



GENUINE PARTS

INSTALLATION INSTRUCTIONS

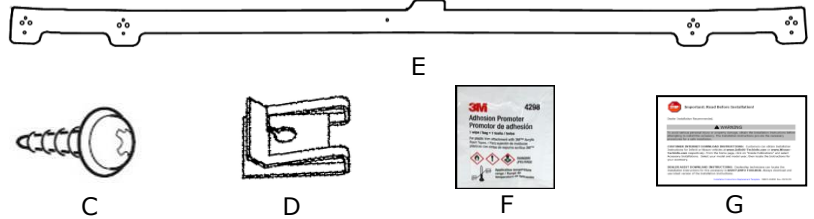
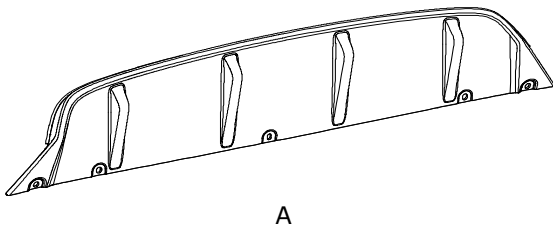
DESCRIPTION: Rear Bumper Diffuser

APPLICATION: Maxima

PART NUMBER: T99J3 4RA0D

KIT CONTENTS:

Item	Qty.	Part Description	Service Part Number
A	1	Rear Bumper Diffuser	---
B	1	Hardware Kit	---
C	5	• Philips Head Screw (M5 x 15mm)	14-51 00841
D	5	• U-Nut	12-41 00771
E	1	Drill Template	---
F	1	Adhesion Promoter Packet	---
G	1	Installation Instruction Replacement Template	999V2 AW000



TOOLS REQUIRED:

- #2 Phillips Head Screw Driver
- 3 mm (1/8 Inch) Drill Bit
- 7.5 mm (19/64 Inch) Drill Bit
- 8 mm (5/16 Inch) Drill Bit
- 19 mm (3/4 Inch) Spade Bit
- Drill
- Awl
- Deburring Tool
- Safety Glasses
- Disposable Gloves
- Masking Tape
- Scissors
- Pen
- Clean, Lint-Free Cloth
- Mild Soap and Water Mixture
- 90% or Greater Isopropyl Alcohol Solution

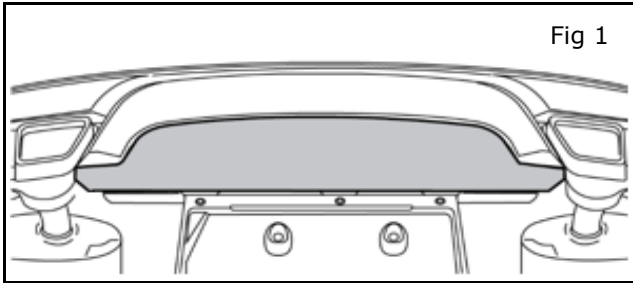
PRE-INSTALLATION WARNINGS, CAUTIONS, CRITICAL STEPS, and NOTES:

- Dealer installation recommended.
- 2 person installation recommended.
- Raise vehicle up on lift prior to rear diffuser installation.
- Install rear diffuser only when part and vehicle temperature are between 16°C - 43°C (60°F - 110°F).
- Do not wash vehicle for at least 24 hours after installing rear diffuser.
- Avoid exposing vehicle to precipitation or humid environment for at least 24 hours after installing rear diffuser.
- To allow time for adhesive to cure, maintain vehicle temperature between 16°C - 43°C (60°F - 110°F) for at least 2 hours after installing rear diffuser.

