



2008 Polaris Ranger RZR Gusset Kit FTR10078

	FTR10078	Gusset Kit
Qty	Part #	Description
2	FT95170	Front LCA Rear Gusset
2	FT95171	Front Frame Gusset
1	FT95172	Front Frame Gusset Driver
1	FT95173	Front Frame Gusset Pass
1	FT95174	Front LCA Rear Gusset Driver
1	FT95175	Front LCA Rear Gusset Pass
1	FT95176	Front UCA Front Gusset Driver
1	FT95177	Front UCA Front Gusset Pass
1	FT95178	Front Shock Gusset Driver
1	FT95179	Front Shock Gusset Pass
1	FT95180	Rear Shock Gusset Rear Driver
1	FT95181	Rear Shock Gusset Rear Pass
1	FT95182	Rear Shock Gusset Front Driver
1	FT95183	Rear Shock Gusset Front Pass
1	FT95184	Rear Control Arm Rear Gusset Driv
1	FT95185	Rear Control Arm Rear Gusset Pass
1	FT95186	Rear LCA Front Gusset Driver
1	FT95187	Rear LCA Front Gusset Pass
1	FT95188	Rear Control Arm Gusset Driv
1	FT95189	Rear Control Arm Gusset Pass
2	FTR10078i	Instructions
1	FTBOX8	Box

**4331 EUCALYPTUS AVE. ~ CHINO, CA 91710
909-597-7800 FAX 909-597-7185**



2008 Polaris Ranger RZR Gusset Kit FTR10078

**THE GUSSETS PROVIDED WITH THIS KIT ARE A WELD-ON INSTALLATION. ONLY AN
EXPIRENED CERTIFIED WELDER SHOULD COMPLETE THIS INSTALLATION.**

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 PARTS ARE MISSING, CONTACT FABTECH AT 909-597-7800.**

**DO NOT ALTER THE FINISH OF THESE COMPONENTS, EXAMPLE- CHROMING, ZINC PLATING OR
PAINTING. CHANGING THE FINISH CAN CAUSE STRUCTURAL FATIGUE OF COMPONENTS.**

**PRIOR TO JACKING THE FRONT OF THE RZR TO START THIS INSTALLATION, MAKE SURE THAT THE
ENTIRE STEERING ASSEMBLY (STEERING WHEEL, RACK & PINION, AND TIE ROD ASSEMBLY) OF THE
RZR IS CENTERED AND STRAIGHT WITH A FRONT END ALIGNMENT PERFORMED AND RECORDED. DO
NOT INSTALL THIS SYSTEM IF THE VEHICLE ALIGNMENT IS NOT WITHIN FACTORY SPECIFICATIONS.
CHECK FOR FRAME AND SUSPENSION DAMAGE PRIOR TO INSTALLTION.**

TOOL LIST:

- Assorted Metric & Standard Wrenches
- Torque Wrench
- Floor Jack
- Jack Stands
- Air Saw
- Mig Welder
- Die Grinder w/ sanding discs
- CV Boot Clamp Crimping Tool

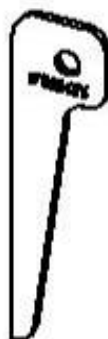
INSTALLATION INSTRUCTIONS:

1. Disconnect the negative terminal on the battery. With the RZR on level ground, set the emergency brake and block the rear tires. **Center the steering wheel, rack & pinion, and wheels and tires.** Jack up the front end of the RZR and support the frame rails with jack stands. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE!** Remove the front tires and hood and fascia.
2. Remove and save the front brakes, hubs, and CV axles, the front upper & lower control arms, and shock assemblies. ALL these components will be re-installed after the gusset kit is installed.
3. Install the **REQUIRED** weld on gusset kit at this time. This will require a certified welder to weld the gussets to the RZR. REMOVE ALL PAINT, GREASE, DIRT, OR OTHER OBSTRUCTIONS THAT WILL INHIBIT THE WELDING OF THE GUSSETS TO THE FRAME. SEE PHOTOS AND DIAGRAM ON LAST PAGES OF INSTRUCTION SHEETS.
4. Once gusset kit has completely cooled, paint all bare metal areas.
5. Re-install the front suspension, shocks, and brake components as they were removed.
6. Re-install the front hood and fascia
7. Install tires and wheels and torque lug nuts to wheel manufacturer's specifications. Turn front tires left to right and check for appropriate tire clearance.
8. With the RZR on level ground, jack up the rear end and support the frame rails with jack stands. Chock the front tires. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE!** Remove the rear tires.
9. Remove the rear valance and save with all the hardware (use care with the electrical wires and bulbs)
10. Remove and save the rear brakes, hubs and CV axles, the rear upper & lower control arms, and shock assemblies. ALL these components will be re-installed after the gusset kit is installed.
11. Install the **REQUIRED** weld on gusset kit at this time. This will require a certified welder to weld the gussets to the RZR. REMOVE ALL PAINT, GREASE, DIRT, OR OTHER OBSTRUCTIONS THAT WILL INHIBIT THE WELDING OF THE GUSSETS TO THE FRAME. SEE PHOTOS AND DIAGRAM ON LAST PAGES OF INSTRUCTION SHEETS.
12. Once gusset kit has completely cooled, paint all bare metal areas.
13. Re-install the rear suspension, shocks, and brake components as they were removed. Re-install the rear valance and hardware (use care with the electrical wires and bulbs)
14. Install tires and wheels and torque lug nuts to wheel manufacturer's specifications. Turn front tires left to right and check for appropriate tire clearance. Check the toe adjustment for the front tires and adjust as necessary. **Make sure that the rack & pinion is centered before adjusting the inner and outer tie rods, and that both sides are adjusted equally for proper thread engagement on all the ends. This will ensure the correct amount of turns in the steering to both sides.** Adjust the ¾" heim and jam nut on front upper control arm if necessary. Apply thread-locking compound and tighten after final adjustment.

