



1000 BEACON STREET ~ BREA, CA 92821
714-990-8850 Fax 714-990-8854
2000 FORD F-250/350 SUPER DUTY 4 WHEEL DRIVE
FTS420-50 FRONT DUAL SHOCK SYSTEM

PARTS LIST:

- 2 EA. CENTER MOUNT FT420-50-5
- 1 EA. REAR SUPPORT TUBE DRIVER'S SIDE FT420-50-1
- 1 EA. FRONT SUPPORT TUBE DRIVER'S SIDE FT420-50-2
- 1 EA. FRONT SUPPORT TUBE PASSENGER'S SIDE FT420-50-3
- 1 EA. REAR SUPPORT TUBE PASSENGER'S SIDE FT420-50-4
- 2 EA. LOWER SPACER SLEEVES FT420-50-6
- 2 EA. ½" X 6" BOLTS GRADE 5
- 2 EA. ½" X 6 ½" BOLTS GRADE 5
- 3 EA. ½" X 1 ½" BOLTS GRADE 5
- 7 EA. ½" LOCK NUTS
- 8 EA. ½" USS WASHERS (LARGE DIAMETER)
- 10 EA. ½" SAE WASHERS (SMALL DIAMETER)
- 8 EA. SHOCK SLEEVES FT402087

TOOL LIST:

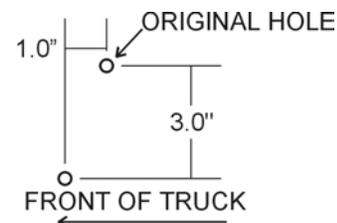
- FLOOR JACK
- JACK STANDS
- ASSORTED METRIC AND S. A. E. WRENCHES AND SOCKETS
- WHITE LITHIUM GREASE
- DRILL WITH ¼" AND ½" BIT

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

THIS KIT MUST BE INSTALLED WITH FABTECH FRONT SHOCKS NOT INCLUDED WITH THIS KIT.

INSTRUCTIONS:

1. 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. Starting on the Driver's side of the truck, remove the front shock and the 3 bolts securing the front upper shock mount to the frame. Replace the original cast shock mount with the new bolt on center section. Reuse the original bolts but only hand tighten. Remove the bolt securing the brake line tab to the frame.



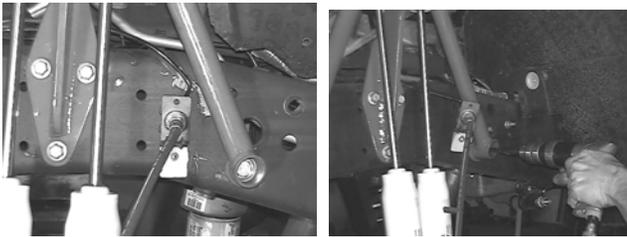
3. You will now relocate the upper brake line mounting tab. Mark a spot on the frame 3" below and 1" towards the front of the frame from the original hole. Drill a new ¼" hole and reinstall the original bolt.



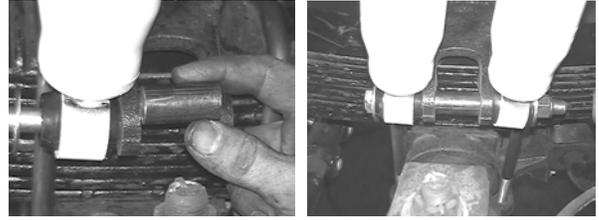
4. Locate the driver's side rear support tube (FTS420-50-1) it will have a "1" stamped on the flat bolt surface. Locate the end with the flat spot on the bolt surface, this will be the top. Insert a 1/2" x 6 1/2" bolt, with a 1/2" SAE flat washer (small diameter), through the top hole and through the shaft end of the shock. Place a 1/2" USS flat washer (large diameter) on the bolt and slide it through the upper center shock mount on the frame. Continue on the other side with another 1/2" USS flat washer, shock, and the driver's side front support tube (FTS420-50-2) it will have a "2" stamped on the flat bolt surface. Place a 1/2" SAE flat washer and 1/2" lock nut on the end of the bolt and hand tighten.



5. Remove the lower rear steering box bolt from the frame. Remove the flat washer and use the bolt to attach the bottom of the front shock support tube to the frame, through the original steering box hole. Torque the bolt to 40 ft/lbs.



6. Torque the upper shock bolt to 40 ft/lbs. Position the bottom of the rear shock support tube flush against the frame and mark the hole position using a center punch. Swing the support tube out of the way and drill a 1/4" pilot hole followed by a 1/2" bit. Attach the support tube to the frame using the 1/2" x 1 1/2" bolt, 1/2" flat washers and 1/2" lock nut. Torque the 1/2" bolt to 65 ft/lbs.



7. Slide a lower spacer sleeve into the original lower shock mount. Slide a 1/2" USS flat washer (large diameter) onto a 1/2" x 6" bolt. Slide the bolt into the bottom of the front shock, through the original lower shock mount and spacer sleeve. Continue through the rear shock, followed by another 1/2" USS flat washer and 1/2" lock nut. Torque the nut to 65 ft/lbs.



8. Repeat steps two through seven on the passenger's side of the truck. You will have to drill a 1/2" hole for the bottom of the passenger's side front support tube. Use the supplied 1/2" x 1 1/2" bolt, 1/2" SAE flat washer and 1/2" lock nut.
9. 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.

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

For technical assistance call: 714-990-8850

Fabtech Motorsports Suspension Products

Fabtech Motorsports warrants to the original retail purchaser who owns the vehicle on which the product was originally installed. Fabtech Motorsports does not warrant the product for finish, alterations, modifications and/or installation contrary to Fabtech Motorsports' instructions. Fabtech Motorsports suspension 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. Fabtech suspension products that increase the vehicle's ride height may greatly increase the risk of vehicle roll over. Vehicles should be operated in a safe manner at all times as not to cause a roll over or an accident resulting in injury or death. Fabtech Motorsports' obligation under this warranty is limited to the repair or replacement, at Fabtech Motorsports option of the defective product. Any and all costs of removal, installation or re-installation, freight charges, incidental or consequential damages are expressly excluded from this warranty. 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. Fabtech Motorsports does not warrant products not manufactured by Fabtech Motorsports. Please see Fabtech's Jobber Price Sheet for additional conditions and warnings.