

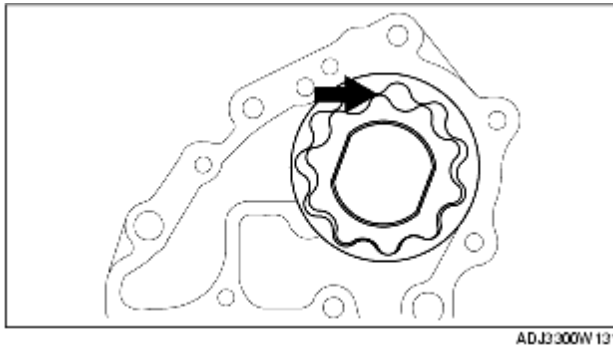
OIL PUMP INSPECTION [ZJ, Z6]

B3E01119220W04

Warning

- Continuous exposure with used engine oil has caused skin cancer in laboratory mice. Protect your skin by washing with soap and water immediately after working with engine oil.

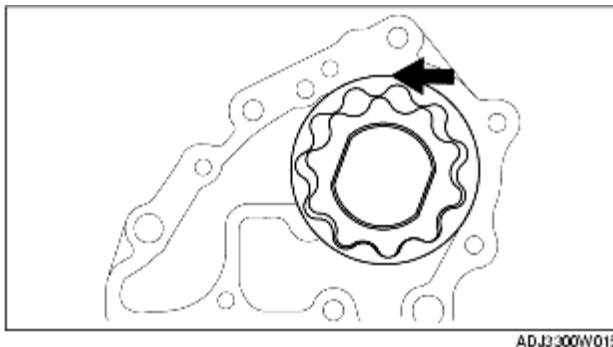
1. Measure the clearance between the inner rotor and the outer rotor using a feeler gauge.



- If it exceeds the maximum specification, replace the inner rotor or the outer rotor, or the both.

Standard tip clearance
0.020.18 mm {0.00080.0070 in}
Maximum tip clearance
0.20 mm {0.0079 in}

2. Measure the clearance between the outer rotor and the body using a feeler gauge.



- If it exceeds the maximum specification, replace the outer rotor or oil pump body, or both.

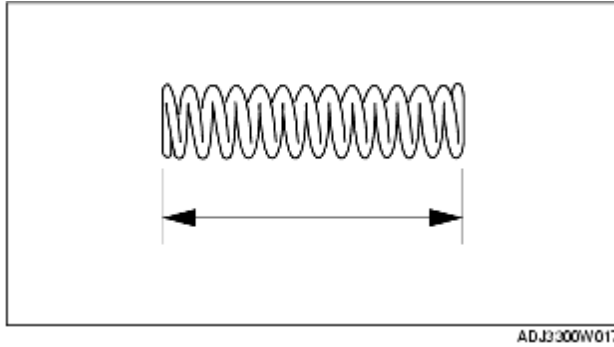
Standard body clearance
0.090.175 mm {0.00360.0068 in}
Maximum body clearance
0.20 mm {0.0079 in}

3. Measure the side clearance using a feeler gauge.

- If it exceeds the maximum specification, replace the inner rotor or oil pump body, or both.

Standard side clearance
0.030.07 mm {0.00120.0027 in}
Maximum side clearance
0.09 mm {0.0035 in}

4. Measure the free length of the plunger spring using the vernier caliper.



- If it is less than the specification, replace the plunger spring.

Free length
45.94 mm {1.8087 in}