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**4331 EUCALYPTUS AVE. ~~ CHINO, CA 91710**  
**909-597-7800 FAX 909-597-7185**  
**1983-2003 CHEVY S10 2 WHEEL DRIVE**  
**1983-1997 CHEVY BLAZER**  
**FTS7283-7 3.5" LIFT SPINDLES**

**PARTS LIST:**

|            | <b>FTS7283-7</b> | <b>S-10 / BLAZER LIFT SPINDLE</b> |
|------------|------------------|-----------------------------------|
| <b>Qty</b> | <b>Part #</b>    | <b>Description</b>                |
| 1          | FT20429          | Hdwr Sub-Assembly Kit             |
| 1          | FTS7283-7D       | Spindle Driver                    |
| 1          | FTS7283-7P       | Spindle Passenger                 |

|            | <b>FT20429</b> | <b>Hdwr Sub-Assembly Kit</b> |
|------------|----------------|------------------------------|
| <b>Qty</b> | <b>Part #</b>  | <b>Description</b>           |
| 2          | 10000005252    | #10 Split Lock Washer        |
| 2          | 10240751052    | #10-24 X 3/4" Hex Bolt       |
| 8          | 12002007000    | Cotter Pin 1/8" X 2"         |
| 4          | 12004007100    | 1/8" X 2" Zip Tie            |
| 2          | FT7283-7i      | Instruction Sheet            |
| 1          | FTAS12         | Sticker                      |
| 1          | FTAS16         | Driver Warning Decal         |
| 1          | FTREGCARD      | Registration Card            |

**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**

**TOOL LIST: (NOT INCLUDED)**

**FLOOR JACK AND JACK STANDS**

**ASSORTED METRIC AND S.A.E SOCKETS, & ALLEN WRENCHES**

**DIE GRINDER WITH A CUTOFF WHEEL OR SAWZALL**

**READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION! IF THESE INSTRUCTIONS ARE NOT PROPERLY FOLLOWED, SEVERE FRAME, SUSPENSION AND TIRE DAMAGE MAY RESULT TO THE VEHICLE.**

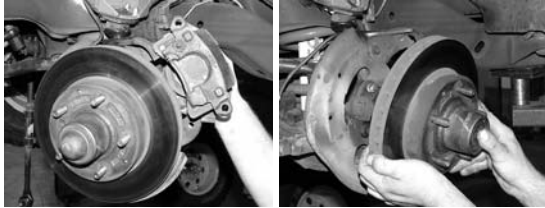
**WHEEL SPACERS MUST NOT BE INSTALLED WITH THESE 3" LIFT SPINDLES!**

**THE INSTALLATION OF THIS KIT REQUIRES EXTENDED BRAKE LINES THAT ARE NOT SUPPLIED WITH THIS KIT. REFER TO YOUR APPLICATION GUIDE FOR THE CORRECT PART NUMBER.**

**VEHICLES THAT WILL RECEIVE OVERSIZED TIRES SHOULD CHECK BALL JOINTS, TIE RODS ENDS AND IDLER ARM EVERY 2500-5000 MILES FOR WEAR AND REPLACE AS NEEDED.**

## **INSTRUCTIONS:**

1. Disconnect the negative terminal on the battery. Jack up the front end of the truck and support the frame rails with jack stands. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE!**
2. Starting on the driver's side, remove the front tire. Remove the 2 bolts securing the brake caliper to the spindle. Remove the dust cap on the wheel bearings, followed by the cotter pin and bearing nut. Slide the rotor off the spindle, making sure the inner bearing slides off with the rotor and does not unseat the seal. If the bearings need to be repacked do so at this time and install a new grease seal. SEE PHOTOS BELOW.



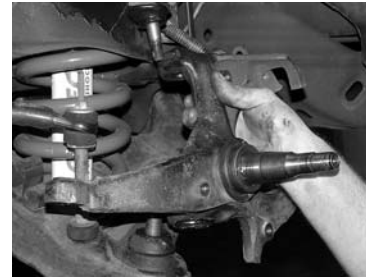
3. If the truck is equipped with anti lock brakes, disconnect the wire connector at the frame and spindle. Remove the bolts securing the dust shield and ABS sensor (on later model trucks). SEE PHOTO BELOW.



4. Grind off the rivet securing the ABS wire clamp to the dust shield and remove the clamp. Mark the top corner of the dust shield, as shown, and trim the marked area with sheet metal shears. SEE PHOTOS BELOW.



5. Remove the cotter pin from the nut securing the tie rod end to the spindle and separate the tie rod from the spindle using a tie rod puller.
6. Support the lower control arm with a jack and remove the two cotter pins and nuts securing the spindle to the upper and lower ball joints. Separate the spindle from the ball joints. SEE PHOTO IN NEXT COLUMN.



7. Grind the heads off the rivets securing the steering stop to the backside of the LCA. Using a punch or air chisel, remove the rivets and steering stop from the LCA. SEE PHOTO BELOW.



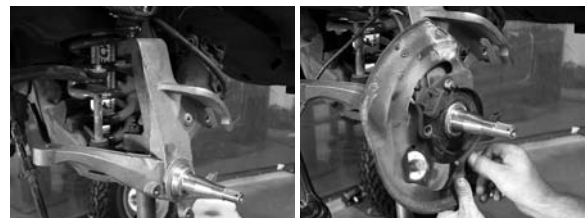
8. Take the supplied cutting pattern and mark the lower control arm. SEE PHOTO BELOW AND DIAGRAM AT END OF INSTRUCTION SHEET.



