

64400



2003-2012 DODGE 2500/3500 DOUBLE FRONT SHOCK HOOP KIT 6", 8", 10" 12" AND 15" FTS KITS

1) Left Shock Hoop	BAG 1	Bag 2
1) Right Shock Hoop	6) ½ X 1 ½" Bolts	2) ½ X 4" Bolts
2) Inner Shock Bracket	2) ½ X 4 ½" Bolts	2) ½" Nylock Nuts
2) Outer Shock Brackets	4) ½" X 3 Bolts	4) ½" Washers
1) Left Lower Shock Bracket	10) ½" Nylock Nuts	4) Aluminum Spacers
1) Right Lower Shock Bracket	20) ½" Washers	
2) Hoop Connector Brackets	2) 7/16 X 3 ¼" Bolts	
1) Hardware Kit	2) 7/16 Nylock Nuts	
	4) 7/16 Washers	

NEVER WORK UNDER AN UNSUPPORTED VEHICLE!

- 1) Disconnect the negative terminal on the battery. Jack up the front end of the truck and support the frame rails with jack stands. Remove the front tires.
- 2) Support the front axle with 2 floor jacks.
- 3) Remove the bolts attaching the brake line tabs to the front axle. Remove brake lines and install new FTS supplied brake lines.
- 4) Remove the front sway bar end links from the axle mount. Remove the bolts securing the sway bar mounts to the frame and set the sway bar aside, save all sway bar hardware.
- 5) Remove the hardware attaching the drag link to the pitman arm and separate the tie rod end from the pitman arm. Save the hardware.
- 6) Remove the nut securing the track bar to the frame and separate. Save the track bar hardware.
- 7) Remove the top nuts on the front shocks and the lower bolts securing the shock to the axle. Leave the shock loose inside the factory coil spring at this time. Save the lower hardware and discard the upper.
- 8) Loosen the bolts securing the link arms to the frame and front axle, **DO NOT REMOVE THE BOLTS**. Lower the jacks supporting the front axle and remove the coil springs. Save the upper rubber insulator and discard the shocks. **USE EXTREME CARE WHEN WORKING WITH COILS THAT ARE UNDER LOAD!**
- 9) There will be a metal ring between the frame and the rubber insulator you will need to press out one of the studs.
- 10) Install the upper shock bracket on the top side of the frame. The stall the factory ring from the bottom side of the coil bucket .Install the 7/16 x 3 ¼" bolt into the ring where you removed the stud. Note this bolt will be located closes to the outside of the coil pocket. Install the outer shock hoop bracket as show in pic below
- 11) Insert the sleeve into the frame; now install the shock hoop using the ½" x 1 ½" bolt in the front hole and the ½" x 4" the rear hole.
- 12) Before install the shock into the truck, you will need to install the bushing in the bottom of the shock. The sleeve in the bottom should measure .565 thru hole and 1.625 wide
- 13) **BEFORE INSTALLING ON THE TRUCK**. The shocks must be placed inside the coil spring before it is installed

14) Install the coil springs. Locate the top of the coil spring (smaller diameter end). Place the original coil spring insulator on top of the coil spring and place the coil spring onto the front axle. Align the coil spring in the upper and lower pockets and raise the jacks supporting the front axle. Raise the axle just enough to compress the coil spring 1/4". USE CARE TO NOT LIFT THE TRUCK OFF OF THE SUPPORT STANDS.

15) When install the coil spring and the shock into the truck, you will need to fish the reservoir from the bottom up through the coil bucket then through the upper shock mount. Use the supplied aluminum spacer to mount the upper end of the shock.

16) Use factory hardware at the bottom shock mount.

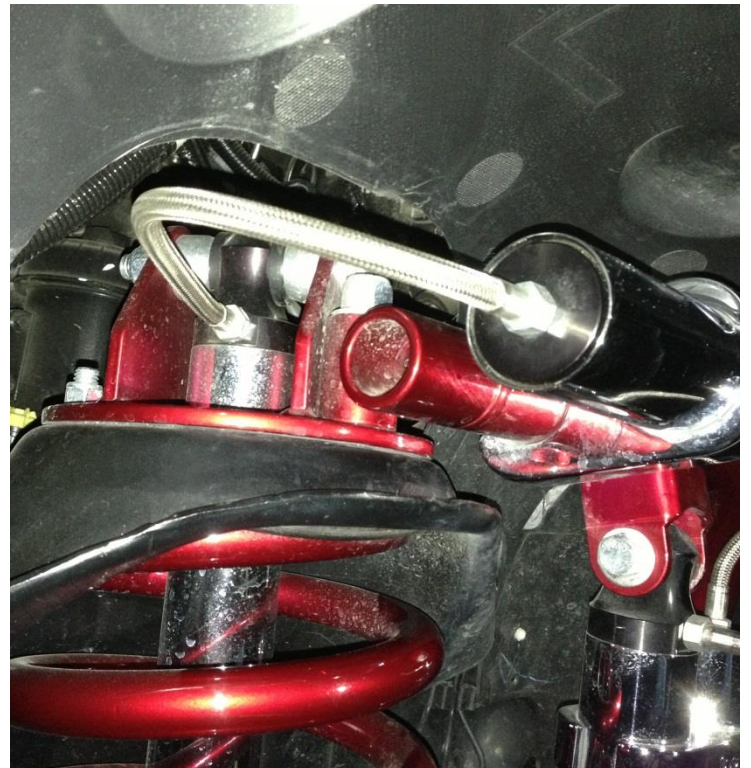
17) Install the 1 1/2" to 2.0" shock clamp to the shock hoops and reservoir as shown in pic below.

18) Install lower shock mount.

19) Install shock on hoop as shown below

THIS IS A DOUBLE SHOCK SETUP SHOW

THIS IS A TRIPLE SHOCK SETUP SHOWN BELOW



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.

Reservoir 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 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 manufacturer's 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 supersede, 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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