



# FENDER FLARES

Assembly, Installation, Operation,  
and Maintenance Instructions

<b>PART NUMBER</b>	<b>TFT3004S</b>
<b>INSTALL TIME</b>	<b>2-3 HOURS</b>

## VEHICLE FITMENT

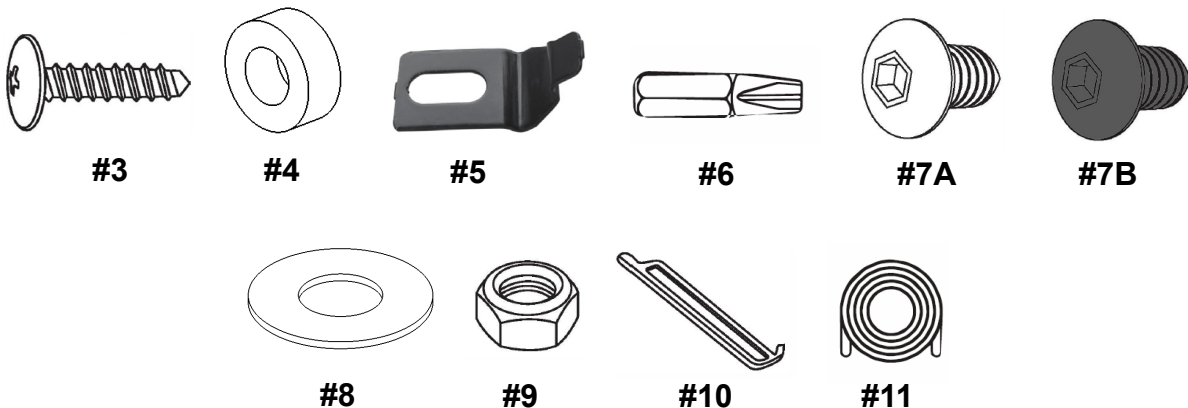
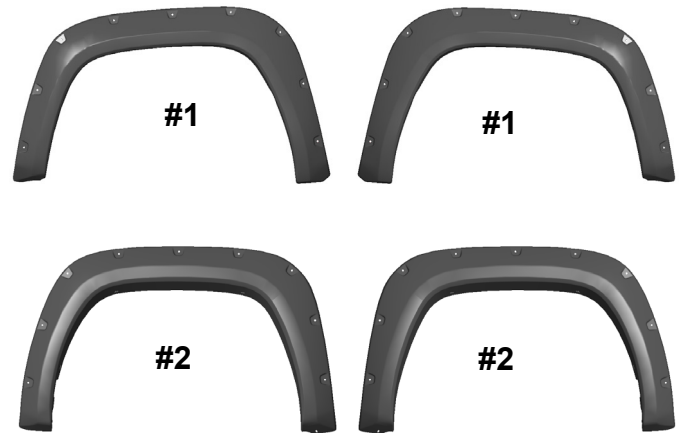
<b>VEHICLES</b>	<b>2022-2024 TOYOTA TUNDRA</b>
<b>DEALER / INSTALLER</b>	Provide a copy of these instructions to the end user of this product. These instructions provide important operating and safety information. Demonstrate the proper use of the product with the end user. Have the end user demonstrate that they understand the proper use of the product.
<b>END USER</b>	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)

ELECTRIC DRILL	#2 PHILLIPS DRIVE BIT
10mm SOCKET	SOCKET WRENCH
T-15 TORX BIT	3/32" DRILL BIT
GREASE PENCIL OR MARKER	MEASURING TAPE OR RULER
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	LONG SCREWS	2
4	5mm SPACERS	2
5	ATTACHMENT CLIPS	6
6	T-45 TORX BIT	1
7A	5/16"-18 STAINLESS STEEL SCREWS	36
7B	5/16"-18 BLACK STEEL SCREWS	36
8	5/16" STAINLESS STEEL WASHERS	36
9	5/16"-18 STAINLESS STEEL LOCKNUTS	36
10	EDGE TRIM TOOL	1
11	RUBBER EDGE TRIM	1



