

# Installation instructions

## For set # 7.4104

### 04-15 Nissan Titan Crew Cab 2WD-4WD



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 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.

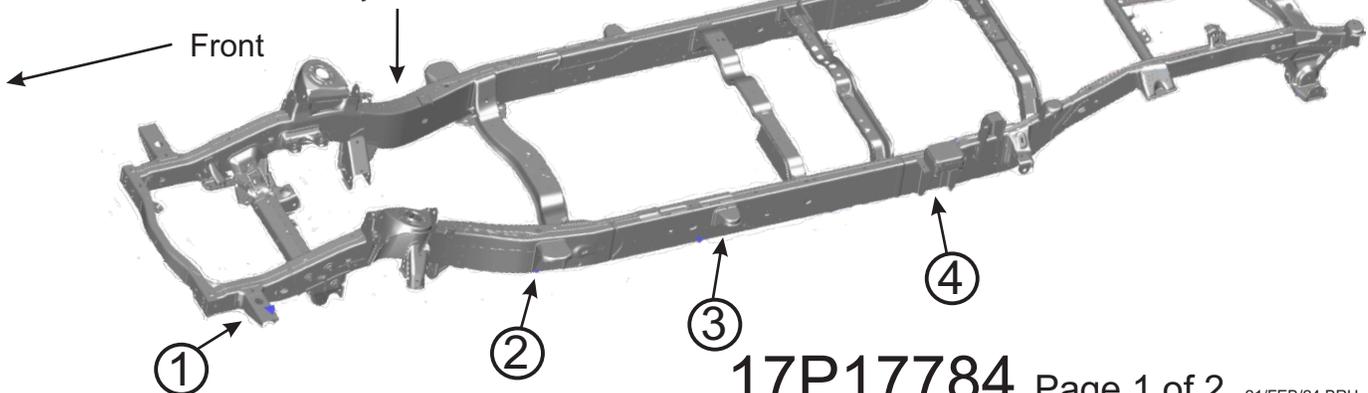
#### **Body Mount Removal – Remove and Replace ONE side at a time!**

Loosen all bolts on both sides and remove nuts from position # 2 & 4 from both sides. To support the body use 2 2"X 4" wood blocks about 10" to 12" long, use a circular saw and cut a clearance groove length wise about an inch deep to clear the pinch seam. Use a bottle jack under each block positioned with the pinch seam in the groove. (SEE PIC. 2) These blocks help spread the load when lifting the body above the frame. Remove the body mount bolts on one side and lift body about 2"-3" above the original body mounts, lifting from both jacking points at the same time. Always keep doors shut and maintain a watchful eye on the fan shroud, brake lines, shift linkage, steering coupler, fuel lines, electrical wiring and various hoses for sufficient clearance when raising body. The original mounts should just be able to slide up and out of their frame perches. (Passenger side shown) Next install the adapter plates, bolts, washers and nuts. Do Not tighten nuts and bolt at this time. Using the diagrams on page 2, first install the upper body mounts and upper washers. Slowly lower the body until body is just about to sit on the upper washers then stop. You should be able to freely move the upper washers by hand. Now install the inner sleeves, lower body mount, washer into the top bushings with the factory bolts and thread in about 3 to 4 threads. Lower body down and move to the other side and repeat the same thing. Tighten adapter plate bolts to 40lb-ft. Tighten factory bolts to 70lb-ft. Check torque after 500 miles.



#### Mount Position Diagram

Remove protective plastic cover in front of position # 2 passenger side (SEE PIC. 1) from wire harness connector and disconnect before lifting body from frame.



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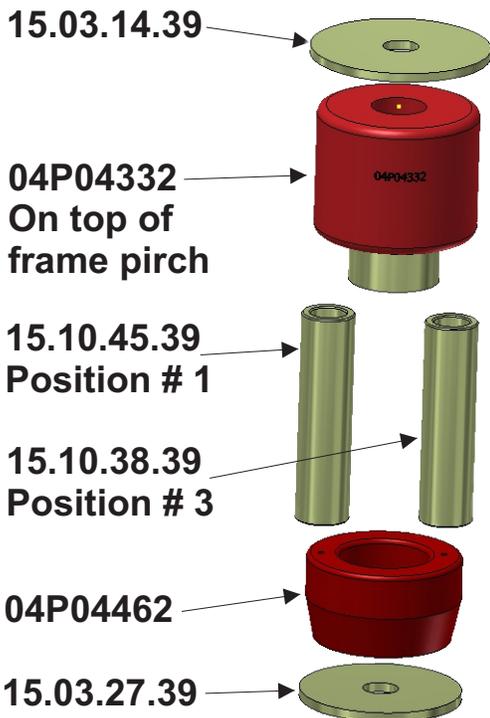
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#### Parts list: 7.4104

- 4 ea - 04P04332 ( Positions 1 & 3 Upper body mount).
- 4 ea - 04P04462 ( Positions 1 & 3 Lower body mount).
- 4 ea - 4164 ( Positions 2 & 4 Upper body mount).
- 4 ea - 4165 ( Positions 2 & 4 Lower body mount).
- 8 ea - 15.03.14.39 (2.50" x .500" x .125" Flat washer Position 1 & 3 Upper & Position 2 & 4 Lower).
- 4 ea - 15.03.27.39 (2.50" x .500" x .187" Flat washer Position 2 & 4 Upper).
- 4 ea - 15.03.49.39 (2.25" x .500" x .132" Flat washer Position 1 & 3 Lower).
- 16 ea - 15.03.69.39 (.812" x .406" x .100" Flat washer Position 2 & 4).
- 8 ea - 15.05.13.38 (3/8-16" x 1-1/4" Position 2 & 4).
- 8 ea - 15.07.01.40 (3/8-16" Nylock nut Position 2 & 4).
- 4 ea - 15.08.22.39 (Adapter plate Position 2 & 4).
- 2 ea - 15.10.38.39 (.750" x .500" x 2.900" Sleeve Position 3).
- 2 ea - 15.10.45.39 (.750" x .500" x 3.000" Sleeve Position 1).
- 2 ea - 15.10.140.39 (.750" x .480" x 2.275" Sleeve Position 2).
- 2 ea - 15.10.584.39 (.750" x .480" x 2.160" Sleeve Position 4).
- 1 - 17P17784 (this instruction sheet).

#### POS. 1 & 3



#### POS. 2 & 4

