

2020+ GM 2500/3500 HD Fender Liner Tie Back Kit

INSTALL INSTRUCTIONS:

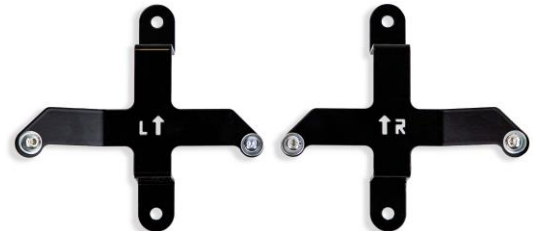
2020+ GM 2500/3500 HD Fender Liner Tie Back Kit
SKU: 110-91193

PARTS LIST FOR SKU: 110-91193

QUANTITY	PART #	DESCRIPTION
1	2997	Fender Liner Tie Back Bracket, Driver
1	2988	Fender Liner Tie Back Bracket, Passenger
4	HARDWARE-RIVET-NUT-1/4-20X.165	1/4-20 Rivet Nut 0.27-0.165" Thick
4	HARDWARE-1/4-FW-OVERSIDED	1/4" Flat Washer
4	HARDWARE-33618	1/4" Split Lock Washer
4	HARDWARE-1/4-20X7/8-	Button Head Hex Drive Screw, 1/4-20x7/8"

INTRODUCTION

Larger tires and offset wheels will require inner fender liner trimming and/or a 'tie back'. This inner fender liner tie back kit will provide more room behind the front tire for turning with 35"x12.5" tires and wheels up to 9" wide with 0mm offset.



WARNING

Please read this entire instruction sheet before beginning installation. Proper installation of these components requires a qualified mechanic. Always wear safety glasses when using power tools, and take appropriate precautions when working under a vehicle. If these instructions are not properly followed you may jeopardize your, and your passenger's safety, and severe frame, suspension or tire damage may also result from improper installation.

REQUIREMENTS

- Installation requires a qualified mechanic.
- Follow the OE specifications when replacing or re-installing OE fasteners, retainers, and hardware specified in the OEM manual.
- Always wear safety glasses when using power tools.
- When a lift is required to perform the installation of these products and always ensure the vehicle is properly supported before attempting installation or serious injury may occur.

TECH NOTES

- Read instructions carefully and study the pictures (if included) before attempting installation.
- If this product was purchased as part of a kit each kit, and options to kits, are packaged separately. Therefore installation procedures are covered in separate instructions. Familiarize yourself with each specific set of instructions before beginning.
- Check the parts and hardware packages against the parts list to assure that your kit is complete before starting.
- Tools required: T15 torx, 13mm socket, vise grips, 5/32" hex, die grinder, utility knife or scissors, mallet

INSTALLATION

1. Rack the vehicle and lift it off the ground, or if no hoist is available then jack front of truck off the ground and support properly with jack stands. Remove the front tires and set them as side. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE.**
2. **Note:** *Passenger side of vehicle shown.* Use a T15 Torx to remove the 5 screws attaching the mud guard to the vehicle: 3 in the wheel well and 2 underneath the vehicle. See Figure 1 and Figure 2.

Figure 1: Remove 3 screws inside wheel well.