## 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.

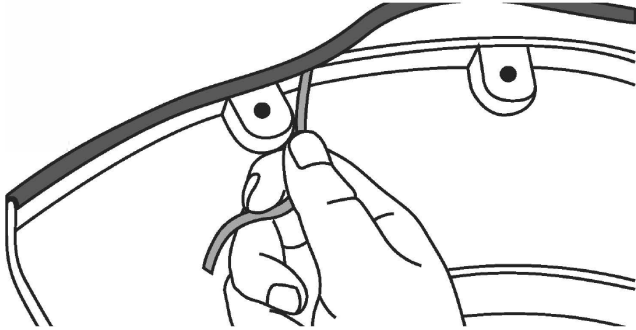
2. Wipe surface thoroughly with a tack rag.

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

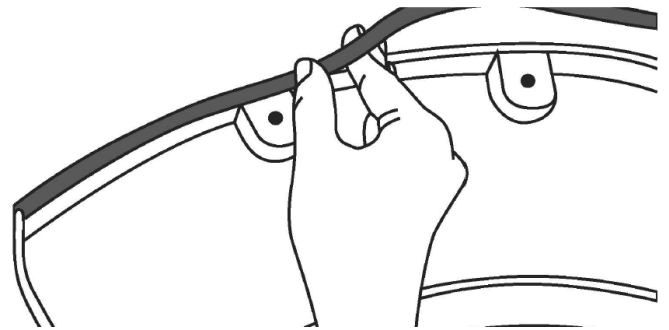
4. If painting edge trim (not recommended), use a flex additive.

## EDGE TRIM INSTALLATION

1. Peel 2-3 inches of red tape liner away from the edge trim tape (#11). 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)**



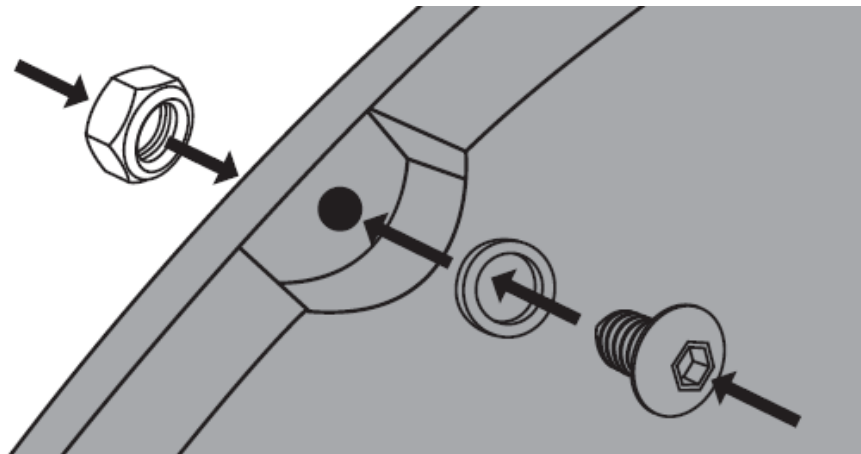
**(IMAGE 2)**

3. Cut the rubber edge trim to length when the installation is complete.
4. Repeat steps 1-3 for each fender flare.

## COSMETIC SCREW INSTALLATION

Install a 5/16"-18 screw (#7A or #7B) and washer (#8) into each pocket hole along the outer edge of the fender flare. Secure with a locknut (#9) using a wrench and Torx bit (#6). 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

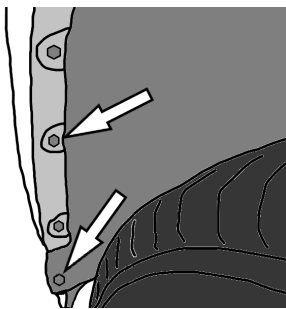
1. Clean the body areas where the front fender flares (#1) will be installed. Ensure flares are dry prior to installation. Turn the wheel facing outward to provide additional room for next steps.

