

**Part Number: 00016-12120-01;-02;-03; -08;-10;-11;-18;-21**

**Code: SF1**

**Kit Contents**

Item #	Quantity Req'd.	Description
1	1	Fender Flare, Driver side
2	1	Fender Flare, Passenger side
3	1	Fender Flare, Driver side
4	1	Fender Flare, Passenger side
5	2	Hardware Bag

**Hardware Bag Contents (Total of both bags)**

Item #	Quantity Req'd.	Description
1	16	Mini Clamp Bracket
2	16	#10 Sheet Metal Screws
3	16	Mylar Tab, Black
4	6	10mm Hex Head Screw

**Additional Items Required For Installation**

Item #	Quantity Req'd.	Description
1		

**Conflicts**

Note: Front End Mask
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**Recommended Tools**

<b>Safety Tools</b>	
Safety glasses	
<b>Special Tools</b>	
None	
<b>Installation Tools</b>	
Socket (and drive unit)	10mm
Wiping cloth	Non-scratch, lint free
Philips screw driver	#2 Stubby or Right Angle
Heat source	
<b>Special Chemicals</b>	
Cleaner	3M™ Prep Solvent – 70
Distilled water	Soap/Water Solution

**Color Applicability/Trim Level**

Accessory Color	Vehicle/Trim Color									
	Black	Gray								
Super White (040)		X								
IE7 Silver Streak Mica		X								
Black Sand Pearl (209)	X									
Radiant Red (3L5)	X									
IE3 Phantom Gray Pearl		X								
Indigo Ink Pearl (8P4)	X									
Cosmic Blue Metallic (8Q5)		X								
IF4 Shadow Mica Meteoric Metallic	X									

**General Applicability**

Note: All Matrix models
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**Recommended Sequence of Application**

Item #	Accessory	
1	Fender Flares	
2	Bumper Spats	
3		

\*Mandatory

	<b>STOP:</b> Damage to the vehicle may occur. Do not proceed until process has been complied with.
	<b>OPERATOR SAFETY:</b> Use caution to avoid risk of injury.
	<b>CRITICAL PROCESS:</b> Proceed with caution to ensure a quality installation. These points will be audited on a completed vehicle installation.
	<b>GENERAL PROCESS:</b> This highlights specific processes to ensure a quality installation. These points will be audited during the accessory installation.
	<b>TOOLS &amp; EQUIPMENT:</b> Calls out the specific tools and equipment recommended for this process.
	<b>REVISION MARK:</b> This mark highlights a change in installation with respect to previous issue.

**SPECIAL NOTE: Installation Sequences**

After **TMS** and **Safety** mandated preparatory steps have been taken, the installation sequence is the suggested method for completing the accessory installation. In some instances the suggested sequence is written for one associate to install and in others the sequence is given as part of a team accessory installation. Unless otherwise stated in the document, the associates may perform the installation steps in any order to make the installation as efficient as possible while maintaining consistent quality.

Also some items listed to be removed may not need to be removed if caution is taken to not damage vehicle.

**A. Installation Preparation**

1. If the vehicle is to be equipped with accessory front and rear Bumper Spats, install the Fender Flares first as outlined below, then install the Bumper Spats as outlined in the Bumper Spat Installation Instructions.



2. Clean the vehicle.
  - i. Using a clean, damp (water or approved paint cleaner) non-scratch, lint free cloth, clean the areas of the vehicle to which the Fender Flares will be installed.
  - ii. Dry the areas with a clean, dry, non-scratch, lint free cloth.



3. Inspect the parts prior to installation.



4. Be sure the molding is fully adhered to the Fender Flare by pressing the inner flap of the molding against the inner surface of the flare. (Fig. A1)

**B. Install Front Fender Flare (Left or Right)**



1. Be sure the molding is fully adhered to the Fender Flare as previously indicated.



2. Warm or cool the vehicle and flare as required.

3. Hold the Fender Flare up to vehicle and align the (3) rearward holes in the Flare with the (3) corresponding plastic factory inserts. (Fig. B1 & Fig. B2)

