



4331 EUCALYPTUS AVE. ~~ CHINO, CA 91710
909-597-7800 Fax 909-597-7185
2005 - 2007 FORD F-250/350 SUPER DUTY 4WD
FTS22026
6" & 8" RADIUS ARM BOX KIT



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2005 - 2007 FORD F-250/350 SUPER DUTY 4WD
FTS22026
6" & 8" RADIUS ARM KIT

	FTS22026	Radius Arm Box Kit			FT30155 Hardware Kit
Qty	Part #	Description		Qty	Description
1	FT30125BK	Custom Radius Arm Driver		4	1/4"-20 x 1 1/4" Bolt
1	FT30126BK	Custom Radius Arm Pass		4	1/4"-20 Nyloc Nut
2	FT30169BK	Sway Bar Frame Drop Bracket		8	1/4" SAE Flat Washer
1	FT30122	Pitman Arm		2	5/16"-18 x 1 1/4" Bolt
1	FT30143BK	Frt. Bump Stop Drop Driver		2	5/16" SAE Flat Washer
1	FT30144BK	Frt. Bump Stop Drop Passenger		2	5/16" Split Washer
2	FT30153	Sway Bar End Link		4	7/16"-14 x 1 1/2" Bolt
1	FT30175BK	Trac Bar Drop Bracket		4	7/16"-14 Nyloc Nut
1	FT30178BK	Trac Bar Support Tube		8	7/16" SAE Flat Washer
1	FT30133	Steering Stab. Drop Bracket		4	3/8"-16 x 1 1/4" Bolt
1	FT30315	Hdwr Sub-Assembly Kit		4	3/8"-15 Nyloc Nut
1	FT30155	Hardware Kit		8	3/8" SAE Flat Washer
				2	1/2"-13 x 3" Bolt
	FT30315	Hdwr Sub-Assembly Kit		2	1/2"-13 Nyloc Nut
Qty	Part #	Description		4	1/2" SAE Flat Washer
2	FT30154	Frt. Brake Line Bracket		2	1/2"-13 X 3" Button Head Bolt
2	FT95243	3/4" Heim Joint		2	3/4" -16 RH Short Hex Jam Nut
4	FTS43	Mis-Alignment		2	Threaded Grease Fitting
2	FT90050	Cup Washer		1	1/8" x 2" Cotter Pin
4	FT90051	Bushing		1	Lock Tight
1	FT292	Cam Bolt Kit			
4	FT1006	Bushing			
2	FT102	Sleeve			
1	FTLUBE	Lube			
1	FT30258	Sector Shaft Nut			
2	FT22026i	Instruction Sheet			

TOOL LIST:

- **FLOOR JACK**
- **JACK STANDS**
- **ASSORTED METRIC AND S. A. E. WRENCHES AND SOCKETS**
- **WHITE LITHIUM GREASE**
- **TORQUE WRENCH**

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

CHECK PARTS & HARDWARE AGAINST THE PARTS LIST BEFORE BEGINNING THE INSTALLATION TO ASSURE THE KIT IS COMPLETE, CONTACT FABTECH @ 909-597-7800 IF KIT IS INCOMPLETE.

FABTECH RECOMMENDS YOU DO A PRE- INSPECTION OF THE TRUCKS FRAME FOR ANY DAMAGE BEFORE BEGINNING THE INSTALLATION OF THIS KIT. FABTECH ALSO RECOMMEND YOU PREFORM AN ALIGNMENT ON THE TRUCK BEFORE BEGINNING THE INSTALLATION. IF THE TRUCK HAS ANY FRAME DAMAGE OR WILL NOT ALIGN TO FACTORY SEPECS. DO NOT INSTALL THIS KIT UNTIL THE DAMAGE IS CORRECTED. CALL FABTECH FOR FURTHER INFORMANTION.

FABTECH RECOMMENDS THE FOLLOWING TIRE SIZES FOR USE WITH THIS KIT:

6" LIFT- 325/65R18 TIRES W/ 18X9.5 WHEELS W/ 4 3/4" BACK SPACING

8" LIFT- 355/65R18 TIRES W/ 18X9.5 WHEELS W/ 4 3/4" BACK SPACING

LIFT INSTRUCTIONS:

1. Disconnect the negative terminal on the battery. Jack up the front end of the truck and support the frame, at the front frame rails, with jack stands. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE.** Remove the front tires.
2. Working from both sides of the truck, remove the brake calipers (**remove the caliper cage from the knuckle, do not remove the caliper from the caliper cage**) and tie them up out of the way. **DO NOT ALLOW THE CALIPERS TO HANG FROM THE BRAKE LINES!** Remove the brake line and ABS line tabs from the front side and the rear side of the coil spring mount on the axle and save the hardware.
3. Supporting the front axle with two floor jacks, remove the front shocks and the sway bar end links from the truck. Discard the sway bar end links and the shocks. Save the lower shock hardware and discard the rest of the hardware.
4. Lower the front axle allowing the coil springs to come free of tension. **EXERCISE EXTREME CAUTION WHEN WORKING WITH COIL SPRINGS UNDER LOAD!** Remove the coil springs from the truck and discard, save the factory upper coil isolator.
5. Remove the factory steering stabilizer from the frame mount and save the hardware. Remove the steering stabilizer frame bracket and save the hardware. Discard the frame bracket. Leave the steering stabilizer connected to the drag link. SEE PHOTO BELOW.



6. Remove the drag link from the pitman arm and save factory hardware. You will need to strike the pitman arm with a large hammer to dislodge the drag link from the pitman arm. **USE CARE NOT TO HIT THE THREADS ON THE DRAG LINK!**
7. Remove the trac bar from the frame bracket and save the original hardware. Remove the trac bar bracket from the frame and save the original hardware and discard the factory trac bar bracket. SEE PHOTO IN NEXT COLUMN.



