Installation Instructions
For set # 1.4101
1986-1995 Suzuki Samurai
Body Mount Set

ENERGY SUSPENSION®
1131 VIA CALLEJON, SAN CLEMENTE, CA 92673

Customer Service: (949) 361-3935
Toll Free Customer Service: (888) 913-6374
Email Support: hyperflex@energysuspension.com

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 suspensions components are removed or replaced. It is recommended that you have the alignment checked on your vehicle at a qualified alignment shop. Energy Suspension recommended 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. These parts are designed to work on 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.

PLEASE READ ALL INSTALLATION TIPS BEFORE REMOVING ANY ORIGINAL BODY MOUNTS!

Bushing Removal Preparations:

- Spray down all nuts and bolts used to secure the body to frame with a rust penetrant before attempting to remove.
- The front plastic grille must be removed to access the #1 position body mount bolt located inside the headlight housing (See figure #1).
- The front brake line bracket, located on the front passenger fender well, must be un-bolted from the fender before lifting the body from the frame (See figure #2 on pg. 3).
- The coolant hoses running to the heater core may need to be loosened to allow the body to be lifted high enough to replace the bushings.
- Watch the heater core hoses as you lift the body and keep an eye on them anytime the body is lifted or lowered from the frame.
- The fuel filler hose and gas tank breather hose clamps must be loosened and the hoses free to slide down the ports of the filler neck. These hoses are located behind a metal cover inside the body tub (See figure #4).
- It may be easier to remove the rear bumper before attempting to lift the body. If you try without removing the bumper, the body may become hooked to the inside of the bumper and lift the frame as you are lifting the body from it.
- A twin-post lift is preferred for lifting the body from the frame, making sure whatever is lifting the body has enough support as to not damage the sheet metal. ONLY lift the body above the frame enough to slide the old bushings out and new bushings in (See figure #3).

– Continued on page 2 –

Set # 1.4101 OEM Height

Parts List:

2 - 04P04334 Position # 1 Body Mount
2 - 04P04335 Position # 2 Body Mount
2 - 04P04340 Position # 3 Body Mount
6 - 04P04336 Position # 4 & 6 Upper Body Mount
6 - 04P07337 Position # 4 & 6 Lower Body Mount
8 - 04P04341 Position # 5, 7, 8 Body Mount
2 - 04P04338 Position # 9 Upper Body Mount
2 - 04P04339 Position # 9 Lower Body Mount
4 - 15P0511240 M10x1.25 40MM Bolt
4 - 15.03.04.39 1.125"x.438"x.100" Flat Washer
4 - 15.03.48.39 .437" ID Lock Washer
6 - 15.03.59.39 2.000"x.406"x.110" Flat Washer
6 - 15.07.15.40 M10x1.25 Nylock Nut
6 - 15.10.649.39 .625"x.438"x1.575" Sleeve
1 - 17P17635 Instruction Sheet

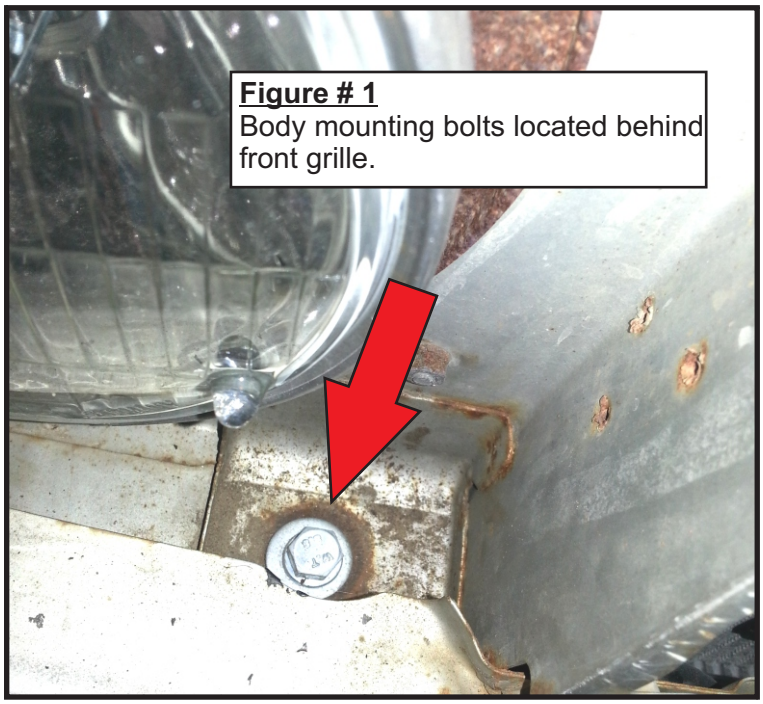

Figure # 1
Body mounting bolts located behind front grille.

