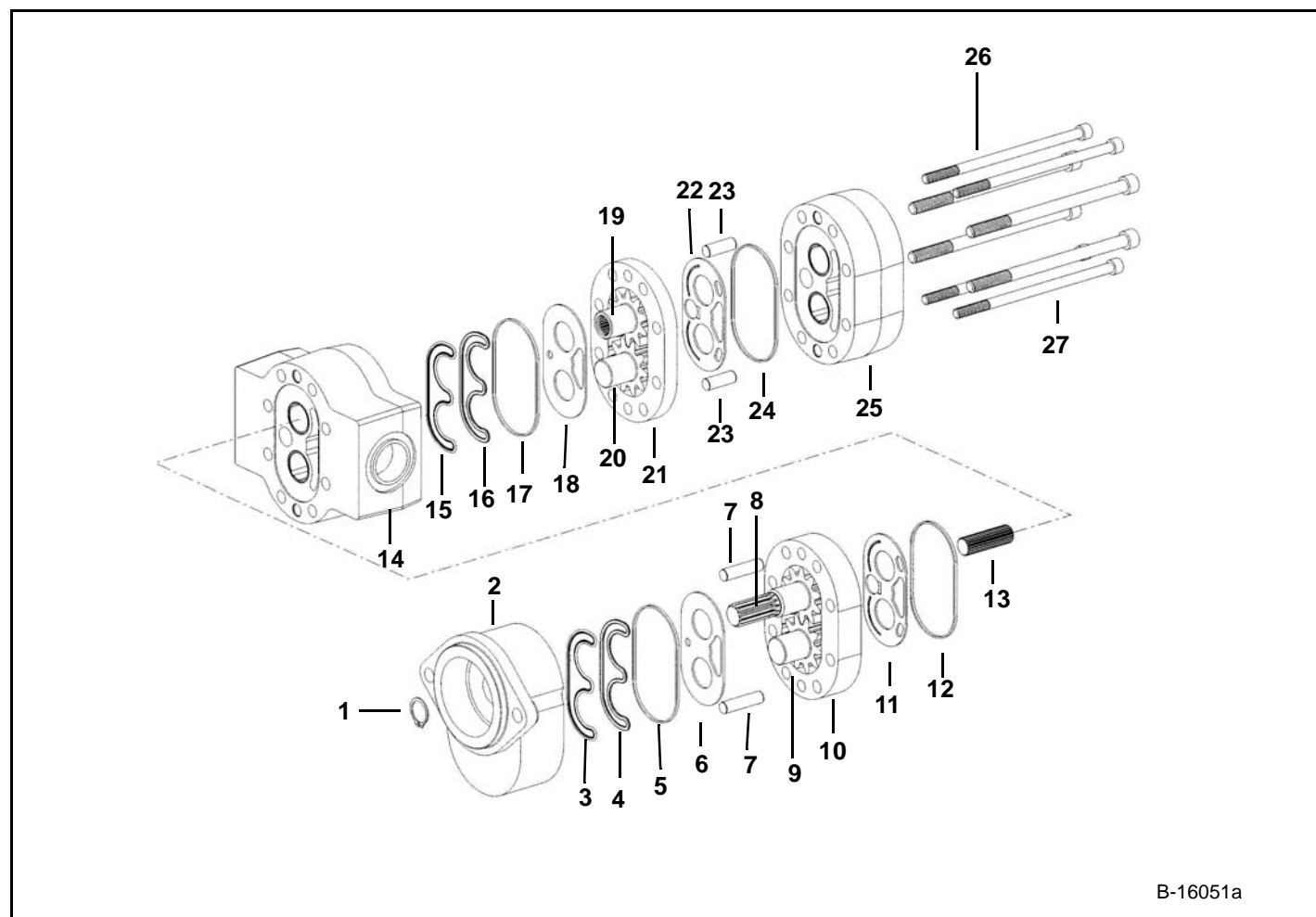


HYDRAULIC PUMP (HI FLOW) (CONT'D)

