



FENDER FLARES

Assembly, Installation, Operation,
and Maintenance Instructions

PART NUMBER	TFT3001S
INSTALL TIME	2-3 HOURS

VEHICLE FITMENT

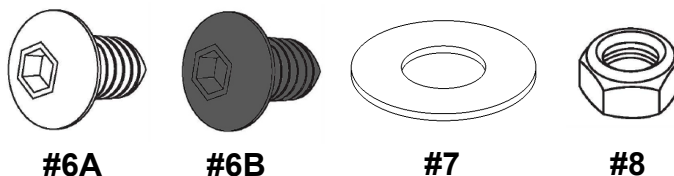
VEHICLES	2007-2013 TOYOTA TUNDRA
DEALER / INSTALLER	Provide a copy of these instructions to the end user of this product. These instructions provide important operating and safety information for proper usage of this product. Demonstrate the proper use of the product with the end user. Have the end user 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
10mm SOCKET	SOCKET WRENCH
GREASE PENCIL OR MARKER	1/2" SOCKET
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	TORX BIT	1
6A	5/16"-18 STAINLESS STEEL SCREWS	33
6B	5/16"-18 BLACK STEEL SCREWS	33
7	5/16" STAINLESS STEEL WASHERS	33
8	5/16"-18 STAINLESS STEEL LOCKNUTS	33
9	NYLON GROMMETS	2
10	S-CLIPS	8
11	1" X 1" BLACK TABS	12
12	#10 X 5/16" TRUSS HEAD SCREWS	6
13	M6.3 X 20mm HEX HEAD SCREWS	18



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.

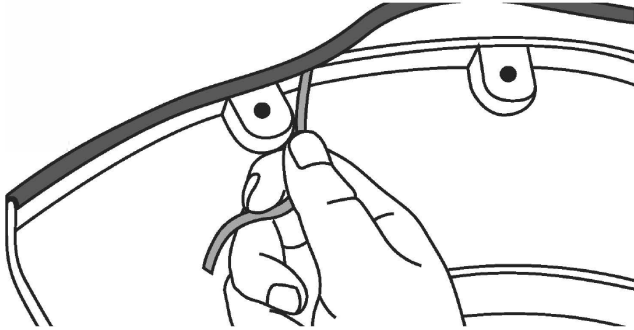
2. Wipe surface thoroughly with a tack rag.

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

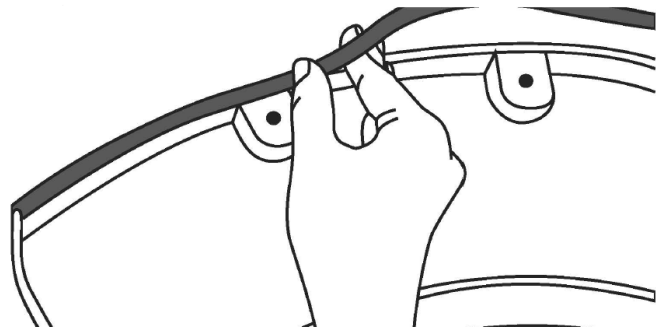
4. If painting edge trim (not recommended), use a flex additive.

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)



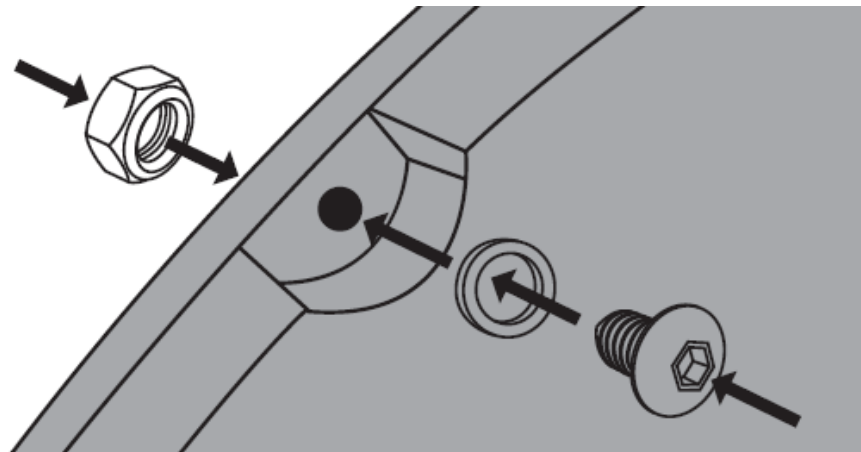
(IMAGE 2)

3. 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 (#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)**

