

GM Accessory Side Window Deflector & Splash Guard Review

ADI Web- Ex Training Sessions
2/3/09 – 2/4/09

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Exterior Trim Accessories

Agenda

- Background
- Application Tools
- Installation Steps
 - Side Window Deflector
 - Splash Guards
- Specific Vehicle Applications
 - Top 3 Warranty Returns
 - 900, Equinox, Impala
- Q & A

Background

- Side Window Deflectors
 - Warranty Claim Descriptions
 - Returns: “Vent Shade Loose”, “Shade falling off”
 - Mis-alignment
 - Lack of wet-out
 - No mechanical attachments
 - Don’t get multiple attempts to locate
- Splashguards
 - Typical installation uses 2-3 mechanical fasteners
 - Adhesive tape added to improve fit to vehicle

Application Tools

- Vehicle Cleaning Solution

- Alcohol Wipe (12365938)



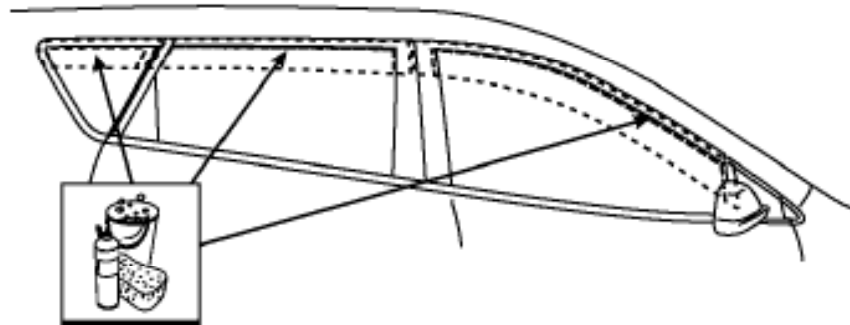
- Adhesion Promoter (12368011)
 - For Rubber and Glass Surfaces



- Lint Free Rag

Installation Procedure (Vehicle prep.)

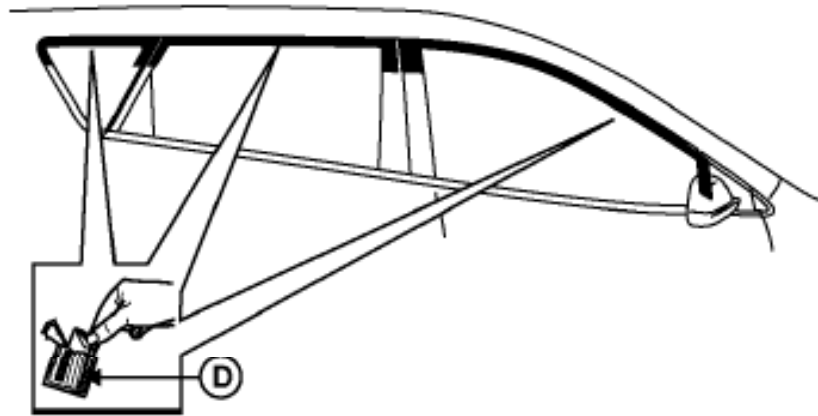
- Vehicle & parts need to be between 60 – 80 F prior to installation
- Test fit & clean tape land areas removing all dirt & grease prior to installation
 - Do not use petroleum based cleaning products.



NOTE: If entire vehicle will be washed before returning to customer, make sure to wash before SWD installation

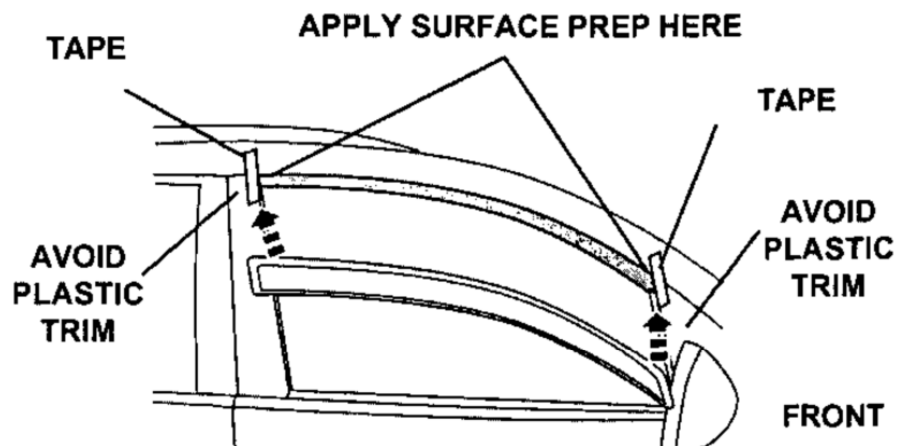
Installation Procedure (Vehicle Prep)

