

Installation Instructions

05-10 Scion tC

Set # 8.1104



1131 VIA CALLEJON, SAN CLEMENTE, CA 92673

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It is recommended that this set be professionally installed if you are unfamiliar with this type of work, and a factory service manual be acquired prior to performing any work on your vehicle for proper disassembly, reassembly and torque specs. These instructions are intended for bushing removal and install of Energy Suspension polyurethane bushings, once you have removed the factory component from your vehicle. Energy Suspension recommends that you read over all the installation instructions and check all P/N's and quantities in the parts list before you start. Call our customer service at (949)361-3935 if the parts in your kit do not match this parts list or if you have any other questions regarding the installation of these motor mounts. Always make sure the vehicle is properly supported before removing the original parts and when reinstalling the new parts. It is recommended to remove and reinstall one mount at a time to help maintain engine alignment. Make sure all nuts and bolts that were removed are installed and tightened to their correct torque specs according to the factory service manual.

Parts List:

- 1242 – Rear Torque Mount
- 1249 – Transmission Mount, Front Position
- 1250 – Transmission Mount, Rear Position
- 1259 – Front Torque Mount
- 15.10.472.39 – .875" x .500" x 2.355" Sleeve
- 15.10.576.39 – .875" x .406" x 2.200" Sleeve
- 15.10.597.39 – .875" x .406" x 2.550" Sleeve
- 17517 – Installation Instructions

Front Engine Torque Mount:

- With mount removed from vehicle, clamp one end of the sleeve securely in a vise
- Grab the steel bracket with your hands and rotate it 90° in either direction to allow the OEM rubber mount to slide down and out, [see images below](#)
- Apply grease on the inside of the bracket and along the leading edge of the new 1259 bushing
- Line up the part number on the new bushing with the small metal tab welded on the bracket and press bushing into bracket with an arbor press
- Press in the 15.10.597.39 sleeve
- Reinstall mount into vehicle

Rear Torque Mount

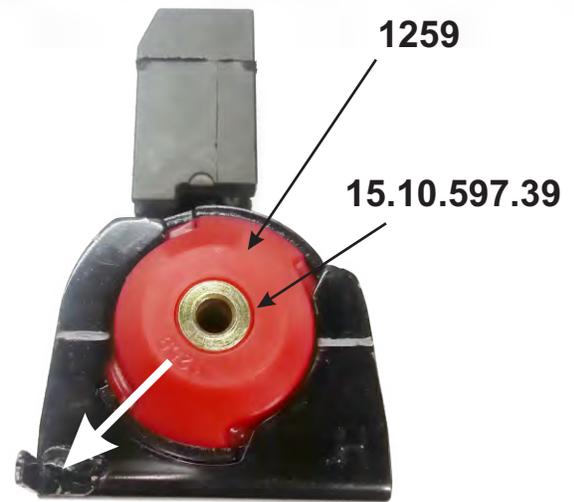
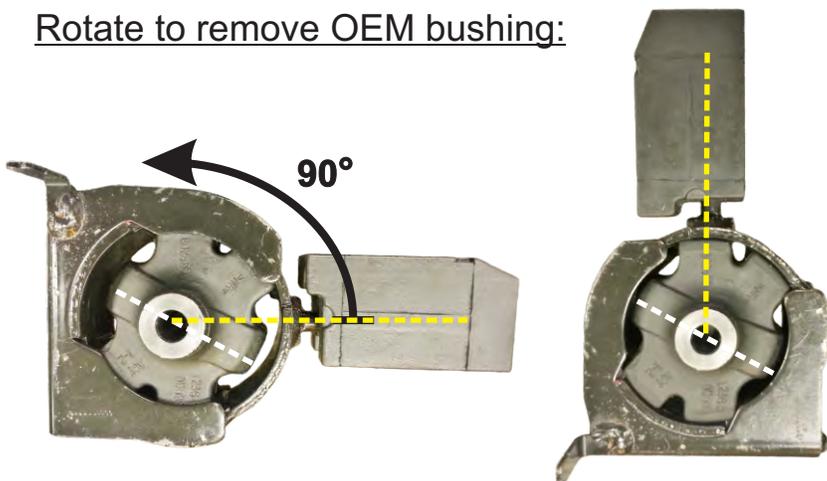


Front Torque Mount



Transmission Mount

Rotate to remove OEM bushing:



Part # towards
this welded tab

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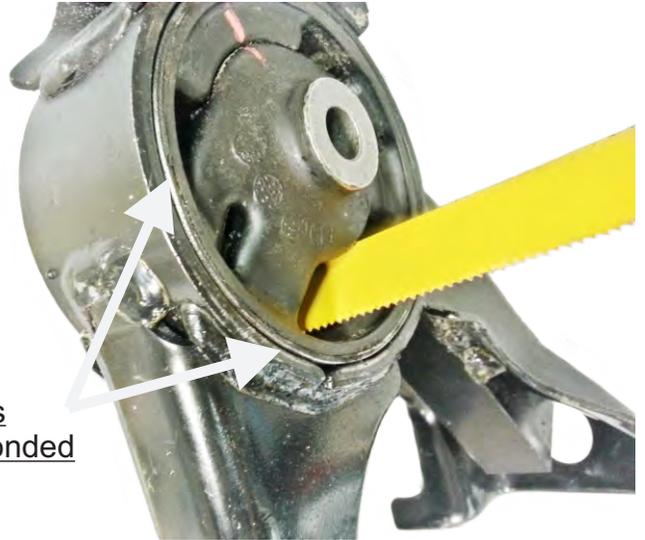
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Shop press method



Cut only through this metal shell that is bonded to the rubber mount

Shell cutting method



Transmission and Rear Engine Torque Mount:

- Only remove and replace one torque mount at a time
- The OEM rubber mount and bonded metal shell must be removed before installing the new polyurethane mount
- Clean and deburr any rough edges from the surface of the bracket that will contact the new bushing
- Apply grease on the leading edge of the bushing and press in the new mount with an arbor press
- Press the correct length sleeve into the bushing
- Reinstall the mount onto the car
- Removal Using Shop Press (Rear Torque Mount Only):
 - Use a piece of tubing with an Inside Diameter $+ .025''$ larger than the Outside Diameter of the metal shell to be pressed out in order to support the bracket on the press
 - Use another piece of tubing with an O.D. $- .025''$ smaller than the O.D. of the metal shell to press the OEM bushing and bonded shell out
- Removal Using Hacksaw or Reciprocating Saw
 - Carefully cut through **only** the inner bonded metal shell of the OEM mount from one of the holes inside in the rubber
 - With the inner shell cut through, use a hammer and metal chisel to drive the OEM bushing and bonded shell out of the bracket



Transmission Mount

