



**2003 - 2007 DODGE RAM 2500 & 3500 4 WHEEL DRIVE  
FTS53000BK MULTIPLE FRONT SHOCK SYSTEM**

**PARTS LIST:**

<b>FT53000BK</b>		
<b>Qty</b>	<b>Part #</b>	<b>Description</b>
1	FT44046BK	Upper Mount Driver
1	FT44047BK	Upper Mount Passenger
1	FT44048BK	Lower Mount Driver
1	FT44049BK	Lower Mount Passenger
1	FT44127	Hardware Sub-Assembly
1	FT44062	Hardware Kit

<b>FT44126</b>		
<b>Qty</b>	<b>Part #</b>	<b>Description</b>
2	FT44050	Upper Mount Support Ring
2	FT44051	Lower Shock Sleeve W/Tab
2	FT113	Frame Sleeve
2	FT44059	Frame Flag
2	FT90066	20" Limit Strap, Quad Strap
2	FT44061	Steering Stop
2	FT53000i	Instruction Sheet
1	FTAS12	Fabtech Sticker
1	FTREGCARD	Registration Card

**HARDWARE LIST:**

<b>FT44062 HARDWARE KIT</b>	
<b>Qty</b>	<b>Description</b>
4	1/2"-13 x 1 1/2" Hex Cap Bolt
4	1/2"-13 C-Lock Nut
8	1/2" SAE Flat Washer
6	1/2"-13 x 1 1/2" Allen Button
6	1/2"-13 C-Lock Nut
6	1/2" SAE Flat Washer
2	1/2"-13 x 6" Hex Cap Bolt
2	1/2"-13 C-Lock Nut
4	1/2" SAE Flat Washer
4	1/2"-13 x 5 1/2" Hex Cap Bolt
4	1/2"-13 C-Lock Nut
6	1/2" SAE Flat Washer
2	1/2" USS Flat Washer
2	1/2"-13 x 1 1/2" Hex Cap Bolt
2	1/2"-13 C-Lock Nut
4	1/2" SAE Flat Washer
2	16mm-2.0mm x 60mm Hex Bolt
2	16mm Flat washer
1	Lock Tight

**TOOL LIST: (NOT INCLUDED)**

- FLOOR JACK
- JACK STANDS
- ASSORTED METRIC AND S.A.E SOCKETS
- DRILL WITH 1/4" and 1/2" BITS



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FTS53000BK MULTIPLE FRONT SHOCK SYSTEM**

**READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION!  
THIS SYSTEM MUST BE INSTALLED WITH THE FABTECH FTS23006BK SUSPENSION SYSTEM. THIS SYSTEM WILL NOT  
WORK WITH A STOCK HEIGHT TRUCK.**

**THIS SYSTEM IS DESIGNED TO USE FABTECH PERFORMANCE SHOCK FTS7333 OR DIRT LOGIC 2.25 SHOCK FTS80035  
RESI OR FTS81035 NON-RESI**

**O.E.M. WHEELS AND TIRES CANNOT BE USED AFTER THE INSTALLATION OF THIS KIT. FABTECH RECOMMEND'S 17  
X 8 WHEELS WITH 4 5/8" BACK SPACE AND SIZE 315/70R17 TIRES**

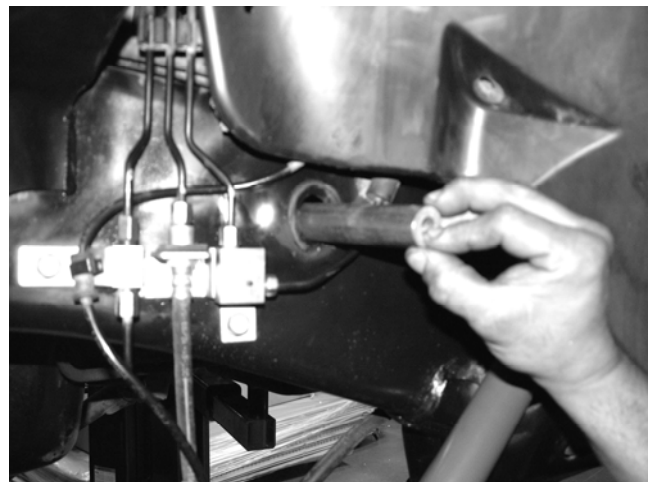
**SYSTEM IS DESIGNED FOR SINGLE REAR WHEEL (SRW) APPLICATIONS ONLY. SYSTEM WILL NOT WORK ON DUAL  
REAR WHEEL (DRW) APPLICATIONS.**