- Use the alcohol wipe to clean the tape land area



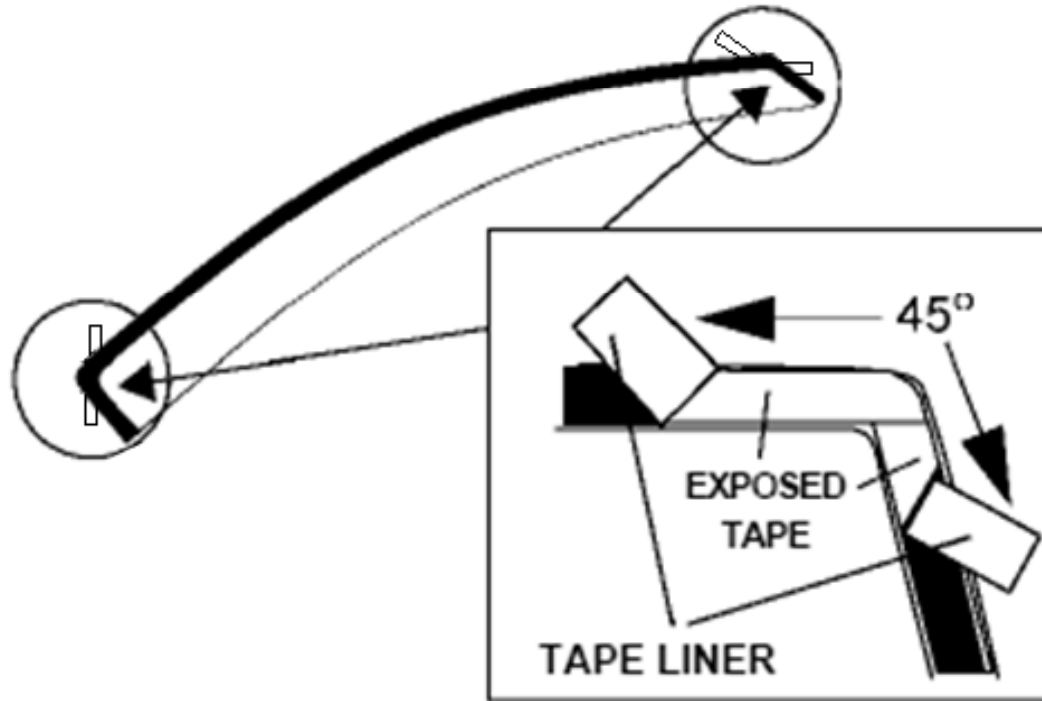
Installation Procedure (Vehicle Prep)

- When mounting to Rubber or Glass, apply Adhesion Promoter
 - Tape off area to prevent Adhesion Promoter from contacting surrounding surfaces
 - Allow the adhesion promoter to dry for a minimum of 5 minutes prior to install



Installation Procedure (tape liner prep)

- Expose 1/2 inch of tape from both ends

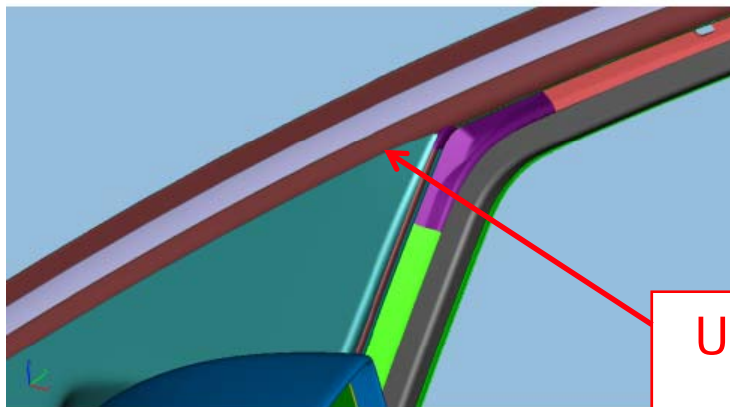
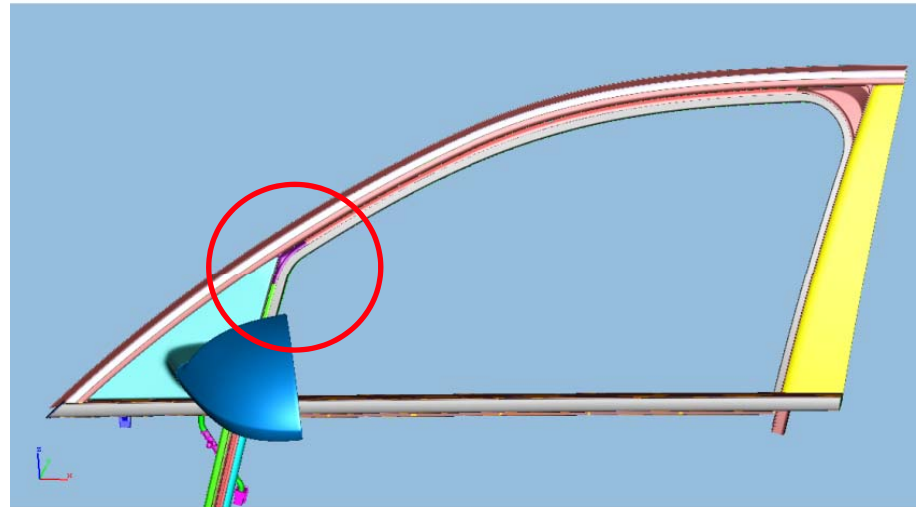