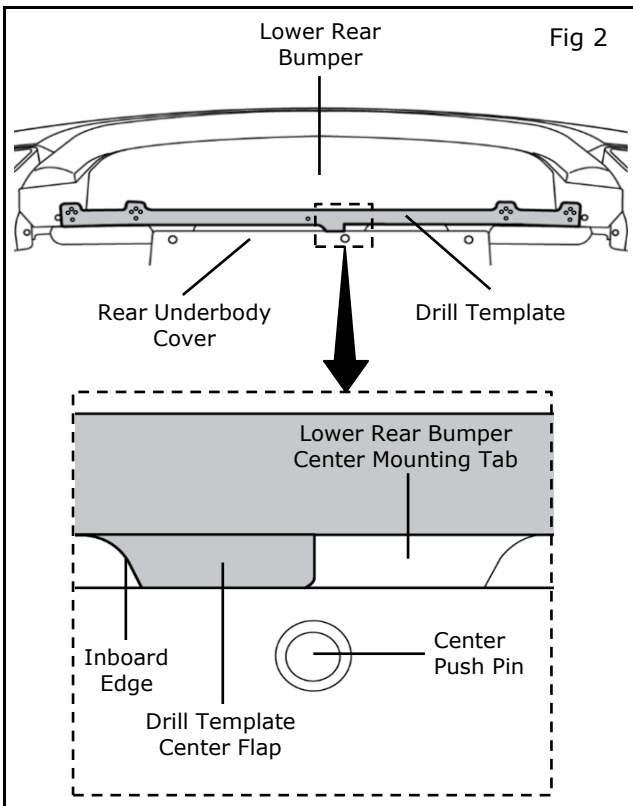
⚠ WARNING

Exhaust pipes can be extremely hot. Wait until exhaust pipes are cool before proceeding.

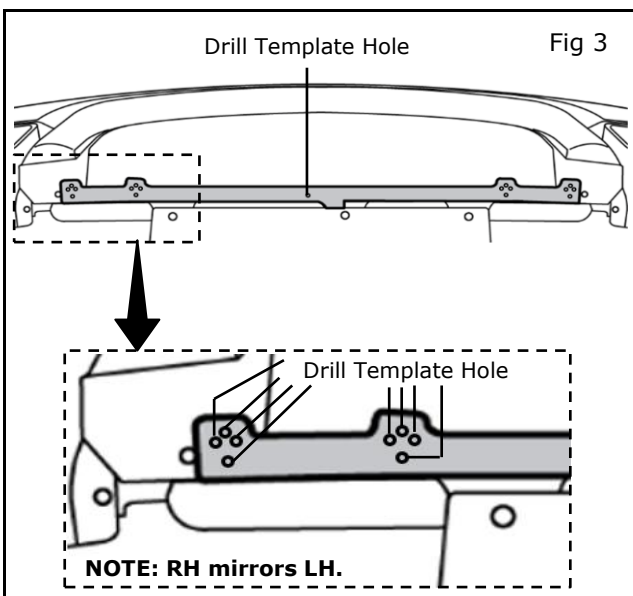
INSTALLATION PROCEDURE:



- 1) Wash rear diffuser mounting location at rear of vehicle (shaded area) with mild soap and water mixture. Allow time to dry.



- 2) Position drill template; then, secure it to lower rear bumper.
 - a) Align forward edge of template to forward edge of lower rear bumper.
 - b) Align inboard edge of template's center flap to inboard edge of lower rear bumper's center mounting tab.
 - c) Secure template to lower rear bumper with masking tape. Printed hash marks on template indicate where to place tape.



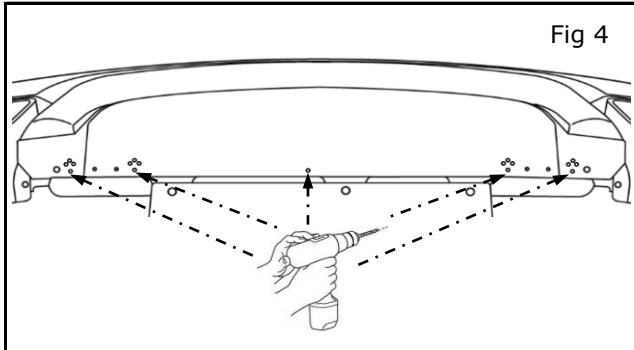
- 3) Mark center of 17 drill locations indicated by drill template with awl.