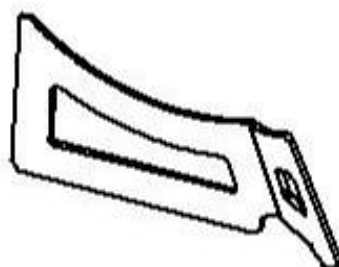
REAR INSTRUCTIONS



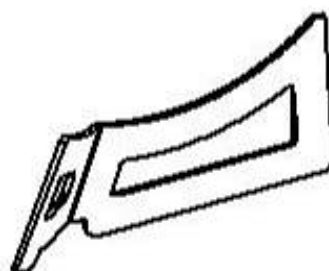
FT95170
FRONT LCA
GUSSET



FT95171
FRONT FRAME
GUSSET



FT95172
FRONT FRAME
GUSSET DRIVER



FT95173
FRONT FRAME
GUSSET PASS



FT95174
FRONT LCA
REAR GUSSET
DRIVER



FT95175
FRONT LCA
REAR GUSSET
PASS



FT95176
FRONT UCA
GUSSET DRIVER



FT95177
FRONT UCA
GUSSET PASS



FT95178
FRONT SHOCK
GUSSET DRIVER



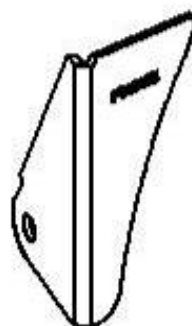
FT95179
FRONT SHOCK
GUSSET PASS



FT95180
REAR SHOCK
GUSSET
REAR DRIVER



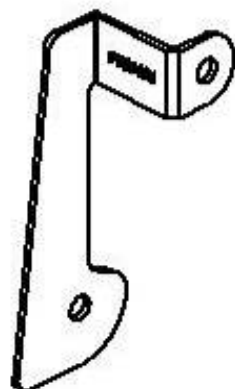
FT95181
REAR SHOCK
GUSSET
REAR PASS



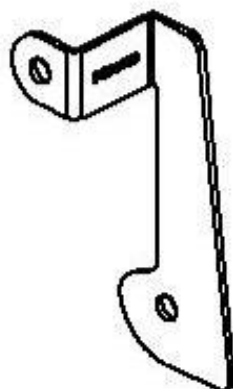
FT95182
REAR SHOCK
GUSSET
FRONT DRIVER



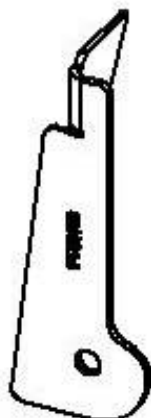
FT95183
REAR SHOCK
GUSSET
FRONT PASS



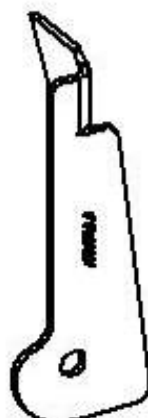
FT95184
REAR CONTROL
ARM REAR
GUSSET DRIVER



