

61101



2002-2005 DODGE 1500 4WD

With vehicle securely on jack stands or on a automotive lift disconnect the battery and remove secure the steering wheel from turning by running the seat belt through it and locking it in place. Remove the front tires and set aside. Remove the factory strut assembly by removing the lower bolt attaching it to the control arm and then remove the 3 upper nuts, do not remove the 1 center upper nut as the coil assembly will come apart. Remove the factory sway bar and end links noting the direction that it was removed from the vehicle. Remove the brake caliper and bracket as well as the rotor. Disconnect the tie rod from the steering knuckle then remove. Remove the spindle nut from the CV axle then remove the knuckle by removing the upper and lower ball joints. Remove the upper and lower control arms. Remove the front driveline. Disconnect the differential vent tube as well as any axle disconnects lines. Remove the front differential assembly. Disconnect the steering shaft assembly from the steering rack as well as the power steering lines from the rack. Remove the steering rack assembly. Disassembly is now complete.

Cutting

Install the front lower control arm drop bracket using the supplied 18mmx150mm bolts. Mark the frame just above the cutout on the left side of the cross member for clearance for the power steering lines. Remove the cross member and set aside. Mark the rear lower control arm gusset. Using a plasma cutter, die grinder, or other suitable cutting device cut out the marked areas. Dress the cut areas and paint to prohibit rust. Cutting is now complete.

