



Installation Instructions for: #4696, 2920, 2921, 2922, 2963, 2967, 2997
4.6 Modular 96 Mustang/T-Bird

COMMITTED TO QUALITY

1. Disconnect battery.
2. Loosen alternator nut (this will require an air impact gun) **DO NOT REMOVE.**
3. Loosen the four (4) bolts for the water pump pulley. **DO NOT REMOVE.**
4. Remove center bolt and washer from the factory pulley/dampner
5. Remove alternator pulley and water pump pulley.
6. Use the three (3) prong harmonic dampner pulley to remove the factory pulley/dampner
(Hint: Hold the pulley with one hand when removing it. This will keep the pulley/dampner from falling to the ground when it clears the end of the crankshaft.)
7. Install hub factory harmonic balancer pulley in counter bore of new pulley. Align threaded hole in each pulley together. The keyway location is not important.
8. Install and hand tighten three(3) 1/4" x 1 1/4" bolts. The factory pulley does not completely sit into the underdrive pulley at this point. Carefully tighten the three(3) bolt equally in small increments to draw the two(2) pulley's together. Remove the three(3) 1/4" bolts.
9. Apply a hi-temp silicone sealer to the two(2) pulley assembly keyway. Place pulley assembly onto the crankshaft. (align pulley keyway with crankshaft key)
10. Re-Install the three(3) 1/4" hex bolts using locktite#343 and tighten to 10-12 ft./lbs
11. Align the keyway on the two(2) pulley assembly with the keyway on the crankshaft and slide it onto the crankshaft. (Hint: Place the two(2) pulley assembly in **HOT** water for about 15-20 minutes prior to installation.
12. Attach the two(2) pulley assembly to the crankshaft using the new 12mm bolt provided and the original crank bolt washer. Using locktite #242 or equivalent on the bolt and torque to 60 ft./lbs.
13. Install the new alternator pulley and water pump pulley using the original crank bolt washer. Use locktite #232 or equivalent.
14. Replace the belt. Consult a shop manual for proper procedure. **Note: inspect belt prior to Re-Installing. If evidence of wear exists, replace it with a new belt.**
15. Tighten alternator nut using an air impact gun.
16. Tighten water pump bolts evenly.
17. Reconnect battery.