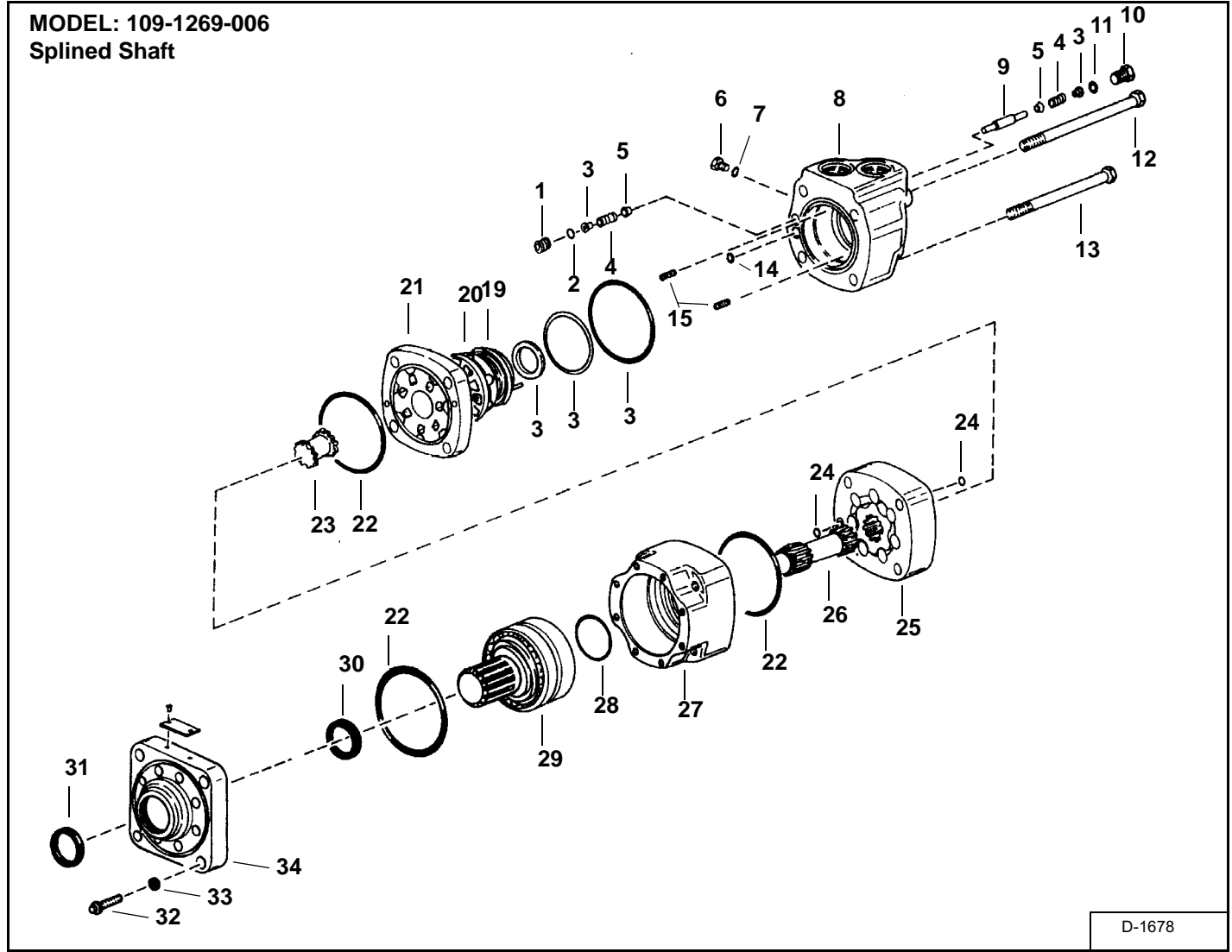


Remove the drive motor from the loader [Figure 30-40-6].

Reverse the removal procedure to install the drive motor in the loader.

HYDROSTATIC MOTOR (CONT'D)

Parts Identification



D-1678

MODEL: 553

Ref.	Description	Ref.	Description
1.	PLUG	19.	PLATE
2.	O-RING	20.	VALVE
3.	SHUTTLE	21.	PLATE, valve
4.	SPRING	22.	O-RING
5.	POPPET	23.	SHAFT
6.	PLUG	24.	O-RING
7.	O-RING	25.	GEROLER
8.	HOUSING	26.	SHAFT
9.	PISTON	27.	HOUSING, bearing
10.	O-RING	28.	SEAL
11.	PLUG	29.	SHAFT & BEARING
12.	BOLT	30.	SEAL, shaft
13.	BOLT	31.	SEAL, dust
14.	O-RING	32.	BOLT
15.	SPRING	33.	WASHER
16.	O-RING	34.	COVER, front
17.	SEAL, outer		
18.	SEAL, inner		

