



FENDER FLARES

Assembly, Installation, Operation,
and Maintenance Instructions

PART NUMBER	TFD3005S
INSTALL TIME	2-3 HOURS

VEHICLE FITMENT

VEHICLES	2019-2024 RAM 1500
DEALER / INSTALLER	Provide a copy of these instructions to the end user of this product. These instructions provide important operating and safety information for proper usage of this product. Demonstrate the proper use of the product with the end user. Have the end user demonstrate that they understand the proper use of the product.
END USER	Read and follow all instructions included in this manual. Ask your Dealer/Installer for assistance if you do not understand the proper use of the product. Never remove any informational or warning labels from the product. Failure to follow these instructions can result in injury or death.

TOOLS REQUIRED (NOT INCLUDED)

UTILITY KNIFE	#2 PHILLIPS DRIVE BIT
1/2" WRENCH	SOCKET WRENCH
GREASE PENCIL OR MARKER	10mm SOCKET
ELECTRIC DRILL	7/32" SOCKET
1/4" DRILL BIT	FLATHEAD SCREWDRIVER OR PRY TOOL
AWL OR SIMILAR POINTED TOOL	

PACKAGE CONTENTS

ITEM	PART DESCRIPTION	QTY
1	LEFT & RIGHT FRONT FLARES	1
2	LEFT & RIGHT REAR FLARES	1
3	EDGE TRIM TOOL	1
4	RUBBER EDGE TRIM	1
5	T-45 TORX BIT	1
6A	5/16"-18 STAINLESS STEEL SCREWS	32
6B	5/16"-18 BLACK STEEL SCREWS	32
7	5/16" STAINLESS STEEL WASHERS	32
8	5/16"-18 STAINLESS STEEL LOCKNUTS	32
9	1" X 1.5" BLACK TABS	6
10	U-CLIPS	6
11	#8 X 3/4" PHILLIPS HEAD SCREWS	6



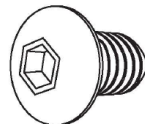
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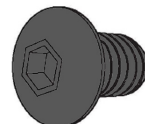
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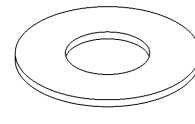
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#6A



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#7



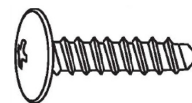
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#10



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WARNINGS/SAFETY PRECAUTIONS



Use safety glasses and gloves as necessary when operating power tools.

Dirt and debris may become lodged between the fender flares and the vehicle's fenders, causing scratching and paint wear from vibrations. Keystone Automotive Operations, Inc. is not responsible for any vehicle damage, and customer accepts all associated risks.

Do not over-tighten any screws. Over-tightening may result in stress fractures in the fender flares.

PRIOR TO INSTALLATION:

Thoroughly clean installation area on the vehicle.

Verify contents of box.

Read instructions thoroughly.

Use caution to avoid scratching the fender flare and vehicle.

Verify proper fitment of fender flares to the vehicle. If the vehicle has oversized tires, ensure that the fender flares will not interfere with the tires. It may be necessary to lower bump stops or install steering stops.

Do not use alternative installation methods or materials, such as superglue or Loctite.

If applicable, remove existing fender flares and mud flaps.

Verify that installed fender flares will maintain at least 4 inches of clearance from exhaust pipes. Exhaust gases that discharge onto fender flare surfaces will cause heat distortion and may require modifications to remedy.

PAINTING (OPTIONAL):

NOTE: Painting is optional and should only be attempted on fender flares with smooth outer surfaces. Fender flares with textured outer surfaces should not be painted. Painted fender flares cannot be returned.

1. Clean fender surface with a high-quality degreaser.

NOTE: Do not use any solvent-based product such as lacquer thinner.

