



Installation Instructions: LT1 Pump Kit

F-Body Kit



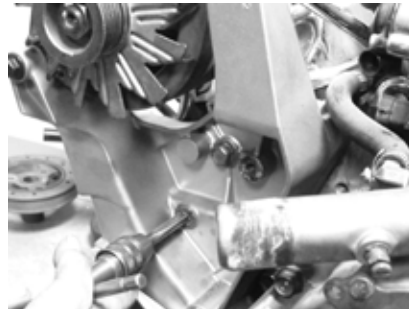
B-Body Kit



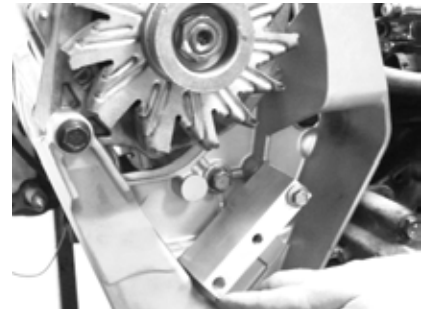
F-Body (Camaro-Firebird) Pump Delete Idler Installation



Disconnect battery and remove serpentine belt. Remove factory power steering lines and pump.



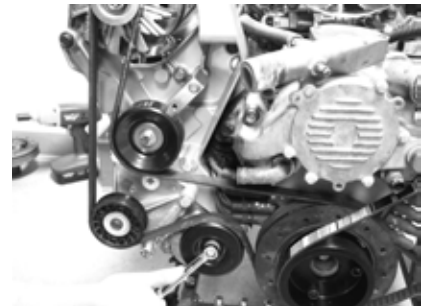
Tap lower pump mounting hole to 3/8-16 using a long lead style tap.



Install the idler block using one of the factory pump bolts.



Place the idler pulley spacer behind the pulley and mount to the lower pump mount using a 4-1/2" 3/8-16 bolt and 3/8 flat washer.



Tighten bolts and replace serpentine belt.

B-Body (Caprice-Impala) Pump Delete Idler Installation



Disconnect battery and remove serpentine belt. Remove factory power steering lines and pump.

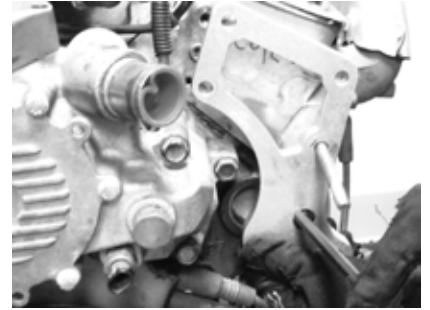


Bolt idler plate to bracket using factory pump bolts. Tighten bolts and install factory belt.

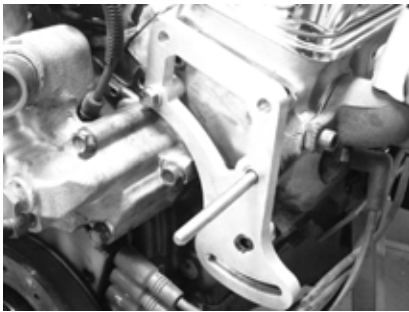


Remove ignition coil. Remove stud from block

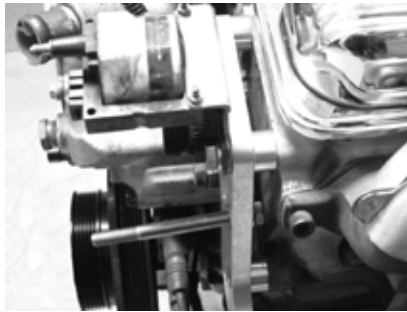
B-Body (Caprice-Impala) PSC Pump Installation



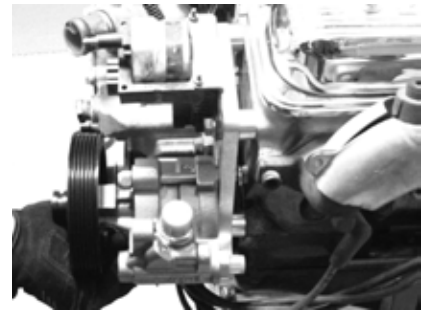
Loosely assemble 3" bolt and 1-3/4" allen bolt on bracket.



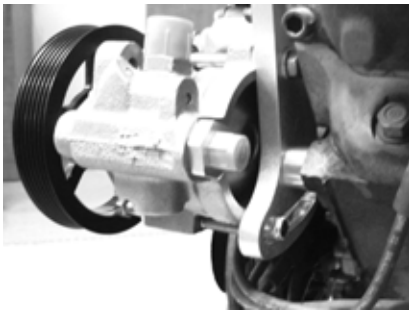
Loosely install a 1-3/4" bolt with spacer and washer into the mount closest to the water pump.



Using the 2 remaining 1-3/4" bolts and spacers, attach the ignition coil to the bracket. Tighten the 4 mounting bolts.



Mount the pump to bracket using the supplied 3/8-16 nylock nut and the previously installed bolt.

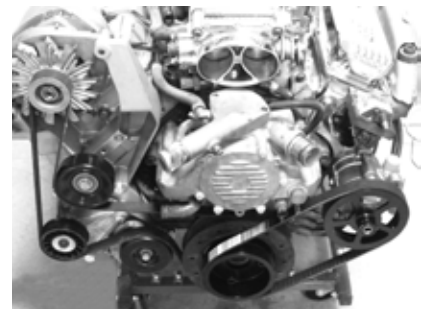
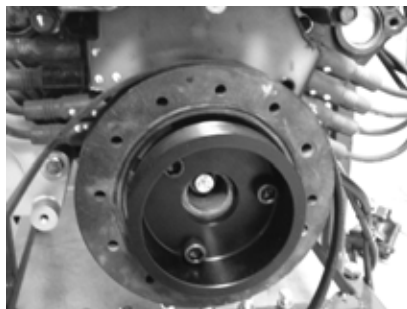


Use the 4" bolt and nylock nut for the lower pump mount. When tightening the bolts, leave just loose enough for belt tensioning.

Crank Pulley Installation



Remove the 3 crank bolts and install pulley on the factory harmonic balancer using the 1-1/2" allen bolts.



Install and tension the supplied belt, tighten pump mounting bolts.

Install the reservoir to pump feed line and the pump's high pressure line. Fill system with fluid and follow the included bleeding procedure.