Gerotor Oil Pump Service Parts — 1977 to Present

The availability of service parts for 1977 and later gerotor oil pumps has recently changed. This will have an effect on the installation of repair parts. The servicing technician must be careful to install the correct replacement parts. An incorrect matching of oil pump components could cause pump failure and related engine damage.

Only one Oil Pump Assembly, Part No. 26197-83, is now available. Used as an ASSEMBLY, this oil pump will retrofit in all Sportsters, 1977 and later.

The chamfered Feed and Return Gear Sets, Part No. 26492-75 and Part No. 26491-75, respectively, are no longer available. These style of gear sets were used in production pumps from 1977 to early 1983. (See Figure 1.)

Non-chamfered late style gear sets must be used to service earlier pumps. When non-chamfered gear sets are used, the pump body or cover must be changed as required. The use of late style gerotor gears in early style oil pump bodies and covers could cause the gears to bind and possible pump failure.

**PART NO.** | **DESCRIPTION**
--- | ---
26492-83 | Oil feed gear set (thin)
26486-75A | Oil pump cover
26491-83 | Oil return gear set (thick)
26484-75A | Oil pump body

**Figure 1. Gerotor Oil Pumps**

© 1984 Harley-Davidson Motor Co., Inc.
Late 1984 XL Transmissions

When servicing transmission components, the late 1984 alternator/clutch transmission access door utilizes two slots for removal. An alignment tool, SNAP-ON 1650, MAC LF-12, or equivalent is recommended to draw the access door from the dowel pins. (See Figure 2.)

Figure 2. Alignment Tool

Using a propane torch, carefully apply heat to the access door dowel pin area. Do not allow flame to rest on any one area for a prolonged period of time.

NOTE

Wipe oil from access door prior to heating.

See Figure 3. Insert the hook end of the tool in the removal slot. Pry alternately at both slots to evenly draw the access door from the dowel pins.

Figure 3. Access Door Removal

1. Dowel pin
2. Alignment tool
3. Access slot