



Torque Converter Installation Instructions

Depending on the vehicle, installation of a torque converter can be challenging even for a well trained professional. Specialized tools such as a transmission jack and an automotive lift are required. The installation of a torque converter should be done by an experienced person in a professionally equipped shop.

Improper installation can cause serious personal injury and expensive damage to the transmission system and surrounding components. Most transmission specialty shops can handle the installation and provide the necessary tools and skills to get the job done right. Please consider this before you tackle the job yourself.

Installation Tips

If you have made the decision to install the torque converter yourself below is a list of general installation tips to follow. Before starting your project it is important to have a clean area to work from in order to get the job done right. If you have any questions or need technical assistance please call our **Technical Line** at (631) 218-8700

- Double check that the new converter is correct for the application, compare the old converter with the new one and verify overall height, number of pads, pilot diameter and bolt circle diameter.
- Before installing a new torque converter in your vehicle please make sure the vehicle and the transmission are in proper working order. Putting a new torque converter in a failing transmission is like putting a "dress on a pig". A vehicle with shifting problems, noises, lock up problems, lack of power, erratic shifting, etc is not a candidate for a new converter. If you are experiencing any of these problems you will need to have your transmission overhauled and brought back to original spec.
- Before removal of transmission it is recommended to remove the negative cable from the battery to prevent any damage. Make sure that the ground is properly reconnected after installation
- Clean and inspect rear of crankshaft, dowel pins and flywheel for wear, burrs, cracks, or any other damage. If using a transmission adapter longer dowl pins are sometimes required (A & B). If possible place the torque converter up against the flexplate and check to make sure the converter sits flat against the flexplate (C). • Any contamination will drastically reduce durability and life of torque converter and transmission systems. Please keep your hands, tools, work area, etc as clean as possible during installation. DO NOT remove torque converter cap until the very last moment before installation into transmission.

Please lubricate pump drive hub on torque converter with grease (D) and fill with 1 to 2 quarts of transmission fluid before installing.(E) Apply a small amount of grease to the pilot.

- Contamination in the transmission fluid cooling system, ie cooling lines, radiator, auxiliary cooler or transmission will ruin your new torque converter. To avoid this always make sure that the cooling lines and or cooler have been properly cleaned or replaced. ProTorque highly recommends the use of a transmission fluid cooler in any performance or heavy duty application.



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