8. Remove the factory pitman arm from the steering box using a large pitman arm puller or large two-jaw puller. Save the hardware and discard the pitman arm. SEE PHOTO BELOW.



9. Locate FTS30122 new drop pitman arm. Attach to the steering box in the same indexed position as the factory pitman arm was when removed. **Install the provided FT30258 Sector Shaft Nut and torque to 350 ft. lbs. (Note: this is a one-time only use nut, once it is tightened on the sector shaft and removed, it must be discarded)**
10. Locate FT30175 trac bar frame bracket. Attach to the frame using the original hardware in the same position. Torque bolts to 110 ft. lbs. **DO NOT ATTACH THE TRAC BAR TO THE FRAME BRACKET AT THIS TIME.**
11. Locate the ABS lines on the radius arms and disconnect it at its two mounting points, one will be a plastic clip and the other is a bolt with bracket. Use care not to damage the plastic clips on the ABS line as they will be reused, discard the bolt from the bracket.
12. With the front axle still supported by the floor jacks remove both front factory radius arms from axle and factory frame mounts. Save the factory frame pivot bolts and the factory front upper pivot bolt from the axle mounts, discard the front lower axle pivot bolt.

13. Locate both FT30125 and FT30126 radius arms and install two of the supplied bushings and one of the supplied sleeves into each radius arm end. Use the supplied FTLUBE on all the bushing surfaces before installing them into the radius arms. Install one grease fitting into each end of the radius arms with the bushings.

14. Working from the driver side of the truck, Install FT30125, driver side radius arm onto the truck. First attach the radius arm to the axle mounts using the factory upper pivot bolt and the supplied alignment cam on the lower pivot. Then attach the rear pivot to the factory mount on the frame and use the factory bolt. Leave loose at this time. SEE PHOTO BELOW.



15. Repeat step fourteen on the passenger side of the truck.
16. Working from both sides of the truck, locate and remove the factory front bump stops and save. These can be removed by pulling on the bump stop itself free from the cup. Remove the factory mounting cup from the frame and discard the hardware. Locate FT30143 and FT30144 front bump stop drop brackets. Using a drill with a 7/16" drill bit, drill out the factory locator pin hole in the frame. Now attach the bump stop to the hole in the frame using the supplied 7/16" x 1 1/2" bolt, nut, and washer. Once attached and aligned with the frame drill the second hole with the 7/16" drill bit. Attach the last hole with the supplied 7/16" x 1 1/2" hardware. Attach the factory bump stop cup to the new bracket using the supplied 5/16" x 1 1/4" bolt, flat washer, and split washer. Press the factory bump stop back into the cup. SEE PHOTO BELOW.



- photo shown without bump installed
17. Using the coil springs from the 6" lift or 8" lift coil spring kit install the coil spring into the truck in the factory location using the original factory upper coil isolator. **IF INSTALLING A FABTECH COILOVER CONVERSION KIT SEE THE INSTRUCTIONS ENCLOSED WITH THE HOOP KIT AT THIS TIME.**
18. Torque the front and rear radius arm pivot bolts to 200 ft. lbs. **NOTE: SET THE ALIGNMENT CAMS IN THE LOWER FRONT RADIUS ARM IN THE MIDDLE OF ADJUSTMENT BEFORE TORQUING. MAKE SURE THE CAM IS SEATED INSIDE THE ALIGNMENT CAM GUIDES.**
19. Using a floor jack raise the front axle enough to compress the front coils approx. 1". Locate the correct front shocks FTS7188 for the 6" kit and FTS7189 for the 8" kit and install onto the truck. **IF INSTALLING A FABTECH DUAL SHOCK KIT SEE THE INSTRUCTIONS ENCLOSED WITH THE DUAL SHOCK KIT AT THIS TIME.**
20. Locate the factory brake line mount on the front side of the coil bucket. Remove the bracket from the mount and save the hardware. Locate FT30154 front brake line bracket and attach it to the coil bucket using the original hardware. Using the supplied 1/4" x 1 1/4" hardware attach the brake line to bracket. You will need to carefully bend the hard line down to meet the new brake line bracket. **USE CARE NOT TO DAMAGE THE HARD LINE.** Re-install the brake caliper cages with calipers and torque caliper bolts to 166lbs. SEE PHOTO ON NEXT PAGE.

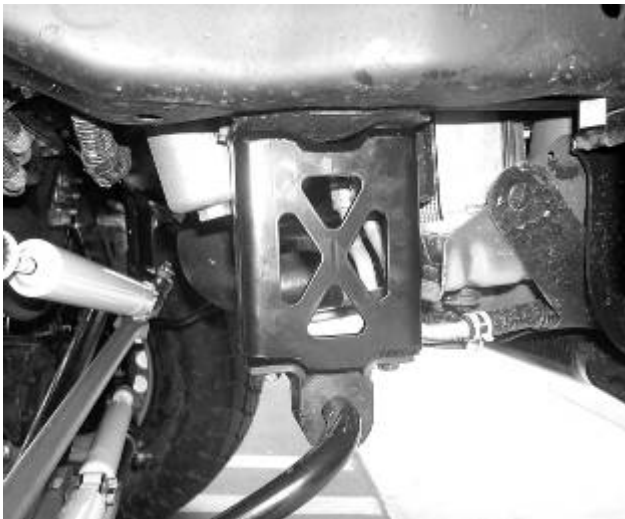


21. Locate FT30133 steering stabilizer drop bracket and install in the factory location using the original hardware. Torque to 50 ft. lbs. Reattach the factory stabilizer to the frame bracket using the original hardware. If installing a Fabtech stabilizer do so at this time. SEE PHOTO ON NEXT PAGE.