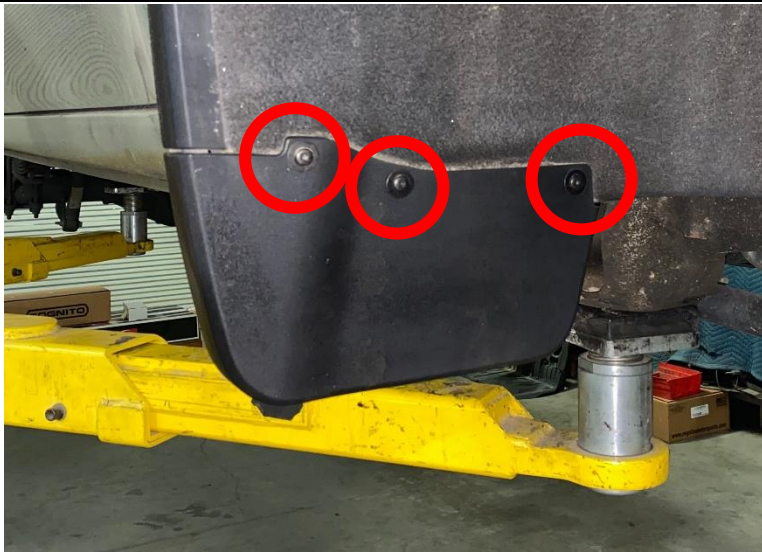
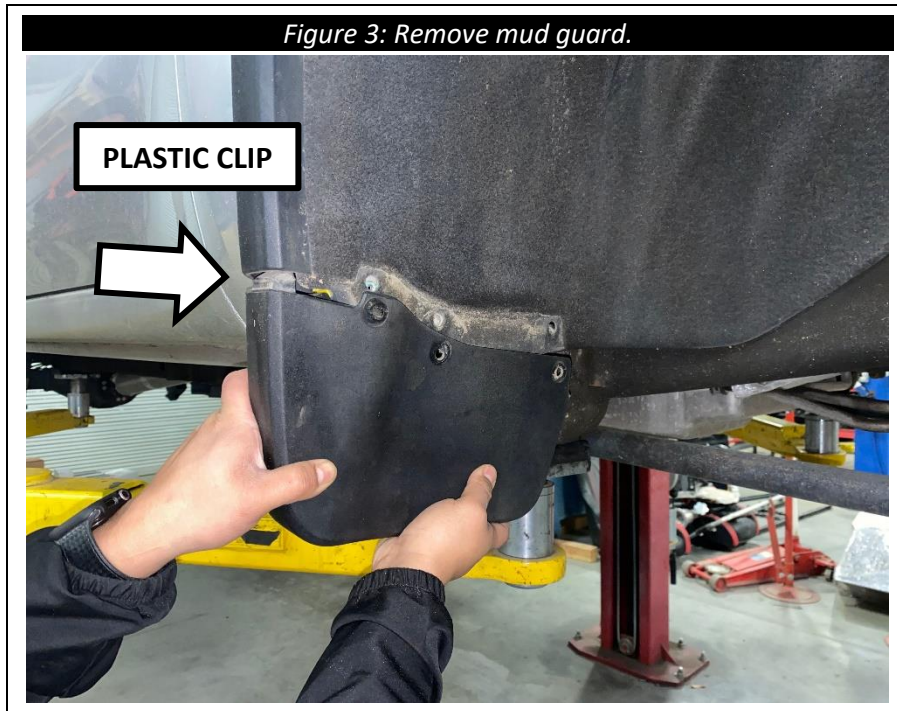


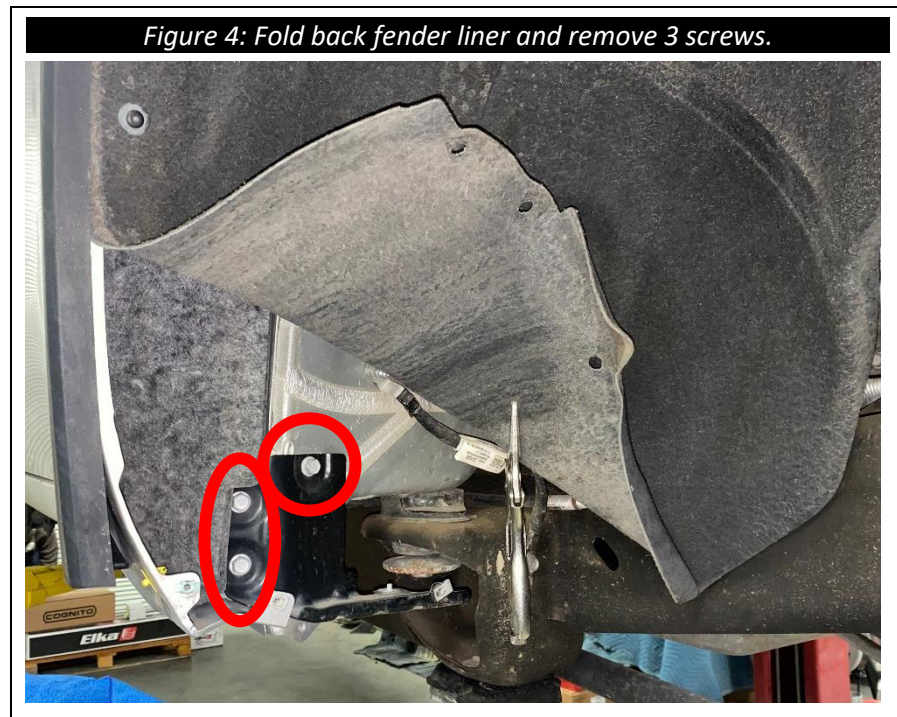
Figure 2: Remove 2 screws under vehicle.



