

INSTALLATION INSTRUCTIONS

| K4186 JEEP JL/JT FRONT INNER FENDER LINERS (STOCK FENDERS) Page #8 | | |
|---|----------|--------------------------|
| 1 | FTS24271 | INNER FENDER LINER KIT |
| 1 | FTS24287 | MOUNTS FOR STOCK FENDERS |

| K4187 JEEP JL/JT FRONT INNER FENDER LINERS (FABTECH TUBE FENDERS) Page #3 | | |
|--|----------|--------------------------|
| 1 | FTS24271 | INNER FENDER LINER KIT |
| 1 | FTS24292 | MOUNTS FOR STOCK FENDERS |

| FTS24271 JEEP JL/JT FRONT INNER FENDER LINERS | | |
|--|---------|------------------------------|
| 1 | FT50860 | DRIVER FRONT INNER LINER |
| 1 | FT50861 | PASSENGER FRONT INNER LINER |
| 1 | FT50863 | HARDWARE SUBASSEMBLY |
| 2 | FT50868 | PERFORATED INSERT |
| 1 | FT50915 | FENDER FILLER PLATE (DRIVER) |
| 1 | FT50916 | FENDER FILLER PLATE (PASS) |

| FTS24287 MOUNT KIT FOR STOCK FENDERS | | |
|---|---------|--------------------------------|
| 1 | FT50929 | INNER FENDER MOUNT (DRIVER) |
| 1 | FT50930 | INNER FENDER MOUNT (PASSENGER) |

| FTS24292 MOUNT KIT FOR FABTECH TUBE FENDERS | | |
|--|---------|--------------|
| 4 | FT50865 | BENT NUT TAB |
| 4 | FT50866 | FLAT NUT TAB |

2018-2022 JEEP WRANGLER (JL) 2020-2022 JEEP GLADIATOR (JT)

FRONT INNER LINER KIT FT24271i

NOTE: TO ORDER WEARABLE REPLACEMENT COMPONENTS DO NOT USE PART NUMBERS SHOWN ON THIS INSTRUCTION SHEET. GO TO FABTECH WEBSITE AND LOOK UP WEARABLE REPLACEMENT PARTS TO FIND THE PROPER PART NUMBER TO ORDER.

Fabtech Motorsports | 4331 Eucalyptus Ave. Chino, CA 91710

Tech Line: 909-597-7800 | Fax: 909-597-7185 | Web: www.fabtechmotorsports.com

| FT50863 | | HARDWARE SUBASSEMBLY |
|---------|----------|--------------------------------|
| 1 | FT24271i | INSTRUCTIONS |
| 1 | FT50697 | RUBBER TRIM 12" |
| 1 | FT50864 | HARDWARE KIT |
| 2 | FT50867 | BRACKET (REAR) |
| 1 | FT50884 | NUT TAB BRACKET (DRIVER FRONT) |
| 1 | FT50885 | NUT TAB BRACKET (PASS FRONT) |
| 2 | FT50902 | BRACKET (CENTER) |
| 2 | FT50905 | NUT TAB (FRONT) |
| 2 | FT90172 | RUBBER GROMMET 5/16" HOLE |
| 2 | FT90174 | RUBBER GROMMET 13/32" HOLE |

| FT50864 - HARDWARE KIT | | LOCATION |
|------------------------|----------------------------------|----------|
| 6 | 1/4-20 X 1/2" BUTTONHEAD BOLT SS | |
| 12 | 1/4-20 X 3/4" BUTTONHEAD BOLT SS | |
| 24 | 1/4" FLAT WASHER SS | |
| 6 | 1/4-20 C-LOCK NUT | |
| 4 | 10-32 X 3/4" BUTTONHEAD BOLT SS | |
| 2 | #10 LARGE OD FLAT WASHER | |
| 6 | #10 FLAT WASHER | |
| 4 | 10-32 NYLOCK NUT SS | |
| 8 | 8-32 X 1/2" BUTTONHEAD BOLT SS | |
| 16 | #8 FLAT WASHER SS | |
| 8 | 8-32 NYLOCK NUT SS | |

- TOOL LIST -

Required Tools (Not Included)