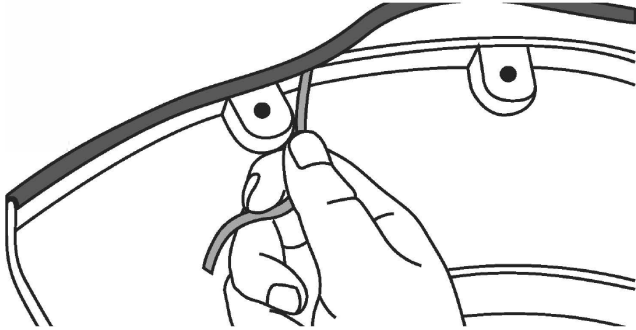
2. Wipe surface thoroughly with a tack rag.

3. Paint fender flares with a high-quality paint lacquer, enamel, or polyurethane automotive paint.

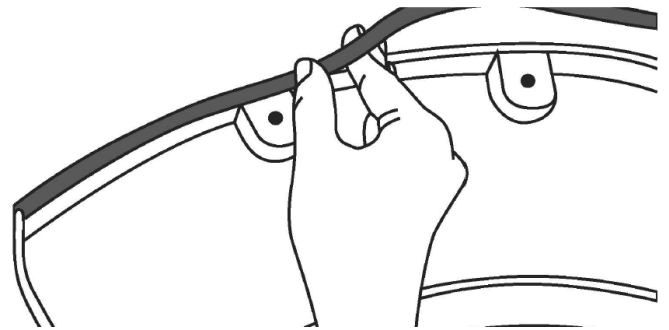
4. If painting edge trim (not recommended), use a flex additive.

EDGE TRIM INSTALLATION

1. Peel 2-3 inches of red tape liner away from the edge trim tape (#4). Apply the adhesive surface of the edge trim to the inner surface of the flare. Install edge trim to the outside perimeter of the fender flare (the portion that physically contacts the vehicle). **(IMAGE 1)**
2. Press the edge trim into place along the top edge of the fender flare while simultaneously pulling away the red tape liner. Continue to work along the entire outside perimeter of the fender flare. **(IMAGE 2)**



(IMAGE 1)



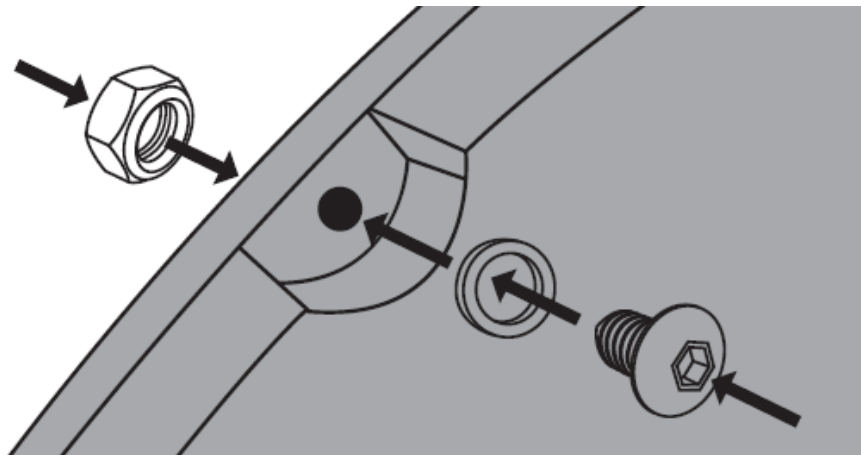
(IMAGE 2)

3. At the outside corner in the flare, cut a V-shaped notch in the edge trim to prevent bulging after the edge trim is installed.
4. At the inside corner in the flare, cut a similar notch to prevent stretching after the edge trim is installed.
5. Cut the rubber edge trim to length when the installation is complete.
6. Repeat steps 1-5 for each fender flare.

COSMETIC SCREW INSTALLATION

Install a 5/16"-18 screw (#6A or #6B) and washer (#7) into each pocket hole along the outer edge of the fender flare. Secure with a locknut (#8) using a wrench and Torx bit (#5). Repeat for each fender flare. **(IMAGE 3)**

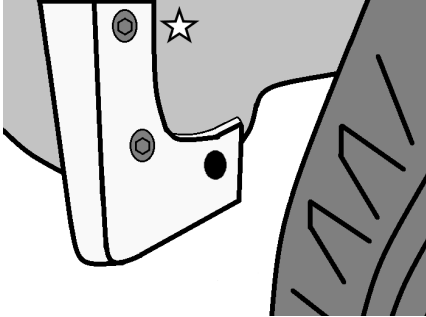
NOTE: Cosmetic 5/16"-18 screws are provided in both stainless and black steel finishes. You may use whichever finish you prefer.