FT95185
REAR CONTROL
ARM REAR
GUSSET PASS



FT95186
REAR LCA
FRONT GUSSET
DRIVER



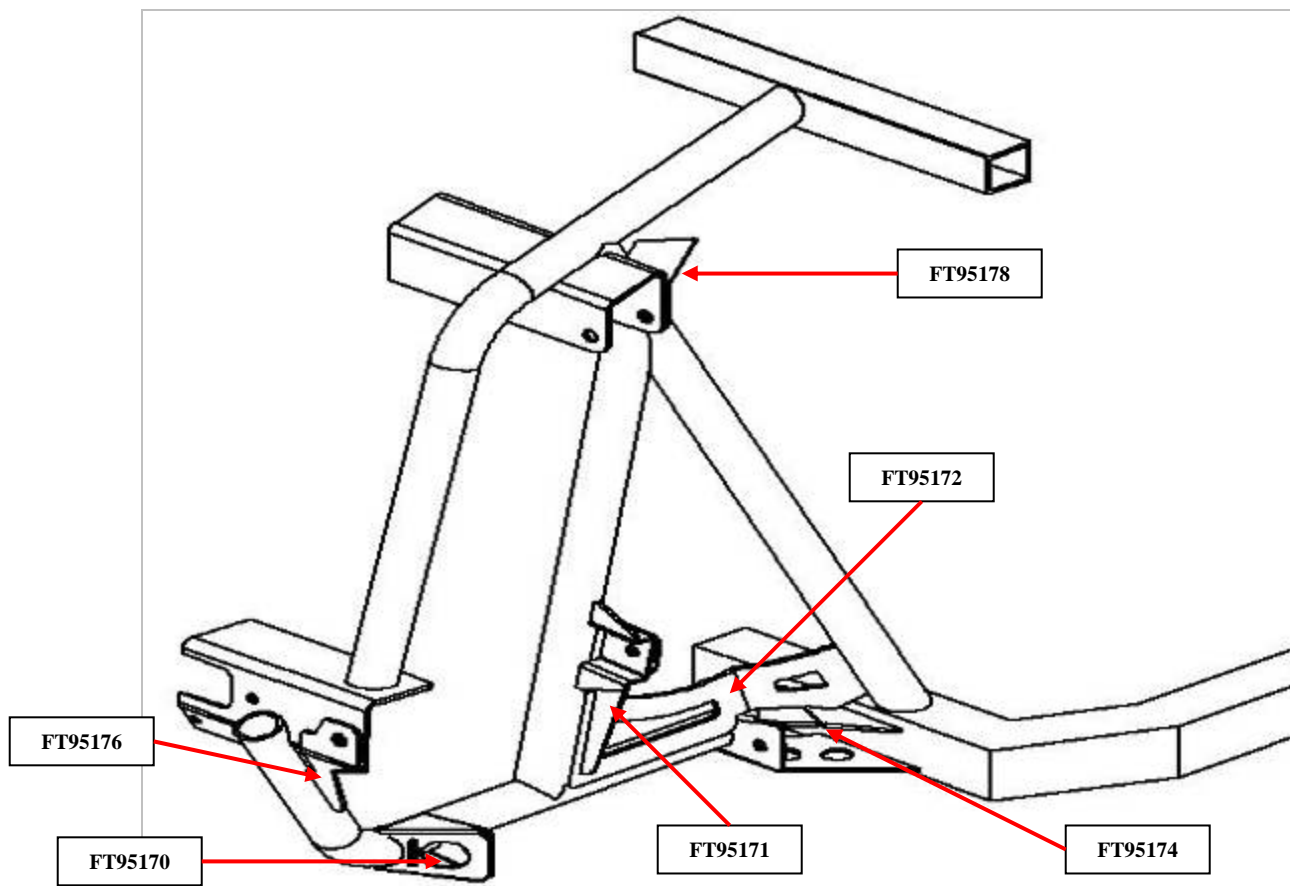
FT95187
REAR LCA
FRONT GUSSET
PASS



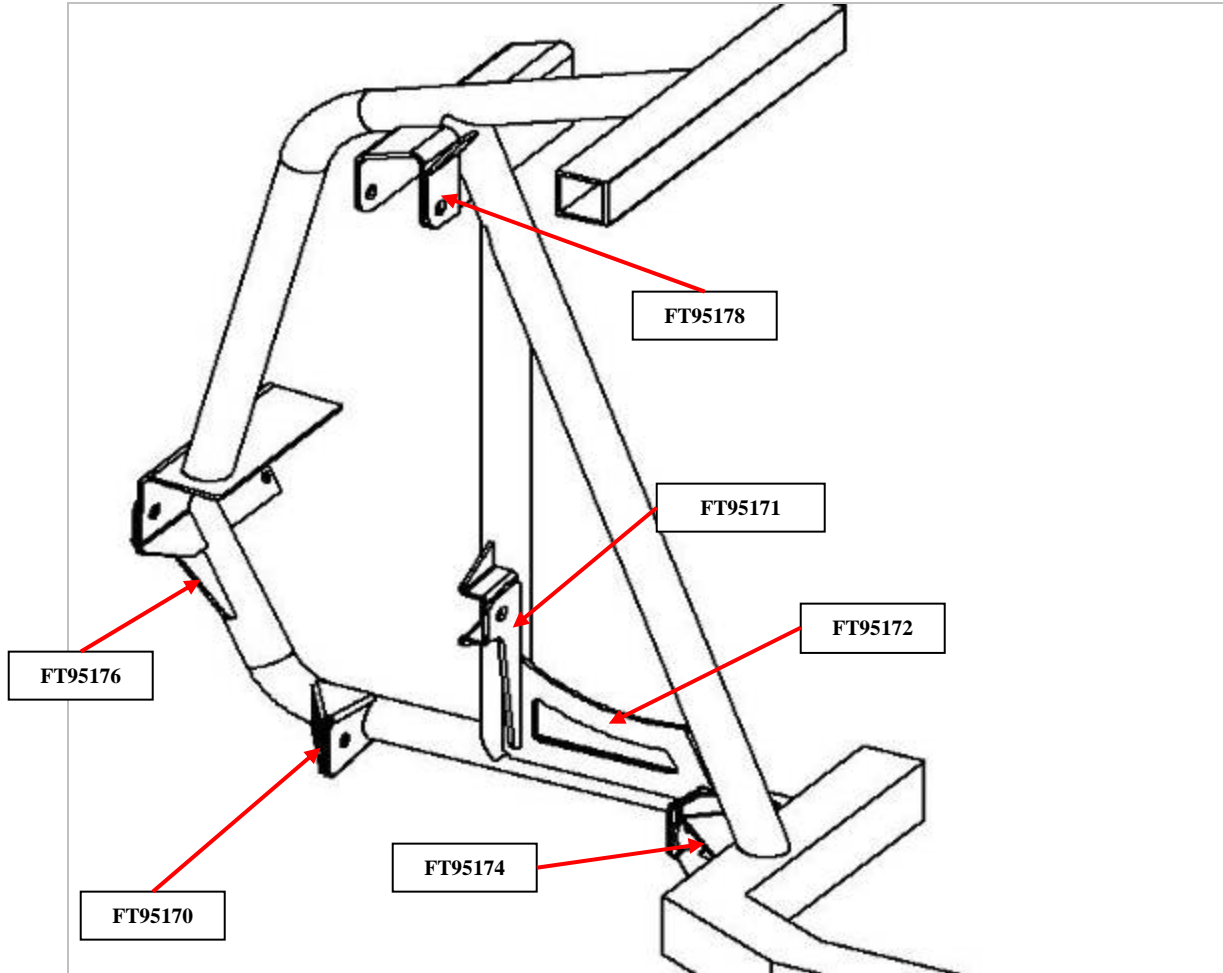
FT95188
REAR CONTROL
ARM REAR
GUSSET DRIVER



