



GENUINE PARTS

INSTALLATION INSTRUCTIONS

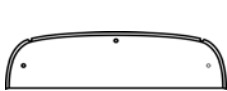
1. **DESCRIPTION:** MOONROOF WIND DEFLECTOR

2. **APPLICATION:** ROGUE

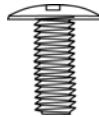
3. **PART NUMBER:** 999D4 GU001

4. **KIT CONTENTS:**

Item	QTY	Description
A	1	Moonroof Deflector
B	3	Phillips Head Screws
C	3	Nylon Washers
D	3	Nylon Nuts
E	2	Side Brackets
F	1	Center Bracket
G	3	Protective Tape



A



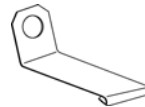
B



C



D



E



F



G

5. **TOOLS REQUIRED:**

- Car Wash Supplies
- Measuring Tape
- Step Ladder
- Felt Tip Pen
- Rubbing Alcohol
- Torque Wrench
- Shop Towel
- 10mm Wrench
- Phillips Head Screw Driver
- Masking Tape

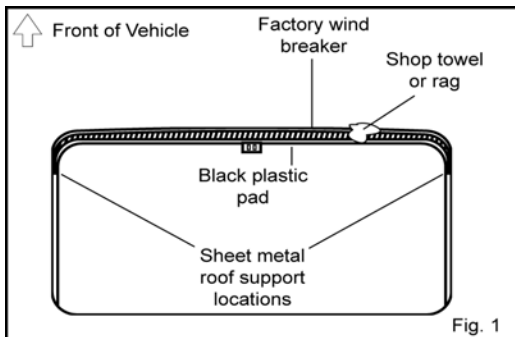
6. **PRE-INSTALLATION CAUTIONS/NOTES:**

- Read all instructions carefully before beginning installation.
- To avoid damaging the surface, never use ammonia-based cleaners or solvents to clean your moonroof deflector.
- Clean moonroof deflector with a solution of mild dishwashing soap and water using a soft cloth or chamois.
- To remove fine scratches and restore the original luster, use a high quality plastic cleaner.

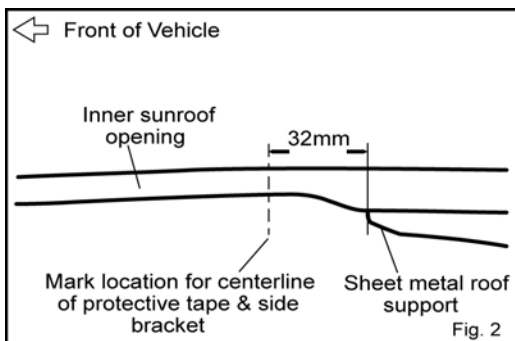
INSTALLATION INSTRUCTIONS - MOONROOF WIND DEFLECTOR

7. INSTALLATION PROCEDURE:

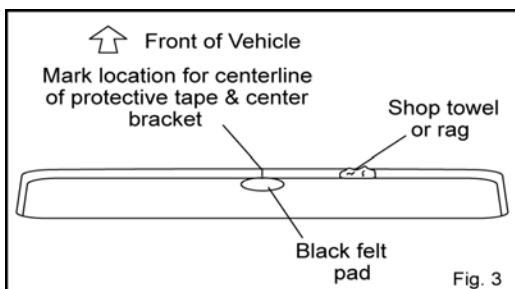
1) Preparation



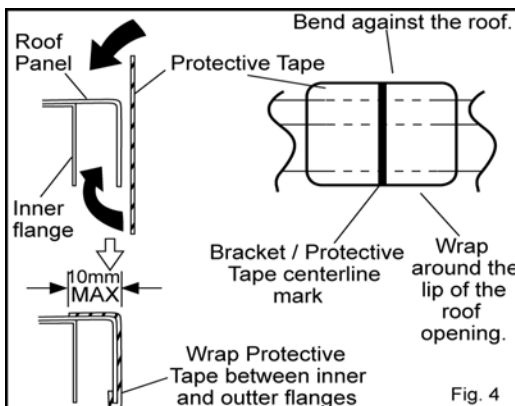
- a) Clean the roof area to be covered.
- b) Open the moonroof.
- c) Push the shop towel or rag into the opening between the sheet metal flange and the factory wind breaker. Use the towel to hold down the factory wind breaker to make bracket installation easier. (Fig 1)



- d) Measure 32mm forward of sheet metal roof support along moonroof opening and mark location for side protective film. Repeat for opposite side. (Fig 2)



- e) Locate the black pad and mark the sheet metal flange in the moonroof opening roof along vehicle sunroof opening centerline as shown. (Fig 3)
- f) Using rubbing alcohol on a shop towel, clean the roof at each of the three marked locations. Be careful not to wipe off your marks.