INSTALLATION PROCEDURE:

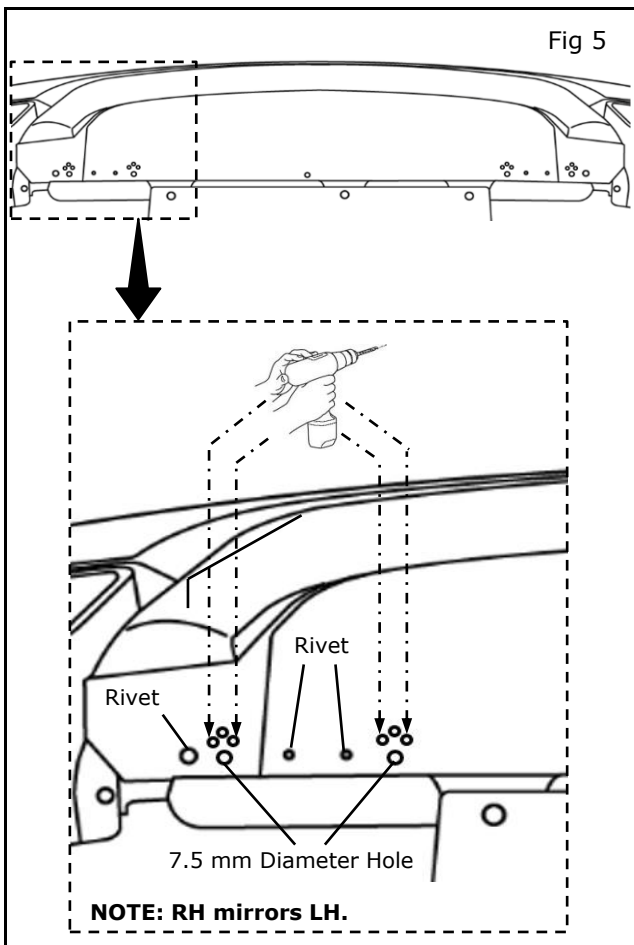
- 4) Remove and discard drill template.
- 5) Drill pilot hole at each marked location with 3 mm (1/8 inch) drill bit.

⚠ CAUTION

Put on safety glasses prior to drilling holes.