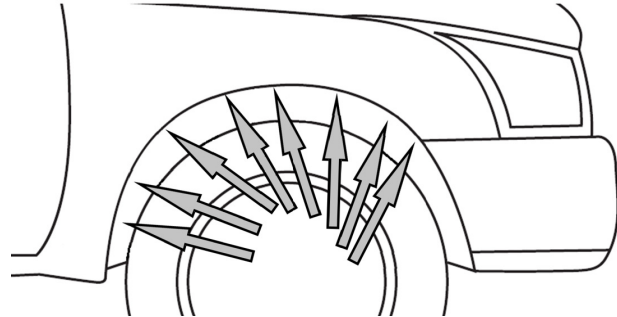
(IMAGE 3)

FRONT FLARE INSTALLATION

1. Locate the original factory mudflap installed at the rear of the front wheel well. Remove and save two (2) original factory installed screws with an 8mm socket.
 2. Remove and discard one (1) original factory installed push-in fastener with a flathead screwdriver or pry tool. Then remove the mud flap from the vehicle. **(IMAGE 4)**.
 3. With the mud flap removed, re-install one (1) original factory screw into the vehicle body panel hole as indicated by the star symbol in **(IMAGE 4)**.
- NOTE:** Only the screw should be reinstalled, not the mud flap.
4. Remove and save eight (8) original factory installed screws. **(IMAGE 5)**

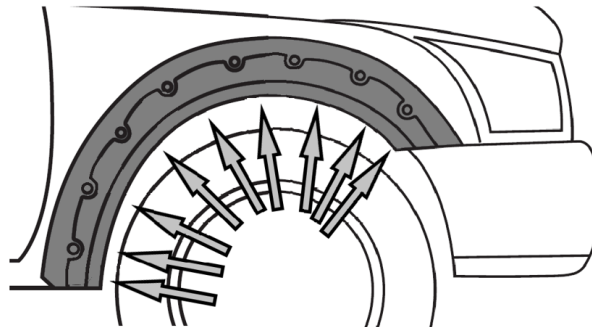


(IMAGE 4)



(IMAGE 5)

5. Hold the front flare (#1) in position against the vehicle with moderate pressure. Loosely reinstall the nine (9) original factory screws through the fender flare and original factory holes. **(IMAGE 6)**
6. Firmly press the flare into position and tighten all screws.



(IMAGE 6)

7. Repeat steps 1-6 for the remaining front fender flare.

REAR FLARE INSTALLATION

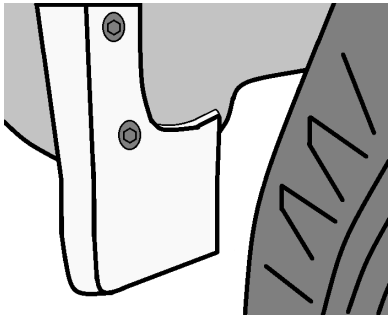
1. Locate the original factory mudflap installed at the rear of the rear wheel well. Remove and save two (2) original factory installed screws with an 8mm socket. Then remove the mud flap from the vehicle. **(IMAGE 7)**.

2. Locate the original factory mud guard installed at the front of the rear wheel well. Remove and save one (1) original factory installed screw. Then remove the mud guard from the vehicle.