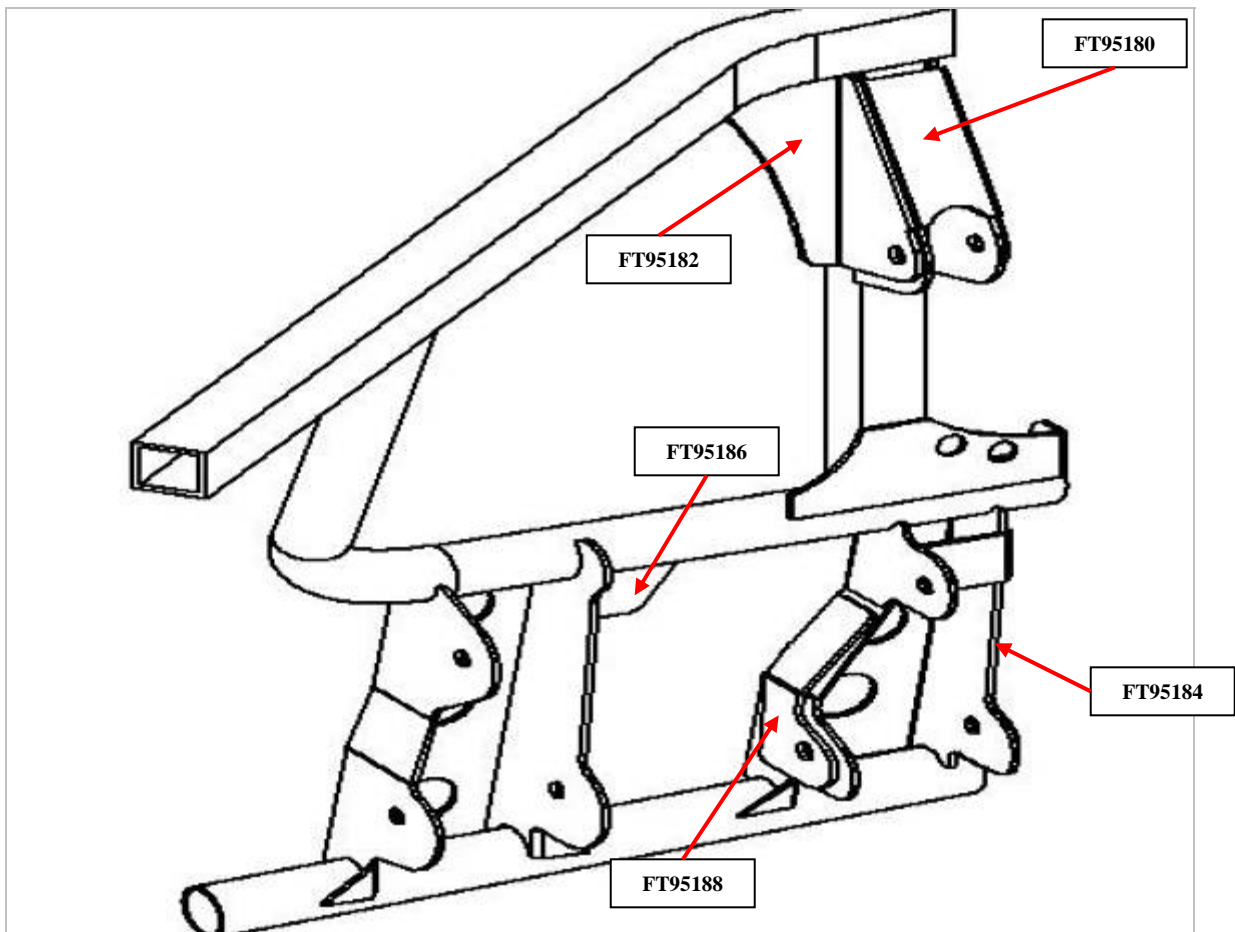
FT95189
REAR CONTROL
ARM REAR
GUSSET PASS



