



Pulley Installation Tool 07-14 GT500

Step 1:

Remove the 10mm bolts holding the coolant overflow to the fan shroud. Move the overflow out of the way so that you can access the supercharger belt tensioner.



Step 2:

Using a 3/8" ratchet apply pressure on the belt tensioner so that you can remove the Super charger belt from the pulley. **Note: Just fold the belt out of the way, there is no need to remove it.



Removal

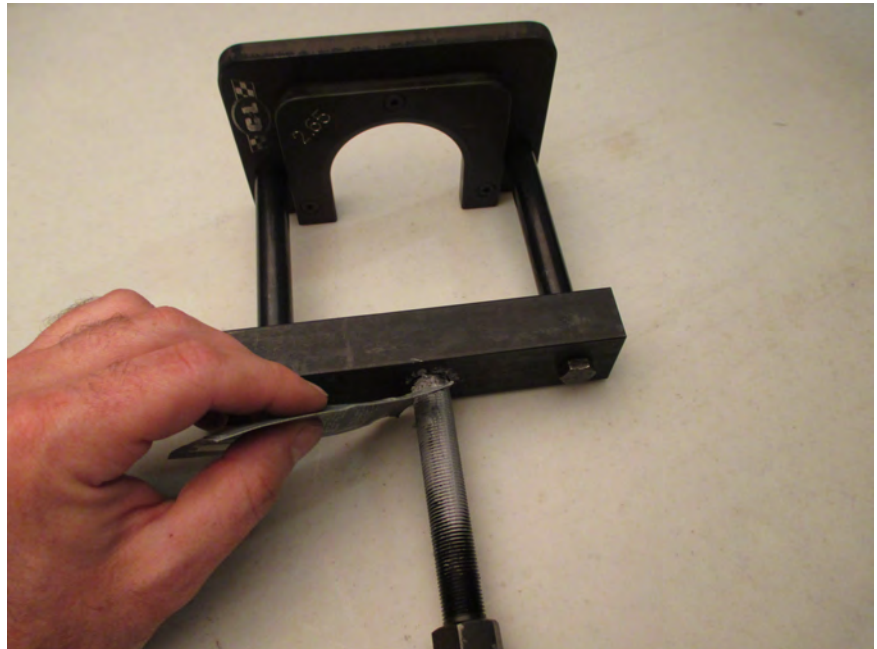
Step 3:

Using the supplied #10-24 screws (3) and hex key, attach proper sized adapter plate to the tool, with the beveled edge and engraving facing up.



Step 4:

Apply anti-seize lubricant (included) to the main bolt threads and the faces of the steel spacer used in the following step.

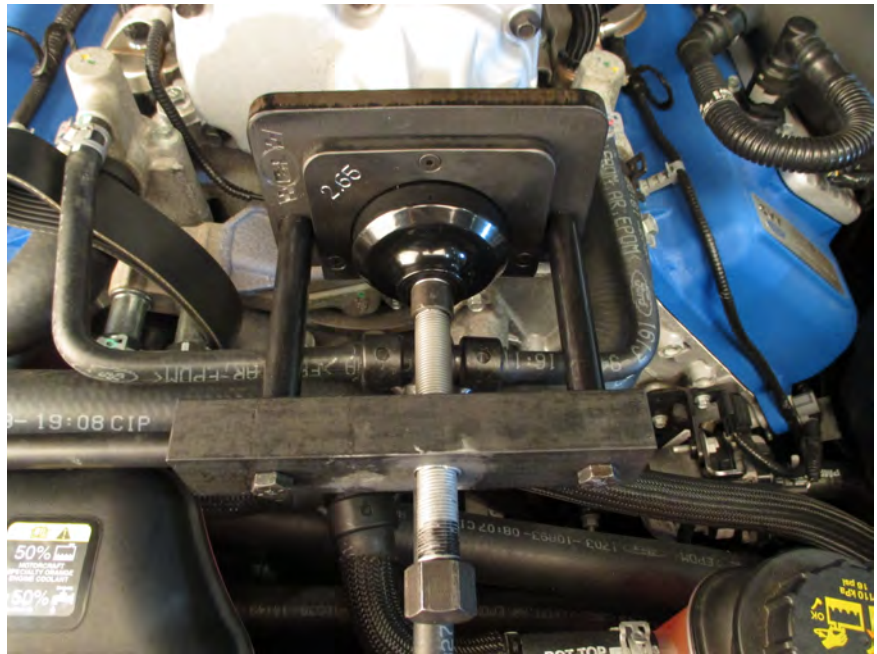


Step 5:

Remove plastic cap from end of supercharger shaft, and insert steel spacer.