3. Remove mud guard. There is a plastic clip that must be undone on the mud guard where it slides underneath the fender flare. See Figure 3.



4. Fold back the fender liner and use a pair of vise grips to hold it in place. Use a 13mm socket to remove the 3 screws attaching the mud guard bracket to the body of the vehicle. 2 of these screws will be reused. See Figure 4.



5. Trim or fold back corner of fender along dashed line shown in Figure 5. Folding of this corner can be done by hand. Figure 6 shows fender after folding.

Figure 5: Line to fold or trim fender corner.

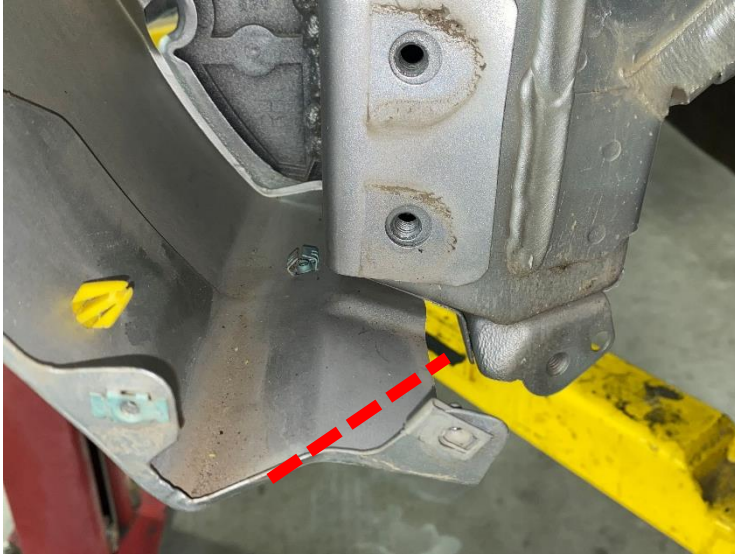
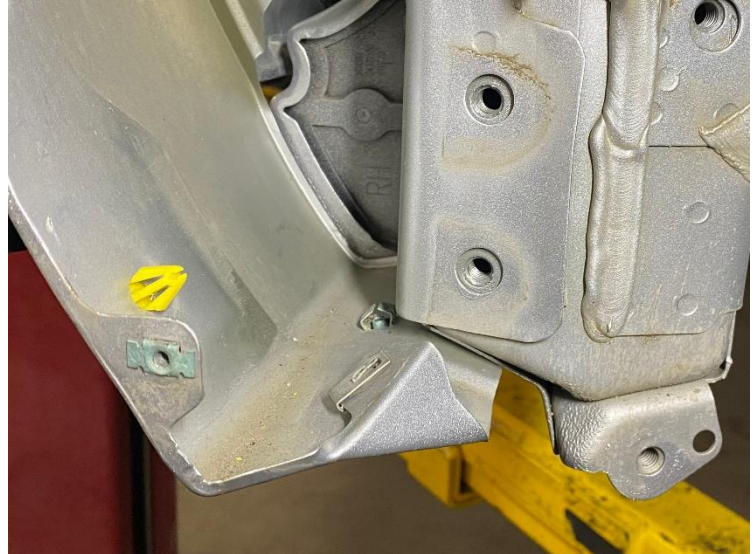


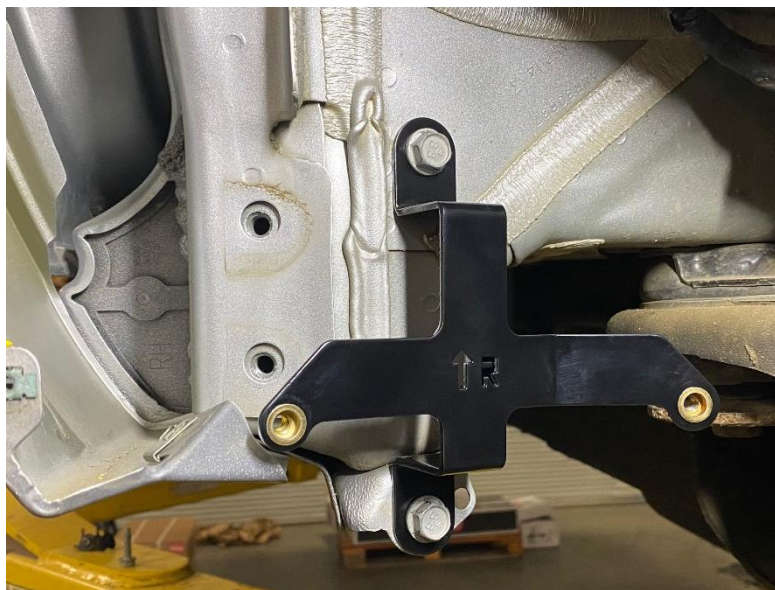
Figure 6: Fender corner after folding.