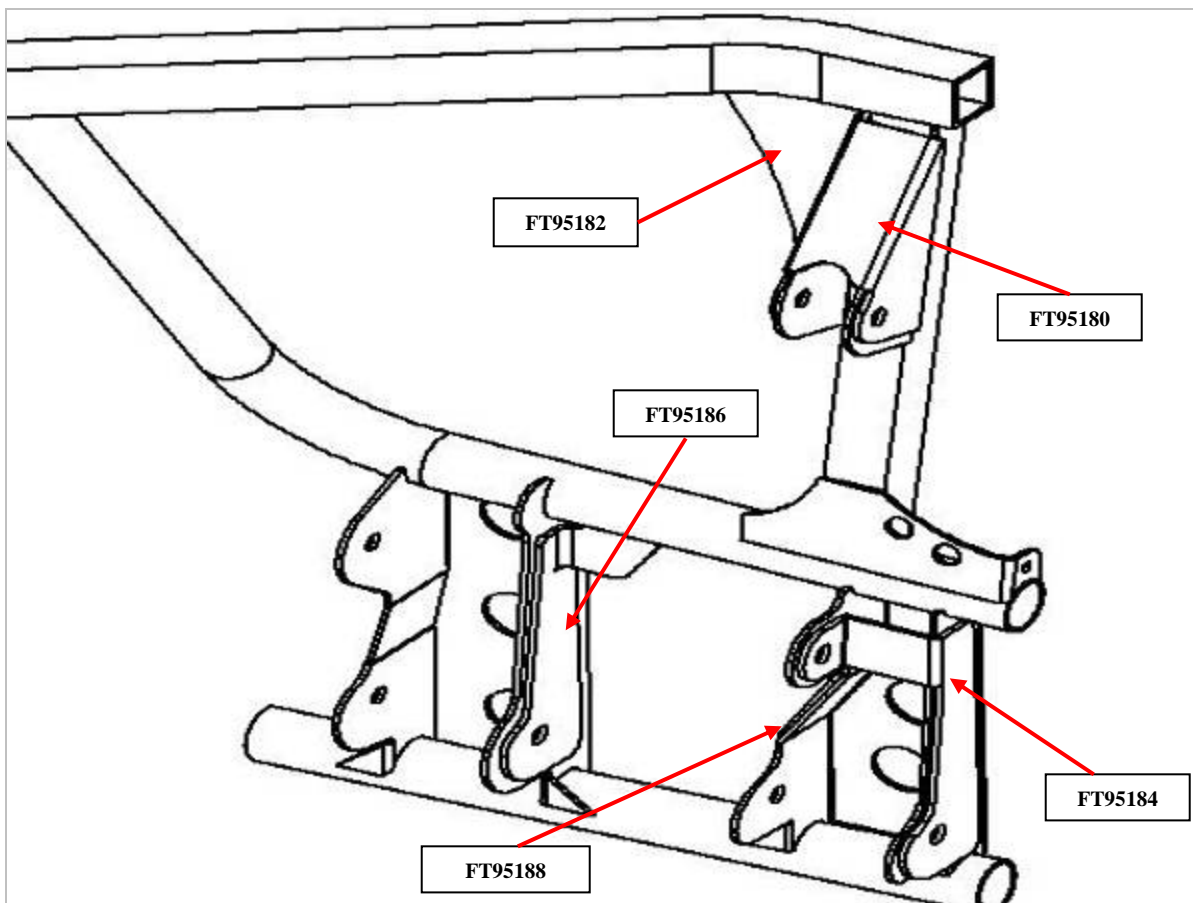
Driver Side Front View Of Front Frame Section



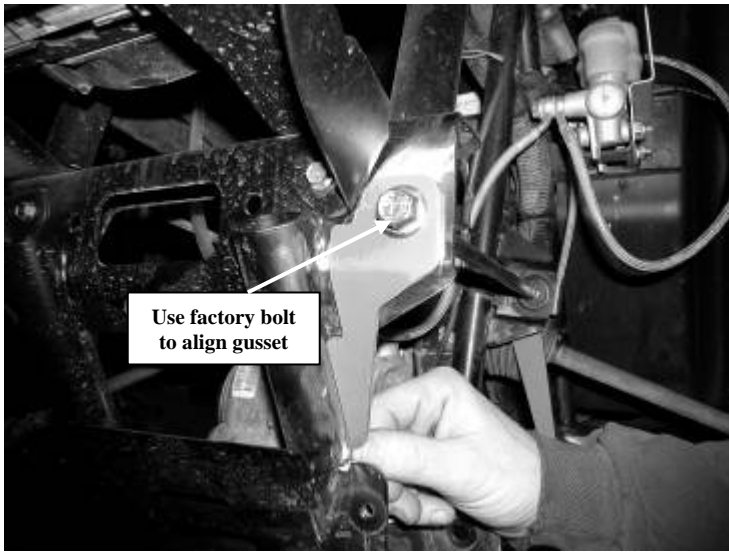
Driver Side Rear View of Front Frame Section



