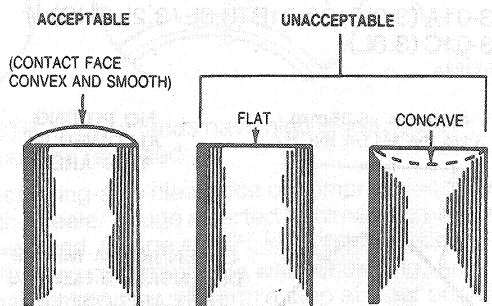


## OVERHAUL (Continued)

**Inspection**

Inspect the parts and discard the entire lash adjuster, tappet assembly if any part shows pitting, scoring or excessive wear. Replace the entire assembly if the plunger is not free in the body. The plunger should drop to the bottom of the body by its own weight when assembled dry.

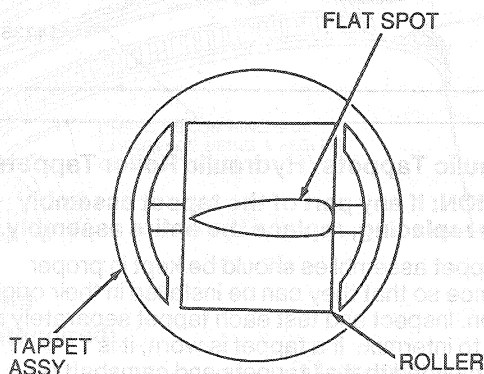
Assemble the adjuster tappet assembly and check for freeness of operation by pressing down on the plunger. The lash adjuster tappets can also be checked with a hydraulic tester to test the leakdown rate. Follow the instructions of the test unit manufacturer or the Hydraulic Lash Adjuster Tappet procedure under Diagnosis and Testing.

**Flat Tappet Wear**

A4290-B

**Roller Tappet Wear**

Inspect roller tappet for flat spots or scoring. If flat spot is found, check camshaft lobes for proper height or wear. Replace as required.



A15295-A

**Oil Pump****3.0L / 3.8L****Cleaning**

Wash all parts in a solvent and dry them thoroughly with compressed air. Use a brush to clean the inside of the pump housing and the pressure relief valve chamber. Ensure all dirt and metal particles are removed.

**Inspection****Tools Required:**

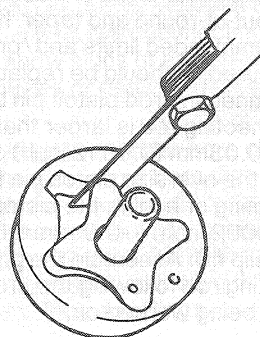
- Straight Edge D83L-4201-A

Refer to Specifications in Section 03-01A (3.0L), 03-01B (3.0L / 3.2L SHO) or 03-01C (3.8L) for clearances and service limits.

Check the inside of the pump housing and the outer race and rotor for damage or excessive wear.

Check the mating surface of the pump cover for wear. Minor scuff marks are normal, but if the cover mating surface is worn, scored, or grooved, replace the pump (except 3.0L V-6 engines). Inspect the rotor for nicks, burrs or score marks. Remove minor imperfections with an oil stone.

Measure the inner rotor tip clearance.



**NOTE:**  
WITH ROTOR ASSEMBLY REMOVED FROM THE PUMP AND RESTING ON A FLAT SURFACE, THE INNER AND OUTER ROTOR TIP CLEARANCE MUST NOT EXCEED 0.30mm (0.012 IN) WITH FEELER GAUGE INSERTED 13mm (0.5 IN) MINIMUM.

A7541-1A

With the rotor assembly installed in the housing, place a straightedge over the rotor assembly and the housing.