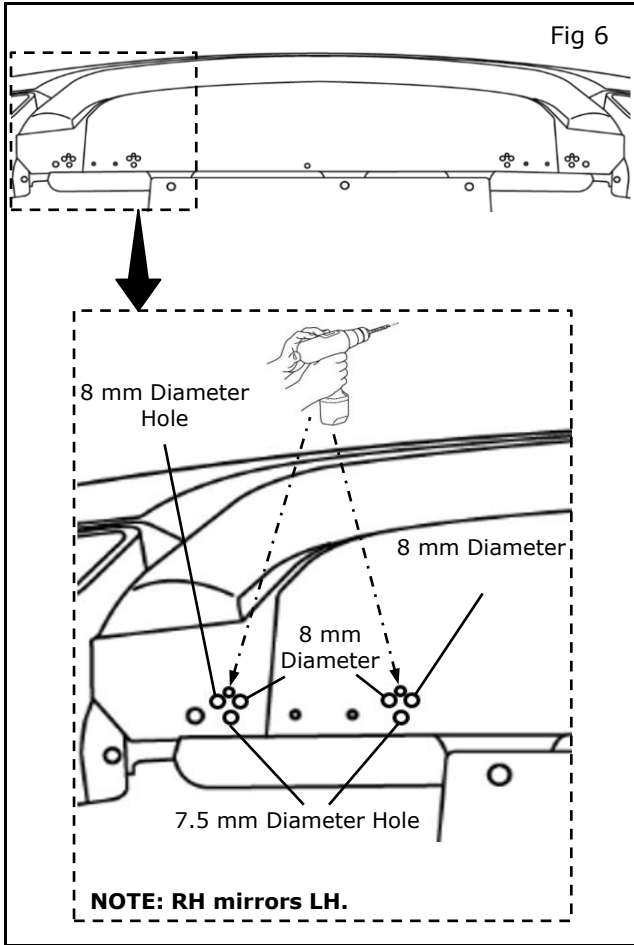


- 6) Enlarge 5 pilot holes closest to forward edge of lower rear bumper with 7.5 mm (19/64 inch) drill bit.

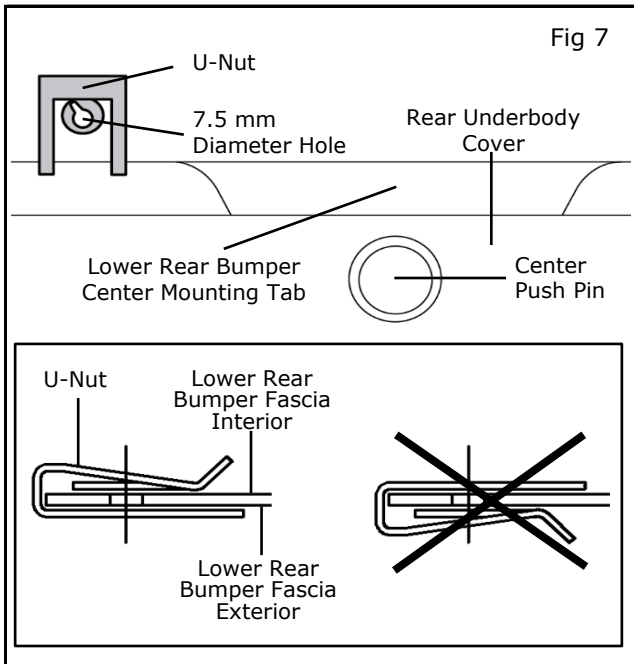


- 7) Enlarge 8 pilot holes shown with 8 mm (5/16 inch) drill bit.

INSTALLATION PROCEDURE:

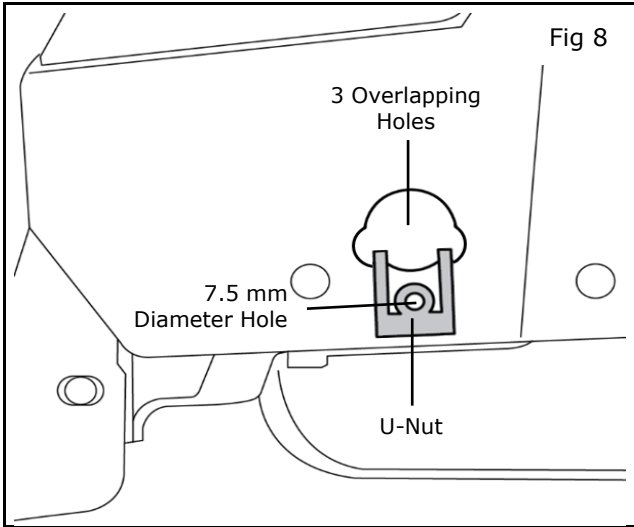


- 8) Enlarge 4 pilot holes shown with 19 mm (3/4 inch) spade bit.