03/DEC/14 BEL ECN# 14054

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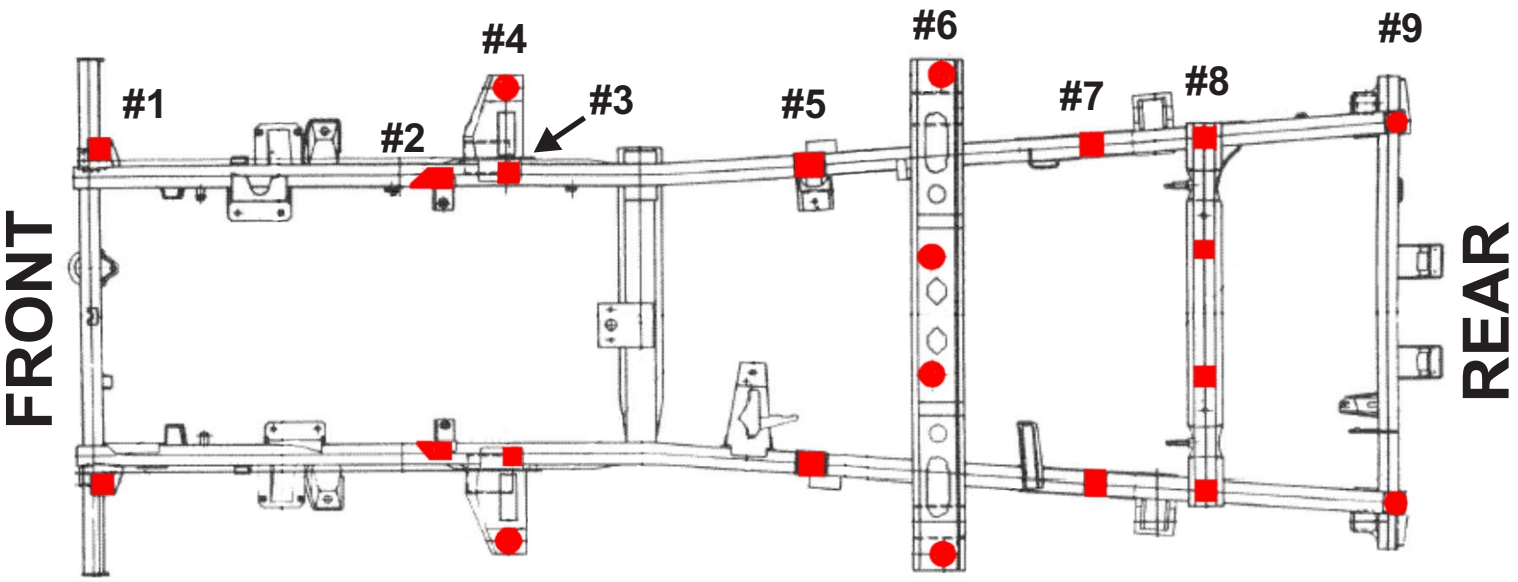
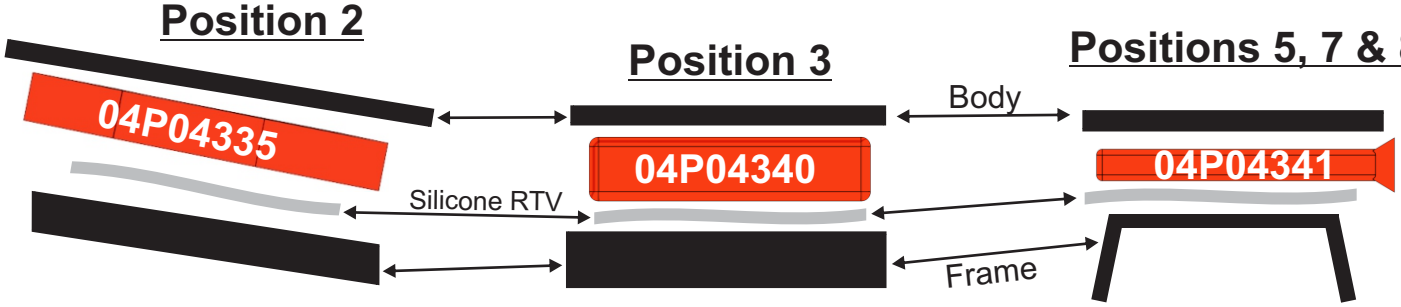
Position Number and Bushing Location



