



Part # 90163 Underdrive Pulley 2014-up GM Truck 5.3/6.2L

1. Because the installation of this pulley requires specialty tools professional installation is recommended.
2. Lift the truck and secure it with safety locks or stands. Remove the lower engine belly pans to expose the engine crank pulley and the 3 accessory belts.
3. Remove the positive battery cable.
4. Working from underneath the vehicle use a breaker bar and a 24mm socket to turn the crank pulley and start removing the vacuum pump and A/C stretch belts towards the rear of the crank pulley. Slowly rotate the crank pulley with the breaker bar and put pressure on the vacuum pump belt first until it rolls off of the crank pulley then repeat the process on the A/C belt. Save the vacuum pump belt you will be reusing it.
5. To loosen the crank pulley bolt you will need to lock the flywheel. In order to do this you must remove the starter to access the flywheel. Using a flywheel holding tool (GM recommends P/N EN-42386-A) lock the flywheel and loosen the crank pulley. Do not remove the crank pulley bolt all the way, turn the bolt out leaving about 5 threads in the in the crank so you can attach the crank pulley puller.
6. To remove the crank pulley use a standard 3 jaw puller and slowly tighten the puller against the crank bolt to remove the pulley.
7. Once the crank pulley is removed apply a light coating of oil or grease to the crankshaft or inside the of the hub on the new JET underdrive pulley and also to the outside of the new pulley hub.
8. Install the new JET underdrive pulley using the OEM bolt to tighten and press the pulley into place. The JET warranty does not cover damage to an incorrectly installed pulley. DO NOT Beat, Hammer or Force the pulley on.

9. Install the new A/C stretch belt by putting on the A/C unit first and slowly rotating the crank while sliding the new belt into the crank pulley grooves. Use the same procedure for the vacuum pump belt. Both these belts are easier to install from underneath the vehicle.
10. Next install the new 6 rib main drive belt and follow the GM belt routing sequence to get the belt around the pulleys correctly. The diagram for this is on a sticker under the hood of the vehicle.
11. Torque the crank pulley bolt using GM torque sequence specifications or if using an aftermarket bolt torque to the manufactures specifications.

Tools Needed:

½ Drive Breaker Bar
24mm ½ drive socket
Flywheel holding tool
3/8 Drive Ratchet
½ inch 3/8 drive socket
9/16 3/8 drive socket

NEW Belts needed:

Gates K060685
Gates K040317SF

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