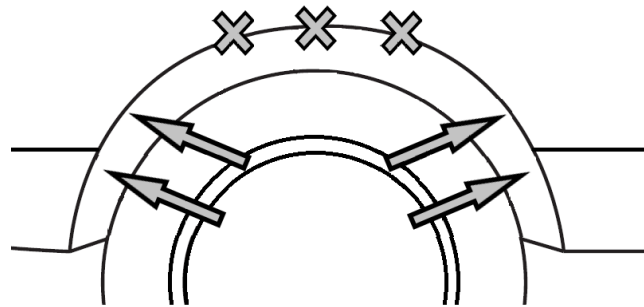
NOTE: Inspect the rear wheel well to determine if it is equipped with a fender liner. Trucks with installed fender liners include three (3) screws installed to the locations indicated with an "X" in **(IMAGE 8)**.

NOTE: If the fender liner and three factory installed screws are present, skip ahead to step 4A. Otherwise, continue to steps 3A thru 3E.

3A. Remove and save four (4) factory installed screws with an 8mm socket wrench. **(IMAGE 8)**



(IMAGE 7)

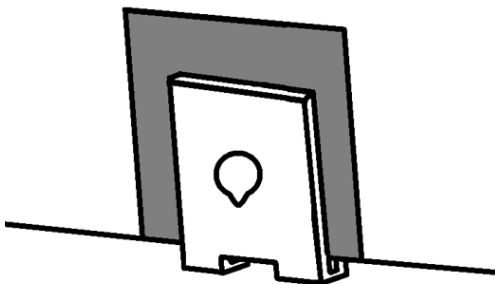


(IMAGE 8)

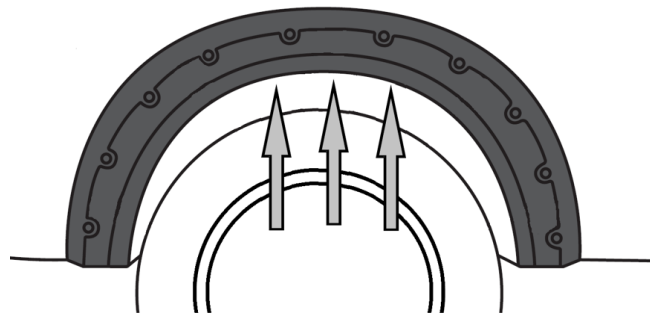
3B. Install three (3) black tabs (#9) over the original factory holes (indicated by an "X" in **IMAGE 8**). Then install a U-clip (#10) over each hole and the black tab. **(IMAGE 9)**

3C. Use an awl or similar pointed tool to pierce a hole through each black tab.

3D. Hold the rear flare (#2) in position against the vehicle with moderate pressure. Loosely install three (3) #8 x 3/4" Phillips head screw (#11) through the flare, U-clips, black tabs and original factory holes. Do not tighten. **(IMAGE 10)**



(IMAGE 9)



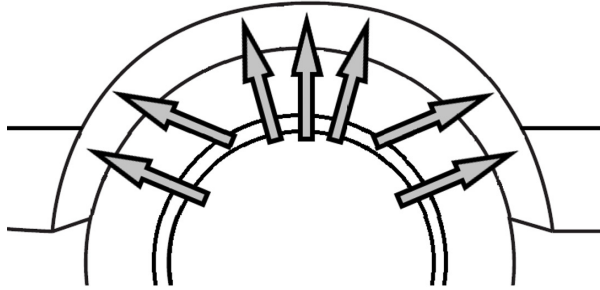
(IMAGE 10)

3E. Skip ahead to step 5.

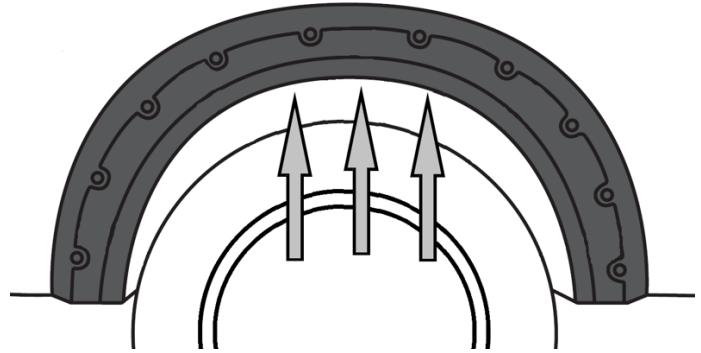
REAR FLARE INSTALLATION (CONTINUED)