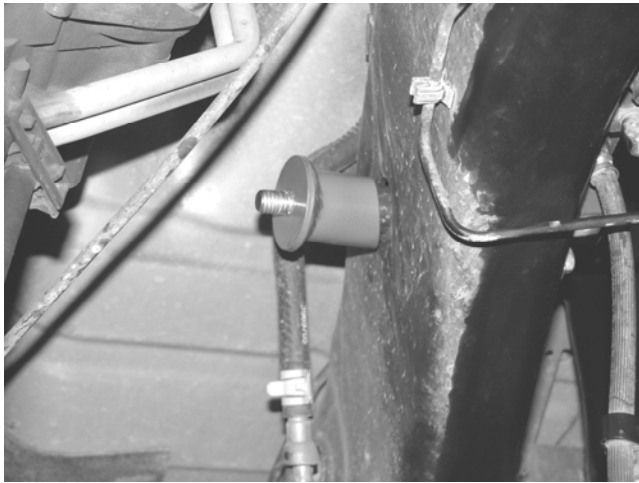
**INSTRUCTIONS:**

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. Support the front axle with two floor jacks. Remove the top nuts on the front shocks and the lower bolts securing the shock to the axle. Remove the three nuts securing the upper shock mount cage to the coil spring mount. Remove the front shocks from the truck. Disconnect the front sway bar end links from the sway bar saving the bushings and hardware. Lower the jacks under the front axle and remove the coil springs. Discard the shocks, shock cage and hardware, save the front coils and lower shock hardware. SEE PHOTO BELOW.



3. Working from the Driver's side, locate FT44046BK Driver Side Shock Hoop, FT113 Frame Sleeve, FT44059 Frame Flag, and the supplied 1/2"-13 x 6" bolt, c-lock nut, and washers. Put the Frame Sleeve into the factory hole in the frame that is just behind the factory coil bucket. Place the 6" bolt and a washer through the leg of the shock hoop and frame sleeve. Place the Frame Flag on the back side of the frame on the bolt. Rotate the Flag so that it is flush against the frame and the bolt remains straight. Place a washer and c-lock nut on the bolt and leave loose at this time. SEE PHOTO BELOW AND ON NEXT PAGE.

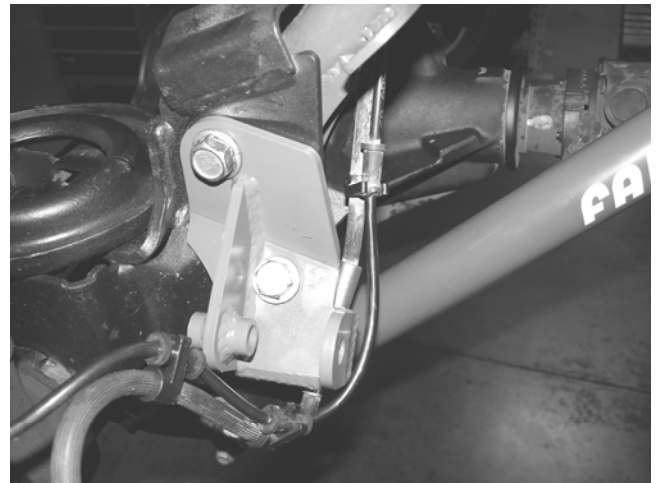




4. Place the upper shock mount on top of the coil tower. Locate a FT44050 Upper Mount Support Ring, place it on the bottom side of the upper coil bucket. Locate three of the supplied ½"-13 x 1 ½" Allen Button Head bolts, C-Lock Nuts, and washers (some trucks may require opening of the three holes with a drill and a ½" drill bit). Attach the Support Ring and upper shock mount to the coil bucket. Torque all of the hoop bolts to 75 lbs. SEE PHOTO BELOW.



5. Locate FT44048BK Driver Lower Mount. With the axle securely supported, remove the upper arm pivot bolt and save. Remove the brake and ABS line bracket on the bottom of the axle pocket discarding the hardware. Place the FT44048BK bracket on the axle aligning it with the upper pivot bolt. Re-install the pivot bolt leaving loose at this time. Using a drill with a ½" bit, drill out the brake line bracket and original hole on the axle. Using the supplied ½"-13 x 1 ½" hardware, re-attach the brake line bracket to the axle bracket. The remaining hole will need to be drilled into the axle bracket. Mark the hole and using a drill with a ½" bit, drill the bracket. Use the supplied ½"-13 x 1 ½" hardware and bolt the new bracket to the axle bracket. Torque all the ½" hardware to 75 lbs. SEE PHOTO IN NEXT COLUMN.