Picture Shown With Stabilizer Installed

22. Remove the front sway bar from the frame mounts and save the hardware. Locate FT30169 sway bar frame drop brackets and attach to the frame where the sway bar was originally attached using the factory hardware. Using the supplied 3/8" X 1 1/4" hardware attach the sway to the new drop brackets and torque to 35 ft. lbs. SEE PHOTO IN NEXT COLUMN.



23. Locate both FT30153 billet sway bar end links and both of the supplied heim joints along with the supplied jam nuts. Thread the jam nuts all the way onto the heim joints, then thread the heim joints into the large end of the end links. Leave the jam nuts loose at this time. Locate the supplied 1/2" button head bolts and the sway bar bushing along with the cup washers. Attach the bushing end of the sway bar end links to the factory lower sway bar mounts on the axle, leave loose at this time. Attach the other end of the link to the factory sway bar using the supplied FT43 mis-alignments and supplied 1/2" x 3" hardware. Torque upper and lower hardware to 60 ft. lbs. SEE PHOTO BELOW.



24. Route the ABS line back to the factory location on the lower coil perch and attach the line bracket to the radius arm using the supplied 1/4" hardware. Plug the wire back in at the fender well. Attach the factory brake line bracket back to the lower coil perch using the original hardware.
25. Position the factory trac bar into the new trac bar bracket. Note: You may need to raise the axle up or down to align the hole. Using the original bolt insert it from the front side of the bracket towards the back. Do not push the bolt fully through at this time.
26. Locate FT30178 trac bar support bracket. First attach it to the forward motor mount bolt on the driver side of the truck, then line the other end up the trac bar bolt. Torque the factory motor mount bolt to 55 ft. lbs and the trac bar bolt to 405 ft. lbs. SEE PHOTO BELOW.



27. Install front tires and wheels. Torque lug nuts to wheel manufacturers specifications.
28. Re-check all front hardware at this time for correct torque tightness.
29. Check the front brake lines and ABS line at this time for proper clearance from all moving parts. You will want to steer the wheels from left to right to make sure the lines clear the wheels. Check fender to tire clearance, trim as needed. Adjust the front headlights.

30. Complete a full alignment on the truck.

REAR LIFT

31. RETORQUE ALL NUTS, BOLTS AND LUGS
AFTER 500 MILES. Re-adjust headlights.

**SEE THE INSTRUCTIONS ENCLOSED IN THE
REAR LIFT BOX KIT.**

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.



	FTS835002	4.0" Dirt Logic SS Coilover w/ Resi
1	FTS835002	DLSS Coilover w/ Resi
1	FT835002i	INSTRUCTIONS
1	FT86002	HARDWARE & BUSHING KIT 2
1	FT89900	STICKER

Thank you for purchasing Dirt Logic shocks, the finest off-road shock in the industry. Each unit is built to exacting standards and is properly tuned specifically for your vehicle. Dirt Logic shocks are designed and built to both beautify and upgrade your suspension system.

How To Care For Your Dirt Logic Shocks

Dirt Logic shocks have been designed as a take apart, serviceable, race style unit. That means, just like a race shock, it will need to be maintained and periodically rebuilt. The tight tolerances of this provide the exceptional ride and performance you are paying for but do require maintenance which is normal in a take apart shock like a Dirt Logic.

Externally, the shock should be kept clean at all times and kept free of dirt, road salt or other corrosive elements. The unit should be routinely washed with a pH balanced cleaner to keep the finish looking new. Do not use any abrasive or aggressive cleaners or degreasers as it will harm the finish for life including the aluminum anodizing.

Internally, the shock has high performance seals that allow the shock to cycle at very high rates and provide exceptional damping in aggressive off-road conditions. These seals are a wearable item and may need to be replaced periodically to keep the shock functioning correctly. Our in house Shock Lab is equipped to handle these needs when necessary.

Caution – Read Before Installing

Stop – Call FABTECH customer service if any component of this product is missing. Do not return it to the place of purchase! For technical assistance call: 909-597-7800

This Dirt Logic Shock is shipped pressurized with Nitrogen. Do not remove tamper cap or warranty will be void.

If this shock is equipped with a reservoir hose, do not loosen or remove the hose or warranty will be void.

If this shock is equipped with a coil, be aware that the coil has some amount of preload from the factory and should not be removed. Removal of the coil will void the warranty.

If this shock product needs to be returned for any reason, it must be returned in its original packaging or warranty will be void.

Dirt Logic Shocks come with a one year warranty from the original date of purchase for defects in material or workmanship.

A spanner wrench can be purchased for future adjustment. (FTS89905 for 4.0 and FTS98008 for 2.5)

Should you have any questions regarding your Dirt Logic Shocks, please feel free to contact us.

Installation Instructions

Install the bushing kit onto the 2.25" Dirt Logic Shock included in the packaging. Now install the shock by attaching the top cap first and the rod end second. Take care to compress the shock when installing the rod end as the shock is under pressure and will require leverage and strength to accomplish this task. This would be best done with the vehicle on a hoist with the suspension at its most extended length. Once the shock is installed tighten the bolts until there is a light squeeze on the urethane bushings.

(Note some 2.25" shocks will require extra components to be installed prior to shock installation)

- 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 and driveshafts. 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.

Dirt Logic and Performance Coilover 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, 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.

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 on the website, but due to unknown auto manufacturer's 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 website 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 is not responsible for premature wear of factory components due to the installation of oversized tires and wheels.

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 on our website. 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.

Depending on the condition of the factory suspension components retained after the installation of a Fabtech suspension not all vehicles may have the same ride stance front to rear as described in the website. The blue color of suspension components shown in all Fabtech photographs are for display purposes only. Majority of all Fabtech components will be black specifically where noted with part numbers ending in BK.

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. Some state laws may prohibit modification of suspension to a vehicle in whole or in part. It is the responsibility of the installer and consumer to consult local laws prior to the installation of any Fabtech suspension product to comply with such written laws.

