



FENDER FLARES

Assembly, Installation, Operation,
and Maintenance Instructions

PART
NUMBER

TFD3002S
TFD3002T

INSTALL
TIME

2-3 HOURS

VEHICLE FITMENT

VEHICLES	2009-2010 DODGE RAM 1500
	2011-2018 RAM 1500
	2019-2023 RAM 1500 CLASSIC

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
8mm SOCKET	SOCKET WRENCH
GREASE PENCIL OR MARKER	1/2" WRENCH
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	34
6B	5/16"-18 BLACK STEEL SCREWS	34
7	5/16" STAINLESS STEEL WASHERS	34
8	5/16"-18 STAINLESS STEEL LOCKNUTS	34
9	1" X 1.5" BLACK TABS	6
10	U-CLIPS	6
11	#8 X 3/4" PHILLIPS HEAD SCREWS	24



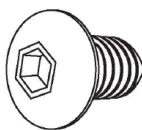
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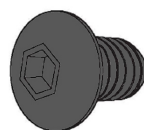
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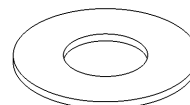
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#6A



#6B



#7



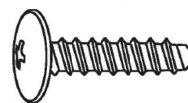
#8



#9



#10



#11

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.

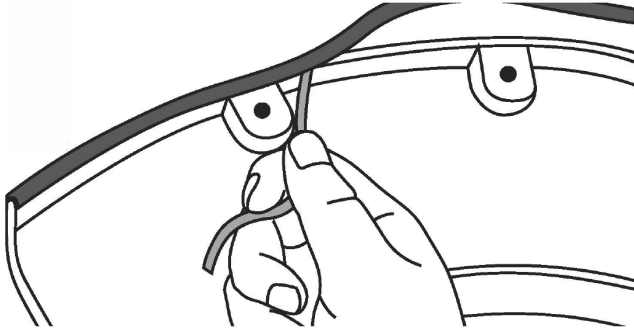
2. Wipe surface thoroughly with a tack rag.

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

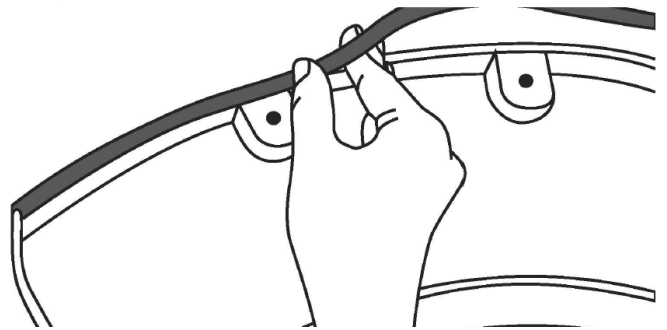
4. If painting edge trim (not recommended), use a flex additive.

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)



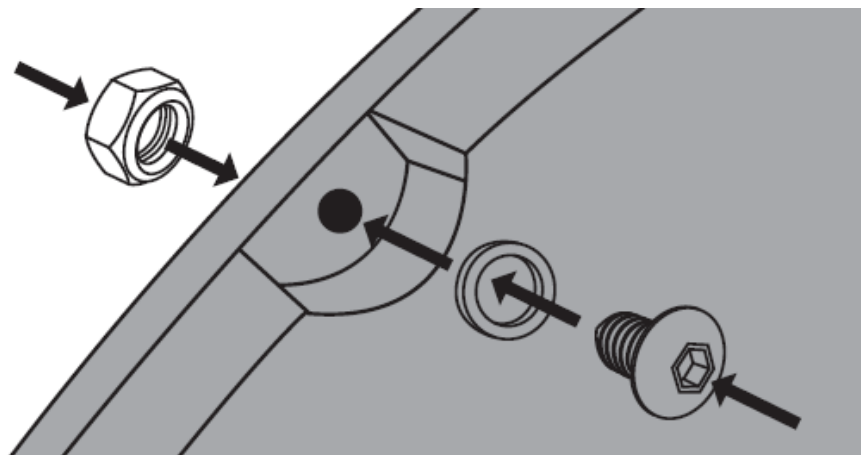
(IMAGE 2)

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

NOTE: These fender flares are compatible with any original factory front bumper, including both the metal and plastic bumper variants.