Identification



B-16051a

REF. DESCRIPTION

1	RETAINING RING
2	PUMP END SECTION
3	PRE-LOAD SEAL
4	LOAD SEAL
5	SECTION SEAL
6	WEAR PLATE
7	PINS
8	DRIVE GEAR
9	IDLER GEAR
10	PUMP SECTION
11	WEAR PLATE
12	SECTION SEAL
13	SPLINE SHAFT

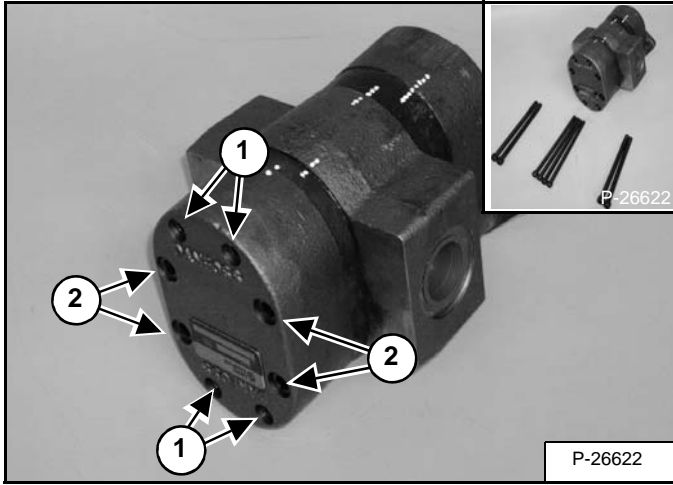
REF. DESCRIPTION

14	PUMP CENTER SECTION
15	PRE-LOAD SEAL
16	LOAD SEAL
17	SECTION SEAL
18	WEAR PLATE
19	DRIVE GEAR
20	IDLER GEAR
21	PUMP SECTION
22	WEAR PLATE
23	PINS
24	SECTION SEAL
25	PUMP END SECTION
26	BOLT (4)
27	BOLT (4)

HYDRAULIC PUMP (HI FLOW) (CONT'D)

Disassembly And Assembly

Figure 20-61-11



Mark the pump sections for correct assembly [Figure 20-61-11].

Remove the four smaller pump housing bolts (Item 1) [Figure 20-61-11].

Remove the four larger pump housing bolts (Item 2) [Figure 20-61-11].

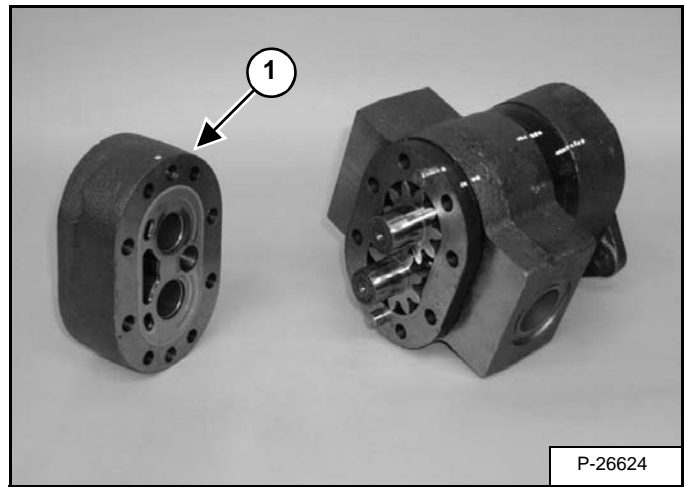
Installation: Tighten the four smaller bolts (Item 1) to 30 ft.-lb. (40,7 N•m) torque. Tighten the four larger bolts (Item 2) [Figure 20-61-11] to 54 ft.-lb. (73,2 N•m) torque.

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 20-61-12



Remove the pump end section (Item 1) [Figure 20-61-12].