4. Loosely install the (3) provided 10mm hex head screws. Do not fully tighten the screws at this time. (Fig. B2)



5. Mark the location of the (3) forward holes through the Fender Flare and onto the vehicle. (Fig. B3)

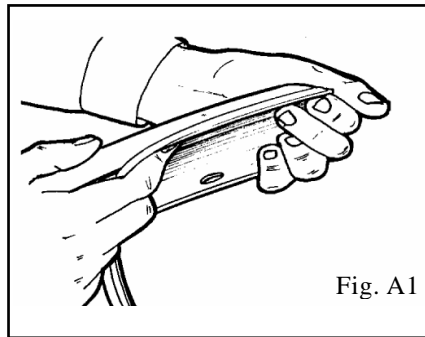


Fig. A1



Fig. B1



Fig. B2

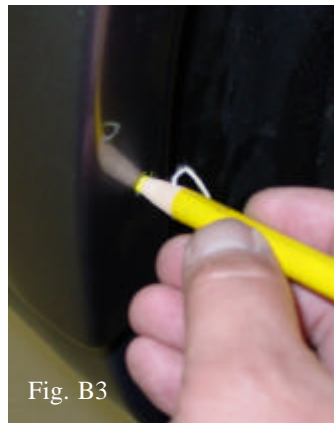


Fig. B3

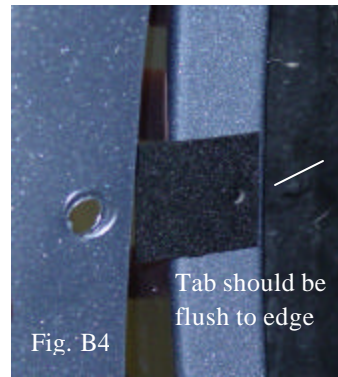
**Port Only**

**NOTE:** For ease of installation and to eliminate the rolling of the rubber edge tape while installing the fender flare, the following steps must be followed for each individual flare.


- Before the attachment of the fender flare to vehicle, wet the area where the fender flare rubber edge tape meets the vehicle with a soap and water solution.

Section II – Installation Procedure

- STOP 6. Install the black protective tape tabs, centered over the marks and flush to the inside edge of the panel. (Fig. B4)
  - i. To aid installation of the tabs, the Fender Flare can be safely bent back and need not be removed.
  - ii. The tape tabs only need to adhere to areas where the clips contact the vehicle exterior. Full adhesion is not required. . (Fig. B5)
- 7. Install the clips to the vehicle.
  - i. The clips are installed between the vehicle and the flare. (Fig. B6)
  - ! ii. Center the clips under the holes in the flare. (Fig. B6)
  - ! iii. Push the clips onto the vehicle as far as the clip will allow.
- 8. Install the remaining screws in to the clips.
  - i. The flare will have to be pressed against the vehicle to insert the screws. (Fig. B7)
  - ii. You may have to hold clip in place against vehicle to insert screw.
- 9. Tighten all (6) screws.
  - ! i. Press the flare against the vehicle when tightening the screws to eliminate gapping. (Fig. B8)
    - ii. Start by tightening the (3) rearward factory plastic insert screws, starting at the top and work toward the bottom. (Fig. B2)
    - iii. Tighten the remaining forward clip screws, starting at the top and work toward the bottom.
    - STOP iv. Be careful not to over-tighten and possibly strip the plastic inserts or clips.








 10. Use the enclosed Red plastic tab to release the molding from the flare. This will help seat the molding against the vehicle.

- i. If molding is not released from flare start at either end of the flare, slip a corner of the Red plastic tab between the molding and flare and slide the tab from one end of the flare to the other. (Fig. B9)

**NOTE:** Use of soap/water solution will help release molding from flare.

11. The maximum allowable gap between the flare molding and the vehicle is .5mm.

### C. Install Rear Fender Flare (Left or Right)

-  1. Be sure the molding is fully adhered to the Fender Flare as previously indicated.
- 2. Remove the (1) factory bumper screw and save. (Fig. C1)
- 3. Hold the rear Flare up to vehicle and align the (1) bumper screw hole in the Flare with the (1) corresponding hole/insert in the vehicle.
- 4. Loosely re-install the previously removed factory 10mm hex head screws. Do not fully tighten the screw at this time. (Fig. C2)
-  5. Mark the location of the (5) remaining holes through the Fender Flare and onto the vehicle. (Fig. C3)
-  6. Install the black protective tape tabs, centered over the marks and flush to the inside edge of the panel. (Fig. C4)
  - i. To aid installation of the tabs, the Fender Flare can be safely bent back and need not be removed.