Note: Do not remove entire tape liner at this time

Installation Procedure (Up/Down Alignment)

Typically up/down position located to door feature lines

- Trim or Door Surface to Mirror patch

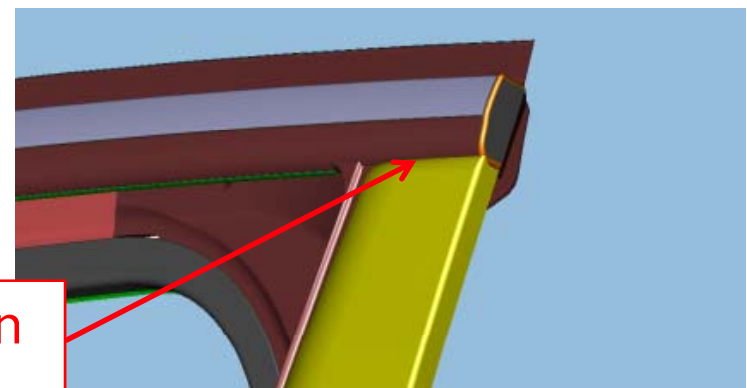
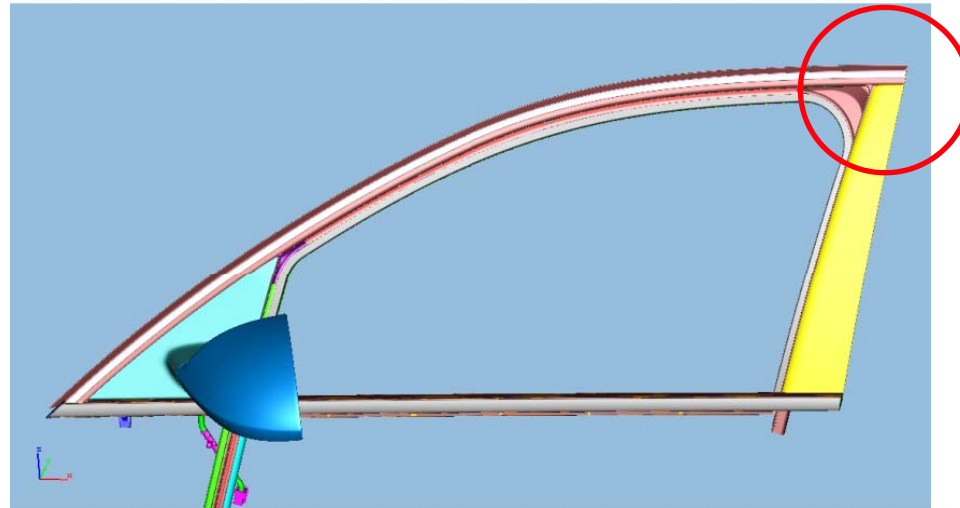


Up/Down
Locators

Installation Procedure (Up/Down Alignment)

Typically up/down position located to door feature lines

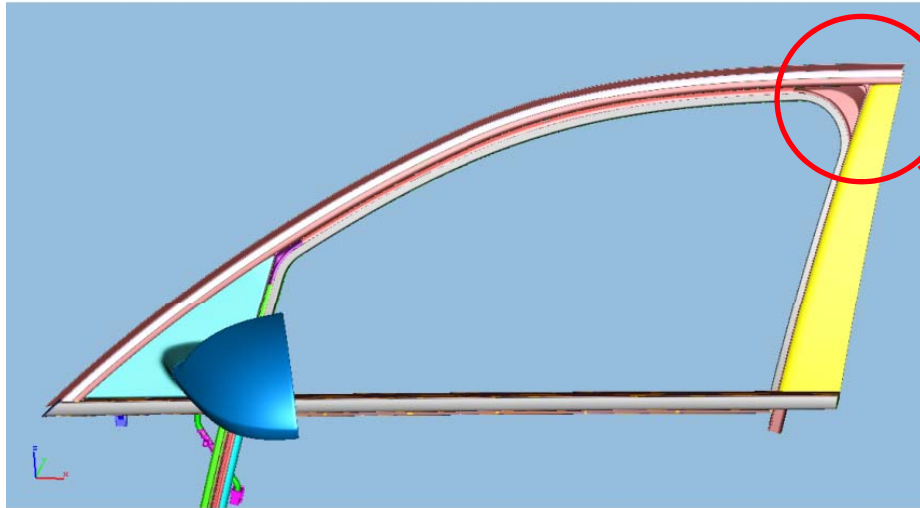
- Trim or Door Surface to Mirror patch
- Trim or Door Surface to Door Applique