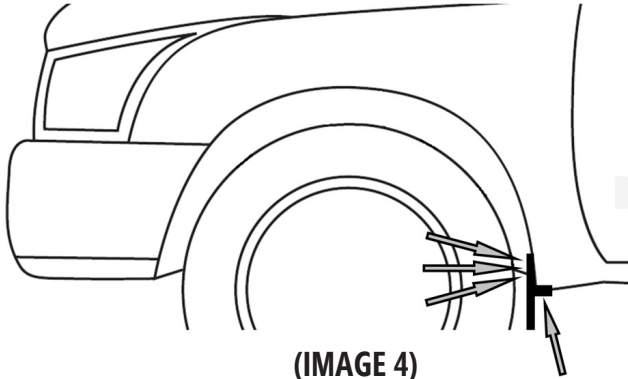
NOTE: Cosmetic 5/16"-18 screws are provided in both stainless and black steel finishes. You may use whichever finish you prefer.



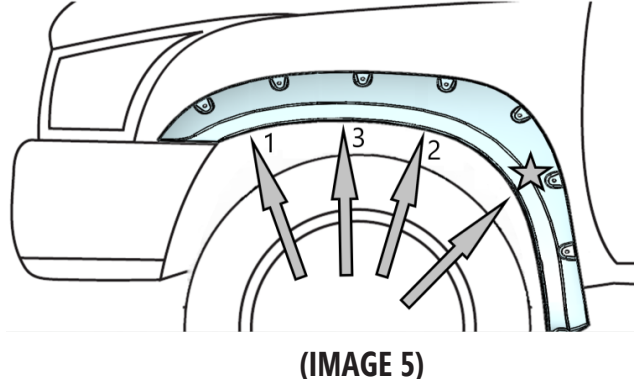
(IMAGE 3)

FRONT FLARE INSTALLATION

1. Remove four (4) original factory hex bolts from the mud flap using a 10mm socket. Then remove and discard the mud flap. **(IMAGE 4)**
2. Position the front fender flare (#1) in place to line up the holes on the flare with the original vehicle holes **(IMAGE 5)**. Loosely install one (1) M6.3 x 20mm hex head screw (#13) through the fender flare hole and original vehicle hole as indicated by a star symbol in **(IMAGE 5)**. Do not tighten.
3. Hold the front of the flare firmly in position. Using a marker or grease pencil, mark three (3) hole locations as indicated by arrows #1, #2 and #3 in **(IMAGE 5)**.

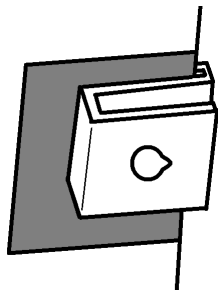


(IMAGE 4)

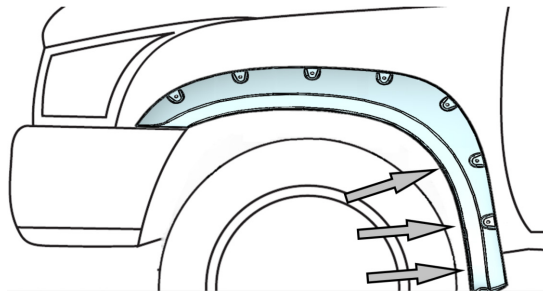


(IMAGE 5)

4. Without removing the screw that was installed during step 2, gently pull the front portion of the flare away from the vehicle to reveal the fender lip of the vehicle body. Install three (3) 1" x 1" black tabs (#11) over the three vehicle holes that were marked in the previous step. Then install three (3) S-clips (#10) over the black tabs. **(IMAGE 6)**
 5. While continuing to hold the flare in position, loosely install three (3) #10 x 5/16" truss head screws (#12) through the flare holes, S-clips and vehicle fender holes in the order indicated in **(IMAGE 5)**. Do not tighten.
- NOTE:** An awl or similar pointed tool may be used to locate and align the S-clips if necessary.
6. Loosely install three (3) M6.3 x 20mm hex head screws (#13) through the three lower rear holes in the flare and wheel well. **(IMAGE 7)**



(IMAGE 6)

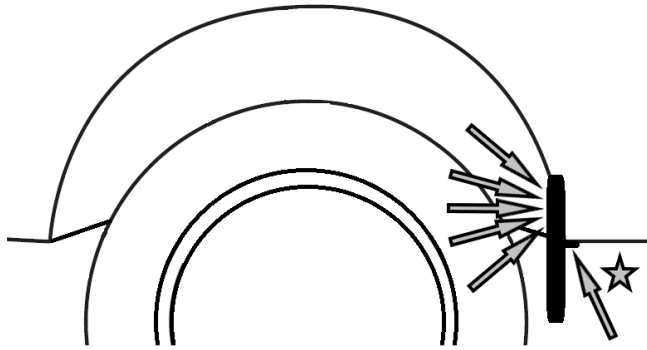


(IMAGE 7)