HYDRAULIC PUMP (HI FLOW) (CONT'D)

Disassembly And Assembly (Cont'd)

Figure 20-61-13

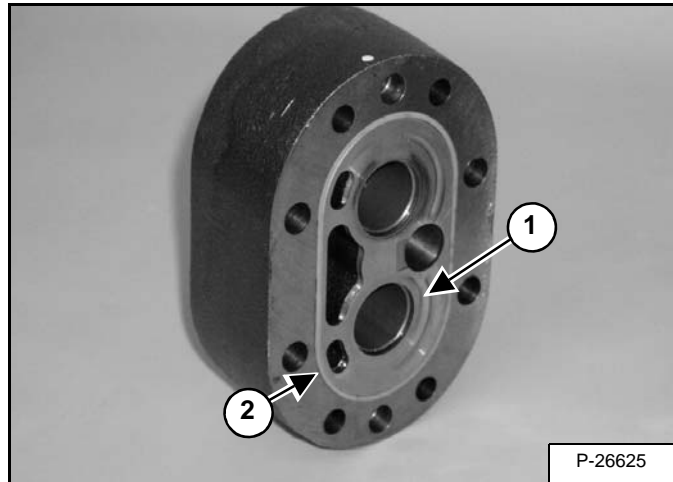
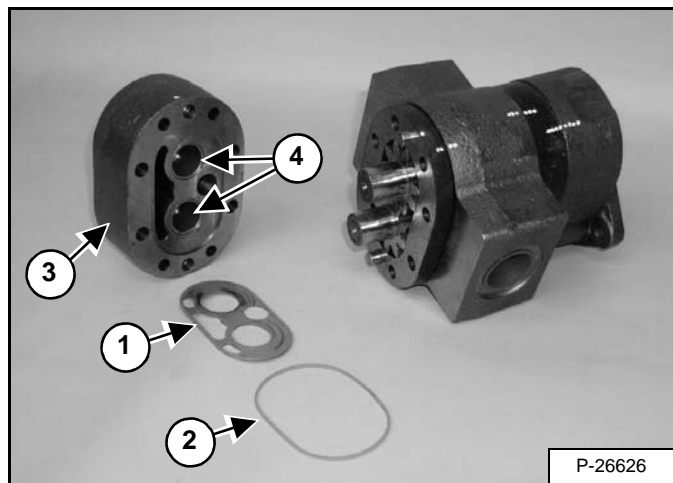


Figure 20-61-14



Remove the wear plate (Item 1) [Figure 20-61-13] and [Figure 20-61-14] and section seal (Item 2) [Figure 20-61-13] and [Figure 20-61-14] from the pump end section.

NOTE: Position wear plate (Item 1) [Figure 20-61-14] inlets and traps as shown with bronze side toward gears.

NOTE: Inspect the pump end section (Item 3) and bushings (Item 4) [Figure 20-61-14]. If excessive wear or damage is visible, the pump must be replaced.

Figure 20-61-15

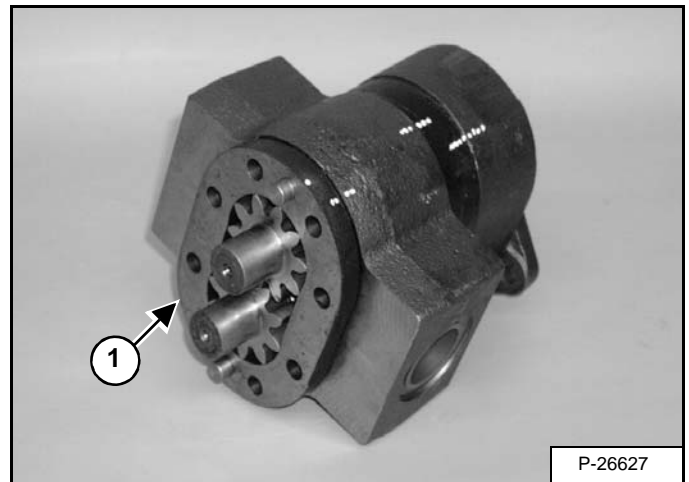
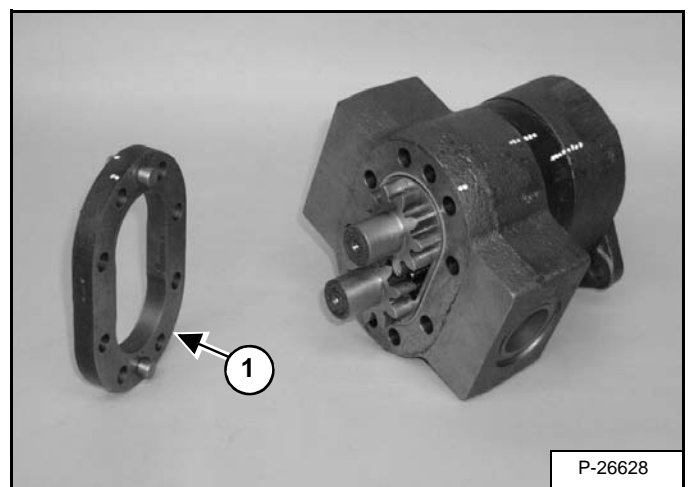