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 super cede, 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 website or price sheet. For the most recent Product Warranty and Warnings visit our website www.fabtechmotorsports.com.



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 2005 - 2007 FORD F-250/350 4wd
 FTS22052 COILOVER CONVERSION

FTS22052BK		
Qty	Part #	Description
1	FT30151BK	Driver Hoop
1	FT30152BK	Passenger Hoop
1	FT30452BK	Driver Lower Mount
1	FT30453BK	Passenger Lower Mnt
1	FT30191	Hardware Kit

Qty	FT30813	Description
2	FT30197	Upper Limit Strap Brkt
2	FT30198	Lower Limit Strap Brkt
2	FT30192BK	Limited Straps w/ Logo
2	FT22052i	Instruction Sheet

FT30191 Hardware Kit		
Qu a	Description	Location
14	1/2"-13 x 1 1/2" Bolt	Hoop To Frame
6	1/2"-13 x 1 3/4" Bolt	Limit Strap Bracket
24	1/2"-13 C-Lock Nut	
52	1/2"SAE Flat Washer	
4	7/16"-14 x 1 3/4" Bolt	Hoop To Frame (top)
4	7/16"-14 C-Lock Nut	
8	7/16 SAE Flat Washer	
8	1/4"-20 X 1" Hex Bolt	All Brake Line to Hp
8	1/4"-20 Nyloc Nut	
16	1/4" SAE Flat Washer	
2	14mm-2.0 x 30mm Bolt	Lower Mount to Axle
2	14mm Flat Washer	
2	18mm-2.5 x 130mm Bolt	Uppr Axle Pivot Bolt
2	18mm-2.5 C-Lock Nut	
4	18mm Flat Washer	
1	Lock Tight	

TOOL LIST:

- Floor jack
- Jack stands
- Assorted metric & S.A.E. wrenches & sockets
- Air Hammer
- Die Grinder with cutoff wheel
- Drill with 7/16" & 1/2" bit

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

FABTECH RECOMMENDS FTS92001 HYDRAULIC BUMP STOP KIT USE ON TRUCKS THAT WILL HAVE HEAVY OFF ROAD USE.

THIS KIT MUST BE INSTALLED WITH FABTECH DIRT LOGIC COILOVER SHOCKS NOT INCLUDED IN THIS BOX KIT.

THIS KIT MUST BE USED WITH FABTECHS 6/8" RADIUS ARM SYSTEM OR 6/8" 4 LINK SYSTEM ONLY.

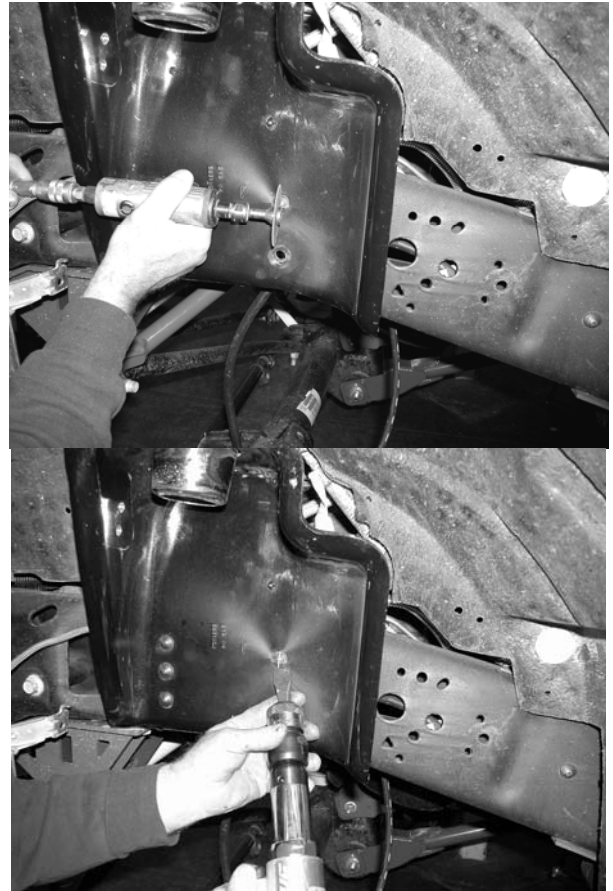
NOTE: IF YOU HAVE THE FABTECH DUAL SHOCK KIT FTS52002 ON THE VEHICLE, YOU WILL NEED SEVERAL OF THE PARTS THAT WERE DISCARDED DURING THE INSTALL OF THE DUAL SHOCK KIT. THE FORD PARTS REQUIRED ARE THE FACTORY BRAKE LINE BRACKETS AND THE FABTECH PARTS REQUIRED ARE THE SWAY BAR DROP BRACKETS WITH HARDWARE AND SWAY BAR END LINKS WITH THE BUSHINGS AND HARDWARE. CONTACT FABTECH FOR PART NUMBERS IF NESSESARY. 909-597-7800

DO NOT INSTALL THIS KIT ON MODELS WITH DIGITAL CLIMATE CONTROL.

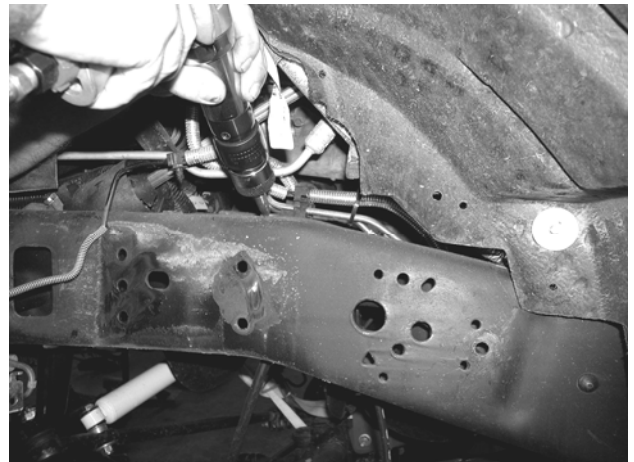
SPANNER WRENCH IS NOT INCLUDED IN THIS KIT,IF NEEDED ORDER FTS89905.