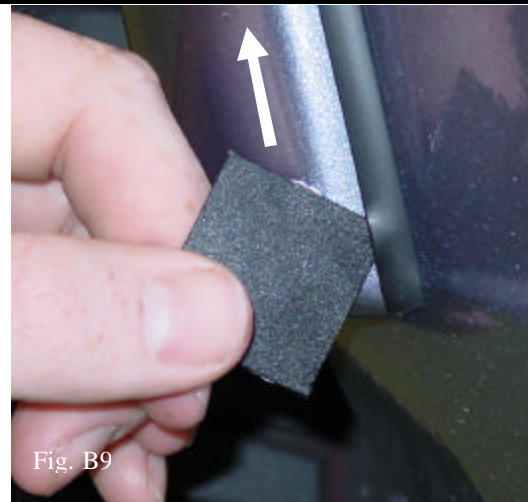


Fig. B9



Fig. C1

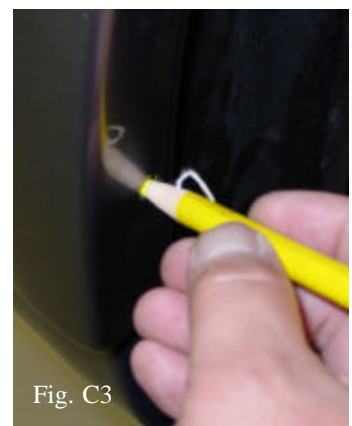


Fig. C3



Fig. C2

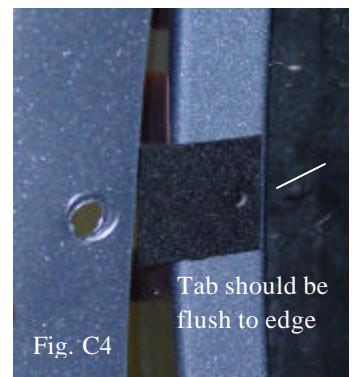


Fig. C4



Fig. C6

Section II – Installation Procedure

- ii. The tape tabs only need to adhere to areas where the clips contact the vehicle exterior. Full adhesion is not required. . (Fig. C5)

7. Install the clips to the vehicle.

- i. The clips are installed between the vehicle and the flare. (Fig. C6)



- ii. Center the clips under the holes in the flare. (Fig. C6)



- iii. Push the clips onto the vehicle as far as the clip will allow.

8. Install the remaining screws into the clips.

- i. The flare will have to be pressed against the vehicle to insert the screws. (Fig. C7)
- ii. You may have to hold clip in place against vehicle to insert screw.

9. Tighten all (6) screws.

- i. Press the flare against the vehicle when tightening the screws. (Fig. C8)



- ii. Start by tightening the factory screw first. (Fig. C9)

- iii. Tighten the remaining screws starting at the top/center of the flare and work toward the bottom/ends. (Fig. C9)

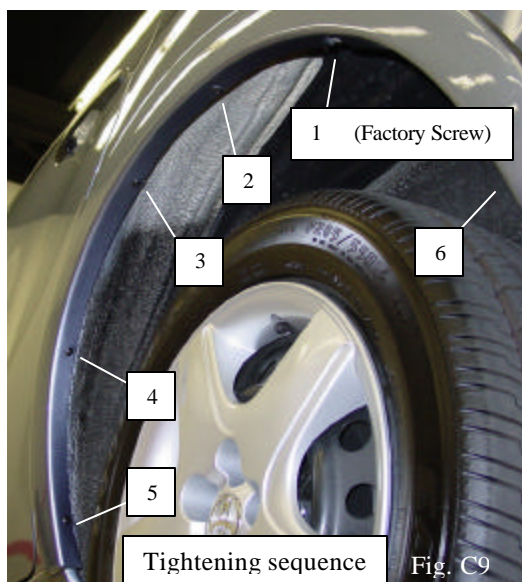


- iv. Be careful not to over-tighten and possibly strip the plastic inserts or clips.

10. Use the enclosed Red plastic tab to release the molding from the flare. This will help seat the molding against the vehicle.



- i. If molding is not released from flare start at either end of the flare, slip a corner of the Red plastic tab between the molding and flare and slide the tab from one end of the flare to the other. (Fig. C-10)





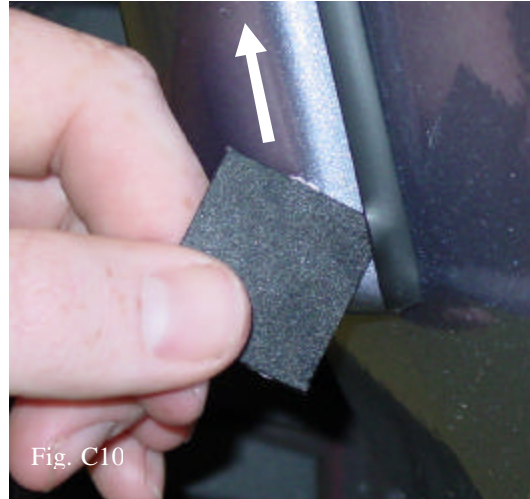
## Section II – Installation Procedure

**NOTE:** Use of soap/water solution will help release molding from flare.

11. The maximum allowable gap between the flare molding and the vehicle is .5mm.

**D. Clean the Fender Flares**

-  1. Clean protect the painted surfaces of the Fender Flares as you would any other painted surface of your vehicle.
-  2. Do not let any protectants or solvents come into contact with the molding tape as this could de-bond the tape from the Flare.





Check: \_\_\_\_\_

Look For: \_\_\_\_\_

Verify acceptable gaps.

1mm gap between the screw and the flare will be acceptable. The screw must be tight though.

Verify appearance.

Minor gouges will be acceptable in the fender well area only. They must be touched up.