- | | |
|---|--|
| - Basic Hand Tools | - Brake Cleaner |
| - Floor Jack | - Adhesive Remover |
| - Jack Stands | - Torque Wrench |
| - Assorted Metric and S.A.E sockets, and Allen wrenches | - Die Grinder w/ Cutoff Wheel or Sawzall |
| - Torque Wrench | - Plastic Rivet Tool |

- PRE-INSTALLATION NOTES -

For technical assistance call: **909-597-7800** or e-mail: **info@fabtechmotorsports.com**

READ THIS BEFORE YOU BEGIN INSTALLATION -

Check all parts to the parts list above before beginning installation. If any parts are missing contact Fabtech at 909-597-7800 and a replacement part will be sent to you immediately.

FOOTNOTES -

- Fits 6 Cyl gas models only.

NOTE -

- If installing with Fabtech Tube style fenders begin with page #3
- If installing with factory style fenders begin with page #8

- INSTRUCTIONS -

Installation Instructions for Fabtech Tube Style Front Fenders

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!** Remove the front tires.
2. If equipped, remove any inner fender plastics from the vehicle. **SEE FIGURE 1**

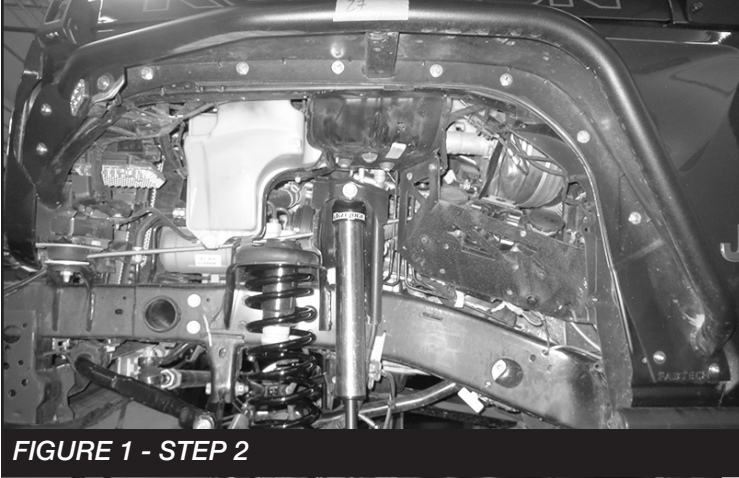


FIGURE 1 - STEP 2

3. Remove all of the protective film from the new aluminum liners. Use brake cleaner to remove the writing and adhesive remover to remove any adhesive left over from the film removed. **SEE FIGURE 2**



FIGURE 2 - STEP 3

4. Install the FT50868 (Mesh Insert) using the 8-32 x 1/2" button head bolts and hardware to the back side of the liner. **SEE FIGURES 3-4** Torque to 18 in-lbs



FIGURE 3 - STEP 4

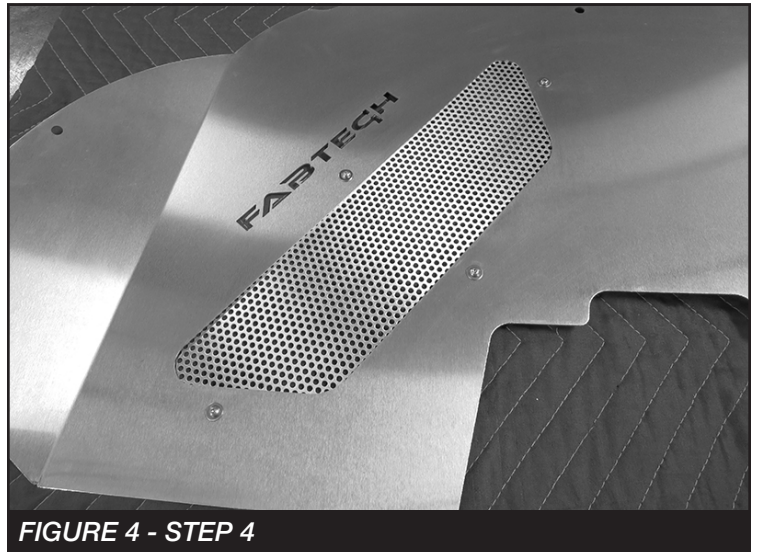


FIGURE 4 - STEP 4

5. Starting with the driver side. Install one of the FT90172 (5/16" Rubber Grommet smaller hole) into the factory hole located on the frame bracket at the rear of the wheel well. **SEE FIGURES 5-6**