Figure 20-61-16



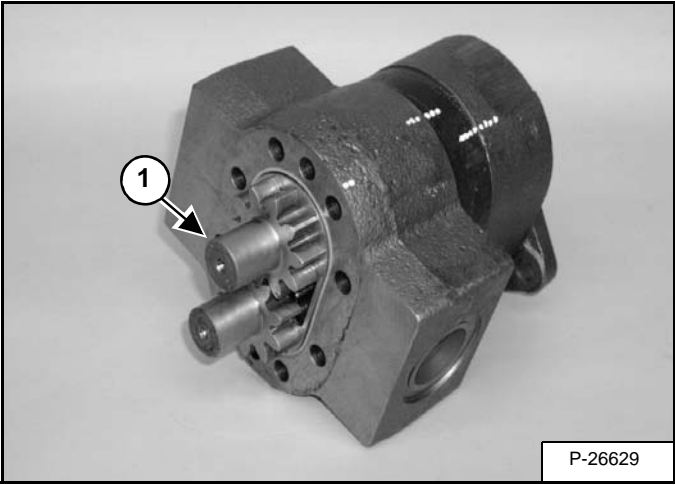
Remove the pump section (Item 1) [Figure 20-61-15] and [Figure 20-61-16] from the pump center section.

NOTE: Inspect the pumps center section (Item 1) [Figure 20-61-16]. If excessive wear or damage is visible, the pump must be replaced.

HYDRAULIC PUMP (HI FLOW) (CONT'D)

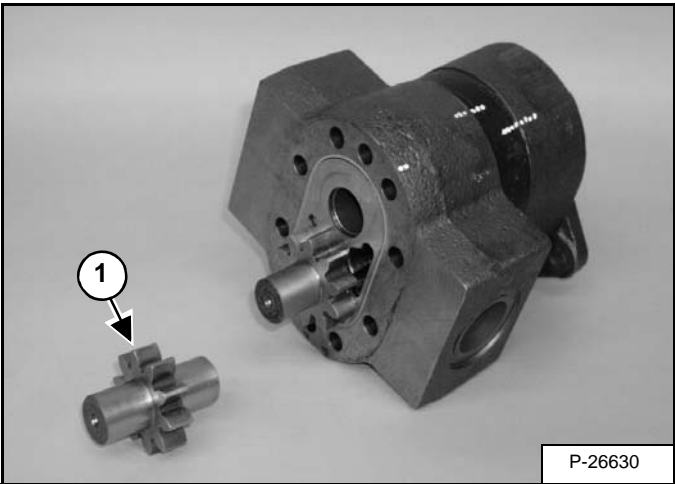
Disassembly And Assembly (Cont'd)

Figure 20-61-17



Remove the idler gear (Item 1) [Figure 20-61-17] and [Figure 20-61-18].

Figure 20-61-18



NOTE: Inspect the idler gear (Item 1) [Figure 20-61-18]. If excessive wear or damage is visible, the pump must be replaced.

