



HAVING LOW OIL PRESSURE PROBLEMS?

The following check list will help determine the cause of low oil pressure:

1. Try a new oil pressure gauge. A faulty gauge may be your only problem.
2. Check for proper oil level. The oil level in the sight glass located at the rear of the engine should be half full. Be certain your engine is level. An unlevel engine can cause over, or under, estimation of oil capacity. Check your engine specification table for proper oil capacity.

3. Inspect all internal oil lines for broken or loose fittings and repair or replace as needed.

4. The rocker arm end caps can be another problem area because a loose or badly worn end cap will cause a large amount of oil loss. Replace bad end caps with Arrow part number 247-CK-46 for C-46 engines, or 247-CK-66 for Arrow C-66 through C-106 engines.

5. Remove all relief valves and inspect the following parts:

- A. Valve Seat - Clean and reseal if possible.
- B. Valve Seat Ball - Replace if worn (Arrow part number 93-46).
- C. Valve Spring - Replace or re-shim the spring in the cam assembly only. Replace the old style spring with Arrow part number 94-A-46.

6. Remove and clean your oil pump pickup screen. A badly clogged screen may be your only problem.

7. Check rod bearing and shims for proper adjustment. If the rod bearing is badly worn, bearing replacement is recommended because this will help boost oil pressure. Proper bearing to crank pin clearance is .002-.005 for C-46 and C-66 engines, .003-.005 for C-96 and C-106 engines.

8. After completing the above steps, check the oil pump assembly, and repair or replace as needed.

Following the above recommendations will help troubleshoot and solve low oil pressure problems. If you have any further questions or need help determining the proper replacement part for your engine, please contact our Customer Service Department at (800) 331-3662 for assistance.