FIGURE 5 - STEP 5



FIGURE 6 - STEP 5

6. Locate the hardware mounting the Fabtech tube fenders to the vehicle. From the front of the vehicle, remove the 2,3,5,6 nuts and install two FT50865 (Bent nut tab) & two FT50866 (Flat nut tab) to the back of the fenders. Leave loose. **SEE FIGURE 7**

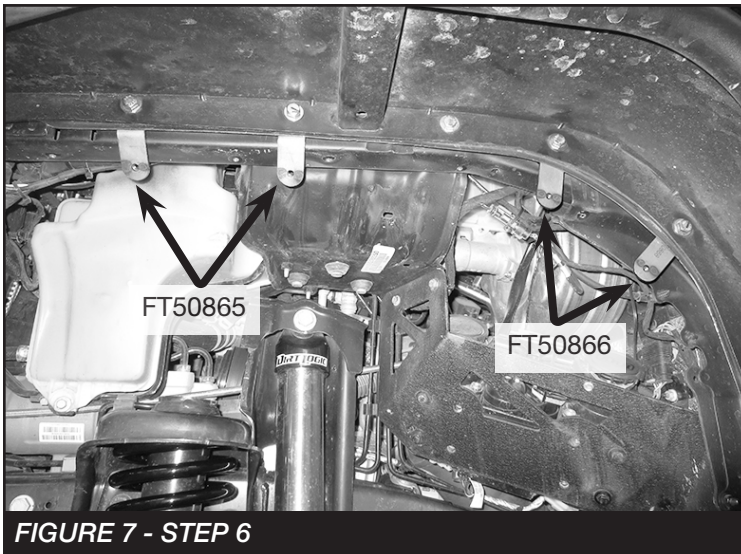


FIGURE 7 - STEP 6

7. Install FT50884 (Driver front bracket) to the existing hole on the frame mount using the supplied 1/4-20 X 3/4" button head bolt, washer and FT50905 (Nut tab). **SEE FIGURE 8 FOR ORIENTATION.** Torque to 8 ft-lbs.

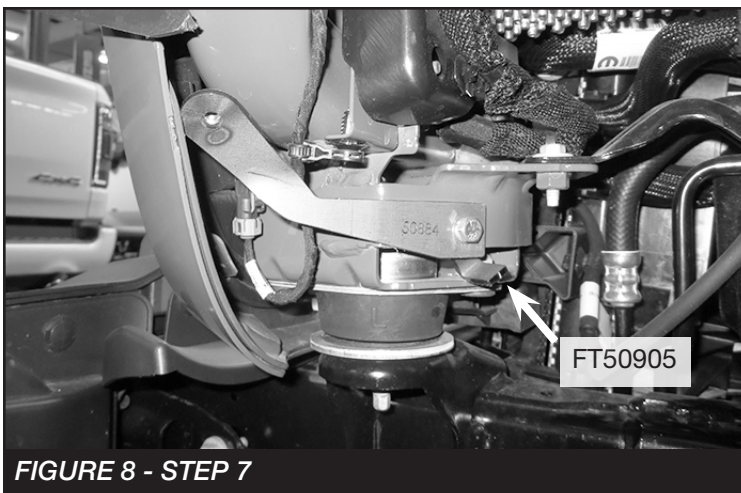


FIGURE 8 - STEP 7

8. Install FT50867 (Rear Nut tab) to the frame hole where the 5/16" rubber grommet was installed. Use the supplied 10-32 X 3/4" button head bolt, washers and nut. **NOTE: The #10 large OD washer will be installed on the backside of the rubber grommet. SEE FIGURE 9 FOR ORIENTATION.**