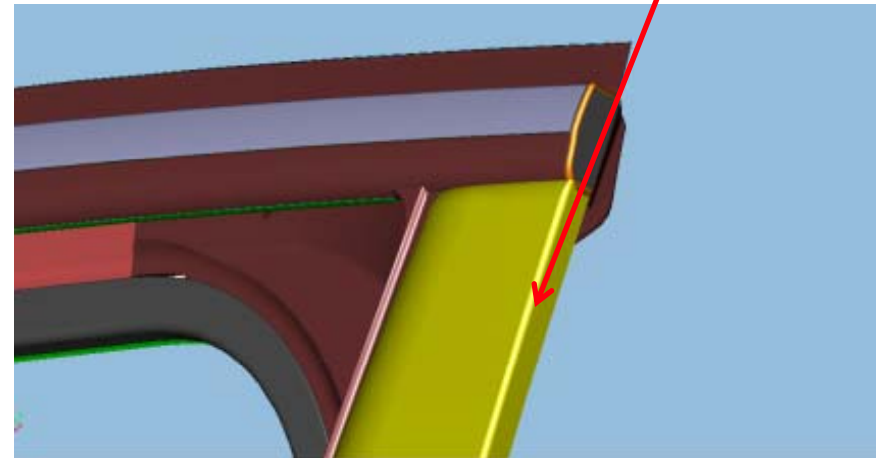
Up/Down
Locators

Installation Procedure (Fore/Aft Alignment)

1) Locate to Door Edge for fore/aft position



Typically 3-4 mm
forward of this
edge

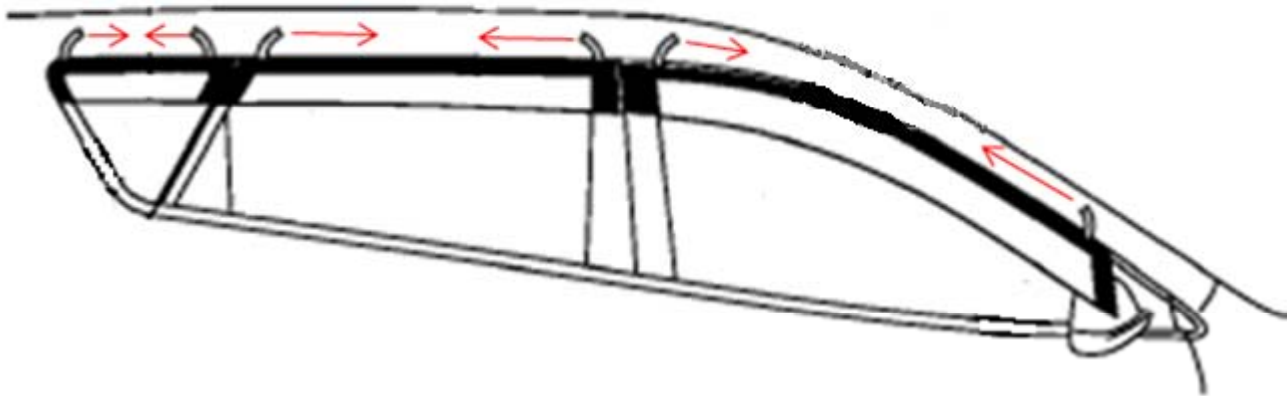


2) Press the exposed areas of tape against the trim and verify position

Note: Does not apply to all applications (GMT900)

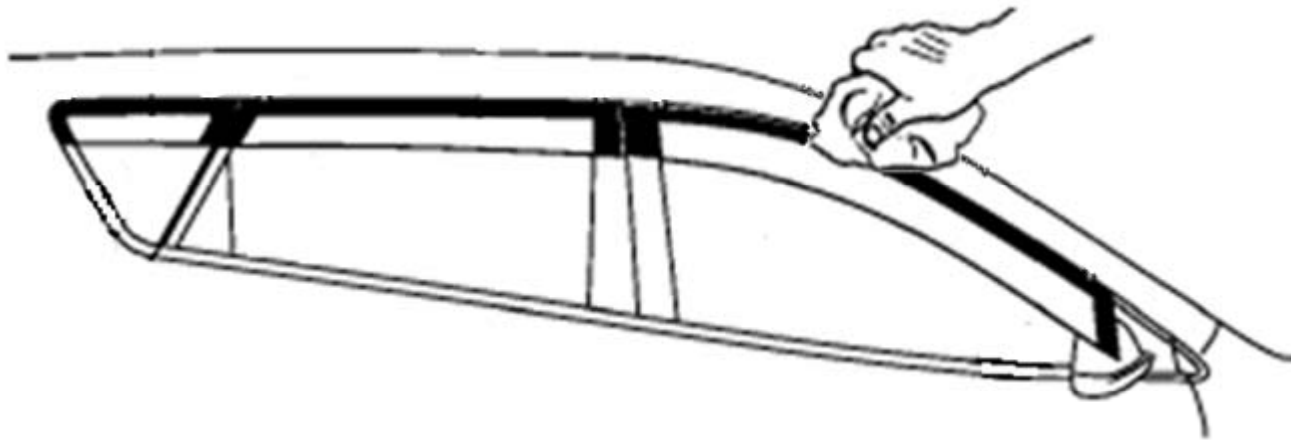
Installation Procedure (Liner Removal)

Remove tape liner by pulling on the free ends



Installation Procedure (Final)

