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OIL PICKUP INSTALLATION INSTRUCTIONS

Part Numbers 620-910610 & 620-910614

The enclosed high-capacity oil pump pick-up has been designed to fit original equipment and aftermarket oil pumps manufactured to fit Big Block Chevy (454/502) engines. This pick-up fits pumps manufactured by the following companies:

- General Motors
- TRW
- Melling
- Sealed Power

The oil pick-up is secured to the pump by two (2) bolts. The accepted practice for sealing the oil pick-up tube to the pump casting inlet is by brazing. The pick-up tube should be brazed completely around its circumference to eliminate any source of air leakage.

Although pumps built by the above manufacturers are designed to fit the same engine, oil inlet hole and oil pick-up mounting bracket holes may vary due to different manufacturing tolerances. Pump casting inlet hole sizes range from .740" to .750" The Hardin Marine pick-up tube has been manufactured for optimum braze joint design and calls for .002" to .005" annular clearance.

To ensure adequate oil flow there should be a gap of at least 1/4" between the oil pick-up tube screen and the bottom of the oil pan.

Failure to follow these procedures may result in severe engine damage.