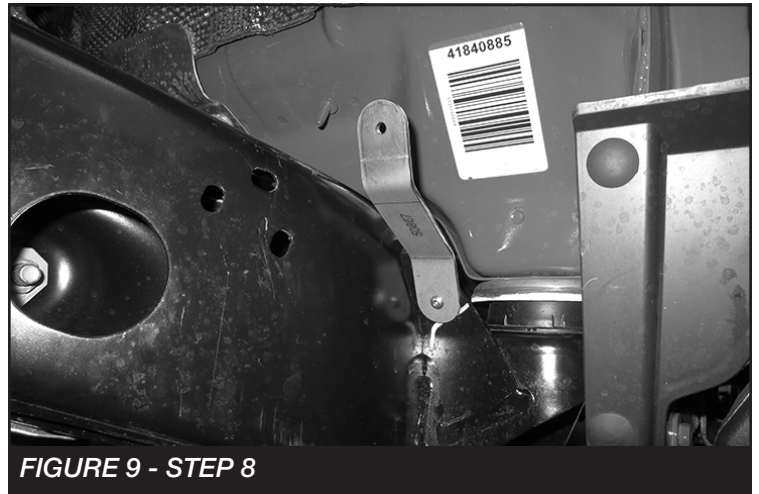


FIGURE 9 - STEP 8

9. Install the new fender liner into the wheel well by slightly bending it over the coil mount first. Install four of the supplied 1/4-20 X 3/4" button head bolts and washers at the upper locations and one 1/4-20 X 1/2" button head bolt and washer at the front location. **SEE FIGURES 10-11** Torque to 8 ft-lbs



FIGURE 10 - STEP 9

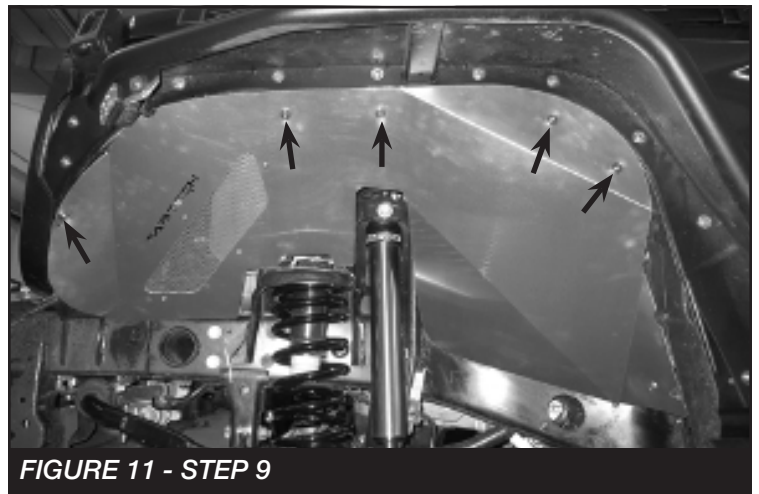


FIGURE 11 - STEP 9

10. Install the supplied 10-32 X 3/4" button head bolt, nut and washer through the fender liner attaching it to the rear bracket. **SEE FIGURE 12** Torque to 189 in-lbs



FIGURE 12 - STEP 10

11. Install FT50932 (Rubber grommet larger hole) into the hole on the longer flat end of the FT50902 (Center bracket). **SEE FIGURE 13** Install the bracket to the back side of the fender liner using the supplied 1/4-20 X 3/4" button head bolt, nut and washers. **SEE FIGURE 14** Torque to 8 ft-lbs



FIGURE 13 - STEP 11



FIGURE 14 - STEP 11

12. Push the liner back, mark and drill a hole using a 9/32" drill bit. Then, secure the bracket to the frame by installing the supplied 5/16" self tapping bolt. **SEE FIGURES 15-16**