Apply 20 to 30 pounds of pressure with a soft cloth 3-4 times

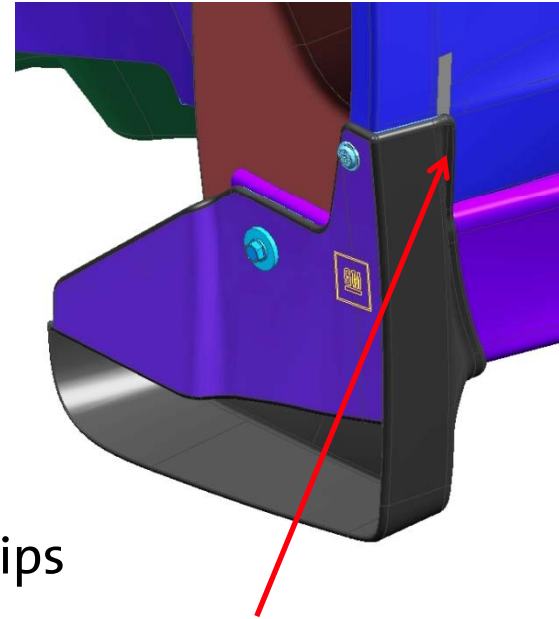
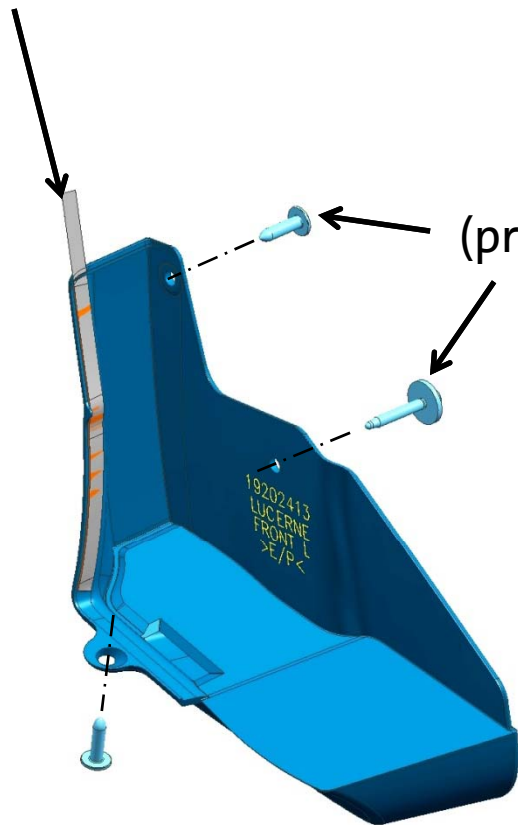


Questions about Side Window Deflector Installation?

Typical Splash Guard Package

Adhesive tape

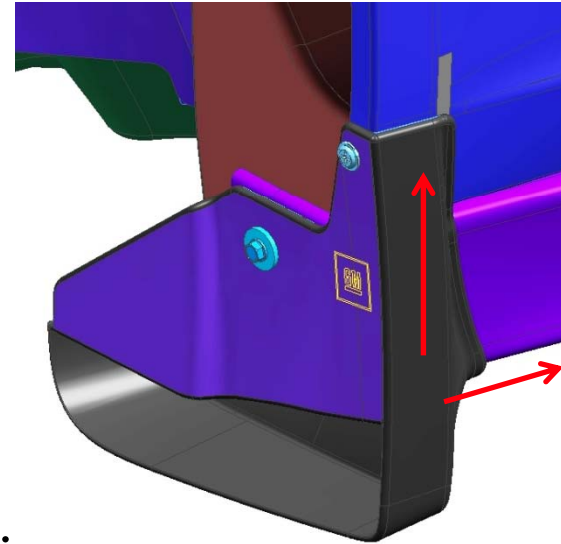
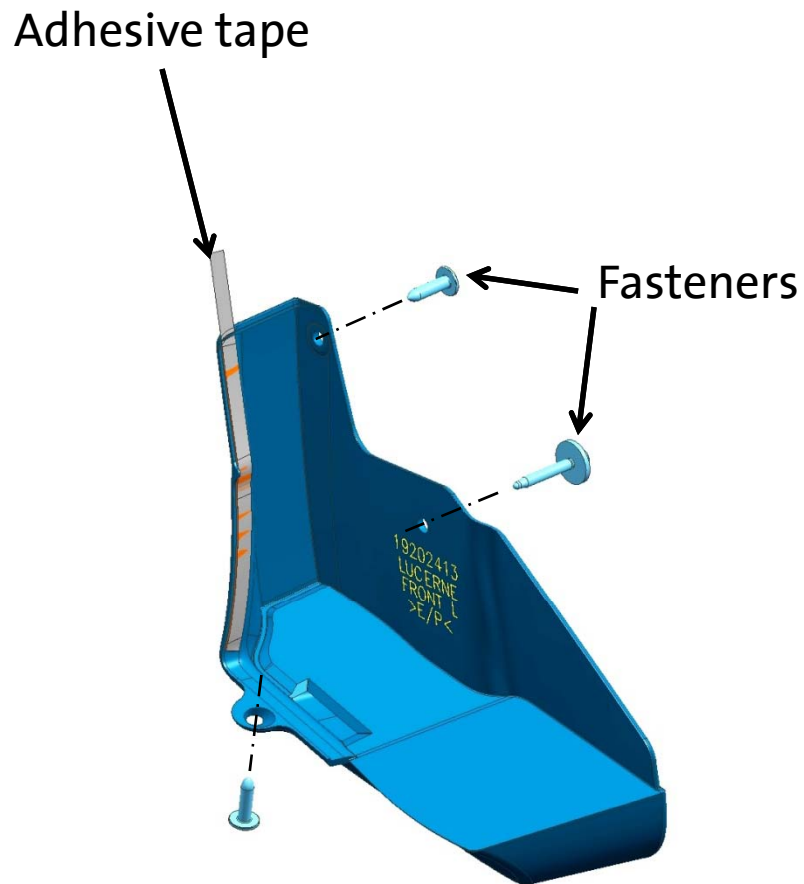
Fasteners
(primary locator)