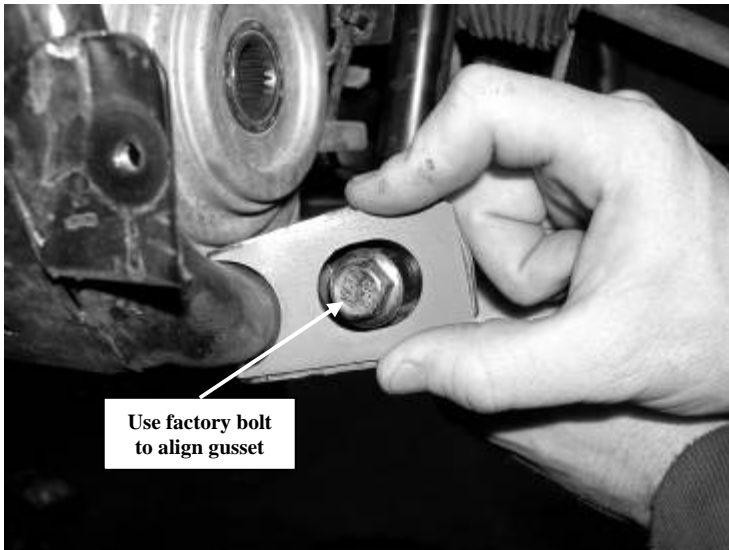
Driver Side Front View of Rear Frame Section



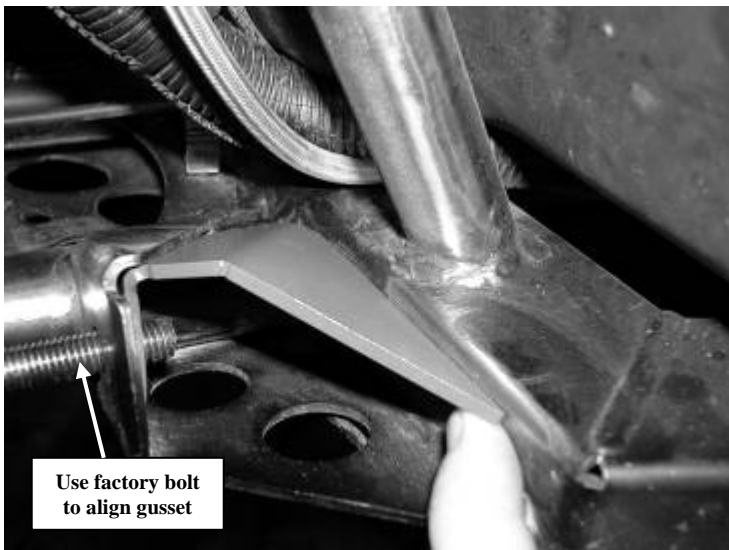
Driver Side Rear View of Rear Frame Section



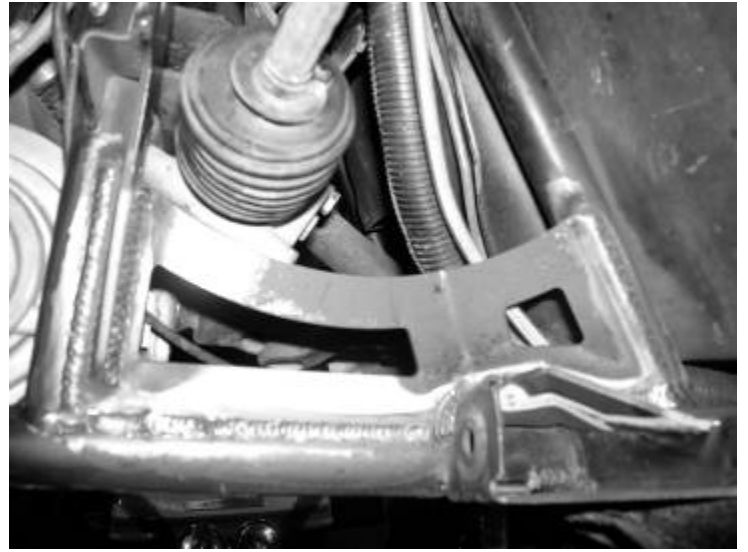
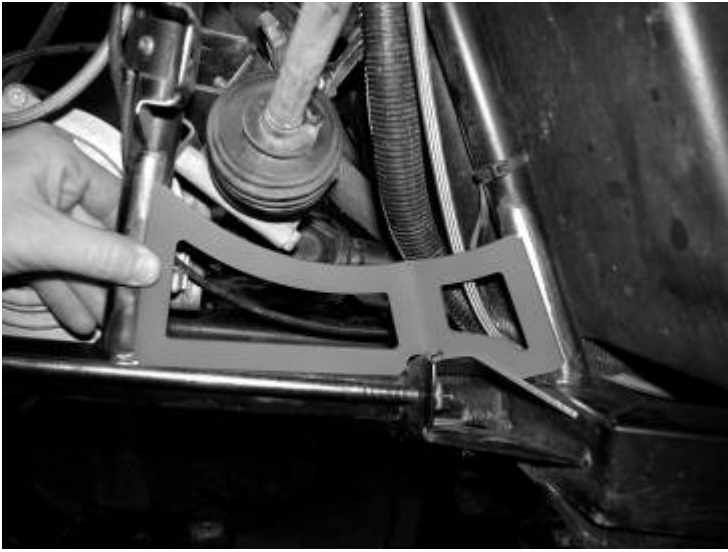
FT95176 Front Upper Control Arm Gusset