FIGURE 15 - STEP 12



FIGURE 16 - STEP 12

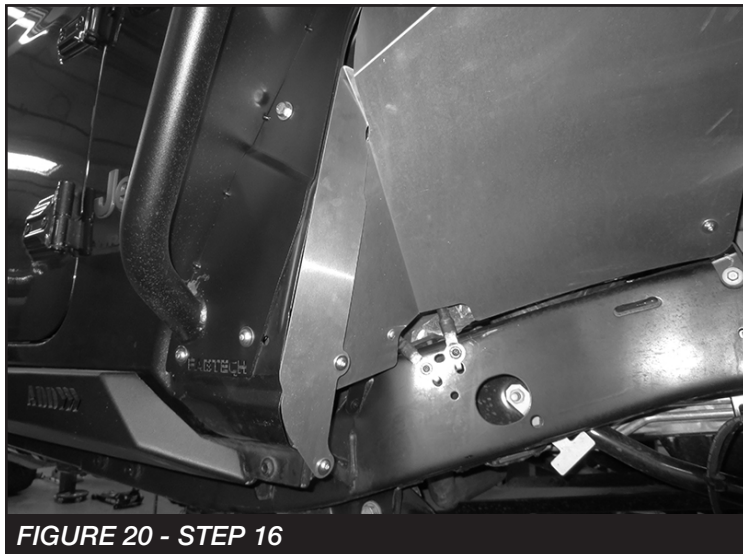
13. Repeat steps on the passenger side. **NOTE: When installing the FT50902 (Center bracket) you will use the factory bolt attaching the wire harness to the frame. SEE FIGURES 17-18**



FIGURE 17 - STEP 13



14. Check all bolts and hand tighten if necessary.
15. If installing on a vehicle where the fenders have not been trimmed to fit 40" tires proceed with the next step.
16. Install the corresponding FT50915 & FT50916 (Filler Plate) by inserting the corner into the inner fender liner and secure using the supplied 1/4-20 X 1/2" button head bolts, nuts and washers. **SEE FIGURES 19-20**



17. 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. **Note - Some oversized tires may require trimming of the front bumper & valance.**
18. Recheck all bolts for proper torque.

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

For technical assistance call: **909-597-7800**

- INSTRUCTIONS -

Installation Instructions for Factory Front Fenders

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!** Remove the front tires.
2. Remove inner fender plastics from the vehicle. Save the plastic push clips and hardware. **SEE FIGURE 1**



FIGURE 1 - STEP 2

3. Remove all of the protective film from the new aluminum liners. Use brake cleaner to remove the writing and adhesive remover to remove any adhesive left over from the film removed. **SEE FIGURE 2**



FIGURE 2 - STEP 3

4. Install the FT50868 (Mesh Insert) using the 8-32 x 1/2" button head bolts and hardware to the back side of the liner. **SEE FIGURES 3-4** Torque to 18 in-lbs



FIGURE 3 - STEP 4

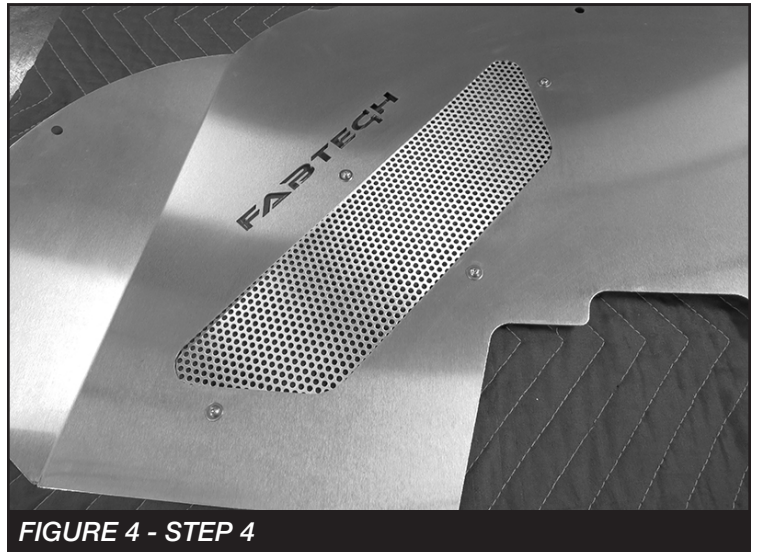


FIGURE 4 - STEP 4

5. Starting with the driver side. Install one of the FT90172 (5/16" Rubber Grommet smaller hole) into the factory hole located on the frame bracket at the rear of the wheel well. **SEE FIGURES 5-6**



FIGURE 5 - STEP 5



FIGURE 6 - STEP 5

6. Locate FT50929 (Driver Inner fender mount). Install the mount to the factory inner brackets using the factory hardware. Torque to 35 ft-lbs. **SEE FIGURE 7**