Installation Tips

- Slightly pull top edge of the Guard away from vehicle to start tape liner removal.

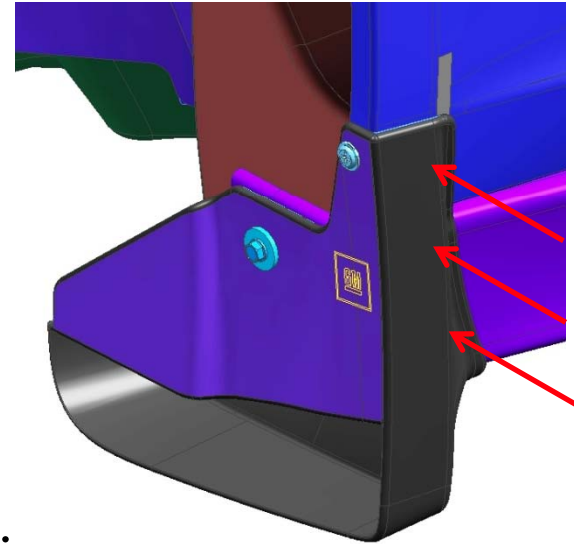
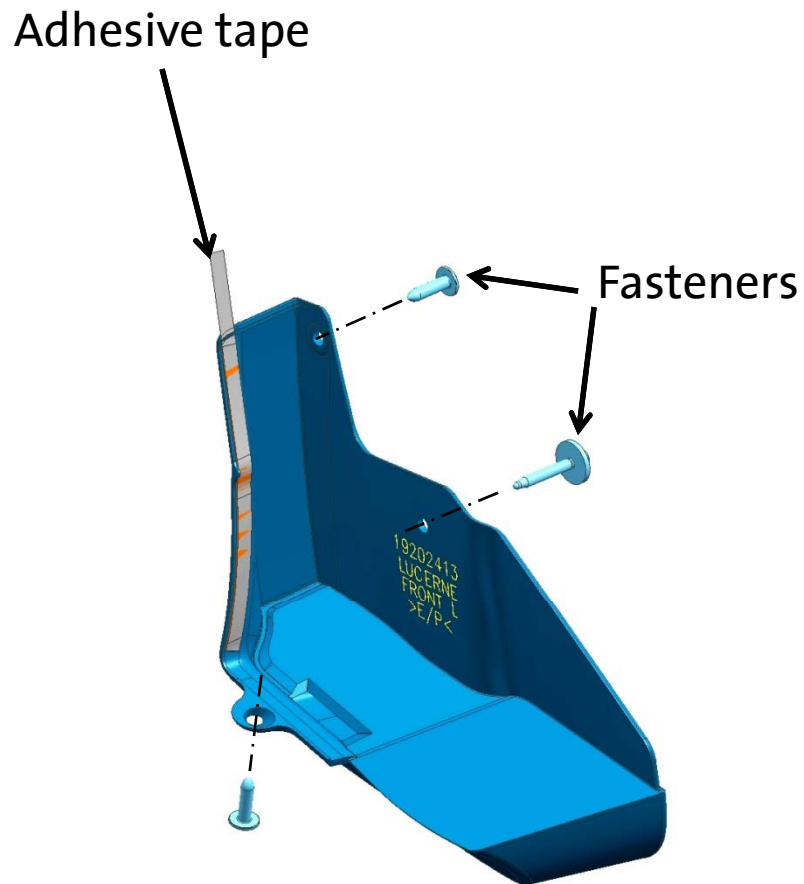
Typical Splash Guard Package



Installation Tips

- Slightly pull top edge of the Guard away from vehicle to start tape liner removal.
- Push Guard up and rearward to maintain its position while removing tape liner.

Typical Splash Guard Package



Installation Tips

- Slightly pull top edge of the Guard away from vehicle to start tape liner removal.
- Push Guard up and rearward to maintain its position while removing tape liner.
- Apply 20-30 lbs of pressure to tape flange

Questions on Splash Guard Installation Process?

Specific Vehicle Applications

GMT900

Equinox

Impala

GMT900

- Frt mounts directly to painted surface and mirror patch
- Rear mounts directly to painted surface
- Majority of warranty returns indicate mis-alignment



GMT900



Tape flange adheres to painted surface.

Tape flange adheres to mirror base.