INSTRUCTIONS:

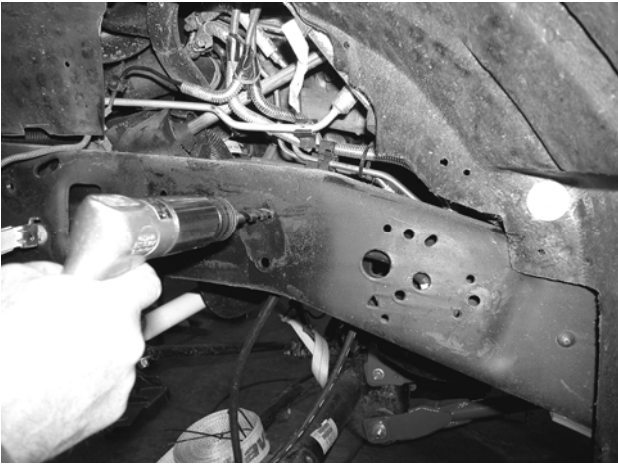
1. Disconnect the negative terminal on the battery. Jack up the front end of the truck and support the front axle with jack stands. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE.** Remove the front tires.
2. Support the front axle with a floor jack. Raise the floor jack approx. 1".
3. Working on both side of the truck, remove the front shocks and discard. Save the factory lower shock bolt and nut tab. Disconnect the front sway bar end links from the axle mount and save the hardware.
4. Remove the brake line bracket from the factory coil bucket and discard hardware. If a Fabtech kit has already been installed remove the brake line drop bracket supplied with that kit and discard. Remove the brake line and ABS line mounts from the lower coil perch and discard the hardware.
5. Remove the trac bar bracket from the driver side of the frame and save the hardware.
6. Lower the floor jack supporting the axle down until the coil springs are free of tension. Remove the coil springs and discard.
7. Locate bump stop on the bottom of the frame below the coil bucket and remove. If you have a Fabtech kit that has already been installed on the truck, remove the bump stop along with the drop bracket and discard. Fabtech recommends running the FTS92001 optional Hydraulic Bump Stop Kit. The installation of the coil over kit does not require the installation of a bump stop.
8. Working from the driver's of the truck, using a die grinder with a cut off wheel cut all the heads of the rivet in a cross pattern that attach the factory coil bucket to the frame. Using an air chisel, remove the heads of the rivets and pry the coil bucket free from the frame. With the bucket removed from the frame use a hammer and center punch and knock the rest of the rivets out of the holes in the frame. SEE PHOTOS BELOW AND IN NEXT COLUMN.



9. Once the factory bucket is removed from the frame, you will need to remove an additional two rivets from the top of the frame using the same method as above. SEE PHOTO BELOW.



10. Using a drill with a 1/2" bit, drill all the holes on the outside, top, and bottom of the frame that the hoop will be mounting to. SEE PHOTO BELOW.

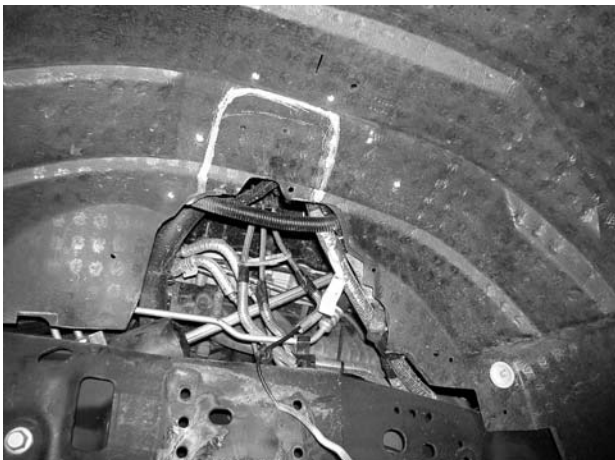


11. Locate the factory lower coil perch on the axle and remove. Discard the perch and hardware.

12. Using a sharp razor blade cut a 6" x 4" rectangle in the plastic inner fender well as shown below. When cutting the inner fender well do not cut the heat shield felt on the backside of the inner fender well. SEE PHOTOS BELOW.



Passenger Side Cut

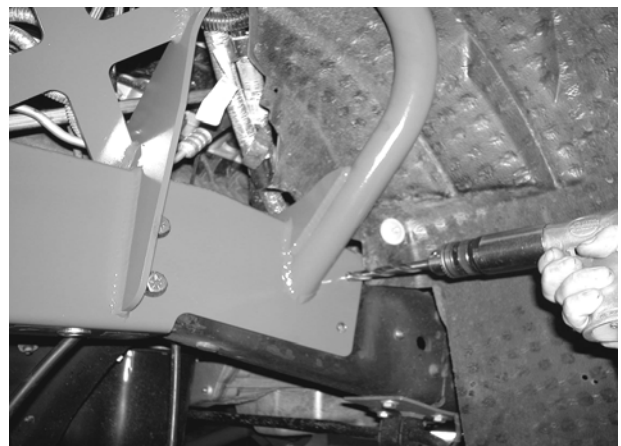


Driver Side Uncut But Marked

13. Repeat steps eight through twelve on the passenger side of the truck.
14. Working from the driver side of the truck, locate FT30452 lower coil over axle mount. Place the mount on the axle where the factory coil perch was located, aligning the arm of the new perch into the factory lower shock mount on the axle. Using the supplied 14mm bolt and washer and small amount of the supplied thread locking compound attach it to the axle. Using the original lower shock bolt and nut tab attach the support arm of the mount to the factory shock mount on the axle. Torque the 14mm bolt to 100 ft. lbs. and the support arm bolt to 80 ft. lbs. SEE PHOTO IN NEXT COLUMN.



