

STEEDA

UNDERDRIVE PULLEYS 1996-2004 MUSTANG

INSTALLATION INSTRUCTIONS

IMPORTANT: Disregard the instruction sheet dated 9/99 (date shown on the lower right-hand corner) which you may find packaged with the pulleys. You must follow the torque specifications found on this instruction sheet.

This kit includes a 12mm x 60mm bolt which is used to start the new balancer pulley onto the crankshaft. **DO NOT TIGHTEN THIS BOLT.** It is used only to pull the balancer on far enough for the factory bolt to reach, and then is removed. **USE THE FACTORY BOLT TO HOLD THE BALANCER PULLEY IN PLACE.**

- 1) Raise the front of the vehicle and place on jackstands or drive-on ramps. Set the parking brake and place the transmission in gear/park. **Never work under a vehicle which is supported by a jack.**
- 2) Loosen the alternator pulley with an impact wrench. A swivel wrench may be needed to reach the alternator nut. Don't remove the pulley or belt yet.
- 3) Loosen the water pump pulley bolts.
- 4) Remove the belt, and water pump and alternator pulleys.
- 5) From underneath the car, remove the harmonic balancer bolt. An impact wrench will be required for cars with automatic transmissions. Remove the crankshaft balancer/pulley with a three bolt puller.
- 6) Apply a dab of high temperature silicone sealer (gasket maker) to the keyway slot on the underdrive crankshaft balancer pulley. Line up the keyway and install the pulley. Use the longer bolt supplied to pull the balancer onto the crankshaft. **DON'T TIGHTEN THE BOLT ALL THE WAY. ONCE THE PULLEY IS MOSTLY ON, REMOVE THE LONGER BOLT AND INSTALL THE FACTORY BOLT.** Torque factory crankshaft bolt to 115 lb/ft.

On automatic transmission cars, the engine must be held from turning by holding the torque converter. The torque converter can be accessed by removing a plug towards the front-drivers side of the transmission. (Consult a service manual for more information). Hold the torque converter from turning with a 14mm wrench.

- 7) Install the water pump and alternator pulleys.
- 8) Install the belt (following the factory routing) and tighten the bolts for the water pump and alternator.
- 9) Start the car and check that the belt is running correctly. Shut the car off and inspect the belt to make sure that it is aligned and tracking properly.

Bolt Warning Label:

FOR INSTALLATION ONLY
DO NOT TIGHTEN THIS BOLT
USE FACTORY BOLT FOR FINAL INSTALL