6. Locate the following:
 - **2988** - Fender Liner Tie Back Bracket, Passenger (Labeled with “↑R”)
 - Qty. 2 of the **screws removed in Step 4**.

Attach the bracket to the body of the vehicle using 2 of the screws removed in Step 4, as shown in Figure 7. The arrow should point upwards and the side designation letter should be readable from the front of the vehicle. Ensure there is clearance between the bracket and the corner of the fender that was folded back in Step 5.

Figure 7: Reuse 2 OEM bolts to attach bracket to body.

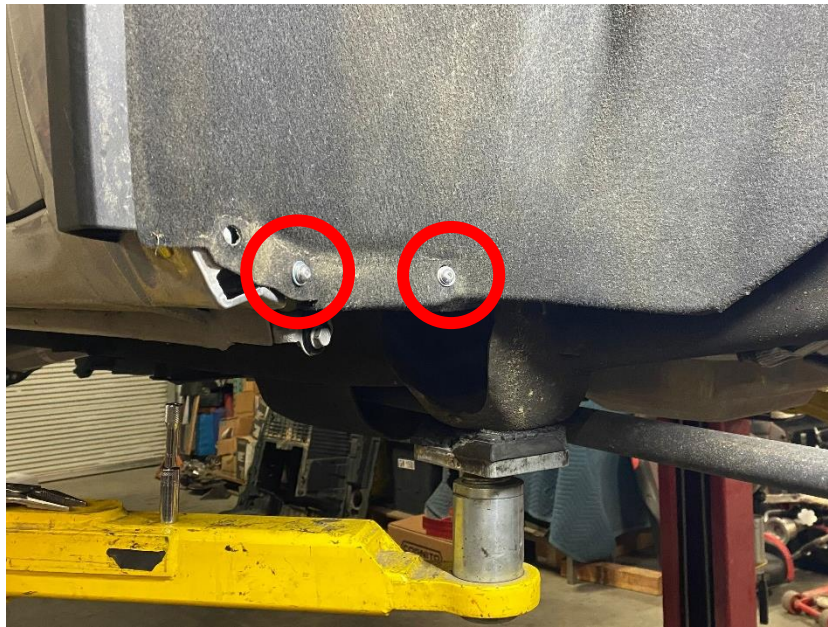


7. Locate the following:

- Qty. 2 **HARDWARE-1/4-20X7/8-BH** - Button Head Hex Drive Screw, 1/4-20x7/8"
- Qty. 2 **HARDWARE-33618** - 1/4" Split Lock Washer
- Qty. 2 **HARDWARE-1/4-FW-OVERSIDED** - 1/4" Flat Washer

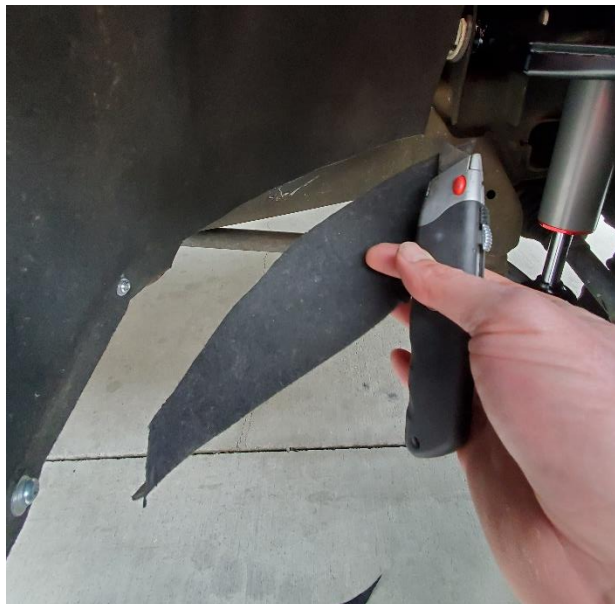
Use a 5/32" hex and the 1/4"-20 hardware to attach the fender liner to the tie-back bracket, see Figure 8.