15. Locate FT30151 (driver side) Coil Over Hoop and align onto the frame where the factory bucket was mounted. Align the holes in the hoop to the holes in the frame. Using the supplied 1/2" x 1 1/2" hardware on the holes on the outside of the frame attach the hoop to the frame, leave loose at this time. Use the supplied 7/16" x 1 3/4" hardware attach the two holes on the top of the frame to the bucket, leave loose at this time.
16. Using a drill with a 1/2" bit, drill the two rear holes out through the frame. Using the supplied 1/2" x 1 1/2" hardware attach to the frame. Leave loose at this time. SEE PHOTO BELOW.



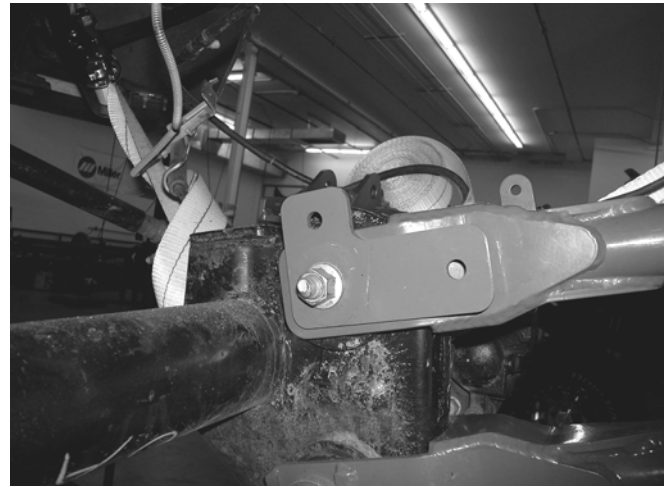
17. Reinstall the trac bar bracket to the frame and torque the frame mount bolts to 80 ft. lbs & motor mount bolt to 55 ft. lbs & trac bar bolt to 400 ft. lbs.
18. Locate FT30197 upper limit strap bracket. Place the bracket on the inside of the frame to the rear hole on the bottom of the frame. Using the supplied 1/2" x 1 3/4" hardware attach it to the frame. Attach the forward hole of the hoop to the frame with the supplied 1/2" x 1 1/2" hardware at this time also. Torque to 50 ft. lbs. SEE PHOTO ON NEXT PAGE.



19. Locate the upper axle pivot on the front axle. Remove the bolt and discard. Locate FT30198 lower limit strap bracket and attach to the inside of the upper pivot using the supplied 18mm x 130mm bolt, nut, and washer. If installing this kit on a 8" kit the long end of the bracket will be facing upward and on a 6" kit the short end will be facing up. SEE PHOTOS BELOW.

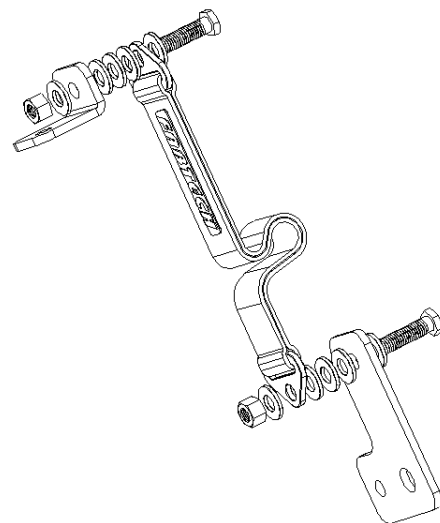


Picture Shown With Tab Set Up For 8" Kit

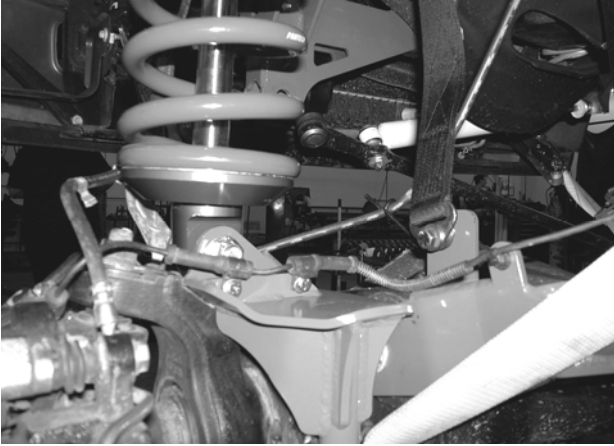


Picture Shown With Tab Set Up For 6" Kit

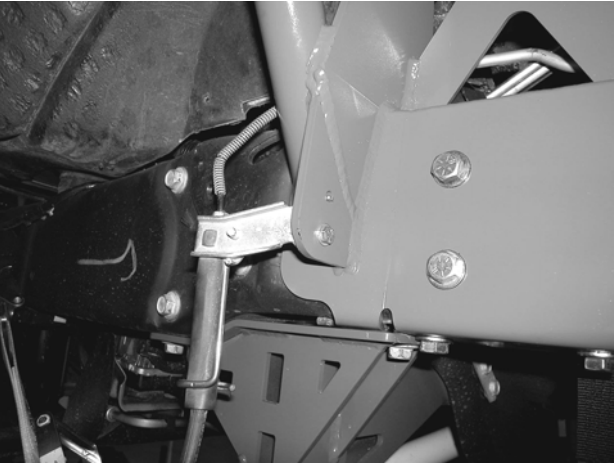
20. If installing Fabtech's optional Hydraulic front bump stop kit do so at this time.
21. Locate one of the 4.0 Dirt Logic Coil Over 6" or 8" kits. Insert one of the supplied FT83034 mis-alignment spacers to each side of the top bearing in the shock. Next locate the supplied FT1040 and FT1041 Delron bushings and place the one with the larger inner ring on the side of the bearing without the snap ring and the one with the smaller inner ring on the side with the snap ring. Insert the top of the coil over into the coil over hoop. Using the supplied 5/8" x 3.5" bolt and washers and FT30183 nut tab connect the coil over to the hoop. SEE DIAGRAM ON LAST PAGE.
22. Locate the last two FT83034 mis-alignment spacers and insert them into the bearing on the bottom of the shock. Using the supplied 5/8" x 3.5" bolt, nut, and washer attach it to the lower mount on the axle. SEE DIAGRAM ON LAST PAGE.
23. Install the supplied limit straps to the upper and lower mounts using the supplied 1/2" x 1 3/4" bolt, nuts, and washers. You will need to stack three 1/2" washer between the limit strap and mounting brackets on both upper and lower mounts. SEE DIAGRAM BELOW.



