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*FTS1500GKR UPPER CONTROL ARM GUSSET KIT*  
**1988-98 CHEVROLET C1500**

**PARTS LIST:**

2 EA. FRONT SMALL GUSSET PLATES

2 EA. REAR LARGE GUSSET PLATES

**TOOL LIST: (NOT INCLUDED)**

FLOOR JACK

JACK STANDS

MIG WELDER

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

**THE INSTALLATION OF THIS GUSSET KIT REQUIRES WELDING WHICH SHOULD ONLY BE PERFORMED BY AN EXPERIENCED WELDER.**

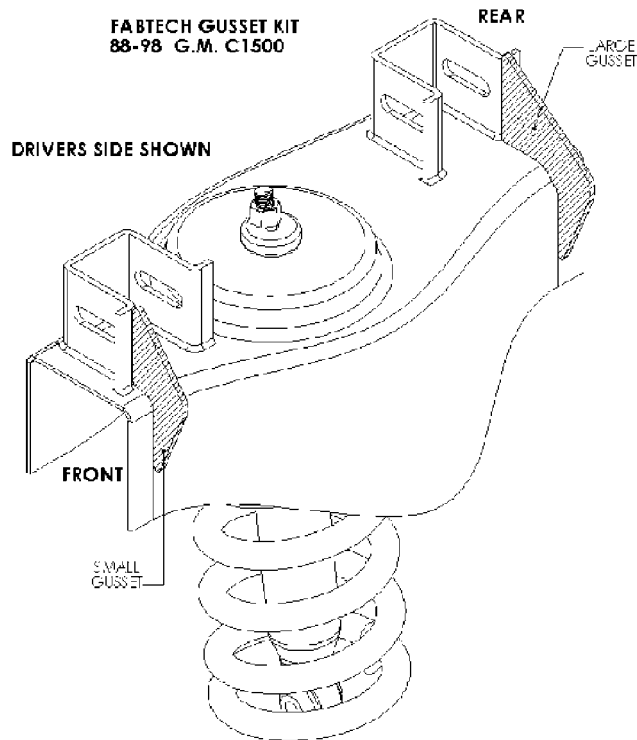
**READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION!**

**WARNING: FABTECH RECOMMENDS THAT YOU EXERCISE EXTREME CAUTION WHEN WORKING WITH COIL SPRINGS TO AVOID ANY POSSIBILITY OF INJURY.**

**INSTRUCTIONS:**

1. The following instructions have been created to provide the quickest most efficient installation of the FTS1500GKR kit. Follow these steps in order for a proper installation.
2. Jack up the front end of the truck and support the frame rails with jack stands. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE!** Remove the front tires.
3. Support the lower control arm (LCA) with a jack, enough to raise the upper control arm (UCA) bump stop off the frame. Mark the position of eccentric cams on the UCA mounts as to retain alignment specifications during reassembly. Remove the two bolts on the UCA mounts. Slide the UCA out of the frame mounts, **DO NOT ALLOW THE SPINDLE AND UCA TO HANG FROM THE BRAKE LINE.** You do not have to remove the UCA from the ball joint. Using a solvent like acetone, remove the black wax off the frame on the UCA mounts and side of frame below mounts.
4. Tack weld the UCA gussets into place as shown on the supplied drawing. Slide the UCA back into the frame mount and be sure there is adequate clearance between the UCA and the new gussets. Slide the UCA back out of the pocket and completely weld both sides of the gusset onto the frame and UCA mount.

5. Inspect the factory UCA pocket for proper factory weld size and penetration. Many factory welds are undersized and do not have good penetration due to automation assembly process at GM. Should the factory weld on the UCA pocket appear to lack proper penetration and structure re-weld at this time.
6. When all the welded areas have cooled, paint all exposed areas.
7. Reinstall the UCA the same way they were removed. Make sure to realign the eccentric cams with the previous marks and torque the bolts to 140LBS. Reinstall the wheels and torque the lug nuts to the wheel manufacturers specifications.
8. Repeat steps two through four on the opposite side 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.

Coil over 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.