2. Remove two (2) original factory hex bolts from the front of the inner splashguard using a 10mm socket. Retain bolts for later reinstallation. **(IMAGE 4)**

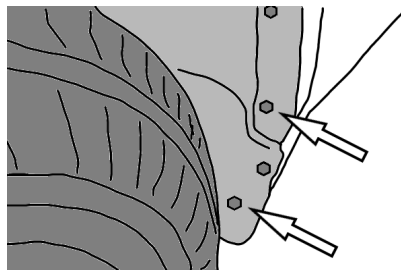
3. Remove two (2) original factory hex bolts from the rear of the inner splashguard using a 10mm socket. If the vehicle comes equipped with mud guards, remove all three (3) original factory hex bolts and use a pry tool to disengage the pin from the plug at the base of the mud guard. Remove mud guard completely and retain hardware for later reinstallation. **(IMAGE 5)**

**NOTE:** Mud guards cannot be installed with fender flares.

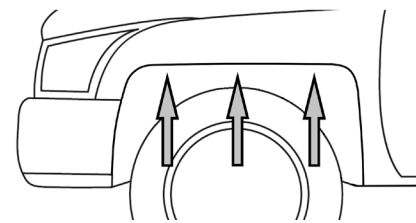
4. Locate and remove three (3) original factory hex bolts from the upper wheel well. Retain bolts for later reinstallation. **(IMAGE 6)**



**(IMAGE 4)**



**(IMAGE 5)**



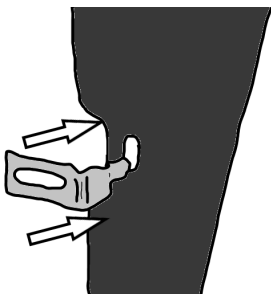
**(IMAGE 6)**

5. Secure three (3) attachment clips (#5) by sliding each clip into a fender flare slot. **(IMAGE 7)**

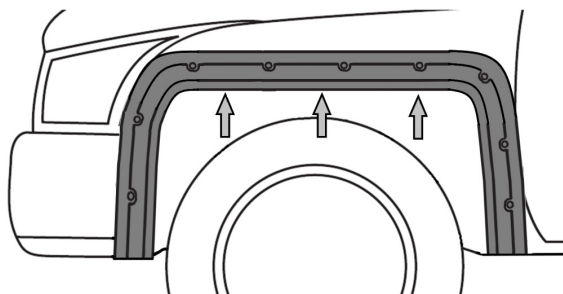
6. Position the front fender flare (#1) in place to line up the holes on the flare with the original vehicle holes.

7. Using the original factory hex bolts that were saved in step 4, loosely install the attachment clips to the original factory holes. **(IMAGE 8)**

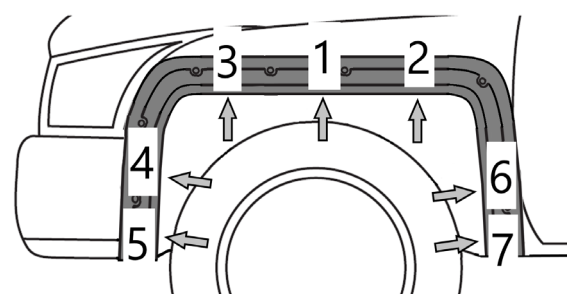
8. Loosely install four (4) original factory hex bolts that were saved in steps 2 and 3 through the flare holes and original factory holes in the vehicle. Then, uniformly tighten all seven (7) original factory hex bolts in the order shown in **(IMAGE 9)**.



**(IMAGE 7)**



**(IMAGE 8)**



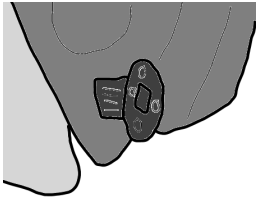
**(IMAGE 9)**

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

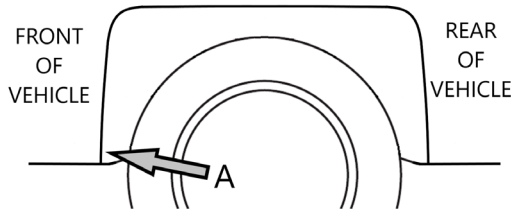
# REAR FLARE INSTALLATION

1. Clean the body areas where the rear fender flares (#2) will be installed. Ensure flares are dry prior to installation.
2. Remove the original factory plug from the front of the rear wheel well by pinching the back side of the plug and pulling it out to release. Retain plug for later reinstallation. Make note of location A. **(IMAGES 10 AND 11)**
3. Remove six (6) original factory hex bolts from the front of the inner splashguard using a 10mm socket. Retain bolts for later reinstallation. If the vehicle comes equipped with mud guards, use a pry tool to disengage the pin from the plug at the base of the mud guard. Remove mud guard completely and five (5) original factory hex bolts for later reinstallation. Make note of location B. **(IMAGE 12)**