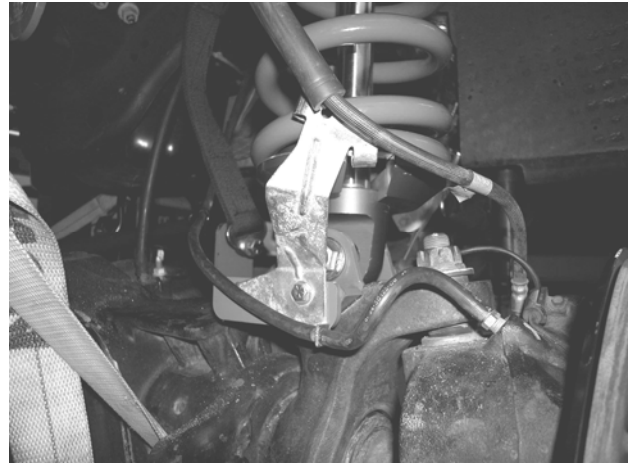
24. Using the Supplied $\frac{1}{4}$ " x 1" bolt, nut, and washer attach the ABS line to the new lower coil perch as shown below. The original line clamps will be reused. SEE PHOTO BELOW.



25. Using the supplied $\frac{1}{4}$ " x 1" bolt attach the brake line to the coil over hoop. You will need to carefully pull the hard line free from the frame. Re-install the brake calipers and torque caliper bolts to 130lbs. SEE PHOTO BELOW.

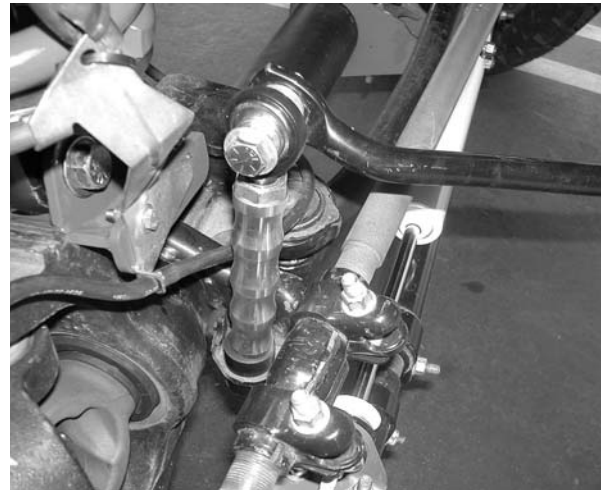


26. Attach the lower brake line bracket to the new lower coil over mount using the supplied $\frac{1}{4}$ " x 1" bolt, nut, and washer. SEE PHOTO BELOW.

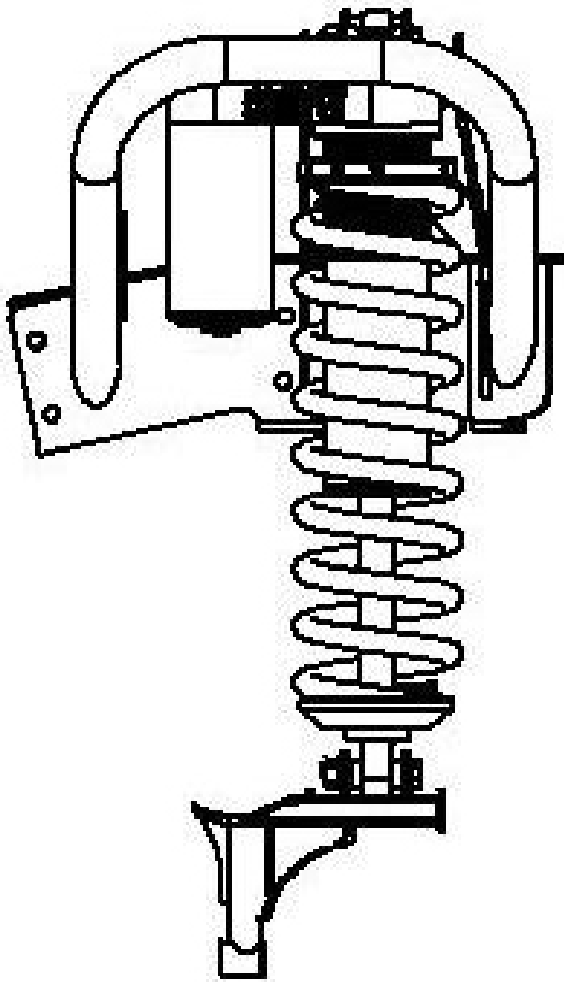


27. Make sure the vacuum line from the hub assembly is still routed in the stock position. If the line is tight carefully pull some slack free from the frame mounts.

