

SERVICE BULLETIN



M-892

June 22, 1984

XL 1000cc ENGINES

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

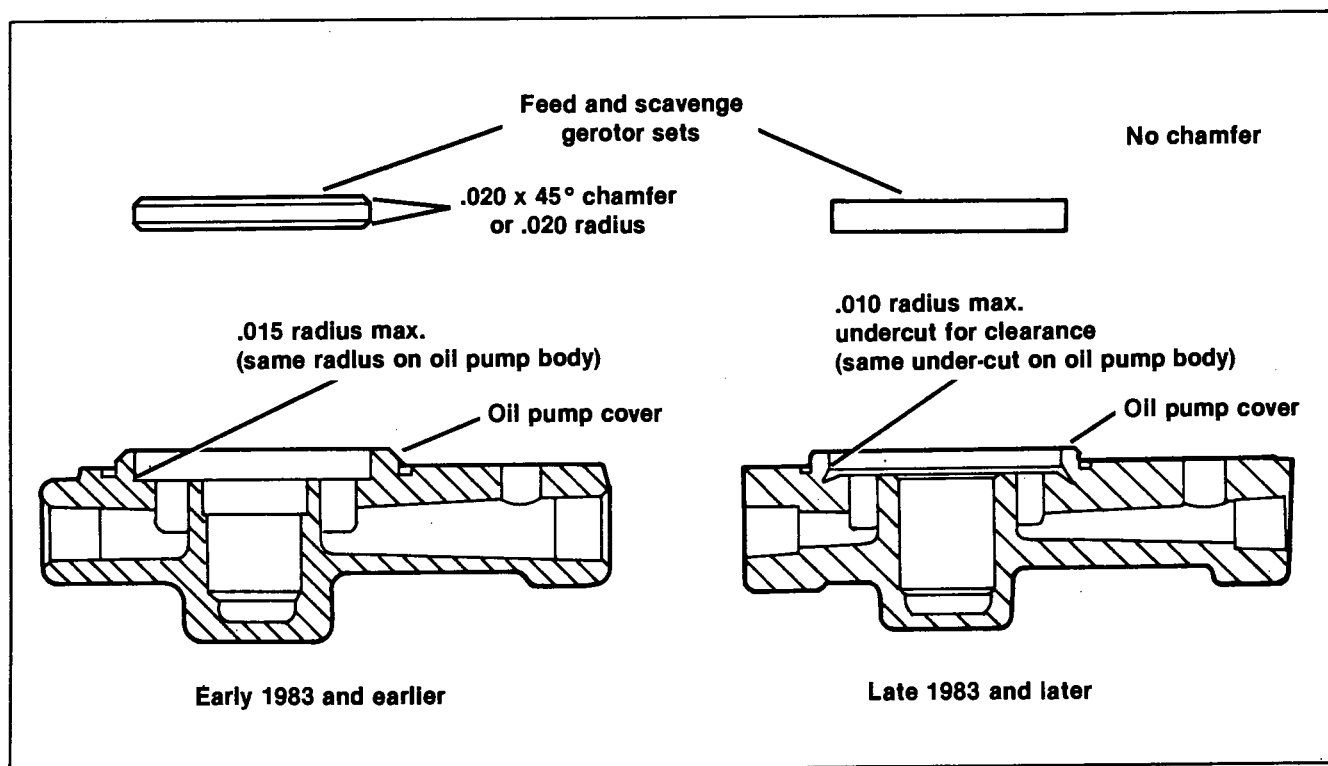
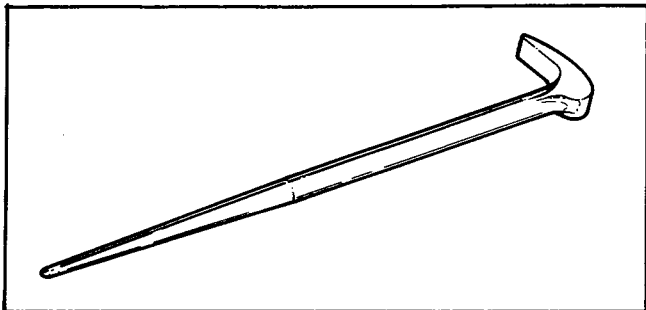


Figure 1. Gerotor Oil Pumps

ROUTING:	SERVICE MANAGER	SALES MANAGER	PARTS MANAGER	CHIEF MECHANIC	MECHANIC NO. 1	MECHANIC NO. 2	MECHANIC NO. 3	MECHANIC NO. 4	RETURN THIS TO:
INITIAL HERE									

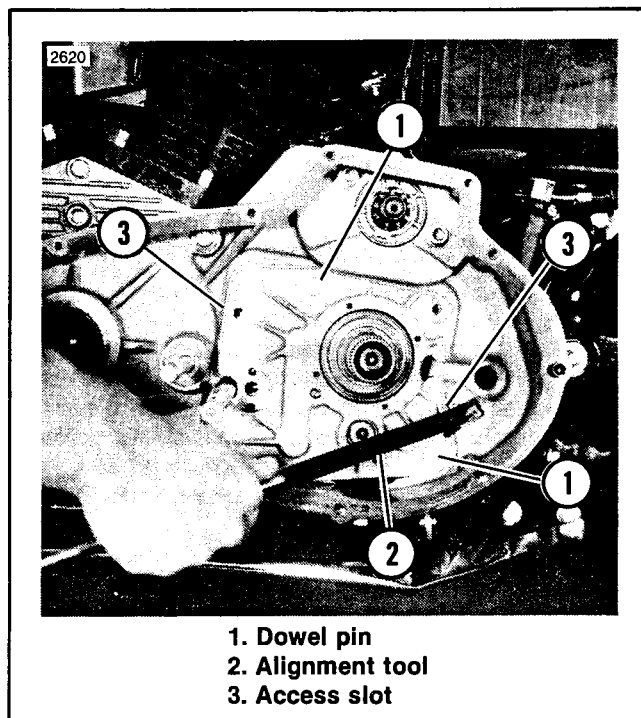
When servicing transmission components, the late 1984 alternator/clutch transmission access door utilizes two slots for removal. An alignment tool, SNAP-ON 1650, MAC LF-12, or equivalent is recommended to draw the access door from the dowel pins. (See Figure 2.)



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.

Wipe oil from access door prior to heating.

removal slot. Pry alternately at both slots to **evenly** draw the access door from the dowel pins.



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