Step 6:

Slide the tool over the pulley until it is seated over the grooves, under the lip, and hand tighten the center bolt until the spacer slides into the end.



Step 7:

Insert the torque bar into the end of the top plate, and the box end of a 7/8" wrench on the center bolt.

Step 8:

Holding the torque bar still, tighten the center bolt with the wrench until the pulley is pressed off.

**** Discard old pulley. Do NOT attempt to reinstall!



Installation

Step 1:

Make sure supercharger shaft is clean and free of any fluids or debris.

Step 2:

Remove center bolt from tool.

Step 3:

Screw the set screw into the end of the center bolt.

Step 4:

Install approximately half way onto the bolt in order:

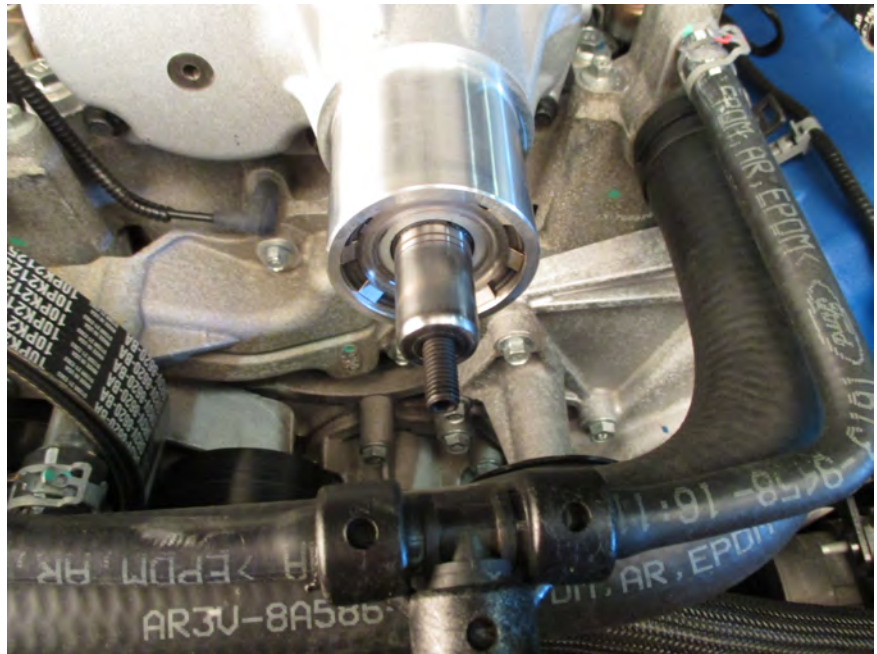
- a. Flange nut facing towards the pulley
- b. Thrust bearing
- c. Washer

Step 5:

Slide your new pulley onto the supercharger shaft. The pulley has a counter bore that will help to align it perfectly straight.

Step 6:

Screw the center bolt assembly into the supercharger shaft until hand tight.



Step 7:

Hand tighten the flange nut until the washer contacts the pulley.

Step 8:

Place the box end of a 1 1/16" wrench on the flange nut, and a 7/8" wrench on the end of the center bolt.

Step 9:

Tighten the flange nut to press the pulley on, holding the center bolt still. ** Only use the 7/8" wrench to counteract the flange nut wrench. Tightening the center bolt can cause the set screw to snap **

**Step 10:**

Continue pressing the pulley on until the pulley snout is flush with the supercharger shaft. The flange nut will not tighten any further.

Step 11:

Unscrew center bolt assembly from the supercharger shaft, reinstall belt, and reinstall plastic center cap.