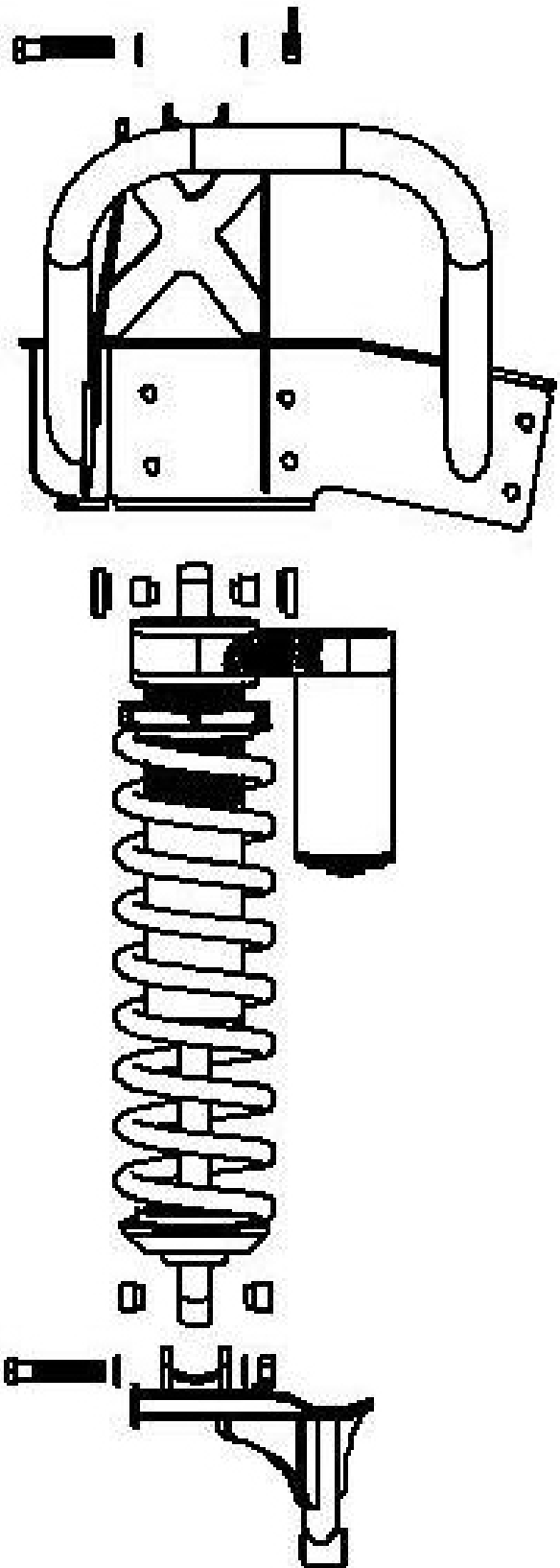
28. Reconnect the front sway bar back to the axle mount using the original hardware. SEE PHOTO BELOW.



29. Reinstall the front tires and set the truck back on the ground. 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.



Passenger Side



Driver Side

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.

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www.fabtechmotorsports.com

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PHONE 909-597-7800 FAX 909-597-7185

2005 - 2007 FORD SUPER DUTY 4WD

**REAR LIFT FOR 6" F-250 WITH FACTORY OVER LOAD LEAF
FTS22035**

PARTS LIST:

Qty	Part #	Description
1	FT30357	Hdwr Sub-Assembly Kit
4	FT742U	U-Bolt
2	FTBK4	4" Block
1	FTS419	Shim Kit
	FT30357	Hdwr Sub-Assembly Kit
Qty	Part #	Description
1	31000005252	5/16" Split Washer
1	31182001081	5/16"-18 x 2" Hex Bolt gr.8
2	FT22035i	Instruction Sheet
1	FT30166	E-Brake Cable Sleeve
1	FT58H	5/8" Hardware

Tool List: (Not Included)

Floor Jack

Jack Stands

Assorted Metric and S.A.E Sockets & Allen Wrenches

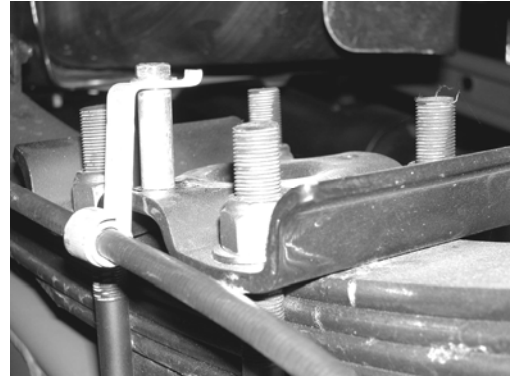
READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION!

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

IF TRUCK IS EQUIPPED WITH REAR SWAY BAR, FTS92010BK REAR SWAY BAR DROP BRACKET CAN BE PURCHASED.

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. Locate and install the rear lift blocks, the factory block will be positioned on top of the new Fabtech block, with the short center pin of both blocks facing down, to the axle. The short end of the blocks should face to the front of the vehicle. Using the supplied u-bolts, nuts, and washers align axle, lift blocks, and springs and torque to U-Bolts to 90lbs
3. Install Fabtech shock part number FTS7266 (not included) with the factory hardware and torque bolts to 65lbs.
4. Locate the E-Brake Cable mount on the driver side spring pack perch. Remove the bolt attaching it to the perch and discard the hardware.
5. Locate FT30166 E-Brake Cable Sleeve and attach between the spring perch and E-brake Cable bracket using the supplied 5/16"-18 x 2" bolt and split washer.



6. Install FTS419 Shim Kit per the instructions in the FTS419 box.
7. Recheck all bolts for proper torque. Recheck brake hoses and lines for proper clearances.
8. Install tires and wheels and torque lug nuts to wheel manufacturers specifications.
9. Readjust headlights.
10. Check the front-end alignment and set to the factory specifications.

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

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