GMT 900 – Front U/D Locator



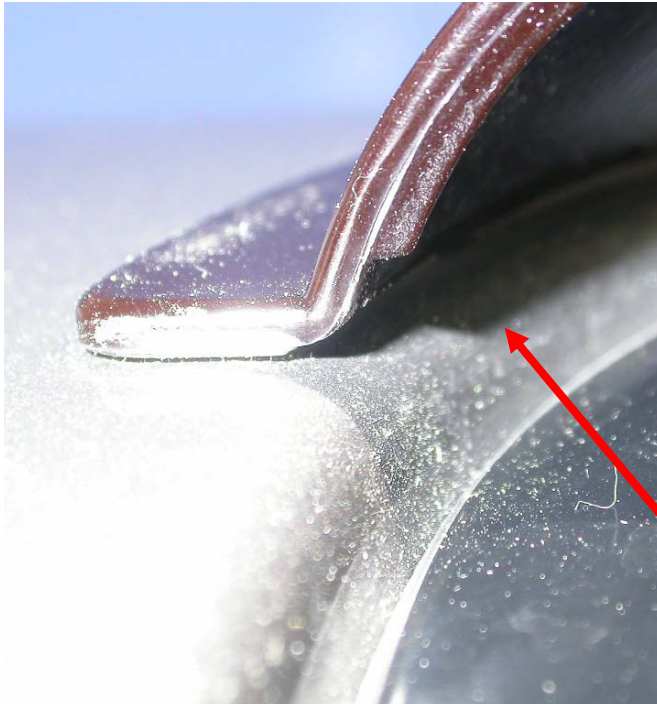
GMT 900

Use door frame for up/down
position towards rear



GMT 900

Rear



Front



Use thumb to
ensure exposed
rolled edge is
consistent from
front to rear.

GMT 900 (Rear Deflector)

Rear Deflector mounts
entirely on painted surface



Use front deflector to help
align the rear deflector.
Follow same locating
guidelines referred to in
previous slides.



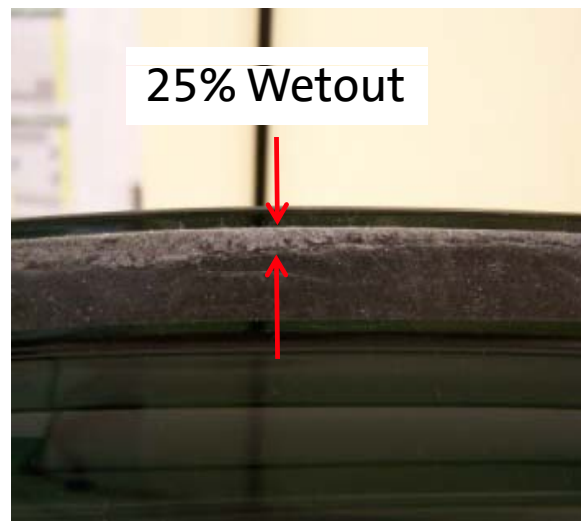
GMT900

- Warranty returns indicating mis-alignment

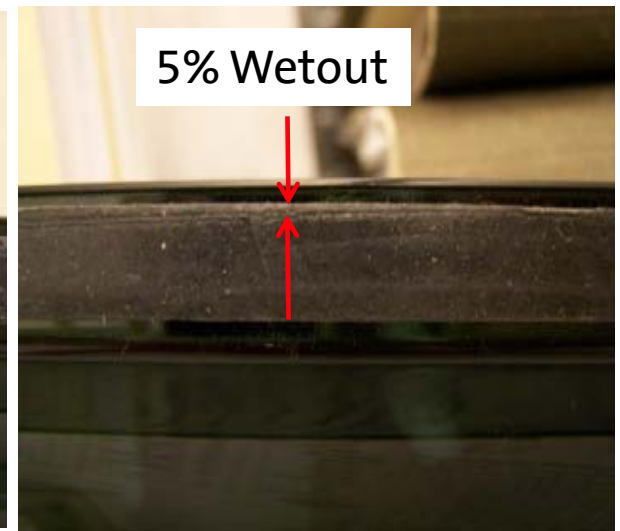
Frt



Middle



Rear



Equinox/Torrent

- Difficult alignment at mirror patch
- Mounts to rubber molding – Requires Adhesion Promoter



Equinox/Torrent (Front)



Mounts to Mirror Patch & Rubber Molding



Equinox/Torrent (Front)



Ensure SWD is
positioned
over corner of
Mirror patch

Equinox/Torrent

- Mirror Patch Gap



Equinox/Torrent (B/pillar)



Mounts to Mirror Rubber Molding & Pillar Applique



Equinox/Torrent (Rear)



Mounts to Rubber Molding



Impala

- Attaches to Chrome Molding, Mirror Patch & B/Pillar applique
- Top edge of SWD locates above Chrome Edge
 - Confusion about how to align SWD
 - Chrome Trim Edge or
 - Door Applique Feature Line



Impala (Front)