FIGURE 7 - STEP 6

7. Install FT50884 (Driver front bracket) to the existing hole on the frame mount using the supplied 1/4-20 X 3/4" button head bolt, washer and FT50905 (Nut tab). **SEE FIGURE 8 FOR ORIENTATION.** Torque to 8 ft-lbs

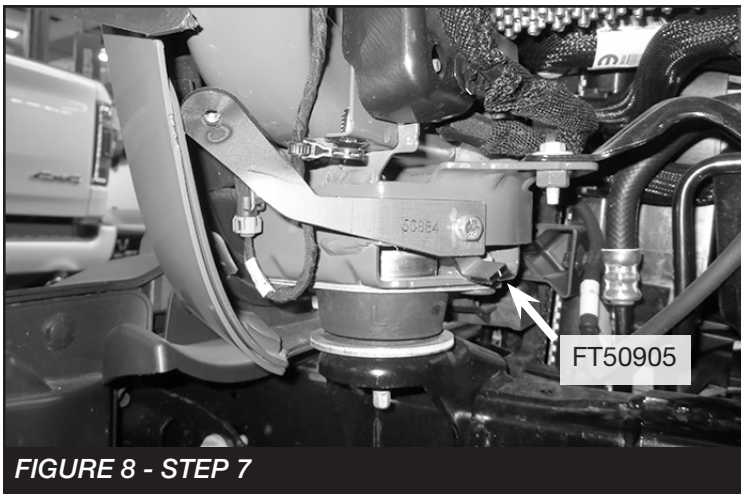


FIGURE 8 - STEP 7

8. Install FT50867 (Rear Nut tab) to the frame hole where the 5/16" rubber grommet was installed. Use the supplied 10-32 X 3/4" button head bolt, washers and nut. **NOTE: The #10 large OD washer will be installed on the backside of the rubber grommet. SEE FIGURE 9 FOR ORIENTATION.**



FIGURE 9 - STEP 8

9. Install the new fender liner into the wheel well by slightly bending it over the coil mount first. Install of the supplied 1/4-20 X 3/4" button head bolts, washers and nuts at the upper location and one 1/4-20 X 1/2" button head bolt and washer at the front location. **SEE FIGURES 10-11** Torque to 8 ft-lbs



FIGURE 10 - STEP 9



FIGURE 11 - STEP 9

10. Install the supplied 10-32 X 3/4" button head bolt, nut and washer through the fender liner attaching it to the rear bracket. **SEE FIGURE 12** Torque to 18 in-lbs



11. Install FT50932 (Rubber grommet larger hole) into the hole on the longer flat end of the FT50902 (Center bracket). **SEE FIGURE 13** Install the bracket to the back side of the fender liner using the supplied 1/4-20 X 3/4" button head bolt, nut and washers. **SEE FIGURE 14** Torque to 8 ft-lbs



12. Push the liner back, mark and drill a hole using a 9/32" drill bit. Then, secure the bracket to the frame by installing the supplied 5/16" self tapping bolt. **SEE FIGURES 15-16**



13. Repeat steps on the passenger side. **NOTE: When installing the FT50902 (Center bracket) you will use the factory bolt attaching the wire harness to the frame. SEE FIGURES 17-18**





FIGURE 18 - STEP 13

14. Check all bolts and hand tighten if necessary.
15. If installing on a vehicle where the fenders have not been trimmed to fit 40" tires proceed with the next step.
16. Remove the factory lower plastic filler from the back side of the wheel well. Bend the factory tab inward 90 degrees **SEE FIGURE 19**. Install the corresponding FT50915 & FT50916 (Filler Plate) by inserting the corner into the inner fender liner and secure using the supplied 1/4-20 X 1/2" button head bolts, nuts and washers. **NOTE: Install the supplied edge trim to the inner liner to help prevent contact. SEE FIGURES 19-21** Torque to 8 ft-lbs

