
ALUMINUM CONNECTING RODS AND ROD BEARINGS

All Vogel rods require a **9885-CP** Rod Bearing.

We have these bearings available in the following sizes: *Std.*; *.010*; and *.020*.

We recommend the Federal Mogul Bearings.

Note: Experience shows that some cheaper brand bearings may cause problems.

Rods with Splash Oiler

Drill small hole in both bearings to ¼" and chamfer hole on both sides.

File the bearing tangs to clear rod bolts. Later model connecting rods should not require this operation.

Torque rod bolts to: 20 ft. lbs. or 240 inch lbs.

The 12 point cap screws are 5/16" size.

An excellent socket is the **Snap-On SF101**.

DO NOT OVER TORQUE, AS THIS MAY DISTORT THE RODS'S BIG END.

Make sure connecting rod has adequate clearance. The **thin side of the rod** goes toward the cam.

.030 clearance is sufficient clearance between the cam and rod.

Put an adequate amount of oil in the engine. *Oil should cover at least 1" of the dipper or touch the bottom flange of the rod at BDC.* You may check this by looking through cam gear hole.

Most blocks will require notching at the bottom of the cylinder wall for rod clearance. Use a die grinder to notch out the block. *Clearance should be .060.*

Do not lighten or polish the surface of a Vogel aluminum connecting rod. Polishing destroys the important shot peen operation incorporated in the Vogel connecting rod.