



INSTALLATION INSTRUCTIONS
CRANKSHAFT PULLEY
400338

Materials supplied:

1. Crank Pulley

Tools/Materials required:

1. Assorted wrenches/sockets
2. Pulley puller
3. Pry Bar
4. Torque wrench
5. Anti-seize
6. Factory repair manual
7. New belt (recommended) Gates K070810



WARNING:

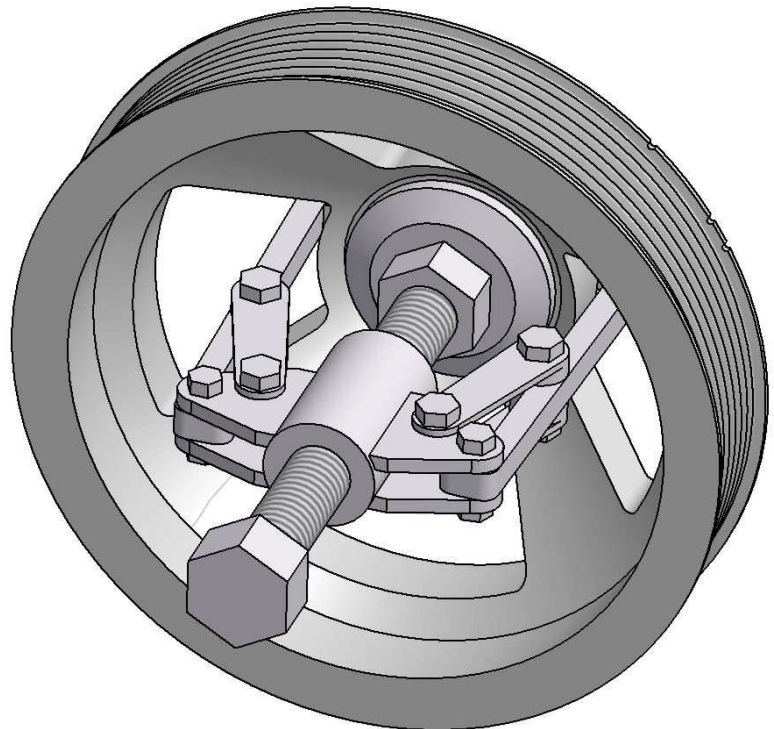
IF YOU ARE NOT EXPERIENCED IN THIS TYPE OF
AUTOMOTIVE MECHANICS WE STRONGLY URGE THAT
YOU REFER THIS INSTALLATION TO YOUR MECHANIC.

Notes: Please refer to the factory service manual for additional information on removal of additional items.

Remove the crankshaft pulley as follows:

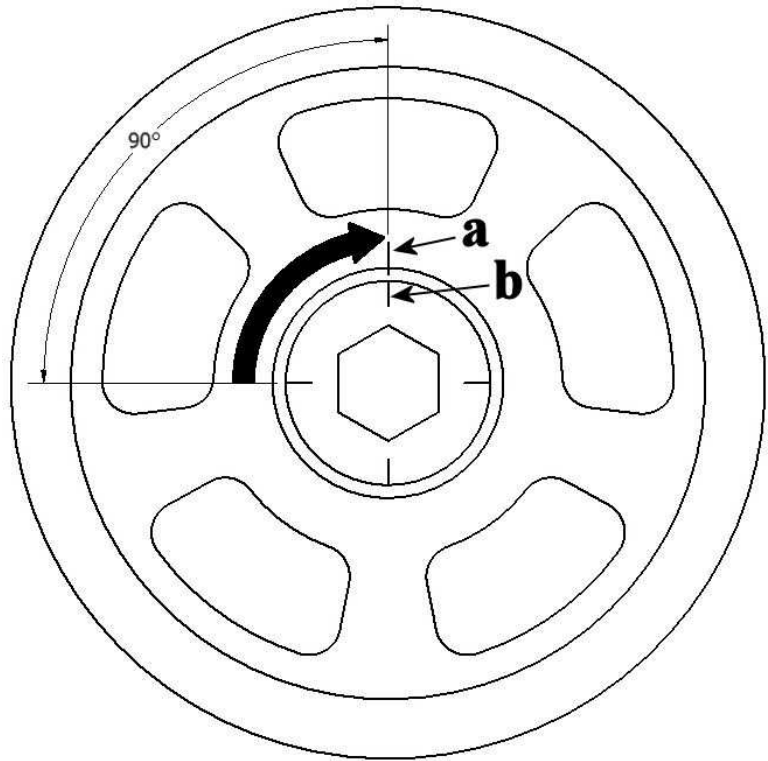
1. Disconnect the battery, raise the front of the vehicle and support with jack stands.
2. Remove the lower splash pan and drive belt per factory manual.
3. Remove starter motor and lock the ring gear in place.
4. Loosen crankshaft pulley bolt until it is $\frac{1}{4}$ " from the surface of the pulley. Do not remove crankshaft pulley bolt completely as it will be used as a supporting point for puller.
5. Using a suitable puller, and reaching through the holes in the pulley, grab the pulley from the center hub and remove.

Caution: Do not pull the crankshaft pulley from the outer diameter, as this may separate internal damper.



Install your new crankshaft pulley as follows:

1. Lightly coat the inner diameter of the crankshaft pulley with anti-seize. Install crankshaft pulley, taking care not to damage front oil seal.
2. Holding the ring gear, initially tighten crankshaft pulley bolt to **33 ft-lbs**.
3. Place a paint mark on the crankshaft pulley (a) aligned with the one of the angle mark on the crankshaft bolt (b). Tighten the bolt until it has turned **90 degrees** and the next mark on the bolt is aligned with your paint mark.
4. Reinstall starter, new belt (tightened per factory manual), and lower splash pan. Lower the vehicle and reconnect the battery.
5. DONE!



New belts will need to be retightened after a couple of hundred miles.