Figure 20-61-19

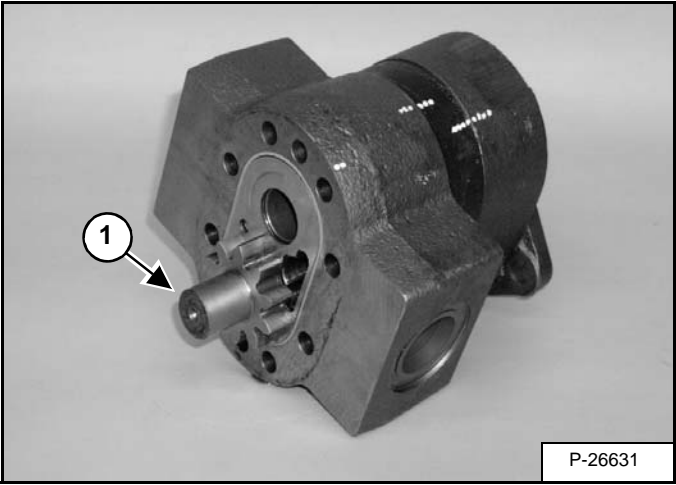
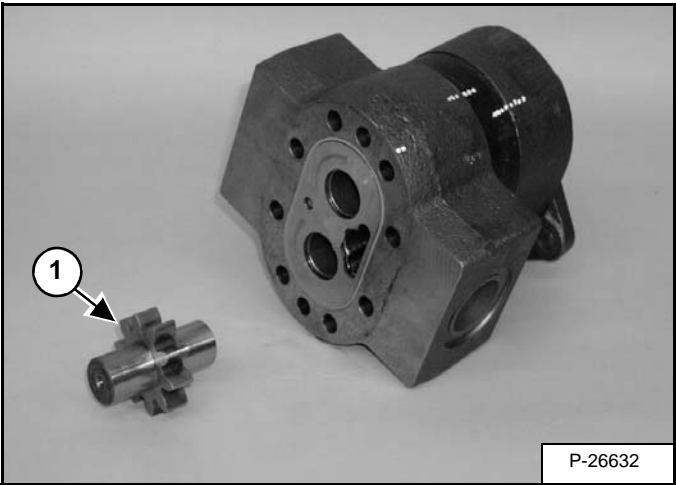


Figure 20-61-20



Remove the drive gear (Item 1) [Figure 20-61-19] and [Figure 20-61-20].

NOTE: Inspect the drive gear (Item 1) [Figure 20-61-20]. If excessive wear or damage is visible, the pump must be replaced.

HYDRAULIC PUMP (HI FLOW) (CONT'D)

Disassembly And Assembly (Cont'd)

Figure 20-61-21

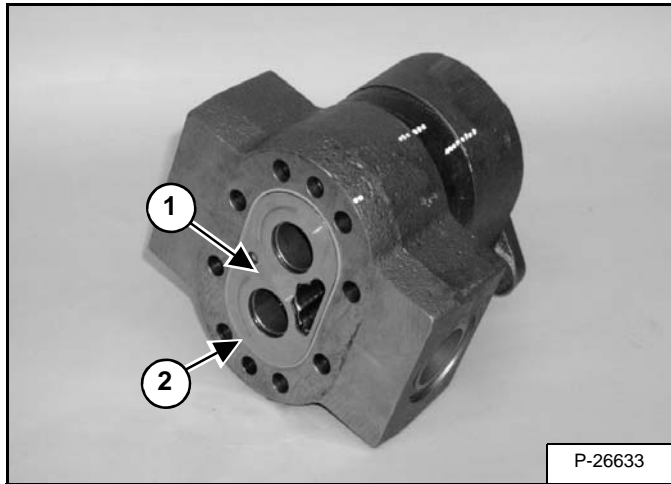
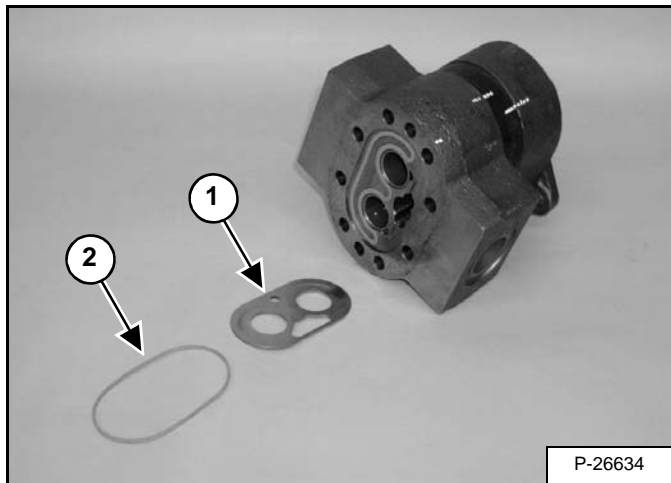


