

INSTALLATION GUIDE

PastPower Innovations Polyurethane Differential Mount Kit

P/N: SU056-0010



CAUTION:

The installation of this product requires detailed knowledge of automotive components. As such, we recommend that this installation procedure be carried out by qualified personnel at an automotive facility that is equipped to perform the task.

Installation of this product requires that the car be elevated. Ensure that the vehicle is properly supported. Failure to do so can result in serious injury or even death.

When performing any mechanical work on your vehicle, ensure that proper eye protection and all other safety apparel deemed necessary is worn to protect yourself from debris and other hazards.

WARNING:

This mount upgrade should only be done in conjunction with or after polyurethane crossmember bushings have been installed. Failure to install polyurethane crossmember bushings may cause significant wear, and possibly premature failure, of the stock subframe bushings.

What's In the Box

1x Differential Mount Housing

1x Differential Mount Angle Bracket

1x Polyurethane Mount Insert

1x Hardware Kit

Before You Begin

Congratulations on your purchase of this Polyurethane Differential Mount Kit from us at PastPower Innovations!

Before you begin the installation process, confirm that the kit has arrived with all the necessary components to complete the installation. If you are the original purchaser of this kit, and any component listed in “What’s In the Box” are missing, please contact PastPower Innovations to receive the necessary parts.

Before beginning any work on your vehicle, it is highly advisable and recommended to first consult the Factory Service Manual (FSM) for proper removal and installation of any factory components.

Installation Instructions

Removing the OEM Differential Mount

1. Following the procedure in the factory service manual, remove the gas tank heat shield and ground strap being sure not to damage the pieces as they must be reinstalled.
2. Using a floor jack to support the differential, remove the bolts and nuts that are holding the differential to the frame of the vehicle.
3. Remove the differential mount by removing the nuts holding the differential mount to the differential case.

Installing New differential Mount

1. Using only a single nut and washer on each side, install the Differential Mount Angle Bracket to the differential case
 - a. Tighten to specification: **72-87ft/lbs**



2. Install the polyurethane part to the differential mount angle bracket with the round side facing away from the differential.
 - a. Tighten only enough to hold the piece in place so that some movement can still exist to help with alignment.



3. Slip the Differential mount housing over the polyurethane mount insert. Note that you may have to raise or lower the differential in order to clear the differential mount housing.



4. Install the bottom bolts to the bottom of the differential mount housing to hold the polyurethane mount in place.
 - a. These should be installed only **FINGER TIGHT**.



5. Lift the differential mount housing up to the frame and install the original nuts and bolts. Tighten to the following specifications:
 - a. **Nuts: 43-58ft/lbs**
 - b. **Bolts: 22-29ft/lbs**



6. Reinstall the heat shield and install the ground strap under one side. Attach the other end of the ground strap to the differential where it came off using the jamb nut.



7. ****IMPORTANT**** Tighten the bolts which hold the polyurethane mount to the differential mount housing and differential mount angle bracket. The bolts which are located on top are held with lock washers. The bottom carriage bolt is captured by the bracket on the polyurethane bushing and held with a nyloc nut. It should be tightened until the polyurethane mount is pulled down to the bottom.
 - a. **Note:** Gear wrenches are helpful for this task
8. Double check that the bolts and nuts are tightened and take the vehicle out for a test drive.
9. Recheck bolts after 100 miles for tightness. If bolts are loose, tighten to specification.