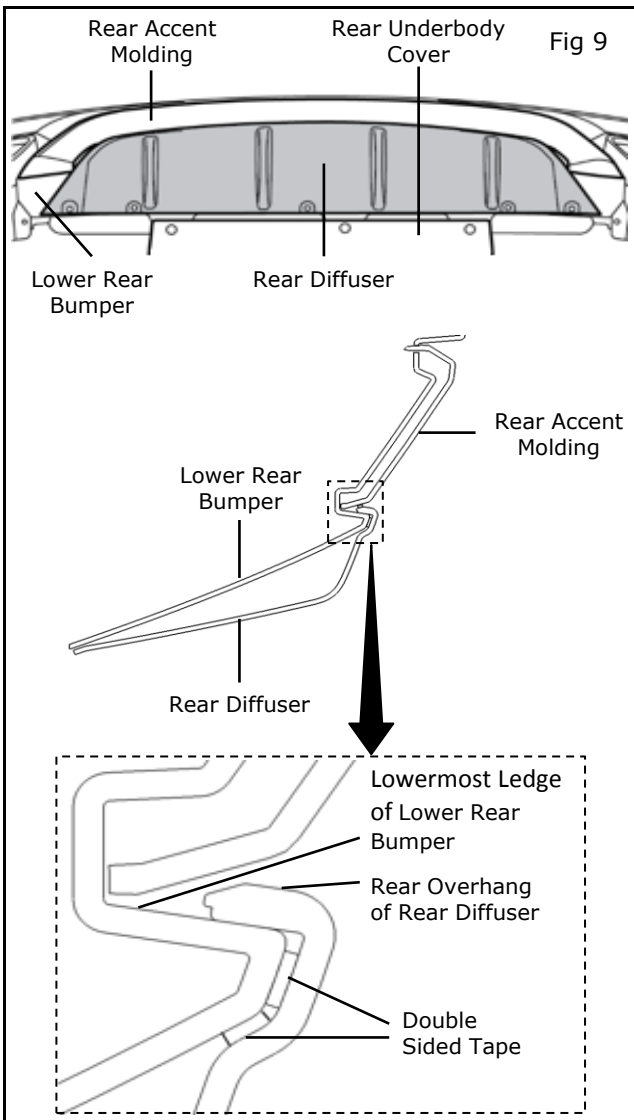


- 9) Remove any plastic burrs and rough edges with deburring tool.
- 10) Install centermost U-nut as shown.

INSTALLATION PROCEDURE:



11) Install each of 4 outboard U-nuts as shown.



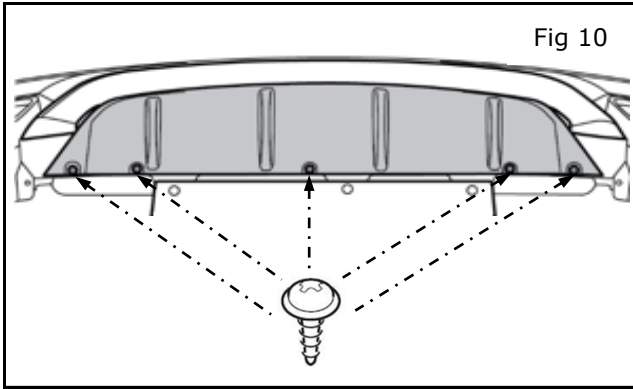
12) Without removing tape liners, dry fit rear diffuser.

- While resting rear overhang of rear diffuser on lowermost ledge of lower rear bumper, slide rear diffuser forward until tape butts up against lower rear bumper.
- Center part from left-to-right.
- Align rear diffuser holes to U-nuts.

NOTES:

- **Do not tack tape.**
- **2 person installation recommended.**

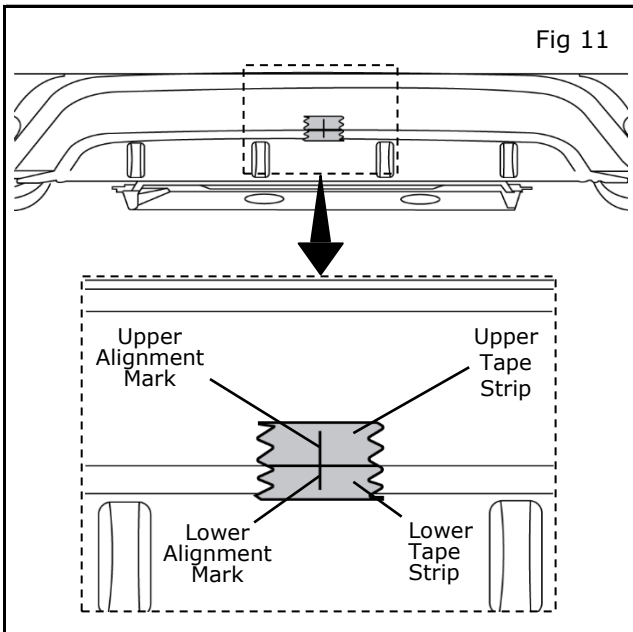
INSTALLATION PROCEDURE:



