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Installation Instructions Set

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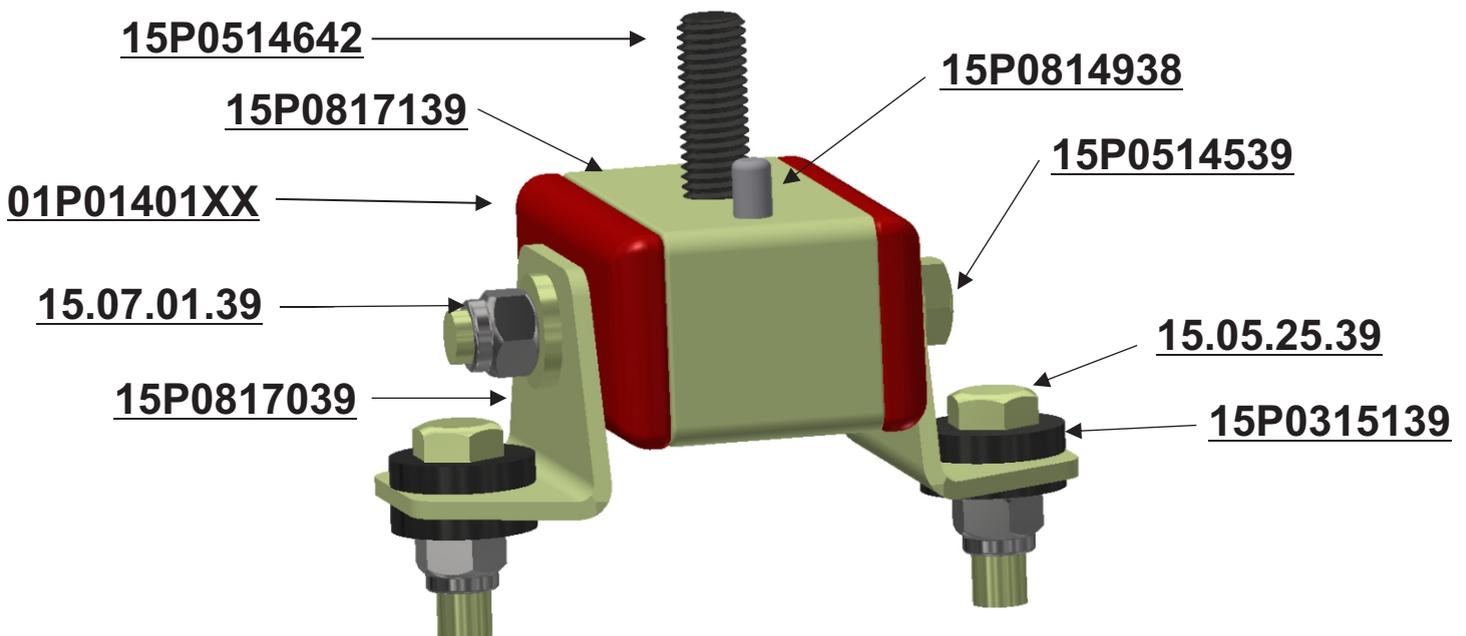
Motor Mounts

84-1995 Toyota Pickup, 95-2015 Tacoma 2RZ/3RZ,
85-2000 4Runner 4cyl, 95-98 T100 3RZ

It is recommended that if you are unfamiliar with this type of work that you refer to a qualified service center specializing in this type of work. It is also recommended that if you choose to do this work yourself that a factory service manual be obtained for the proper procedures pertaining to removal, replacement and proper torque specifications for your vehicle. This instruction set is intended as a guideline for the safe installation of Energy Suspension's polyurethane bushings, once you have removed the factory components from your vehicle. Wheel alignment is almost always disturbed when suspension components are removed or replaced. It is recommended that you have the alignment checked on your vehicle at a qualified alignment shop. 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 customer service at 949-361-3935 if the parts in your kit do not match this parts list. Prior to installation, make sure that your car is in excellent mechanical condition and that there are no suspension or steering related problems. This part has been designed to work only with a car that is in good state of repair. No matter how carefully we design our parts, this is one area we have no control over and cannot be held responsible.