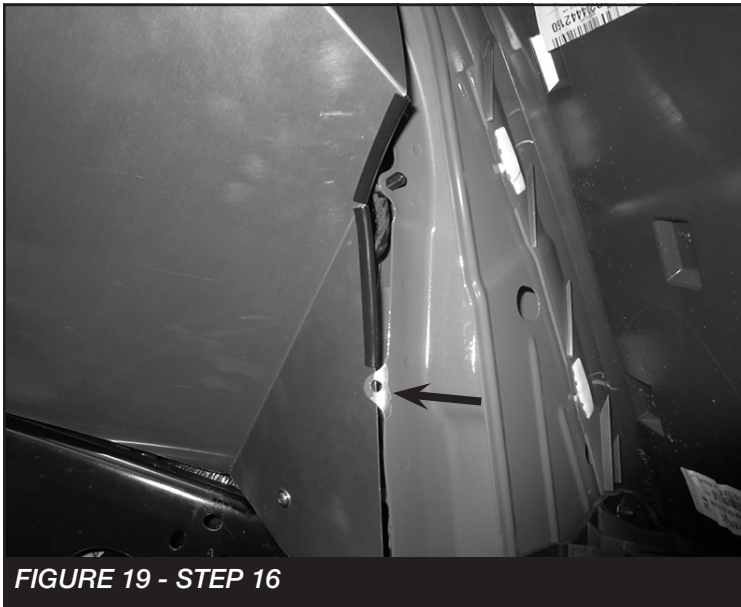


FIGURE 19 - STEP 16

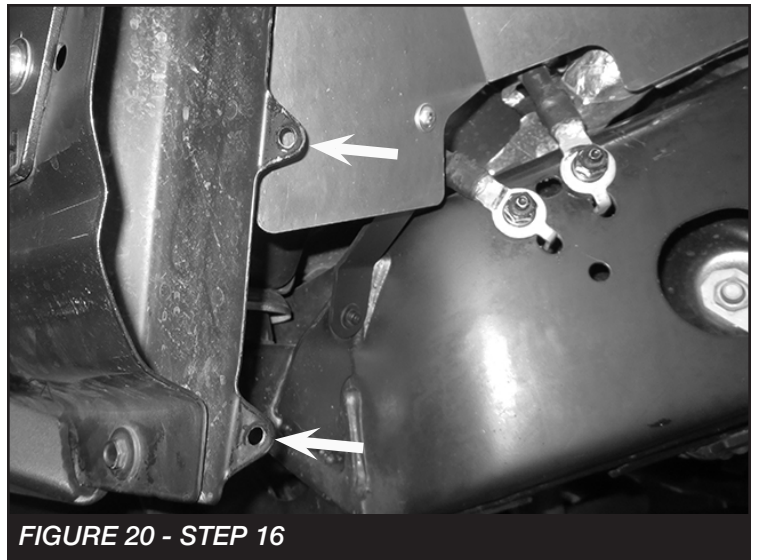


FIGURE 20 - STEP 16



FIGURE 21 - STEP 16

17. **OPTIONAL REINSTALLATION OF FACTORY INNER LINERS.** Partially install the factory inner liner using two of the plastic clips previously removed. Mark the liner where it meets the Fabtech aluminum liner. Remove and cut. Reinstall using the factory push clips and hardware. **NOTE: If the plastic fender trim rivets are damaged. They are part number Mopar #6506007AA and can be purchased at any Jeep dealership. SEE FIGURES 22-26.**



FIGURE 22 - STEP 17



FIGURE 23 - STEP 17



FIGURE 24 - STEP 17



FIGURE 25 - STEP 17



FIGURE 26 - STEP 17

18. 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. **Note - Some oversized tires may require trimming of the front bumper & valance.**
19. Recheck all bolts for proper torque.

**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 and driveshafts. 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.

Dirt Logic and Performance Coilover 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, powder coating, 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 on the website, 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 website 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 is not responsible for premature wear of factory components due to the installation of oversized tires and wheels.

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 on our website. 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.

Depending on the condition of the factory suspension components retained after the installation of a Fabtech suspension not all vehicles may have the same ride stance front to rear as described in the website. The blue color of suspension components shown in all Fabtech photographs are for display purposes only. Majority of all Fabtech components will be black specifically where noted with part numbers ending in BK.

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. Some state laws may prohibit modification of suspension to a vehicle in whole or in part. It is the responsibility of the installer and consumer to consult local laws prior to the installation of any Fabtech suspension product to comply with such written laws.

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 super cede, 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 website or price sheet. For the most recent Product Warranty and Warnings visit our website www.fabtechmotorsports.com