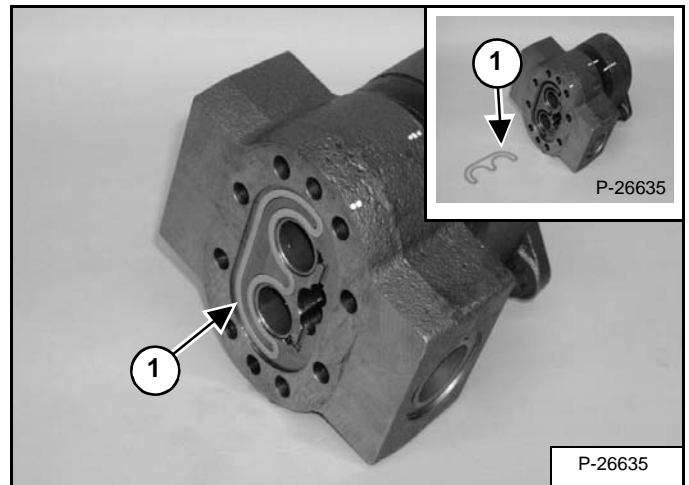
Figure 20-61-22



Remove the wear plate (Item 1) [Figure 20-61-21] and [Figure 20-61-22] and section seal (Item 2) [Figure 20-61-21] and [Figure 20-61-22] from the pump center section.

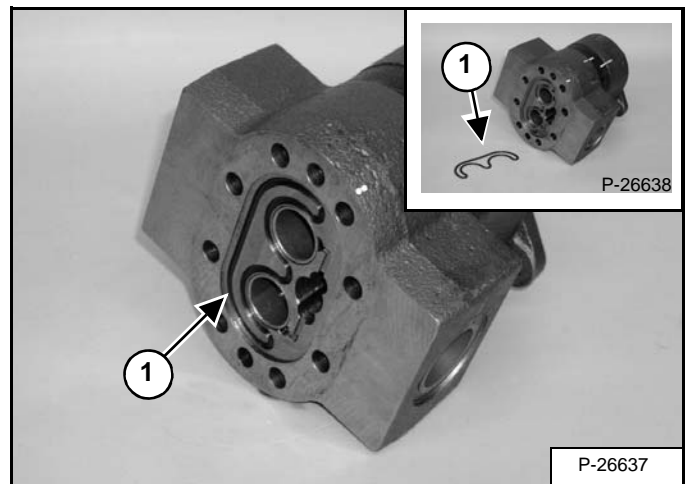
NOTE: Position wear plate (Item 1) [Figure 20-61-22] inlets and traps as shown with bronze side toward gears.

Figure 20-61-23



Remove the load seal (Item 1) [Figure 20-61-23].

Figure 20-61-24

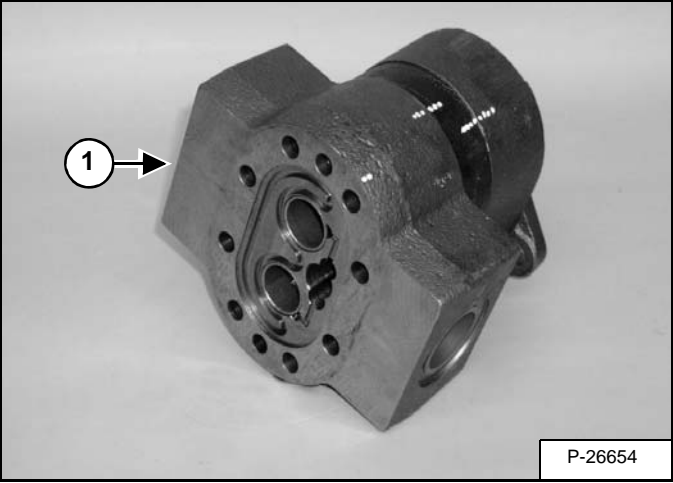


Remove the pre-load seal (Item 1) [Figure 20-61-24].

