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Installation Instructions

JK HYD. BUMPSTOP
2007-18 JEEP JK

PARTS LIST:

	FTS24186	JK Hyd Bump Stops
QTY	Part #	Description
2	FTS840102	Bumpstop
1	FT50351BK	Bumpstop Can Mount Driv
1	FT50352BK	Bumpstop Can Mount Pass
1	FT50379	Hardware Sub-Assembly

	FTS240892	JK Hyd Bump Stops
QTY	Part #	Description
2	FTS840052	Bumpstop
1	FT50351BK	Bumpstop Can Mount Driv
1	FT50352BK	Bumpstop Can Mount Pass
1	FT50379	Hardware Sub-Assembly

	FT50379	Hardware Sub-Assembly
QTY	Part #	Description
4	43141501081	7/16"-14 x 1 1/2" Hex Bolt
4	43140003052	7/16"-14 NyLock Nut
8	43000005081	7/16" SAE Flat Washer
4	50131251081	1/2"-13 x 1 1/4" Hex Bolt
8	50130004152	1/2"-13 C-Lock Nut
12	50000005081	1/2" SAE Flat Washer
4	50000005252	1/2" Split Washer
1	FTLOCK	Thread Lock
1	FTREGCARD	Registration Card
1	FTAS16	Decal
1	FTAS12	Sticker
2	FT240892i	Instructions

CHECK ALL PARTS INCLUDED IN THIS KIT TO THE PARTS LIST ABOVE BEFORE BEGINNING INSTALLATION OF THIS KIT. IF ANY PIECES ARE MISSING, CONTACT FABTECH AT 909-597-7800.

READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION!

THIS KIT CAN ONLY BE INSTALLED WITH FABTECH'S COIL OVER CONVERSION SYSTEM.

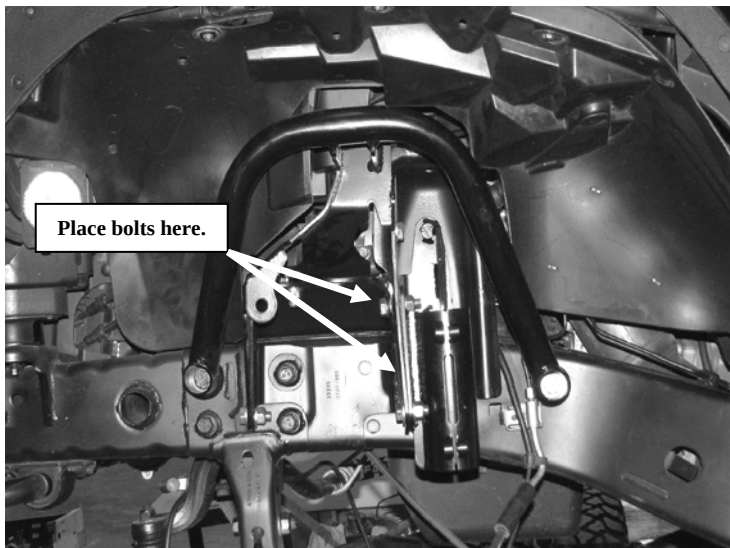
FOLLOW THE CARE AND WARRANTY INSTRUCTIONS SUPPLIED IN THE DIRT LOGIC BUMP STOP BOX

TOOL LIST: (NOT INCLUDED)

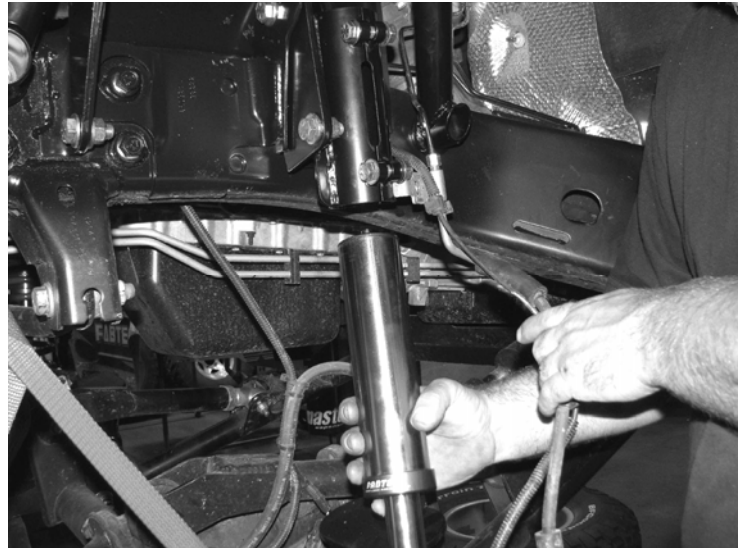
- o Floor Jack(s)
- o Jack Stands
- o Assorted Metric & S.A.E Sockets
- o Torque Wrench

INSTRUCTIONS:

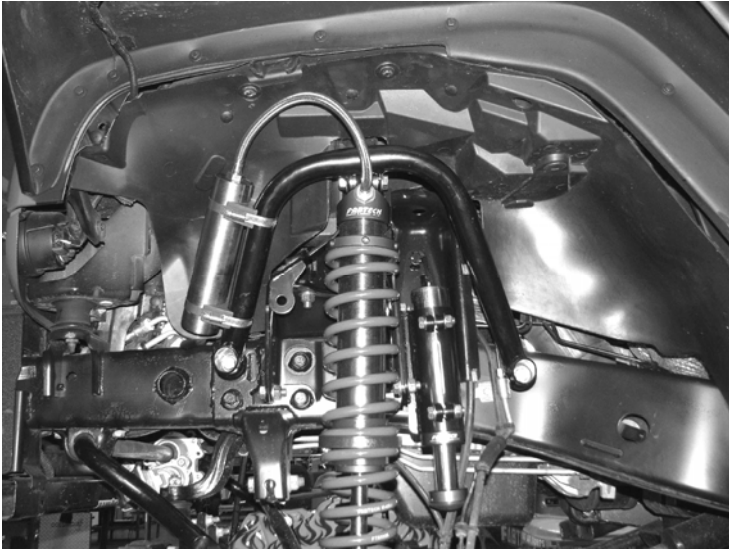
1. Disconnect the negative terminal on the battery. Jack up the front end of the truck and support the front frame rails with jack stands. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE!** Remove the front tires.
2. If you are adding this Hydraulic Bump Stop kit to a truck that already has a Fabtech coil over kit installed, you will need to remove the coilover from the truck for this installation. **Do not allow the axle to hang free once the coilovers are removed; support the axle with two floor jacks.**
3. Locate FT50351BK (driver) Hydraulic bump stop mount. Place bump stop mount into factory shock tower with the two studs in the two factory holes. Install one flat washer and one nut on each stud. Insert two 1/2" bolts and washers into the pre-drilled holes in the shock hoop, and then place one flat washer and one nut on the bolts and tighten to **127 Ft. Lbs. SEE PHOTOS BELOW.



4. Locate the Fabtech bump stop and insert the hydraulic bump stop into the mount by sliding the bump stop in from the bottom up. Using the supplied 7/16"-14 x 1 1/2" bolts, nuts, and washers clinch the bump stop into the can. Make sure that the collar of the bump stop is flush with the bottom of the mount. **TORQUE TO 35 FT LBS. Over tightening these bolts will cause the bump stop to hang up inside the mount after being compressed. DO NOT OVER TORQUE. SEE PHOTOS BELOW.**



5. Repeat steps three and four on the passenger side of the truck.
6. If you are installing this hydraulic bumpstop kit at the same time as the FTS24087 coilover kit continue the installation per those instructions. If the coilover kit was installed previously, reinstall the coilover shock into its position on the Jeep. SEE PHOTO BELOW.



7. Reinstall the front tires and set the Jeep back on the ground. Measure front height of the Jeep and compare them to the measurements that were taken at the beginning of the install. Turning the steering wheel fully in each direction, check for contact between the tires and any newly installed components. Drive the truck fifty miles and complete a full front-end alignment. Re-adjust headlights

**** USE THE SUPPLIED THREAD-LOCKING COMPOUND ON ALL HARDWARE ****

S.A.E. Bolt Torque Specification Chart

Grade 5



Grade 8



Metric



Standard

Metric

	Grade 5	Grade 8			Grade 8.8	Grade 10.9
SIZE	ft. lbs.	ft. lbs.		SIZE	ft. lbs.	ft. lbs.
1/4"	10	14		M-6	7	12
5/16"	21	29		M-8	17	29
3/8"	37	52		M-10	35	58
7/16"	59	83		M-12	65	100
1/2"	90	127		M-14	100	160
9/16"	129	184		M-16	150	240
5/8"	179	254		M-18	200	300
3/4"	317	450		M-20	300	400

RETORQUE ALL NUTS, BOLTS AND LUGS AFTER 50 MILES AND PERIODICALLY THEREAFTER.

For technical assistance call: 909-597-7800

Product Warranty and Warnings-

Fabtech 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 Fabtech 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.

Fabtech does not warrant any product for finish, alterations, modifications and/or installation contrary to Fabtech's instructions. Alterations to the finish of the parts including but not limited to painting, powdercoating, 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.

Fabtech 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. Fabtech front end Desert Guards may impair the deployment or operation of vehicles equipped with supplemental restraining systems/air bag systems and should not be installed if the vehicle is equipped as so.

Fabtech 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, Fabtech cannot be responsible for 100% compatibility, including the fitment of tire and wheel sizes listed. The Tire and Wheel sizes listed in Fabtech's catalog are only a guideline for street driving with noted fender trimming. Fabtech is not responsible for damages to the vehicle's body or tires.

Fabtech's obligation under this warranty is limited to the repair or replacement, at Fabtech 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. Fabtech is not responsible for damages and/or warranty of other vehicle parts related or non related to the installed Fabtech 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 Fabtech.

Fabtech suspension components must be installed as a complete system including shocks as shown in our current catalog. All warranties will become void if Fabtech 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. Fabtech does not warrant products not manufactured by Fabtech.

Installation of Fabtech 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 Fabtech products with the consumer prior to purchase.

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