PLEASE READ ALL INSTALLATION TIPS BEFORE REMOVING ANY ORIGINAL BODY MOUNTS!

•Installation:
•Use the illustrations on pages 2 and 3 to position all the mounts in their proper locations.
•Use Silicone RTV or any other flexible adhesive to **adhere the bottom side** of the body mount bushings in positions #2, #3, #5, #7, & #8 to the frame. Make sure the surfaces on the frame are clear of any dirt and oil before setting mounts in place. Note the orientation of the #2 position mount in the diagram above.
•Use the new bolts supplied in the kit to align the mounts in the #1 and #9 positions, but do not tighten until the body has been lowered back on the frame.
•After the body has been lowered back onto the new mounts, begin torquing all mounting bolts to 15-25 lb-ft in positions #1, #4, #6 and #9.
•Check and tighten up the heater core hoses if previously loosened.
•Re-attach the front brake line bracket to the fender and torque bolts to 5-7 lb-ft.
•Re-attach the fuel filler neck hose and breather hose to the filler neck ports and tighten hose clamps back in place.
•Reinstall front plastic grille and verify all mounting nuts and bolts have been tightened correctly.

•The new bushings will take a few 100 miles of driving before completely settling in their positions and it is highly recommended to recheck all mounting nuts and bolts to their proper torque values.



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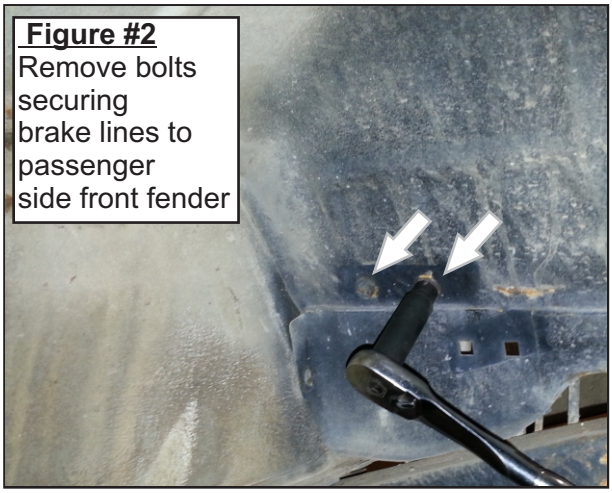
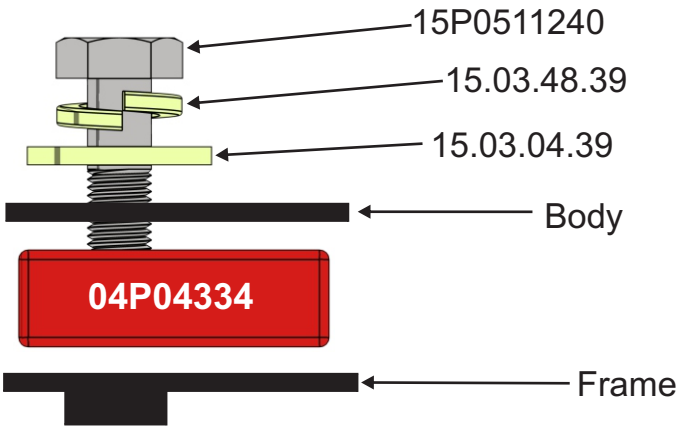