4A. Remove and save seven (7) original factory screws with an 8mm socket wrench. **(IMAGE 11)**

4B. Hold the rear flare (#2) in position against the vehicle with moderate pressure. Loosely reinstall three (3) original factory screws through the flare and original factory holes. Do not tighten. **(IMAGE 12)**



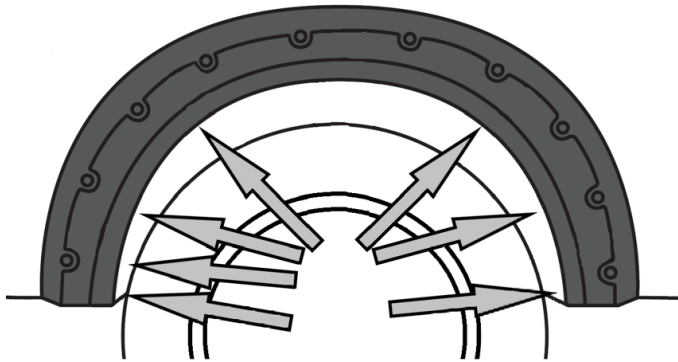
(IMAGE 11)



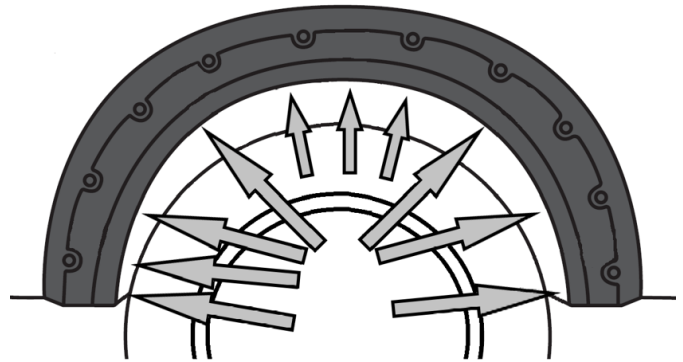
(IMAGE 12)

5. While continuing to hold the flare in position, loosely reinstall seven (7) original factory screws through the indicated holes in the flare and the original vehicle holes. **(IMAGE 13)**

6. Firmly press the flare into position and tighten all ten (10) screws. **(IMAGE 14)**



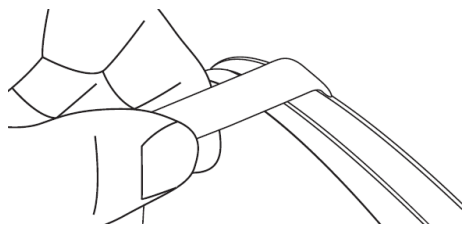
(IMAGE 13)



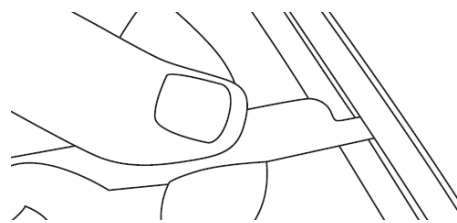
(IMAGE 14)

7. Repeat steps 1-6 for the remaining rear fender flare.

NOTE: The edge trim tool (#3) may be used after fender flare installation is complete to improve fitment as illustrated. **(IMAGES 15, 16)**



(IMAGE 15)



(IMAGE 16)

CONTACT US

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WARRANTY INFORMATION

Limited Lifetime Warranty:

Keystone Automotive Operations (KAO) warrants this product to be free of defects in material and workmanship at the time of purchase by the original retail consumer. KAO disclaims any other warranties, express or implied, including the warranty of fitness for a particular purpose or an intended use. If the product is found to be defective, KAO may replace or repair the product at our option, when the product is returned prepaid, with proof of purchase. Alteration to, improper installation, or misuse of this product voids the warranty. KAO's liability is limited to repair or replacement of products found to be defective, and specifically excludes liability for any incidental or consequential loss or damage.