Figure 8: Attach fender liner to bracket.



8. Use a utility knife or scissor to trim the inside rear lower corner of the fender liner. See Figure 9.

Figure 9: Trim fender liner.



9. The OEM mud guard must be trimmed to be reattached. Use a die grinder to trim the mud guard as shown in Figure 10. Leave the indicated holes intact and use to reattach mud guard.

*Figure 10: Before and after trimming the mud guard. **Do not trim circled holes.***



10. Use qty. 2 OEM screws from Step 1 to reattach mud guard to vehicle.
11. Repeat steps for opposite side. Driver side bracket is labeled with “L↑”.
12. Some wheel and tire combinations may require additional clearance at the front of the wheel well. Use a rubber mallet to gently tap front fender liner mounting screws to achieve desired clearance. See Figure 11.

*Figure 11: Before and after trimming the mud guard. **Do not trim circled holes.***



13. Check wheel and tire clearance through entire range of suspension and steering travel.



WARRANTY / RETURN POLICY / SAFETY

Cognito Limited Lifetime Warranty

Cognito Motorsports, Inc. hereinafter “Cognito,” warrants to the original retail purchaser, that its suspension products are free from workmanship and material defects for as long as the purchaser owns the vehicle on which the product(s) were originally installed. This warranty will be void if any modifications are made to the components, including alterations to the surface finish, i.e.; painting, powder coating, plating, and/or welding, or if they are improperly installed. Cognito truck suspension products are not designed nor intended to be installed on “competition” vehicles used in race applications, stunt or for exhibition purposes that are outside of the intended operating conditions specified by the manufacturer. Racing and competition are defined as any contests between two or more vehicles; or vehicles competing individually on off road circuits in timed events (whether or not such contests are for an award or prize).

This warranty does not include coverage for police, taxi, government or commercial vehicles, and the warranty does not cover Cognito products sold outside of the USA. Cognito’s obligations under this warranty are specified and applied at its sole discretion, and warranty coverage is limited to repair or replacement of the defective product(s). Any and all costs of removal, installation or reinstallation; freight charges, incidental or consequential damages associated with the covered products are expressly excluded from this warranty.

The following items are exempt from Cognito limited warranty coverage: bushings, bump stops, tie-rod ends (Heim joints) and limiting straps. These parts are “consumables” and designed to wear as a normal part of their duty cycle, therefore they are not considered defective when worn. The aforementioned products are warranted separately against defects in workmanship, for 60 days from the date of purchase. As a condition of warranty validation, respective Cognito suspension components must be installed as a complete system (not combined with non-Cognito hardware or ancillary parts). Any substitutions or omission of required components will void the warranty. Some minor cosmetic wear and imperfections may occur to parts during shipping, which is not covered under this warranty. This limited warranty does not apply to any components that have been subjected to collision damage, negligence, alteration, abuse, or misuse, and coverage does not extend to products manufactured by third-party companies. Cognito reserves the right to supersede, discontinue, or change the design, finish, part number and/or application of its parts when deemed necessary, without notice.

Return Policy

Product returns will not be accepted without prior written approval from an authorized Cognito representative. All products being returned must be shipped via trackable, prepaid freight. Returned products are subject to a 25% percent restocking fee. The eligible return period for products purchased directly from Cognito is 30 days from the verified date when the product(s) were originally received by the purchaser.

Product Safety Advisory

The installation of Cognito steering and suspension components will modify your vehicle’s original factory equipment and geometry, which may cause it to handle differently than a stock (unaltered) vehicle. Installation of these components is not intended to strengthen nor reinforce the vehicle’s frame, nor are they designed to increase rollover protection. It is necessary to periodically inspect all suspension and drive train components for proper attachment, torque specifications, operation, and for any potential unusual wear or damage. Installation of these parts will modify the height of the vehicle and may raise the center of gravity. Modifying vehicle height combined with off road operation may increase your vehicle’s susceptibility to rollover conditions, which may cause serious injury or death. Many states regulate allowable vehicle height modifications, and it is your responsibility to know and comply with the legal requirements specified by the laws where you reside. Modifications to your vehicle’s ride height may also affect the ride quality, driver input response, trackability and handling, and wear to your vehicle’s suspension components and tires.



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