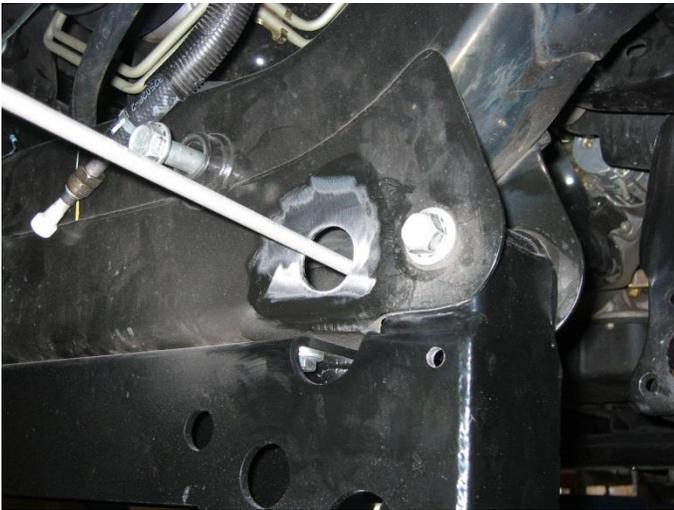
Assembly

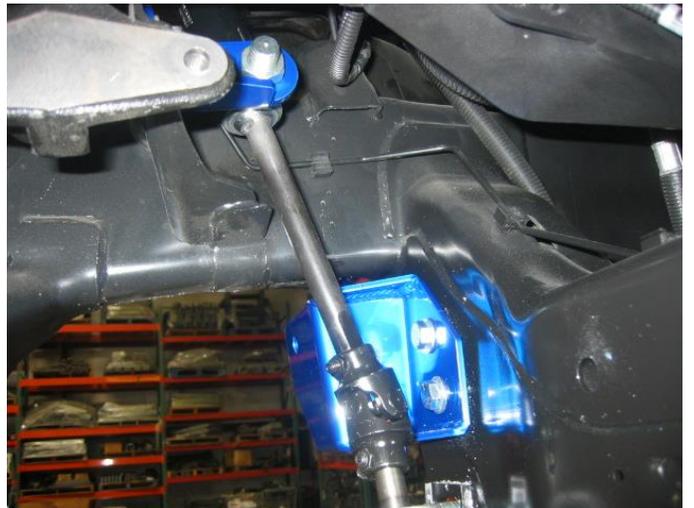
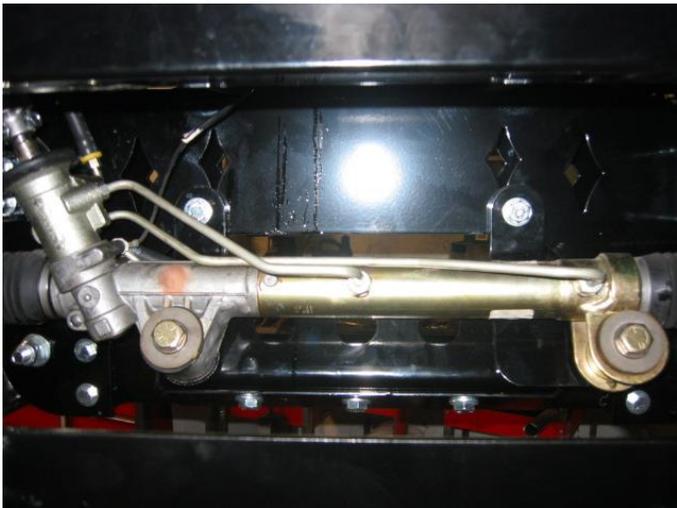
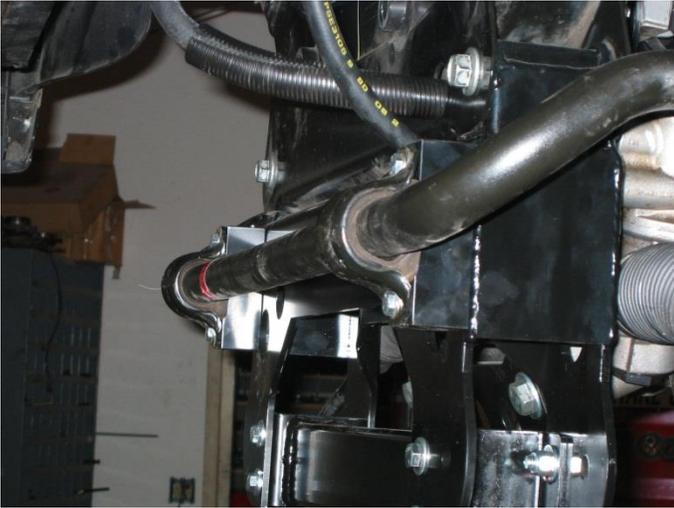
Reinstall the front lower control arm drop bracket using the supplied 2) 18mmx150mm bolts and tighten. Install the steering rack drop assembly as well as the steering rack using the supplied 2) 5/8x 2 bolts at the top and 2) 16mmx70mm bolts but do not tighten at this time. Install the front lower control arm support using the supplied 8) 7/16x 1-1/4 bolts and 3) 1/2x 1-1/2 bolts but do not tighten at this time. Pull slack from the power steering high pressure hose and bend the stock line down at the top of the pump making the line long enough to reconnect to the steering rack. Now using the supplied hose reconnect the low pressure return line to the steering rack. Now tighten up all bolts installed up until this point. Install the steering shaft support using the factory engine mount bolt. Install the steering shaft extension using the supplied u-joint and support bearing.

Install the left rear diff drop using the factory bolts. Using the supplied 2) 1/2x2-1/4 bolts install the left front diff drop also. Install the right diff drop using the supplied 2) 1/2x 2-1/2 bolts. Now you may reinstall the diff assembly and reconnect all the lines. Use the supplied 2) 9/16x 2-1/2 bolts on the left rear, 2) 1/2x 2-1/4 on the left front, and 2) 1/2x 2-1/2 on the right side. Tighten all hardware associated with the front differential and drop brackets.

Install the rear lower control arm drop using the supplied 2) 18mmx 150mm bolts but do not tighten at this time. Reinstall the lower control arms using the factory hardware. Tighten the rear lower control arm drop at this time. Install the right front upper control arm drop using the factory hardware at the top. Install the right factory upper control arm into the upper mount on the rear lower control arm drop and the just installed front upper control arm drop using the supplied 2)9/16x3-1/2 bolts. With the front upper control arm drop flat on the frame mark and drill 2) 1/2" holes to mount the front upper control arm mount. Secure the upper control arm drop to the frame using supplied 2) 1/2x1-1/2 bolts and tightens. Install the strut spacer 9 using supplied 3)7/16x1-1/4 bolts. Reinstall the strut assembly using factory hardware. Reinstall the factory steering knuckle. Repeat all steps on the left side.









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 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.

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