

# Installation Instructions

## For set # 3.1155

### 2008-13 Cadillac CTS, 2009-13 CTS-V Motor Mount Kit



1131 VIA CALLEJON, SAN CLEMENTE, CA 92673

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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 vehicle is in excellent mechanical condition and there are no suspension or steering related problems. This part has been designed to work only with a vehicle 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.

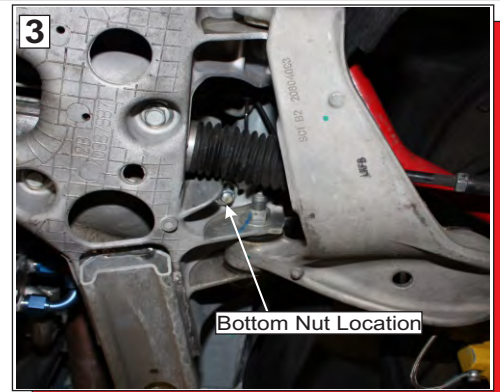
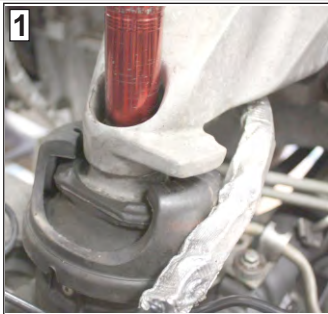
**NOTE: These parts are high-performance replacement motor mounts. Increased driveline noise, vibration, and general NVH may occur.**

#### Parts list:

- 2 - 15.12.121.XX Motor Mount Asm.
- 4 - 15.05.87.42 M12-1.75 x 30mm Bolt
- 1 - 17607 Instruction Sheet

#### O.E. Motor Mount Removal

- Using a floor or engine jack, support engine to secure its position at stock height
- Starting with one side, remove the nut from the stud on top of the O.E. motor mount (Pic 1)
- Loosen stud from mount, but do not remove (Pic 2)
- Lift motor slightly in order to take weight off of bottom mount. Remove nut from the bottom of the O.E. motor mount (Pic 3)
- Lift motor again in order to provide enough clearance for the bottom stud to be removed from the bottom bracket. Remove the already loose stud from the top of the mount and slide motor mount out from the supporting brackets
- Proceed to install Energy Suspension motor mount before beginning the removal of the O.E. mount on the opposite side



#### Motor Mount Installation

- Ensure that dowel pins on top and bottom of the Energy Suspension motor mounts are clocked 180 deg. from each other (if the top dowel is at 12 o'clock, the bottom should be at 6 o'clock)
- Keep motor in the same secure and slightly lifted position as during O.E. mount removal
- Align dowel pin on bottom of mount with hole in bottom frame bracket (Pic 4). Insert provided M12-1.75 bolt into threaded hole on bottom of mount. Hand tighten only. \*Use of threadlocker is recommended\*
- Lower the motor slowly and ensure dowel pin on top of mount aligns with hole in top motor bracket (Pic 5)
- Insert provided bolt in top of new motor mount and tighten. \*Use of threadlocker is recommended\*
- Once both motor mounts have been installed, remove engine jack, and torque the bolts on the top and bottom of each mount to 93 lb-ft (Pic 6)



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