- 13) Insert screws into U-nuts; then, loosely tighten them.

NOTES:

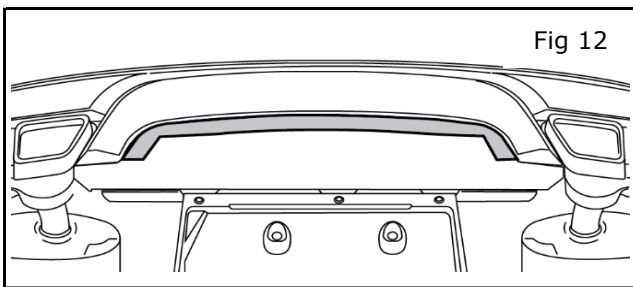
- If necessary, use awl to shift U-nuts to better align them with rear diffuser holes.
- 2 person installation recommended.



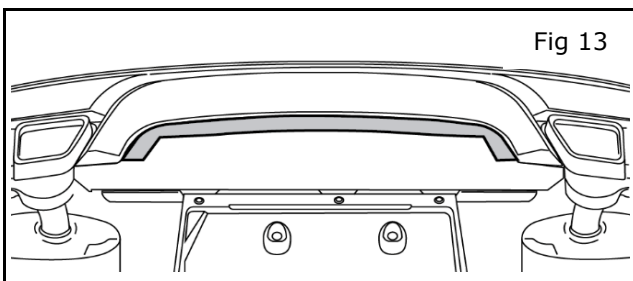
- 14) Make alignment marks between rear accent molding and rear diffuser.
- a) Place masking tape strip on rear accent molding as shown.
 - b) Place masking tape strip on rear diffuser as shown.
 - c) Using pen, draw mark on each masking tape strip so that marks align to each other left-to-right.

NOTE:

- 2 person installation recommended.



- 15) Remove rear diffuser.
- 16) Use clean lint-free cloth and 90% or greater alcohol solution to cleanse lower rear bumper surface that will interface with rear diffuser tape (shaded area). Allow time to dry.

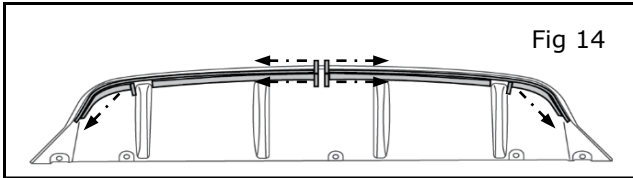


- 17) Apply adhesion promoter to lower rear bumper surface that will interface with rear diffuser tape (shaded area). Allow 90 seconds for adhesion promoter to dry.

CAUTION

Put on disposable gloves and safety glasses prior to handling adhesion promoter.

INSTALLATION PROCEDURE:



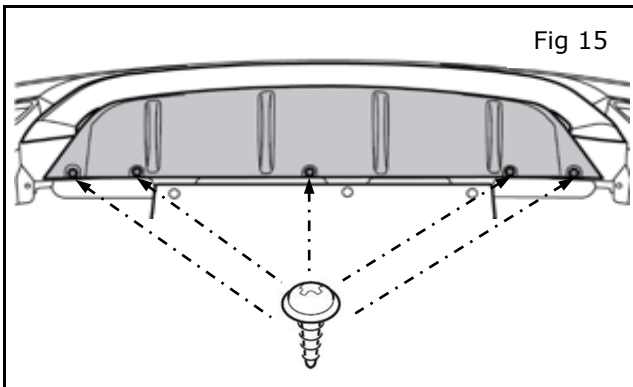
18) Remove tape liners.