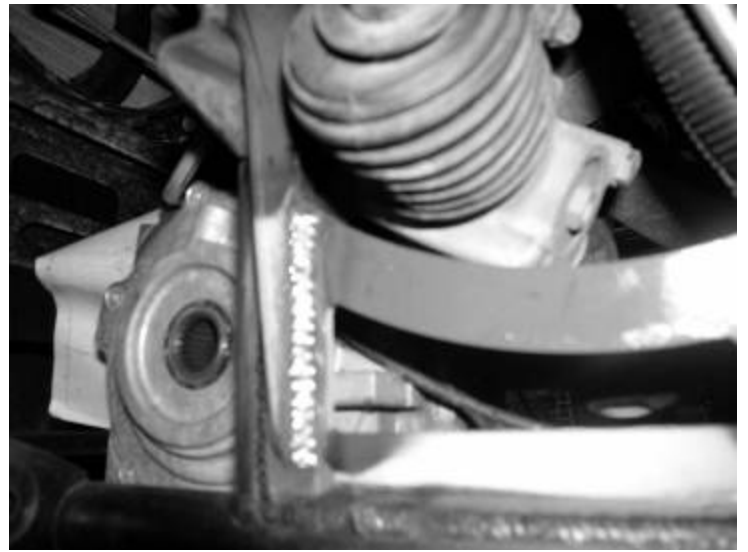
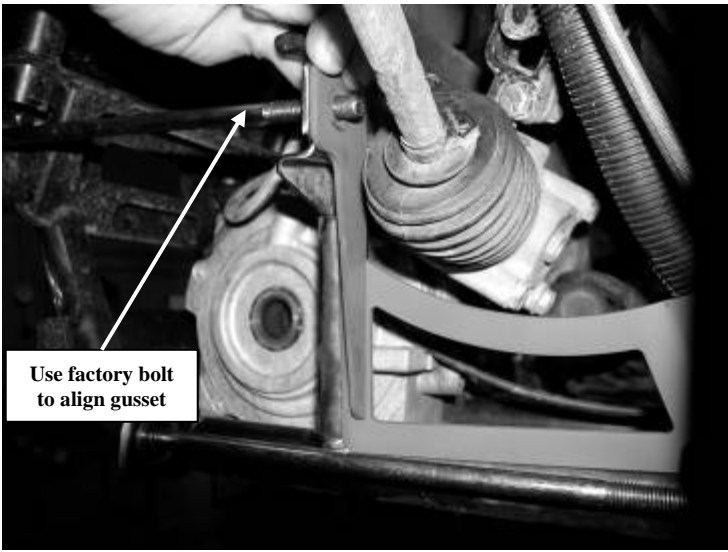
FT95170 Front Lower Control Arm Gusset



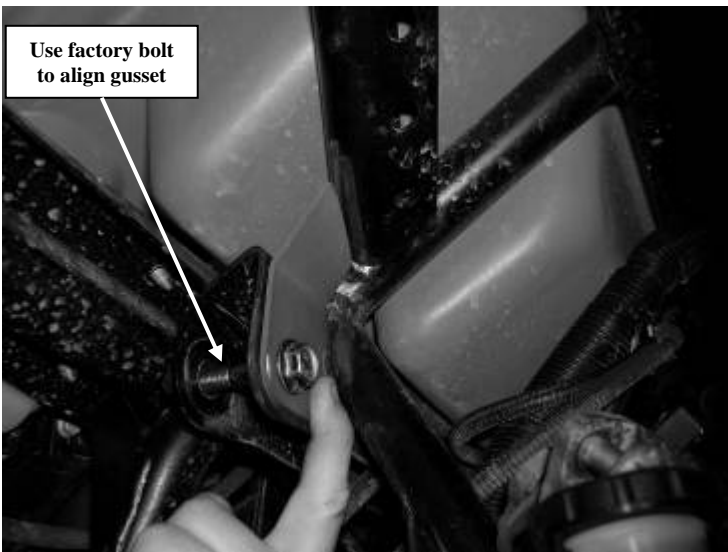
FT95174 Front Lower Control Arm Rear Gusset