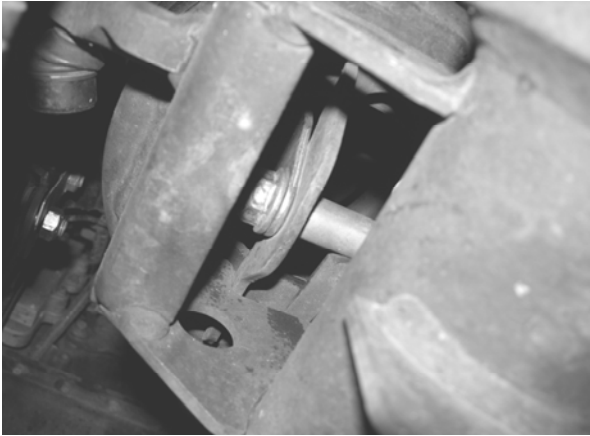


6. Locate FT44061 Steering Stop and the supplied 16mm hardware. Remove and discard the lower Brake Caliper Cage bolt. Attach the steering stop to the caliper cage and bolt it torque the 16mm bolt to manufacture spec. SEE PHOTO BELOW.

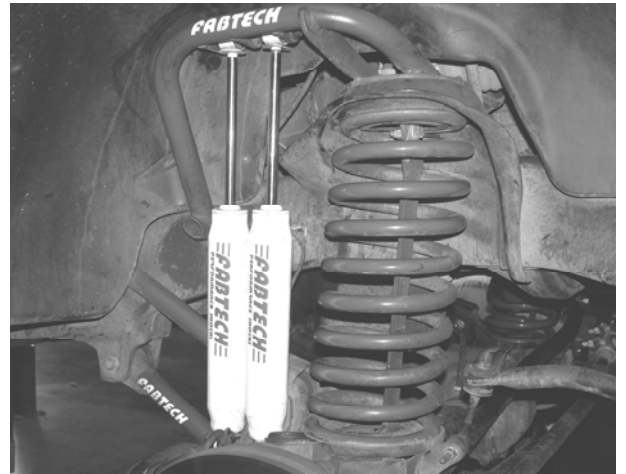


Picture shown with allen bolt for picture only

7. Repeat steps three through six on the passenger's side of the truck.
8. Locate the FT90066 Limit Straps, FT44051 Lower Shock Sleeves w/ tab, factory lower shock hardware, and supplied ½"- 13 x 1 ½" hardware. Working from both sides of the truck, use the ½" hardware, attach the limit strap to the bottom of the shock hoop and torque to 75lbs. Re-install the coil springs back into the truck in the factory location using the original factory upper coil isolator. Using a floor jack raise the front axle enough to compress the front coils approx. 1". Place the FT44051 shock sleeve w/ tab in the factory lower shock mount and put the stock bolt through the Limit Strap. Install it into the front of the factory shock mount and through the FT44051 shock sleeve and back of shock mount. Torque the factory bolt to 75lbs. SEE PHOTOS ON NEXT PAGE.



9. Locate the selected Fabtech front shocks and install onto the truck use the supplied 1/2"-13 x 5 1/2" bolts, SAE + USS Large flat washers, and C-lock nuts. Torque the bolts to 75lbs. If you are installing Fabtech Performance shocks, the white body of the shock must be mounted down with shafts of the shocks mounted at the hoop. The large USS washer must also be used with the Performance shock. It will be installed against the bottom front shock. If installing Fabtech Dirt Logic shocks, the body of the shock mounts up w/ reservoir line coming from the rear. Reconnect the factory sway bar to the end links. Tighten the nut until the bushings start to bulge. SEE PHOTOS IN NEXT COLUMN.



10. Reinstall the front tires and torque the lugs to factory specifications. The factory torque specifications can be found in your owner's manual. Set the truck back onto the ground. Reconnect the negative terminal on the battery. **WHILE TURNING THE STEERING WHEEL FULLY IN EACH DIRECTION, MAKE SURE THERE IS AMPLE CLEARANCE BETWEEN THE WHEELS, TIRES, LINK ARMS, BRAKE LINES AND ABS WIRES.**