19) Carefully position rear diffuser against lower rear bumper.

- a) Use alignment marks to center part left-to-right as shown in Fig 11.
- b) While resting rear overhang of rear diffuser on lowermost ledge of lower rear bumper, slide rear diffuser forward until tape butts up against lower rear bumper as shown in Fig 9.
- c) Align rear diffuser holes to U-nuts.

NOTE:

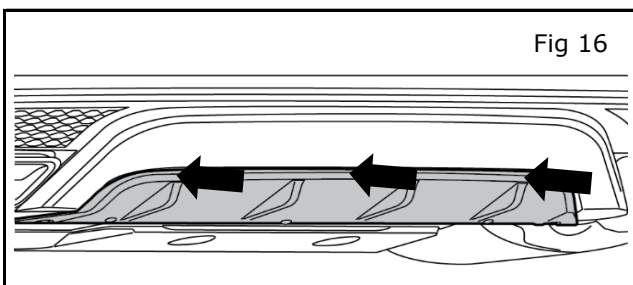
2 person installation recommended.



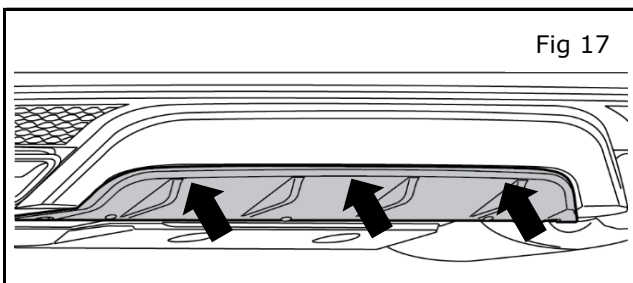
20) Insert screws into U-nuts; then, loosely tighten them.

NOTE:

If necessary, use awl to shift U-nuts to better align them with rear diffuser holes.

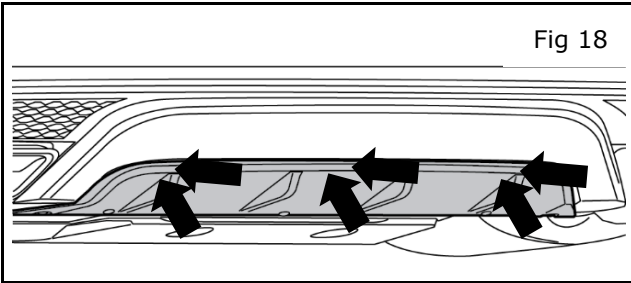


21) Using clean lint-free cloth, apply firm pressure along upper row tape path. Start applying pressure at lengthwise middle; then, move outboard.

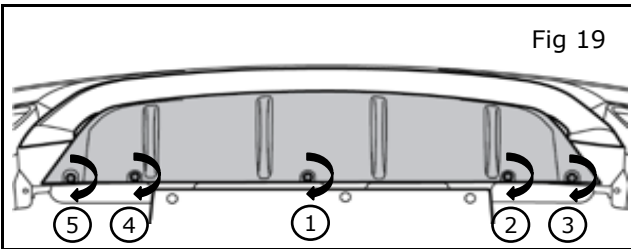


22) Using clean lint-free cloth, apply firm pressure along lower row tape path. Start applying pressure at lengthwise middle; then, move outboard.

INSTALLATION PROCEDURE:



23) Using clean lint-free cloth, reapply firm pressure along all tape paths.



24) Torque down each screw to 4 N-m (36 in-lb) in order shown. While tightening each screw, push upward on rear diffuser so it is pressed tightly against lower rear bumper.