

E46 Solid Diff Mount Kit

“Not for M3”

TDR-46-80-455

TMS E46 solid differential mounts are designed around SCCA SPEED World Challenge regulations and have years of street and track testing to prove their performance. Replacing your differential's rubber mounts with this kit will result in a snappier feel when cornering and better suspension performance. You save money by never having to replace the stock rubber mounts that fail due to old age and fatigue. These bushings are CNC machined from high-grade billet aluminum.

Applications: 1999-2006 323, 325, 328 and 330 (E46) “Not for E46 M3”
2002-2006 2.2i, 2.5i, and 3.0i (Z4)
2003-2006 2.5i and 3.0i (X3)

Parts list for kit:

- Two small aluminum mounts for front of subframe
- One larger aluminum mount for rear of subframe



When would it be a good time to perform this work on my car?

- When replacing any mounts in the rear subframe
- When reinforcing the rear sway bar mounts or chassis to subframe mounting points.
- When performing any differential work.

Directions:

Note: These bushings have a tight tolerance press fit. When pressing in, give the part a small adjustment period between compression cycles. If part gets bound up, release pressure, check for interferences or problems and test again.

Notes: Rear subframe was removed for instruction photography; it is not necessary to remove your subframe when installing this kit

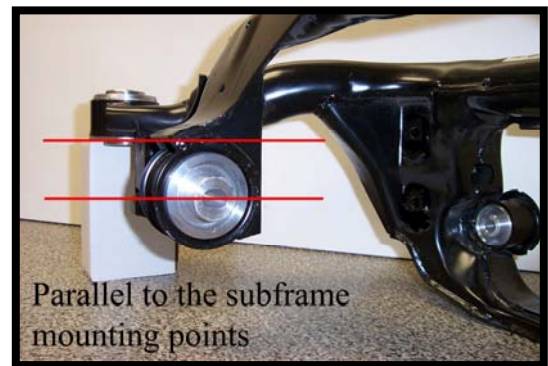
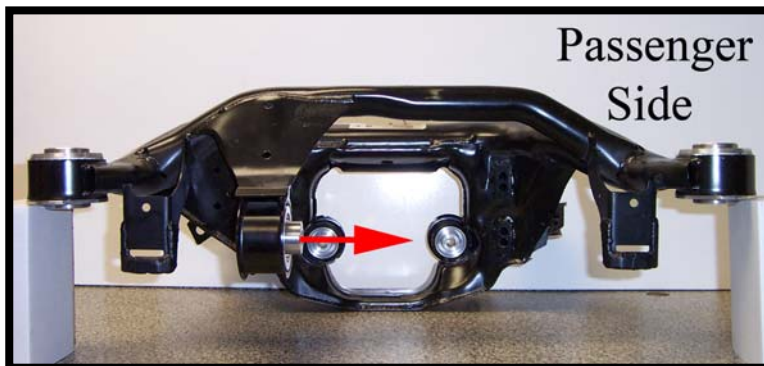
1. Properly lift and support the car to access the differential.
2. Remove differential from car
3. Note orientation of stock bushings for later reference.
4. Remove old bushings from subframe.

Note: The front bushings have an uneven press surface. A tool that correctly fits the surface should be used. If proper care is not taken to make sure the bushings go in correctly damage to the subframe **will** result (Suggestion is to use a short piece of 2 1/8" OD thick wall tubing and cut a notch in it to clear the weld on the back side of the subframe.)

5. Install the two small front differential mounts into the subframe
 - Each differential bushing needs to be pressed in from the front of the subframe (the side of the mount with a flange is closest to the gas tank when on car)
 - Use a small amount of lube to ease fitment
 - Stop press when the flanges of the mounts are flush to the subframe. Do not attempt to press in any further.



6. Remove the rear differential mount on the subframe
7. Install large aluminum mount
 - Install the small protruding part of the mount toward center or passenger side of subframe and the slotted mount alignment so that the slot is parallel to the ground and chassis
 - Press the mount in until it is flush with the sheet metal toward the center of the subframe



8. Install differential in car