Figure #2
Remove bolts securing brake lines to passenger side front fender

Position 1



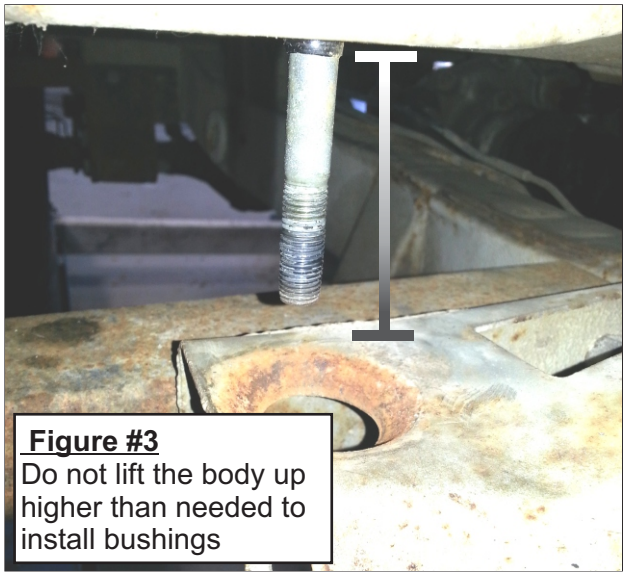
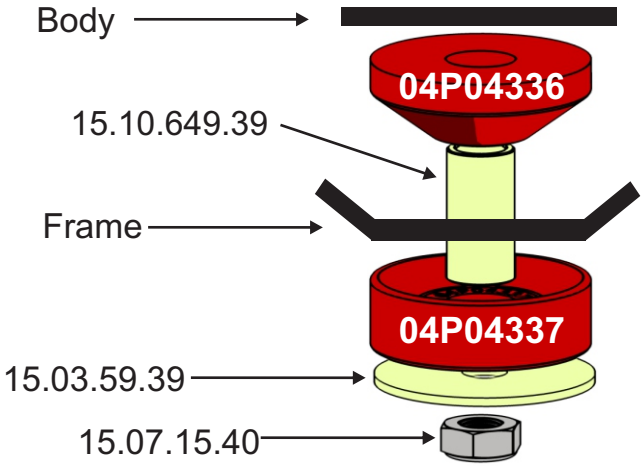


Figure #3
Do not lift the body up higher than needed to install bushings

Positions 4 & 6



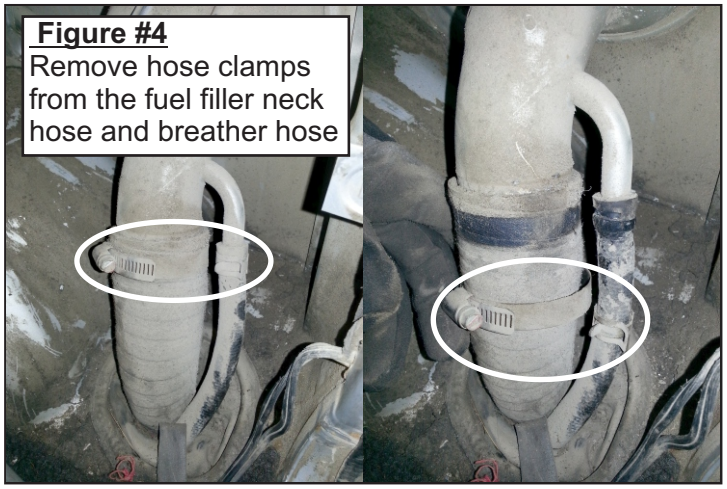
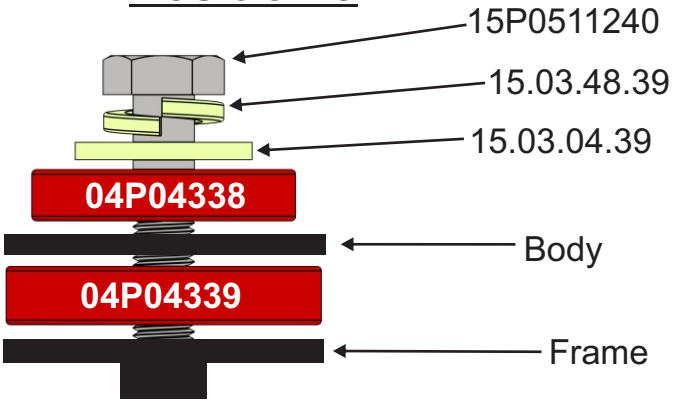


Figure #4
Remove hose clamps from the fuel filler neck hose and breather hose

Position 9



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