Parts List

- 4 - 01P01401XX MOTOR MOUNT POLY
- 2 - 15P0817139 1.50" X 3.0" X 1.50" X .120" SHELL
- 4 - 15P0817039 STEEL MOUNTING BRACKETS
- 4 - 15.05.25.39 3/8"- 16 X 1.5" BOLTS
- 2 - 15P0514539 3/8-16 X 3.25" BOLTS
- 6 - 15.07.01.39 3/8-16 NYLOCK NUTS
- 4 - 15.03.69.39 .400" X .813" X 1.00" WASHERS
- 8 - 15P0315139 .406" X 1.438" X .125" WASHERS
- 2 - 15P0514642 M12 X 1.75 X 35MM BOLTS
- 2 - 15P0814938 1/4" X 1/2" RIVET PIN
- 2 - 15P1081039 .500" X .375" X 2.262" SLEEVE



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1131 VIA CALLEJON, SAN CLEMENTE, CA 92673

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Installation

It is best to remove and replace engine mounts one at a time. With the engine supported via a bottle jack or similar, start by removing one of the old motor mounts with the engine mounting bracket still attached to it. Once removed, clamp the bracket in a bench vise or similar and remove the factory nut that holds the bracket to the motor mount (See Pic 1 on Page 3). This nut will be reused with supplied bolt (15P0514642) to attach the new motor mount shell (15P0817139) to the OEM bracket. While the bracket is in the vise, install the new motor mount shell by inserting the supplied bolt and locating pin (15P0814938) through the shell and OEM bracket, then installing the factory nut onto bolt number 15P0514642 (See PicS 2 and 3). This is a good time to install the new Polyurethane mount bushings (01P01401) into the shell as they will keep the locating pin from falling out. Insert supplied sleeve (15P1081039) through the Polyurethane bushings, followed by supplied bolt (15P0514539) with one washer (15.03.69.39) and one angle mounting bracket (15P0817039). Install a second angle mounting bracket, washer and nut (15.07.01.39) on the other side. Leave the nut loose at this time as it will make lining up the mounting bracket holes and the holes on the frame easier. The assembly is now ready to be installed into the vehicle.

Install the engine mounting bracket onto the engine first. Once the engine mounting bracket is reinstalled onto the engine, adjust the height of the supporting jack as needed to line up the holes on the angle mounting brackets with the holes on the frame. Install supplied bolts (15.05.25.39) through the angle brackets and frame with washers (15P0315139) on each side and nut (15.07.01.39). See Pic 4

Repeat process on the other motor mount.

Tighten bolts attaching engine mounting brackets to factory torque specification.

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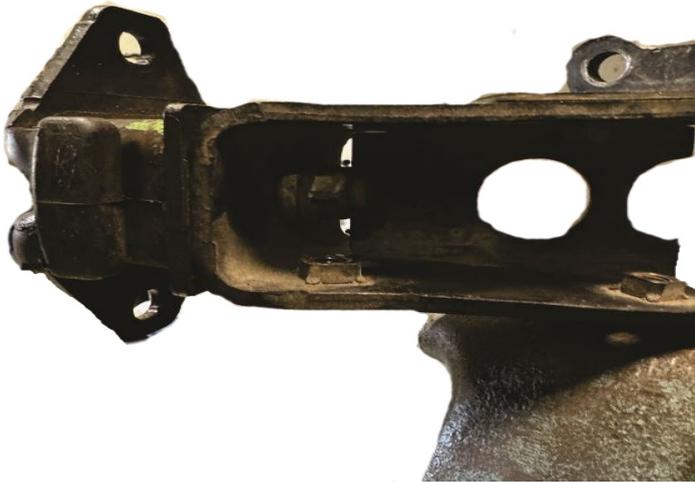
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