

# Full Throttle Suspension

15963

BOLT ON TRACTION BAR KIT

2011-2013 2500/3500 2WD & 4WD

FITS STOCK 7" AND 10" FTS KITS

- 2) 63' TRACTION BARS
- 2) AXLE BRACKETS
- 2) FRAME BRACKETS
- 8) BUSHINGS
- 4) SLEEVES
- 1) HARDWARE KIT

## INSTRUCTIONS:

- 1) Disconnect the negative terminal on the battery. Jack up the rear end of the vehicle and support the frame rails with jack stands. Supporting the rear differential remove and discard the rear shocks and u bolts. Lower the axle down slowly. Use care not to over extend the brake hose. NEVER WORK UNDER AN UNSUPPORTED VEHICLE!
- 2) With the vehicle on flat ground, set parking brake and block tires.
- 3) Working from the driver side of the vehicle, remove the rear axle u bolt nuts and washers. Remove the stock u bolts and bottom plate on the vehicle. Do not loosen the passenger side at this time.
- 4) Install the driver side axle bracket up to the bottom of the axle housing. Using the stock u bolt nuts and washers tighten the bracket to 90 LBS.
- 5) Install the supplied bushings and sleeves into the tractions bars.
- 6) With the vehicle on the ground, Install the traction bar to the axle mount using  $\frac{1}{2}$ " x 4-1/2" Bolt, nut and washers, leave loose.
- 7) Locate the frame mount and attach it to other end of the traction bar using  $\frac{1}{2}$ " x 4-1/2" Bolt, nut and washers leave loose
- 8) Swing the frame mount up to the bottom of the frame with the tires on the ground and center punch the bracket holes to the frame.
- 9) Drill frame holes to 11/16" diameter .
- 10) Install supplied  $\frac{1}{2}$ " nut instert.
- 11) Attach the frame mount using  $\frac{1}{2}$ " x 1  $\frac{1}{2}$ " Bolts and washers and torque to 75LBS
- 12) Tighten the  $\frac{1}{2}$ " x 4-1/2" bushing bolts to 75LBS.
- 13) Repeat same procedure for passenger side



This is what the insert should look like if correctly installed



THIS IS THAT THE TOOL WILL LOOK LIKE TO INSTALL THE INSERT



THIS IS WHAT YOU WILL NEED TO INSTALL THE INSERT INTO THE FRAME

WISE GRIPS

$\frac{1}{2}$  X  $3 \frac{1}{2}$ " BOLT

METAL SLEEVE 2.5" LONG WITH A  $\frac{1}{2}$ " HOLE THREW THE CENTER





## Product Warranty and Warnings-

FTS provides a Limited Lifetime Warranty to the original retail purchaser who owns the vehicle, on which the product was originally installed, for defects in workmanship and materials.

The Limited Lifetime Warranty excludes the following FTS items; bushings, bump stops, ball joints, tie rod ends, limiting straps, cross shafts, heim joints. These parts are subject to wear and are not considered defective when worn. They are warranted for 60 days from the date of purchase for defects in workmanship.

Take apart shocks are considered a serviceable shock with a one year warranty on leakage only. Service seal kits are available separately for future maintenance. All other shocks are covered under our Limited Lifetime Warranty.

FTS does not warrant any product for finish, alterations, modifications and/or installation contrary to FTS instructions. Alterations to the finish of the parts including but not limited to painting, powder coating, plating and/or welding will void all warranties. Some finish damage may occur to parts during shipping which is considered normal and is not covered under warranty.

FTS products are not designed nor intended to be installed on vehicles used in race applications or for racing purposes or for similar activities. (A "RACE" is defined as any contest between two or more vehicles, or any contest of one or more vehicle against the clock, whether or not such contest is for a prize). This warranty does not include coverage for police or taxi vehicles, race vehicles, or vehicles used for government or commercial purposes. Also excluded from this warranty are sales outside of the United States of America.

Installation of most suspension products will raise the center of gravity of the vehicle and will cause the vehicle to handle differently than stock. It may increase the vehicle's susceptibility to a rollover, on road and off road, at all speeds. Extreme care should be taken to operate the vehicle safely at all times to

prevent rollover or loss of control resulting in serious injury or death.

FTS makes every effort to ensure suspension product compatibility with all vehicles listed in the catalog, but due to unknown auto manufacturers production changes and/or inconsistencies by the auto manufacturer, FTS cannot be responsible for 100% compatibility, including the fitment of tire and wheel sizes listed. The Tire and Wheel sizes listed in FTS's catalog are only a guideline for street driving with noted fender trimming. FTS is not responsible for damages to the vehicle's body or tires.

FTS's obligation under this warranty is limited to the repair or replacement, at FTS option, of the defective product only. All costs of removal, installation or re-installation, freight charges, incidental or consequential damages are expressly excluded from this warranty. FTS is not responsible for damages and/or warranty of other vehicle parts related or non related to the installed FTS product. This warranty is expressly in lieu of all other warranties expressed or implied. This warranty shall not apply to any product that has been subject to accident, negligence, alteration, abuse or misuse as determined by FTS.

FTS suspension components must be installed as a complete system including shocks as shown on our current website. All warranties will become void if FTS parts are combined and/or substituted with other aftermarket suspension products. Combination and/or substitution of other aftermarket suspension parts may cause premature wear and/or product failure resulting in an accident causing injury or death. FTS does not warrant products not manufactured by FTS.

Installation of FTS product may void the vehicles factory warranty; it is the consumer's responsibility to check with their local vehicle's dealer for warranty disposition before the installation of the product.

It is the responsibility of the distributor and/or the retailer to review all warranties and warnings of FTS products with the consumer prior to purchase.

FTS reserves the right to supercede, discontinue, change the design, finish, part number and, or application of parts when deemed necessary without written notice. FTS is not responsible for misprints or typographical errors within the catalog or price sheet.

Thank You for choosing Full Throttle Suspension

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