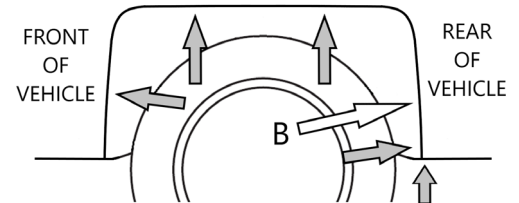
**NOTE:** Mud guards cannot be installed with fender flares.



**(IMAGE 10)**

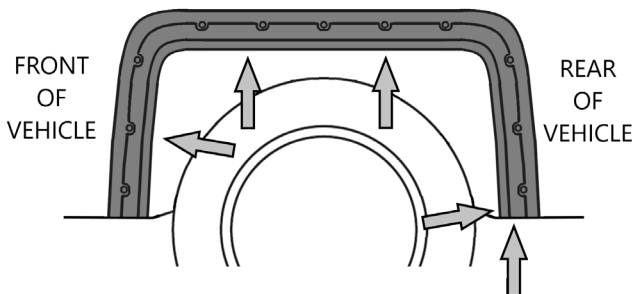


**(IMAGE 11)**

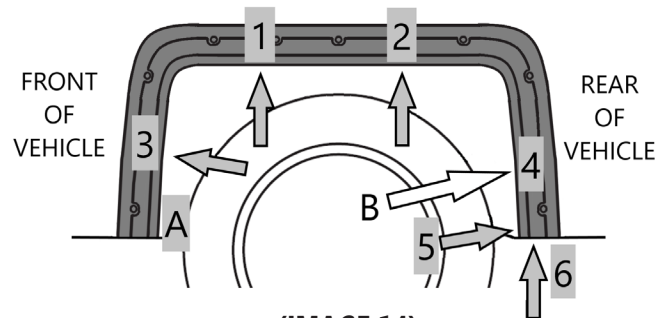


**(IMAGE 12)**

4. Position the rear fender flare (#2) in place to line up the holes on the flare with the original vehicle holes.
5. Loosely install five (5) original factory hex bolts that were saved in step 3 through the flare holes and original factory holes in the vehicle. **(IMAGE 13)**
6. At location B, place a 5mm spacer (#4) between the rear fender flare (#2) and the vehicle. Then loosely install a long screw (#3) from the included hardware kit through the flare, spacer and original factory hole.
7. At location A, reinstall the original factory plug through both the rear fender flare (#2) and the original factory hole. Then, uniformly tighten all six (6) fasteners in the order shown in **(IMAGE 14)**.



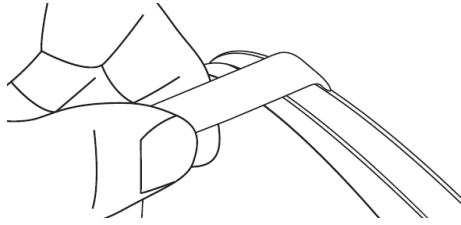
**(IMAGE 13)**



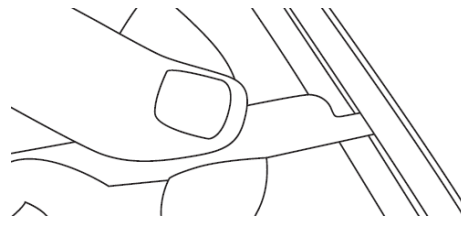
**(IMAGE 14)**

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

**NOTE:** The edge trim tool (#10) may be used after fender flare installation is complete to improve fitment as illustrated. **(IMAGES 15, 16)**



**(IMAGE 15)**



**(IMAGE 16)**

## **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.

## **CONTACT US**

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