



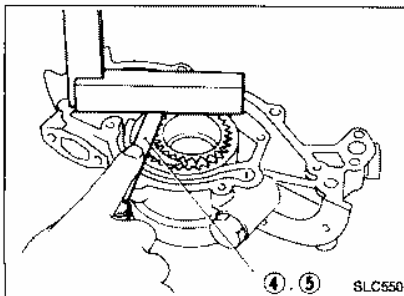
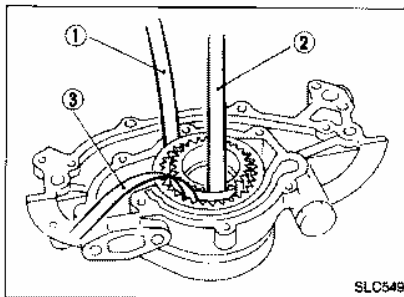
VG30DE(TT) OIL PUMP BACK PLATE

APPLICATIONS: 300ZX/Z32 1990 to 2000 TT, 1990 to 1993 NA

TOOLS NEEDED FOR INSTALLATION:

4 mm ALLEN SOCKET
TORQUE WRENCH

- REMOVE AND DISCARD STOCK PHILLIPS DRIVE BOLTS AND STOCK REAR COVER
- CLEAN OIL PUMP AND LUBRICATE ALL MOVING PARTS AND SURFACES
- LUBRICATE WITH OIL OR GREASE ALL BOLT THREADS AND TAPERED UNDERHEAD SEATS BEFORE INSTALLING.
- TORQUE SUPPLIED 6mm FLAT HEAD BOLTS TO 3.7 – 5.0 Nm, OR 2.7 – 3.7 ft·lb



INSPECTION

Using a feeler gauge, check the following clearances:

Standard clearance:

Unit: mm (in)

Body to outer gear clearance ①	0.110 - 0.200 (0.0043 - 0.0079)
Inner gear to crescent clearance ②	0.223 - 0.333 (0.0088 - 0.0131)
Outer gear to crescent clearance ③	0.210 - 0.320 (0.0083 - 0.0126)
Housing to inner gear clearance ④	0.050 - 0.090 (0.0020 - 0.0035)
Housing to outer gear clearance ⑤	0.050 - 0.110 (0.0020 - 0.0043)

If any clearance exceeds the limit, replace gear set or entire oil pump assembly.

FIGURE ABOVE COPIED FROM THE NISSAN FACTORY SERVICE MANUAL FOR INSPECTION POINTS AND DIMENSIONS FOR OIL PUMP CLEARANCES.