

(NOTE- Do not attempt to unload or remove torsion bars without the proper torsion bar tool. Torsion Bars are under extreme tension)

6) Remove the sway bar end link bolt using a 15mm socket and a 15mm open end wrench. Do this on both sides.

7) Remove the brake caliper using an 21mm socket. Secure the caliper so that the brake line does not get stretched or damaged. Repeat on opposite side.

8) Unbolt the tie rod end using a 21mm socket. A additional wrench may be need to keep the ball joint from spinning. Repeat on opposite side.

9) Remove the EIGHT 15mm axle shaft bolts. Set the hardware aside as it will be reused. Repeat on opposite side.

10) Separate the upper ball joint from the steering knuckle. Repeat on opposite side.

11) Unplug all electrical plugs and vent tubes from the front differential.

12) Remove the front differential.

13) Remove the two stock differential mounts.

14) Remove the stock steering linkage from the pitman arm and idler arm.

15) Mark the position of the alignment cams. Remove the 21mm UCA nuts, cams, and bolts.

16) Remove the upper control arm. Repeat on other side.

17) Locate the stock steering linkage and you will need to grind the thicker side to match the thinner side. See pic below

18) After grinding the steering linkage to the proper thickness reinstall the steering linkage facing forward (do not tighten at this time) See pic below.

19) With the steering linkage facing forward you will need to grind the frame for clearance. See pic below.

20) After grinding the frame for proper clearance you can tighten the steering linkage to factory specs.

21) Reinstall the factory diff drops using the supplied 1" spacer and the 9/16 x 5 1/2 bolts and tighten at this time.

22) Raise the differential back up into its mounting location. Take care not to pinch the electrical line. (4WD Only)

23) Using the stock hardware reinstall the differential and tighten.

24) Reconnect the tabs from the wiring harness and plug the connector back in. (4WD only)

25) Re-attach the differential breather hose. (4WD Only)

26) Put the cross member back in place. Use of a rubber mallet may be needed to help persuade the cross member mounting holes to line up. (4WD Only)

27) Install the FTS upper control arm. The upper ball joint will be placed inside the control arm use the 3/8 x 1 1/4 bolts and tighten. Install the poly bushing into the control arm with the sleeves supplied (Use some grease on the bushing) Install the cam bolts and cams and line up your markings.

28) Re-install the tie rod into the stock spindle. Tighten to 90 ft-lb.

29) Install the front brake calipers using the factory hardware and 21mm socket. Tighten to 146 lb-ft.

30) Re-install the front driveshaft using the factory hardware and clamps. Tighten to 26 ft-lb. (4WD Only)

31) Reconnect the inner CV shaft using the factory hardware. Tighten to 45 ft-lb. (4WD Only)

32) Reconnect the ABS line and place back in factory location. Reinstall the sway bar end links on both sides. Tighten to 45 lb-ft.

33) Install the shock spacer on the top side of the shock and reinstall the shocks using the 7/16" x 1 3/4" bolts supplied and the factory bolt at the bottom and tighten at this time.

34) Install the FTS skid plate using the Factory bolts into the existing holes in the front and rear cross members. (4WD Only)

35) Install FTS torsion keys into position, and then slide torsion bar into hex as original.

36) Use torsion bar tool load tool torsion keys up just enough to insert adjuster blocks into cross member, Remove torsion bar loading tool.

37) Now install torsion key adjuster bolt and adjust for initial setting. Final adjustments will be done during alignment.

38) Reinstall tires and torque lugs to factory specs.

39) FRONT END ALIGNMENT IS REQUIRED AT THIS TIME.

REAR BLOCK INSTALLATION:

1) Unhook the ABS line located behind the rear bump stops on the underside of the frame on both sides.

2) Support the axle with a floor jack. Remove the rear shock with a 21mm socket and wrench.

3) Using a socket to remove the factory U-bolt nuts, axle plate, and U-bolts on the passenger side only.

4) Lower the axle.

5) Install FTS 1" block.

6) Install the new U-bolts, factory axle plate, washers, and nuts provided. Tighten to 160 lb-ft.

7) Install the shock into the lower mount using the factory hardware. Tighten to 110 lb-ft.

8) Tighten the upper shock mount to 110 lb-ft. Repeat steps 1-8 on opposite side. 9) you may need to bend the upper and lower brake line brackets to allow enough slack in the line at full droop.

THANK YOU FOR USING FULL THROTTLE SUSPENSION LEVELING KITS



REMOVE THE STOCK KEYS



GRIND FRAME FOR STEERING CLEARANCE



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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