HYDRAULIC PUMP (HI FLOW) (CONT'D)

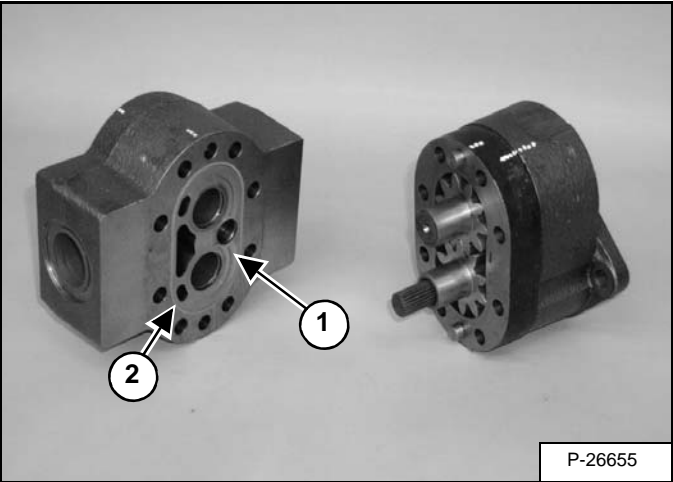
Disassembly And Assembly (Cont'd)

Figure 20-61-25



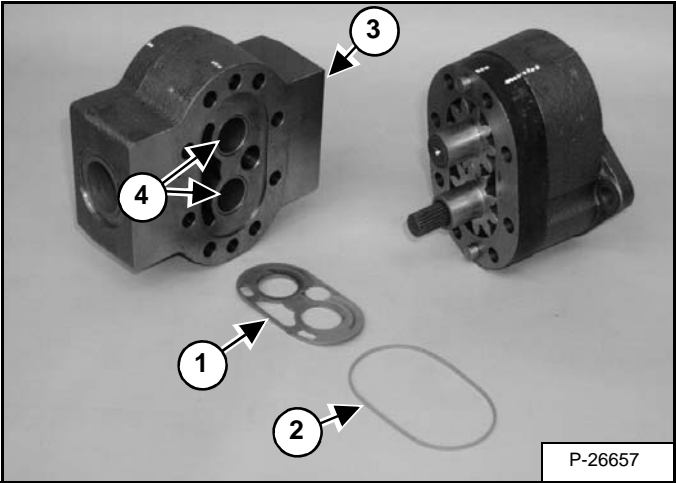
Remove the pump center section (Item 1) [Figure 20-61-25] from the pump sections.

Figure 20-61-26



Remove the wear plate (Item 1) [Figure 20-61-26] and [Figure 20-61-27] and section seal (Item 2) [Figure 20-61-26] and [Figure 20-61-27] from the pump section.

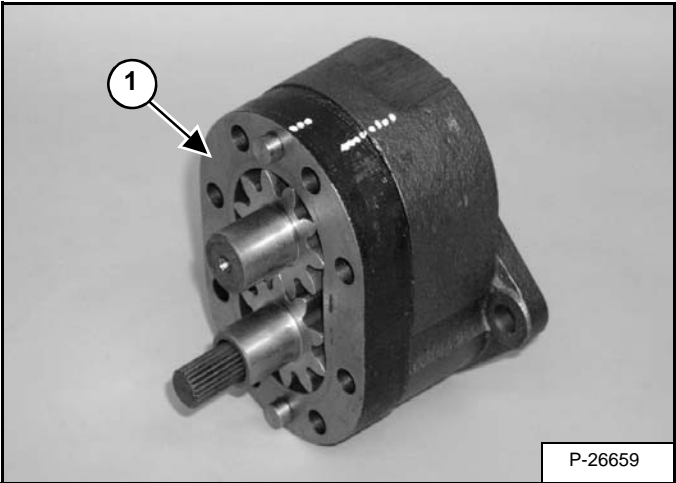
Figure 20-61-27



NOTE: Position wear plate (Item 1) [Figure 20-61-27] inlets and traps as shown with bronze side toward gears.

NOTE: Inspect the pump center section (Item 3) and bushings (Item 4) [Figure 20-61-27]. If excessive wear or damage is visible, the pump must be replaced.