HYDROSTATIC MOTOR (CONT'D)

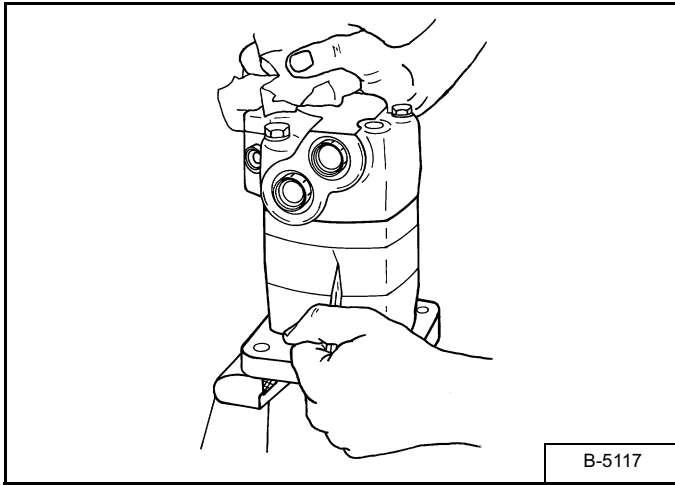
Disassembly And Assembly

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.

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Figure 30-40-7



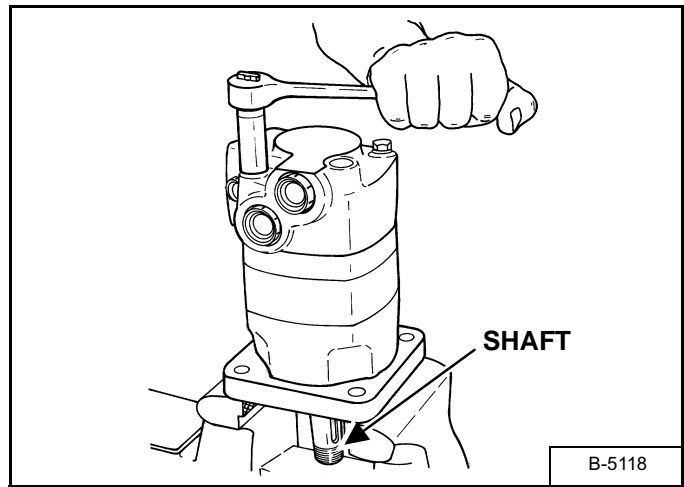
NOTE: The illustrations may differ slightly from the motor that you are working on, but the procedure is the same.

The tools listed will be needed to do the following procedure:

MEL1187 - Socket
MEL1015 - Seal Tool

Put a mark across the motor sections for correct assembly [Figure 30-40-7].

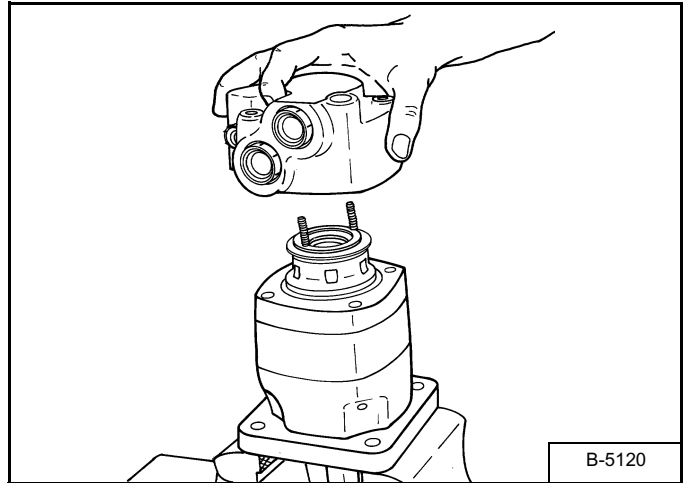
Figure 30-40-8



Remove the four bolts from the motor [Figure 30-40-8].

Assembly: Tighten the bolts to 50 ft.-lbs. (68 Nm) torque.