9. Using a die grinder with a cutoff wheel or sawzall, trim the lower control arm as shown. SEE PHOTOS BELOW.



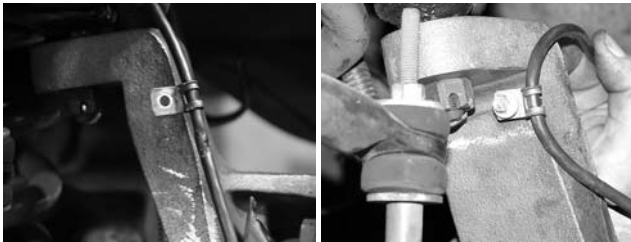
10. Place the driver's side lift spindle onto the upper and lower ball joints. Fully tighten both the upper and lower castle nuts and install two new supplied cotter pins. Attach the dust shield to the lift spindle using the original hardware. SEE PHOTOS BELOW.



11. Using sheet metal shears trim off the small ear on the dust shield. SEE PHOTO BELOW.



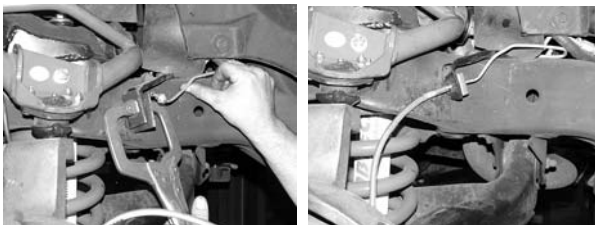
12. On trucks equipped with ABS, slide the small wire clamp up approximately 1". Do not cut or kink the wire. Using the supplied 10-24 bolt and washer, secure the wire clamp to the threaded hole on the back of the spindle. SEE PHOTOS BELOW.



13. Route the ABS wire up the UCA and reconnect the frame connector. Attach the wire to the UCA with the supplied cable ties. SEE PHOTO BELOW.



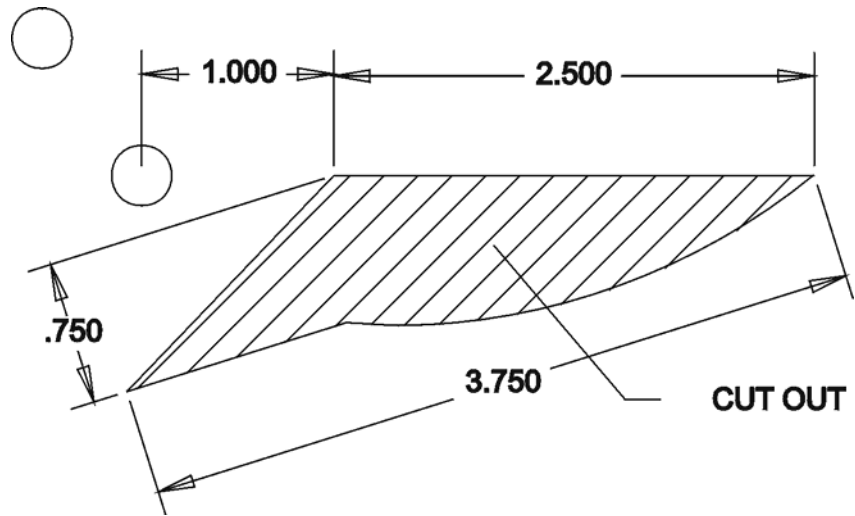
14. Remove the factory brake line and bend the frame tab slightly downward as shown above. Install the new brake line (not supplied with this kit) and reconnect the factory hard line. You may have to slightly bend the hard line, **BE SURE NOT TO KINK THE LINE**. SEE PHOTOS BELOW.



15. If the front wheel bearings need to be replaced or repacked, do it at this time. Place some grease on the spindle and slide the rotor back on. Tighten the original castle nut just enough to remove any free play from the rotor and still allow it to rotate freely. Insert the cotter pin retainer and one of the new cotter pins. Tap the dust cap back in place using a rubber mallet.
16. Connect the tie rod to the spindle using the original nut. Fully torque the nut and install one of the new supplied cotter pins. SEE PHOTO BELOW.



17. Slide the brake caliper onto the lift spindle. Make sure the brake pads are properly seated on the caliper. Thread the caliper bolts into the spindle and torque to factory specs.
18. Repeat steps two through seventeen on the opposite side of the truck.
19. With both sides of the truck completely finished and the truck still off the ground, cycle the steering left to right from stop to stop. Make sure there is plenty of clearance between the ABS line, all other components, the lower control arm, spindle and brake caliper.
20. Fully bleed the front brakes. Refer to the factory maintenance manual for the proper procedure.
21. Reinstall the tires onto the truck and torque the lugs to factory specifications, which can be found in the owners manual. Set the truck back on the ground and cycle the steering left to right from stop to stop. Make sure there is plenty of clearance between the ABS line, all other components, the lower control arm, spindle and brake caliper.
22. Drive the truck for several miles and recheck all clearances. Also check for any play in the front wheel bearings. Rebleed the front brakes if necessary.
23. Check front-end alignment and set to factory specifications. Re-adjust headlights.



Cut out this pattern for use on both sides of the truck.

**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.

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