Figure 20-61-28

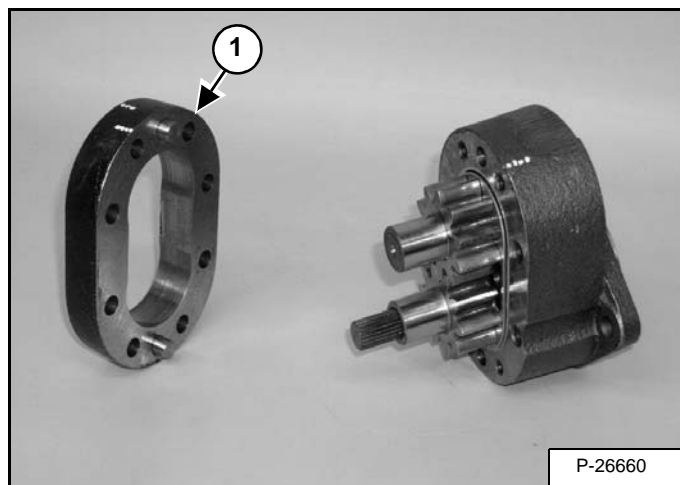


Remove the pump section (Item 1) [Figure 20-61-28] from the pump end section.

HYDRAULIC PUMP (HI FLOW) (CONT'D)

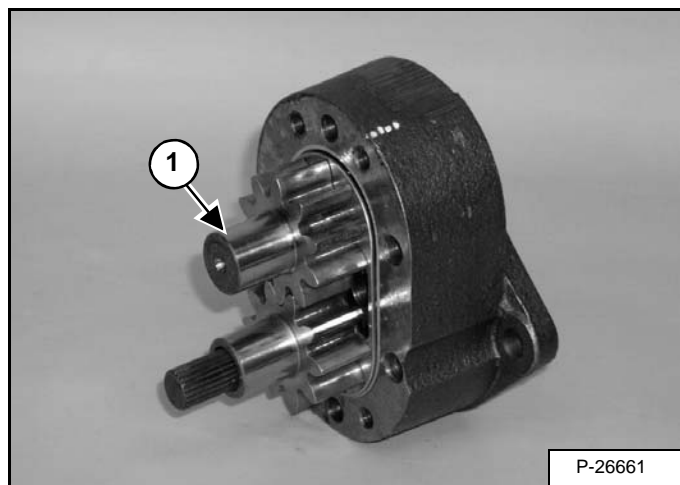
Disassembly And Assembly (Cont'd)

Figure 20-61-29



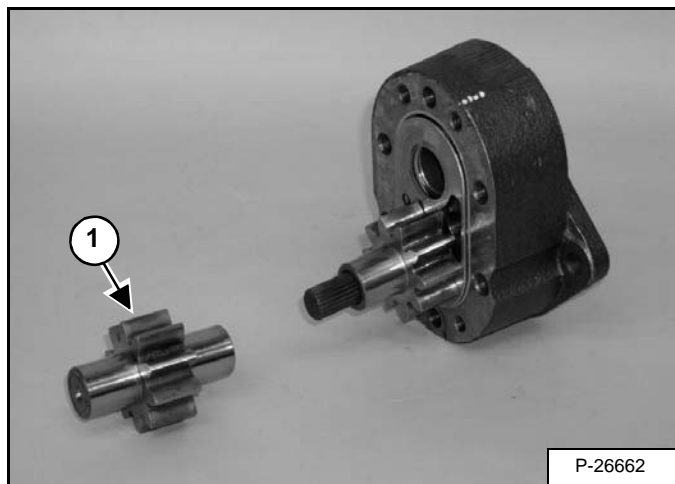
NOTE: Inspect the pump section (Item 1) [Figure 20-61-29]. If excessive wear or damage is visible, the pump must be replaced.

Figure 20-61-30



Remove the idler gear (Item 1) [Figure 20-61-30] and [Figure 20-61-31].

Figure 20-61-31



NOTE: Inspect the idler gear (Item 1) [Figure 20-61-31]. If excessive wear or damage is visible, the pump must be replaced.