

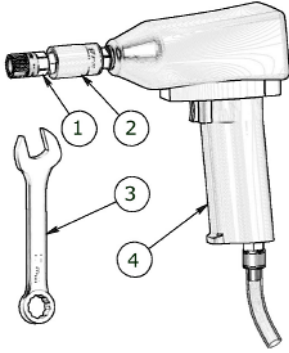


Recommended Installation Procedure for P/N 920583 RotoRx Isolator Decoupler Pulley (IDP)

WARNING

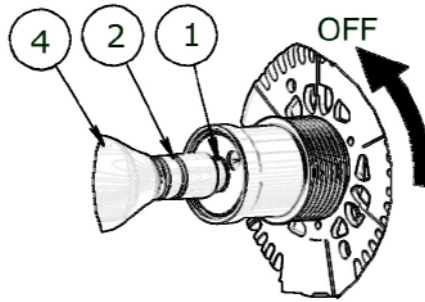


- ◆ Always shut engine off before performing any work on the engine
- ◆ Appropriate safety equipment should be worn when performing any work under the hood
- ◆ Disconnect the battery cables from the battery terminals before removing the alternator.
- ◆ DO NOT disassemble the RotoRx IDP.



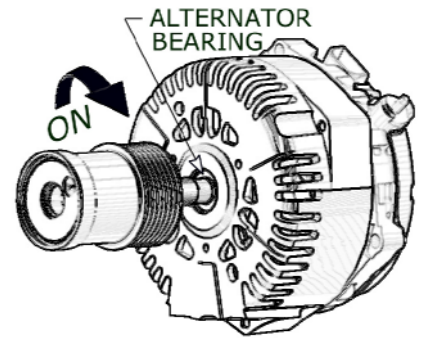
Tools Required

1. Splined Hazet tool # 802592.
2. 1/2" drive 17mm Socket.
3. 17mm wrench.
4. 1/2" drive Impact Gun.



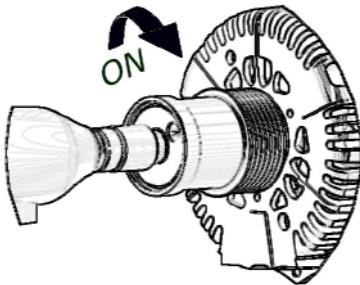
Step 1. IDP Removal:

1. Remove existing plastic cap.
2. Using tools 1,2 and 4, engage the Hazet tool into the old IDP and remove it with a few pulses of the impact gun. Make sure the rotation of the impact gun is counterclockwise.



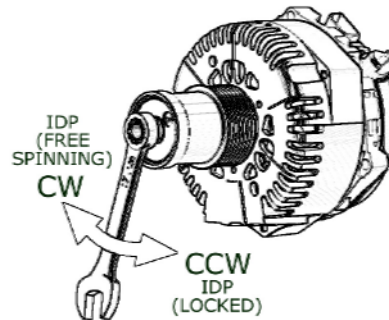
Step 2. IDP Installation:

1. Clean the alternator shaft threads from any oils/greases or debris.
2. Manually thread IDP onto alternator shaft until it bottoms on alternator bearing, this will prevent cross-threading.



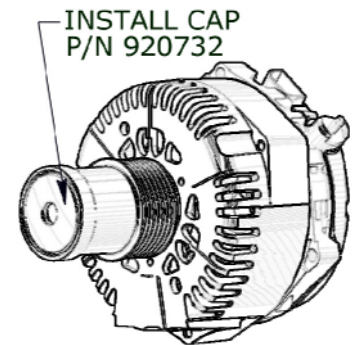
Step 3. Torquing of the IDP:

1. Using tools 1,2 and 4 engage the Hazet tool.
 2. Support the 1/2" drive 17mm Socket firmly with hand.
 3. Torque the IDP with the impact gun for 3~4 seconds.
- Note: The impact gun must be set to max torque and 90 psi air supply.



Step 4. Verification of the proper installation:

Verify the proper installation of the IDP by holding the pulley in one hand and use the Hazet tool with the 17mm wrench to rotate the shaft. Rotate the shaft 1-2 turns clockwise. The shaft should be free and turn smoothly in the CW direction and should lock in the CCW direction.



Step 5. Installation of the Cap:

1. Press the protective cap onto the front of the RotoRx IDP. Feel the entire edge of the cap to ensure proper seating.
2. A RotoRx label is provided with your new IDP. If desired, this can be applied to the plastic cap. Always ensure that the surface is clean and dry prior to application.

Step 6.

Complete the re-installation of the alternator, accessory drive belt and reconnect the battery. Remove all the tools. Start the engine for 30 seconds, shut off, and check that the belt is seated in all the pulleys and tracking properly.

Safety Reminder:

REMOVE ALL TOOLS FROM THE ENGINE AFTER THE IDP/ALTERNATOR INSTALLATION IS COMPLETED.