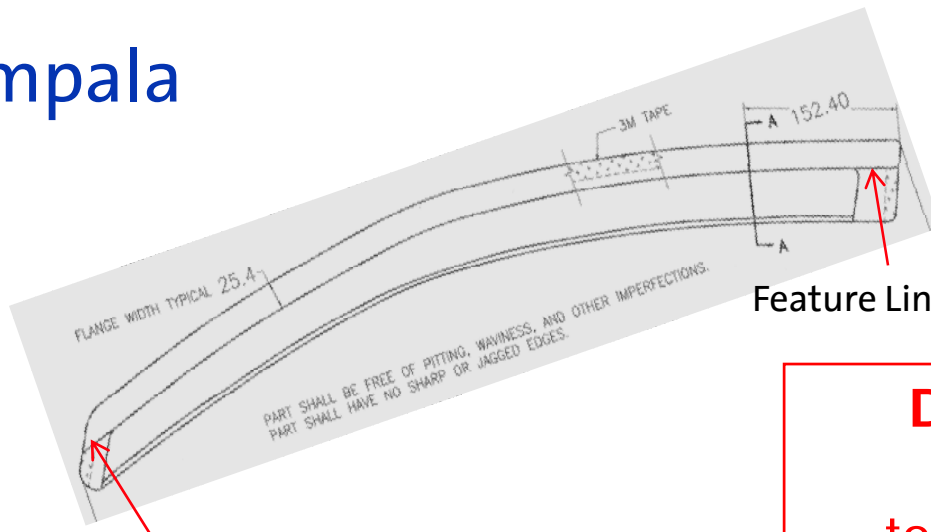
Locate up/down
to feature line

Impala (Front)

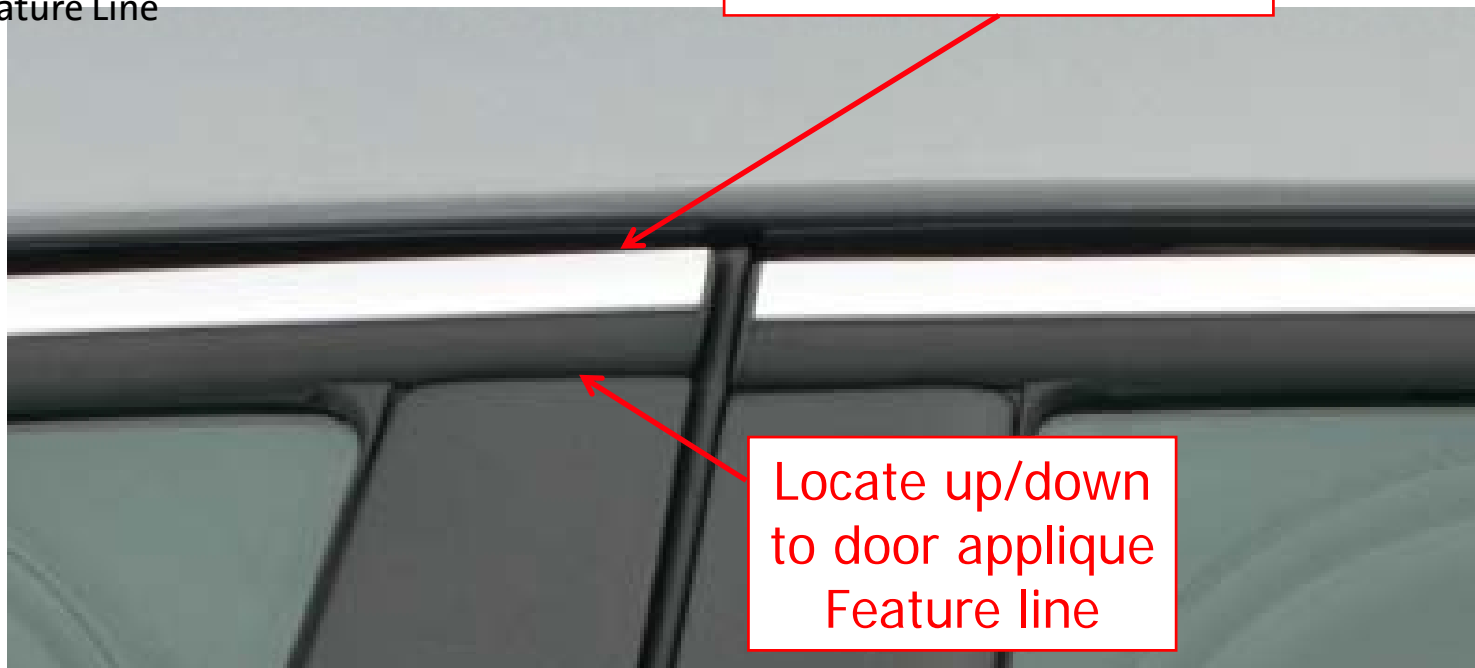


Locate up/down
to feature line

Impala



Don't locate
up/down
to chrome trim



Wrap Up (Top 5 things to remember)

- Ensure vehicle/parts are 60 – 80 F
- Properly clean surface prior to installation
 - Alcohol wipes
 - Adhesion promoter (rubber & glass surface)
- Trial fit parts before tape liner removal
 - Don't remove entire liner before installing parts
- Apply sufficient pressure to tape flange
- Wash vehicle prior to installing parts