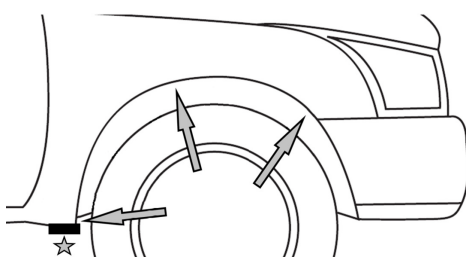
1. Remove three (3) original factory screws using an 8mm socket. These screws are located in the front wheel well approximately where indicated in **(IMAGE 4)** and may be discarded.

NOTE: Step 2 is optional and applies to 2011-2012 model year vehicles only.

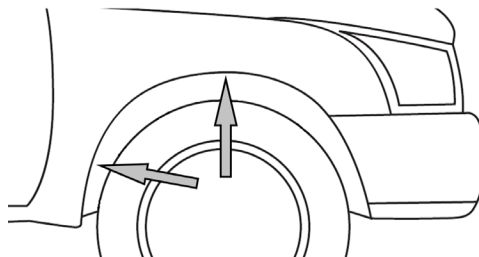
2. If a fitment problem is encountered with the front flare, remove the mud guard piece at the rear of the front wheel well (indicated by a star symbol in **(IMAGE 4)**).

3. Locate original factory holes where indicated in **(IMAGE 5)**. Install two black tabs (#9) over original factory holes.

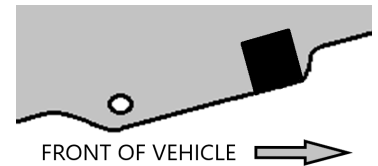
NOTE: Each arrow in **(IMAGE 5)** points to two original factory holes. The correct hole for installation of each black tab is the hole closest to the front of the vehicle. **(IMAGE 6)**



(IMAGE 4)

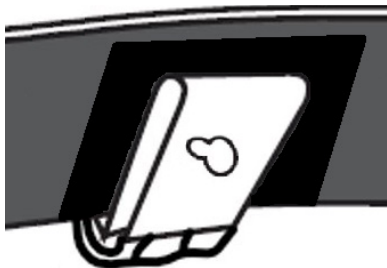


(IMAGE 5)

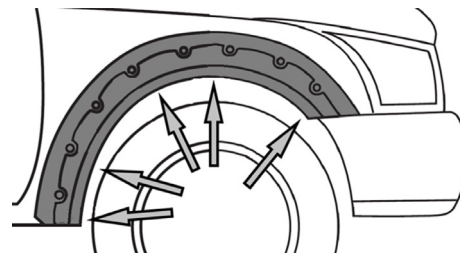


(IMAGE 6)

4. Install a U-clip (#10) over each of the two black tabs. **(IMAGE 7)**
5. Hold the front flare (#1) in position against the vehicle with moderate pressure. Loosely install five (5) #8 x 3/4" Phillips head screws (#11) through the flare, original factory holes and U-clips where applicable. Do not tighten. **(IMAGE 8)**



(IMAGE 7)



(IMAGE 8)

6. Firmly press the flare into position and tighten all screws.
7. Repeat steps 1-6 for the remaining front fender flare.

REAR FLARE INSTALLATION

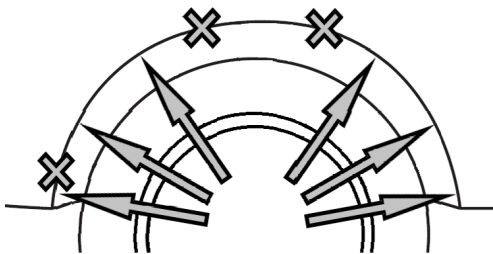
NOTE: For 2012 model year vehicles only, if a fitment problem is encountered with the rear flare, remove the inner plastic mud guard pieces located at the bottom front and rear surfaces of the rear wheel well.