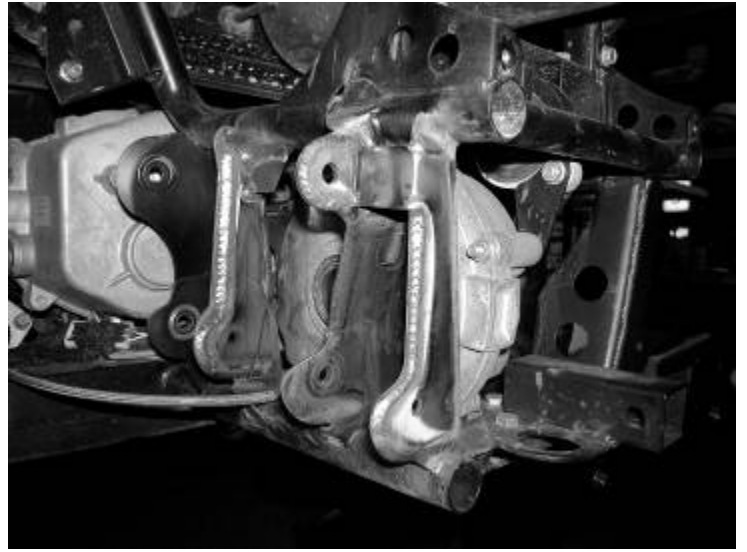
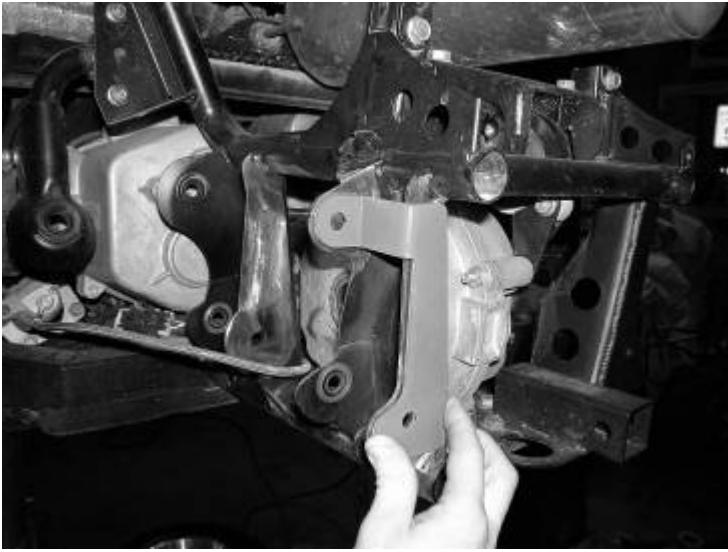
FT95712 Front Frame Gusset



FT95171 Front Frame Gusset



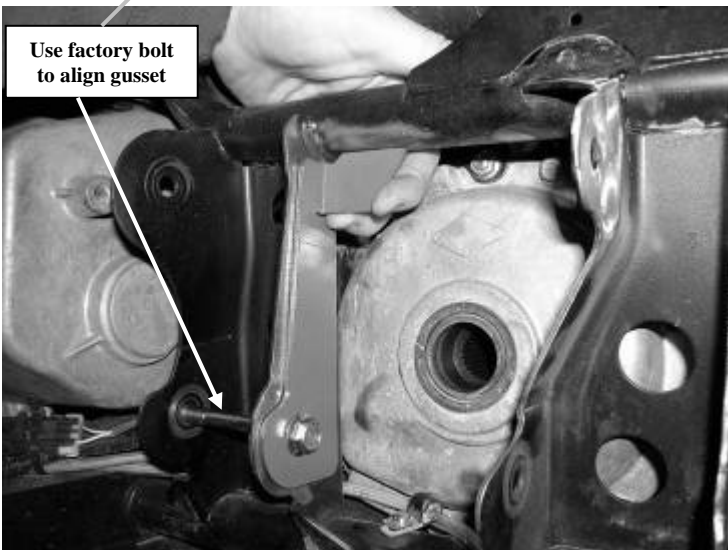
FT95178 Front Shock Gusset



FT95184 Rear Control Arm Rear Gusset



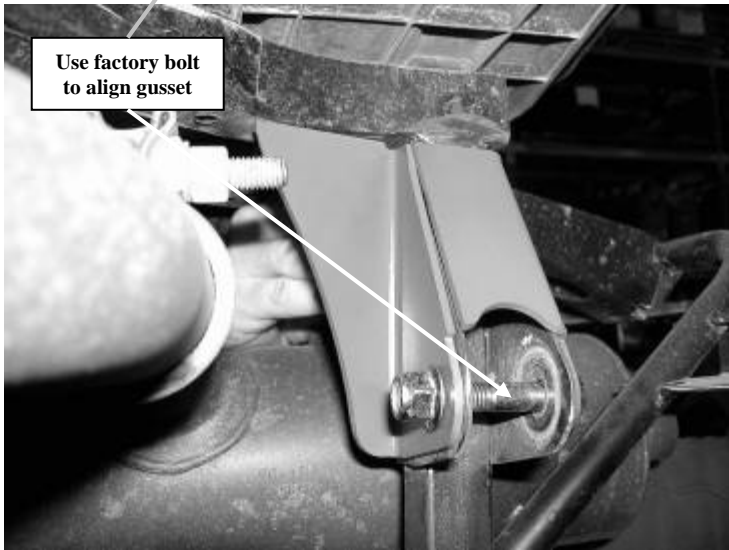
FT95186 Rear Lower Control Arm Front Gusset



FT95186 Rear Lower Control Arm Front Gusset



FT95180 Rear Shock Gusset



FT95182 Rear Shock Gusset Front

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 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 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.