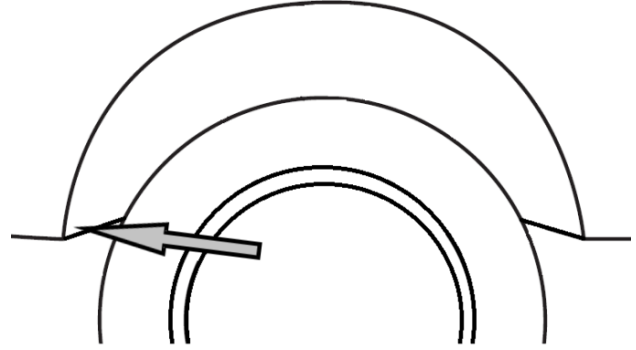
7. Tighten all screws.
8. Repeat steps 1-7 for the remaining front fender flare.

REAR FLARE INSTALLATION

1. Remove six (6) original factory hex bolts from the mud flap using a 10mm socket. Then remove and discard the mud flap. **(IMAGE 8)**
2. Install a nylon grommet (#9) into the vehicle hole as indicated by a star symbol in **(IMAGE 8)**.
3. Remove one (1) original factory hex bolt from the bottom front of the rear wheel well using a 10mm socket. **(IMAGE 9)**

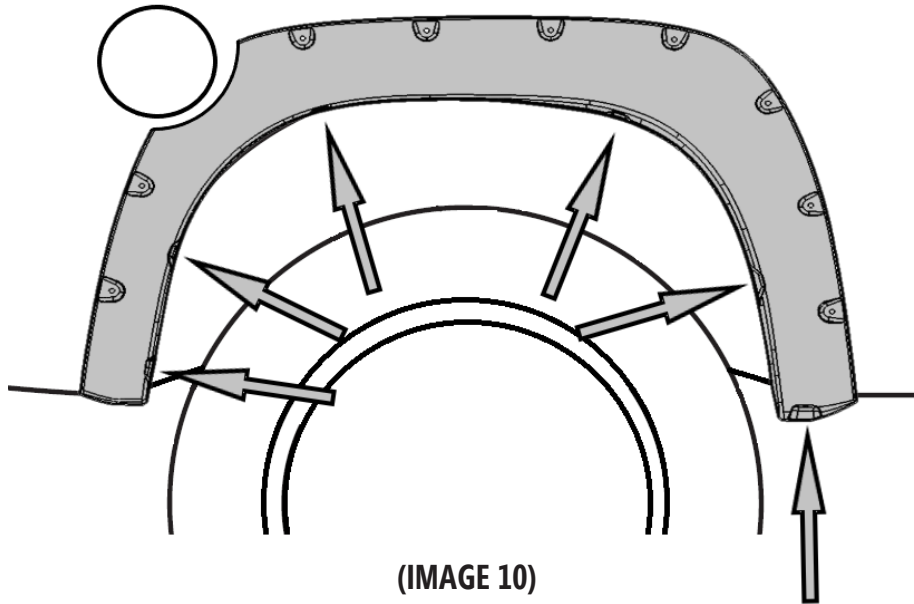


(IMAGE 8)



(IMAGE 9)

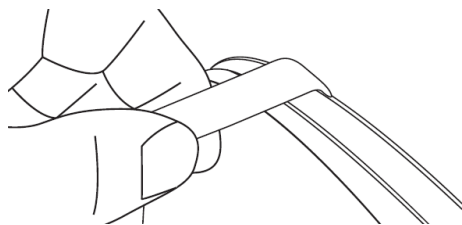
4. Position the rear fender flare (#2) in place to line up the holes on the flare with the original vehicle holes.
5. Install six (6) M6.3 x 20mm hex head screws (#13) through the fender flare holes and original vehicle holes. Tighten all screws. **(IMAGE 10)**



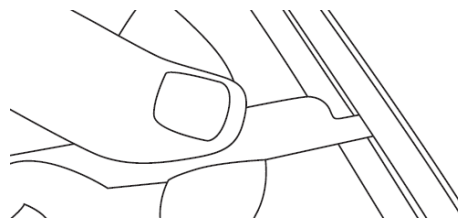
(IMAGE 10)

6. Repeat steps 1-5 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 11, 12)**



(IMAGE 11)



(IMAGE 12)

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.