Figure 30-40-9



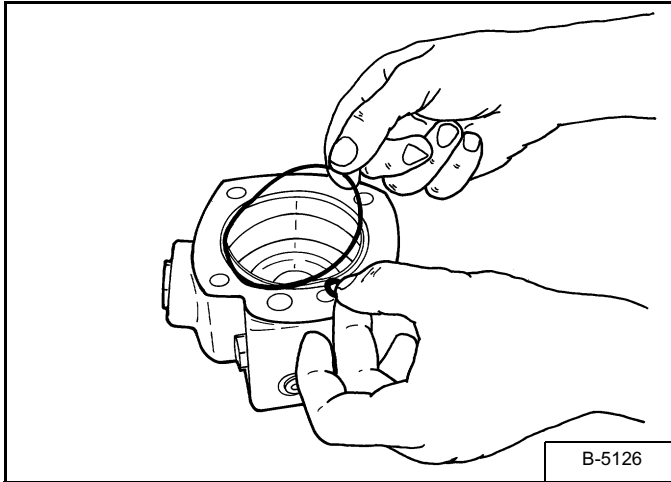
Lift the valve housing straight up [Figure 30-40-9]. If done carefully, the springs and balance plate will stay on the valve.

NOTE: See Inspection on Page 30-40-11 for the correct installation of the housing and the balance plate.

HYDROSTATIC MOTOR (CONT'D)

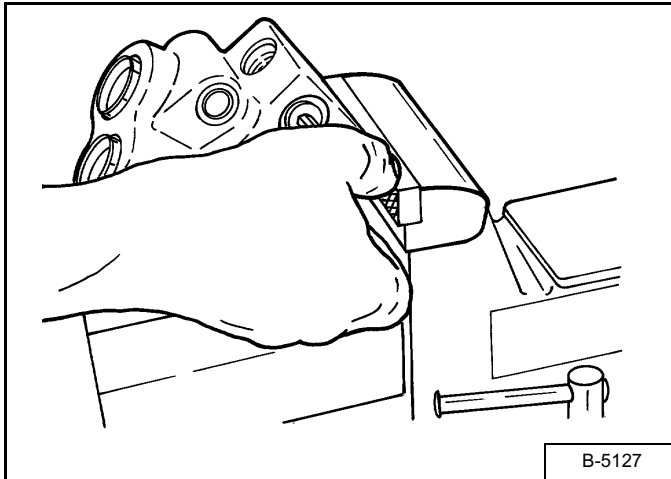
Disassembly And Assembly (Cont'd)

Figure 30-40-10



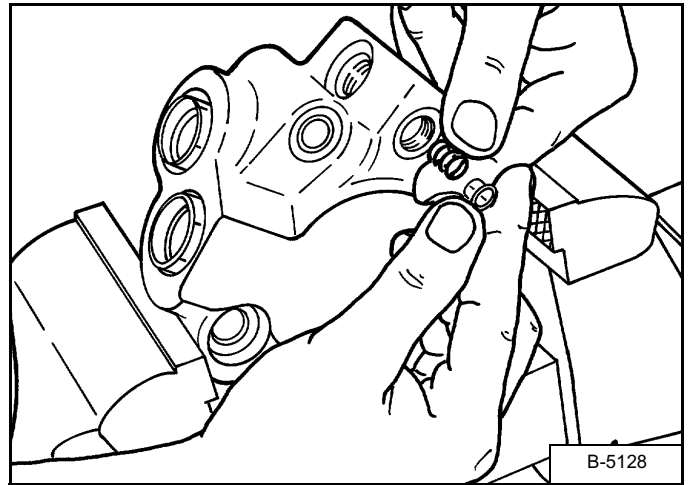
Remove the large and small O-rings [Figure 30-40-10].

Figure 30-40-11



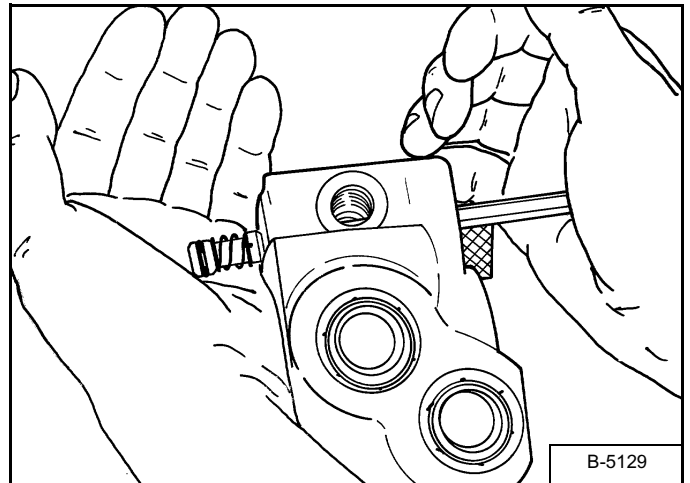
Remove the plug at the valve housing [Figure 30-40-11].

Figure 30-40-12



Remove the spring, shuttle and poppet [Figure 30-40-12].

Figure 30-40-13



Use a punch, remove the poppet, spring, O-ring, shuttle and plug [Figure 30-40-13].