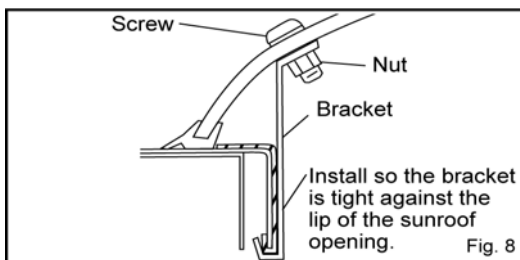
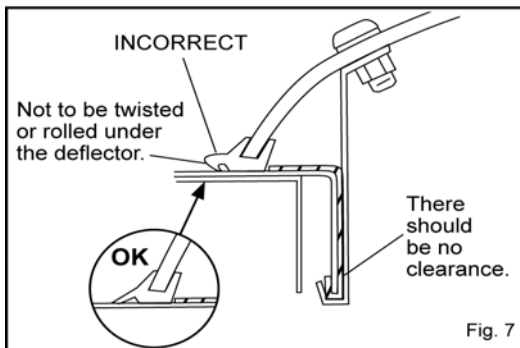
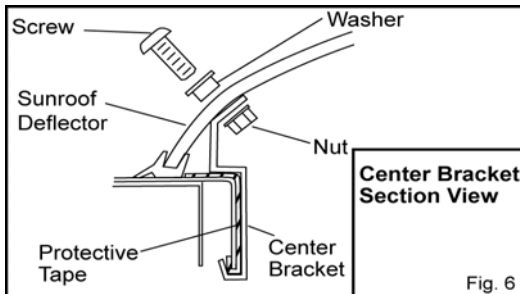
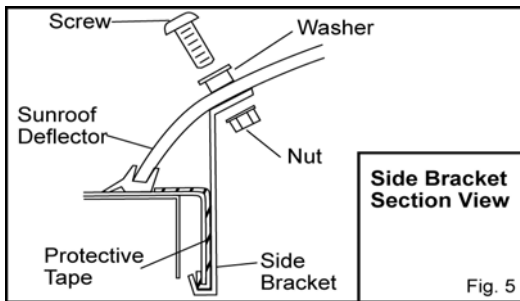
- g) Remove the adhesive backings from the protective tapes, and attach one to the roof at each of the marked locations as shown. Allow each piece of protective tape to hang 10mm over the top of the sunroof opening. Wrap the protective tape around the bottom of the sheet metal flange, making sure it does not contact the inner sheet metal flange. (Fig 4)
- h) Centering the brackets over the protective tape, secure each bracket in place using masking tape.

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7. INSTALLATION PROCEDURE (CONTINUED)

2) Installation

- i) Set the moonroof deflector on the vehicle's roof slightly forward of the sunroof opening. Adjust its position so the holes in the deflector are aligned with the bracket holes.
- j) While holding the deflector in place, install the washers, screws and nuts with the end of each bracket. Ensure brackets remain hooked to the lip of the moonroof opening. Do not tighten screws yet. (Fig 5 & 6)



- k) Remove the masking tape used to hold brackets in place.
- l) Position the moonroof deflector with equal spacing on all sides.
- m) Check that the rubber seal is not twisted or rolled under the deflector. Slide a credit card under the deflector from the back side to straighten the gasket if needed. (Fig 7)
- n) Starting at the center bolt, tighten the nut and screw. Confirm the torque of the screw to be 10-12 in. lbs. To prevent damage to the nylon nuts, do not overtighten. Then adjust the outer brackets as necessary and tighten the nuts and screws. Confirm the torque for the outer screws to be 10-12 in-lbs. To prevent damage to the nylon nuts, do not overtighten.

CAUTION


- **CONFIRM THERE IS NO CLEARANCE/GAP BETWEEN THE BRACKET AND THE VEHICLE. IF THERE IS A GAP, ADJUST DEFLECTOR AND SIDE BRACKETS FORWARD TO ELIMINATE GAP. (Fig 8)**

- o) Remove the shop towel used to hold down the factory wind breaker.

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8. CHECKLIST:

Torque Table

	Picture	QTY	Description	Part Number	Torque Spec
<input type="checkbox"/>		3	Phillips Head Screw		10-12 in./lbs
<input type="checkbox"/>					
<input type="checkbox"/>					
<input type="checkbox"/>					

Prior to completion, verify the following

- Brackets are flush against sheet metal lip.
- Paint protection film is smooth and free of wrinkles.
- Gasket is not rolled under deflector.
- Close moonroof to confirm it operates normally.