1. Remove six (6) original factory screws using an 8mm socket. These screws are located in the rear wheel well approximately where indicated in **(IMAGE 9)**.

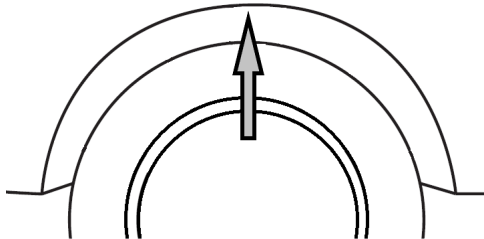
NOTE: The three locations marked in **(IMAGE 9)** with an "X" indicate original factory screws that should not be removed.

2. Locate the original factory hole on the lip of the vehicle fender near the top of the rear wheel well. **(IMAGE 10)**

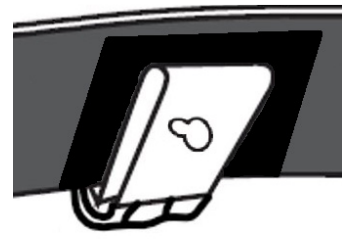
3. Install a black tab (#9) over the original factory hole. Then install a U-clip (#10) over both the slot and the black tab. **(IMAGE 11)**



(IMAGE 9)



(IMAGE 10)

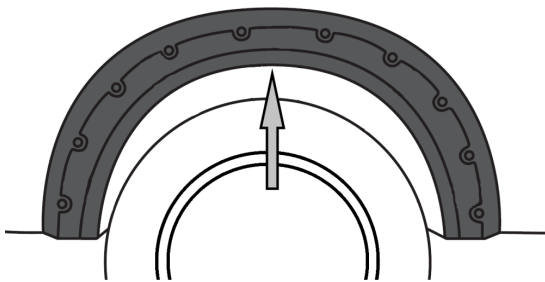


(IMAGE 11)

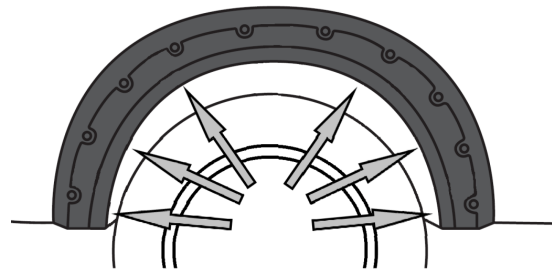
4. Use an awl or similar pointed tool to pierce a hole through the black tab.

5. Hold the rear flare (#2) in position against the vehicle with moderate pressure. Loosely install one (1) #8 x 3/4" Phillips head screw (#11) through the flare, U-clip, black tab and original factory hole. Do not tighten. **(IMAGE 12)**

6. While continuing to hold the flare in position, loosely install six (6) additional #8 x 3/4" Phillips head screws (#11) through the indicated holes in the flare and the original vehicle holes. **(IMAGE 13)**



(IMAGE 12)

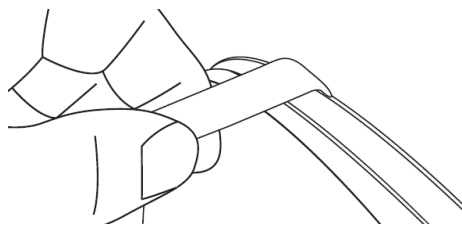


(IMAGE 13)

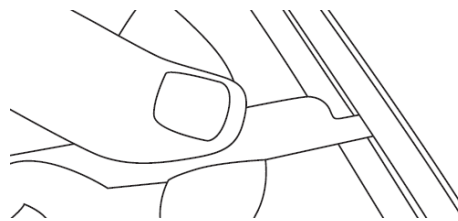
7. Firmly press the flare into position and evenly tighten all seven (7) screws.

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

NOTE: The edge trim tool (#3) may be used after fender flare installation is complete to improve fitment as illustrated. **(IMAGES 14, 15)**



(IMAGE 14)



(IMAGE 15)

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.