



West Virginia Purchasing Division

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Header

List View

General Information [Contact](#) [Default Values](#) [Discount](#) [Document Information](#)

Procurement Folder: 170033

SO Doc Code: CRFQ

Procurement Type: Central Master Agreement

SO Dept: 0612

Vendor ID: 000000215927

SO Doc ID: DPS1600000005

Legal Name: LEONARD BLDG & TRUCK ACCESSORIES

Published Date: 2/16/16

Alias/DBA:

Close Date: 3/8/16

Total Bid: \$175,900.00

Close Time: 13:30

Response Date: 03/07/2016

Status: Closed

Response Time: 15:23

Solicitation Description: Open-End Contract for Push Bars for WV State Police

Total of Header Attachments: 0

Total of All Attachments: 0



Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

**State of West Virginia
 Solicitation Response**

Proc Folder : 170033

Solicitation Description : Open-End Contract for Push Bars for WV State Police

Proc Type : Central Master Agreement

Date issued	Solicitation Closes	Solicitation No	Version
	2016-03-08 13:30:00	SR 0612 ESR03071600000004110	1

VENDOR

000000215927

LEONARD BLDG & TRUCK ACCESSORIES

FOR INFORMATION CONTACT THE BUYER

Tara Lyle
 (304) 558-2544
 tara.l.lyle@wv.gov

Signature X FEIN # DATE

All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Push Bumper Interceptor Sedan	100.00000	EA	\$252.000000	\$25,200.00

Comm Code	Manufacturer	Specification	Model #
73161605			

Extended Description : Ford Interceptor Sedan Westin Push Bumper Elite or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	Pit Bar Interceptor Sedan	100.00000	EA	\$281.900000	\$28,190.00

Comm Code	Manufacturer	Specification	Model #
73161605			

Extended Description : Ford Interceptor Sedan Westin Pit Bar Elite or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	Wing Wrap Interceptor Sedan	100.00000	EA	\$0.000000	\$0.00

Comm Code	Manufacturer	Specification	Model #
73161605			

Extended Description : Ford Interceptor Sedan Westin Wing Wrap Elite or equal.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
4	Push Bumper Interceptor Utility	200.00000	EA	\$330.650000	\$66,130.00

Comm Code	Manufacturer	Specification	Model #
73161605			

Extended Description : Ford Interceptor Utility Westin Push BUmper Elite or equal.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
5	Pit Bar Interceptor Utility	200.00000	EA	\$281.900000	\$56,380.00

Comm Code	Manufacturer	Specification	Model #
73161605			

Extended Description : Ford Interceptor Utility Westin Pit BAr Elite or equal.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
6	Wing Wrap Interceptor Utility	200.00000	EA	\$0.000000	\$0.00

Comm Code	Manufacturer	Specification	Model #
73161605			

Extended Description : Ford Interceptor Utility Westin Wing Wrap Elite or equal.

Improvement

Application Update

Notice

5000 Series-Road Defender

2016 Ford Interceptor Utility

Part No.	Product	Length	Width	Height	Weight	UPC Code
5342W	Wraparound Brush Guard (pair)	44 3/4"	14 1/2"	17"	35 1/2 LBS	887753105554
5342WHD	Heavy Duty Wraparound (pair)	53"	24 3/4"	13"	55 1/2 LBS	887753105561



5342W



5342WHD

Features and Benefits:

- Road Defender Series Wraparound Brush Guards offer front end protection from deer and other road hazards, Heavy Duty Wraparounds are a Dual Tube Design offering additional protection for pit maneuvers when combined with a Road Defender Series Push Bumper
- Fully welded 1-piece high grade steel plate and tubular construction provides optimal strength
- Durable black powder coat finish
- Will not interfere with SRS air bag system

Installation:

Bolt on mounting brackets utilize existing attachment points in vehicle
Installation requires drilling the bumper fascia for attachment

Construction:

MIG Welded 1-Piece Construction
1 1/4" - Round High Grade Steel Brush Guards
4 Gauge High Grade Steel Brush Guard Side mounting Plates

Brackets:

7Gauge High Grade Steel

SRS Air Bag Compatible:

Yes

Finish:

Powder Coat- Plus Zinc Phosphate

Hardware:

Grade 5 / Zinc-Plated Steel

Required Equipment:

Road Defender Push Bumper #5342 or 5343

Presented to Iddea California team by Peter Kekich

Raul Penunuri- Myriam Sanchez- Ben Ramirez- Louis Cervantes- Chuy Munoz
Lyndon Liti- Bob Gonzalez- Evan Medley- Paul Barnaby- Eric Quach- Dave Williams

Improvement

Application Update

Notice

5000 Series-Road Defender

2016 Ford Interceptor Utility

Part No.	Product				Weight	UPC Code
5342	Push Bumper				72 1/2 LBS	887753105226



Note: Auxiliary lighting and siren are not included.

Road Defender 5000 series push bumper for the 2016 Ford Interceptor Utility is designed to provide superior protection to the vehicles bumper and grille, and to safely move inoperative vehicles away from the road thus reducing traffic tie-ups and accidents.

Features & Benefits:

- Road Defender Series steel push bumpers provide superior bumper & grille protection
- Fully welded 1-piece construction provides optimal strength
- Cross-Plate pre-drilled for easy mounting of auxiliary lighting or additional equipment Increased light visibility and speaker volume
- Replaceable PVC push rail trim
- Will not interfere with SRS air bag system
- Durable black powder coat finish with a 5 year warranty
- Optional Wraparounds and HD Wraparounds offer additional protection from deer and other road hazards

Installation:

- Bolt on mounting brackets utilize existing attachment points in vehicle
- Installation requires notching the lower grille
- No drilling required
- Excludes EcoBoost models

Installation Instructions

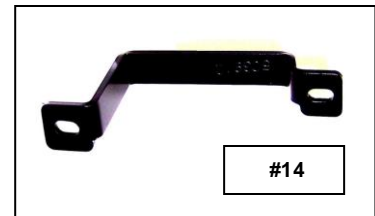
Road Defender Push Bumper Part #5039

2013 Ford Taurus Police Interceptor

Do not attempt to install this product on any vehicle other than the one listed above!

Parts List

Item	Qty.	Part #	Description	Torque
1	16		3/8" x 1" Hex Bolt	30 Ft. Lbs.
2	4		3/8" x 1" Carriage Head Bolt	30 Ft. Lbs.
3	20		3/8" Lock Washer	
4	20		3/8" Hex Nut	30 Ft. Lbs.
5	2	378312	1/2" Bolt Plate	
6	2		1/2" Lock Washer	
7	2		1/2" Hex Nut	65 Ft. Lbs.
8	1	AST-TU68	Wire Bolt Guide	
9	1	5039	Push Bumper Assembly	
10	1	503921	Driver Side Main Bracket	
11	1	503922	Passenger Side Main Bracket	
12	2	503925	Main Bracket Spacer	
13	1	503911	Driver Side Clamp Bracket	
14	1	503912	Passenger Side Clamp Bracket	
15	1	503931	Driver Side Upper Extension Bracket	
16	1	503932	Passenger Side Upper Extension Bracket	
17	1	503951	Driver Side Lower Extension Bracket	
18	1	503952	Passenger Side Lower Extension Bracket	



Tool Required:

5.5mm, 8mm, 10mm, 9/16" & 3/4" Socket
 9/16" Wrench
 Philips & Slotted Tip Screw Driver
 Ratchet & Ratchet Extension
 Jig Saw or Dremel Tool
 Tape Rule

Approximate installation time: 45 min

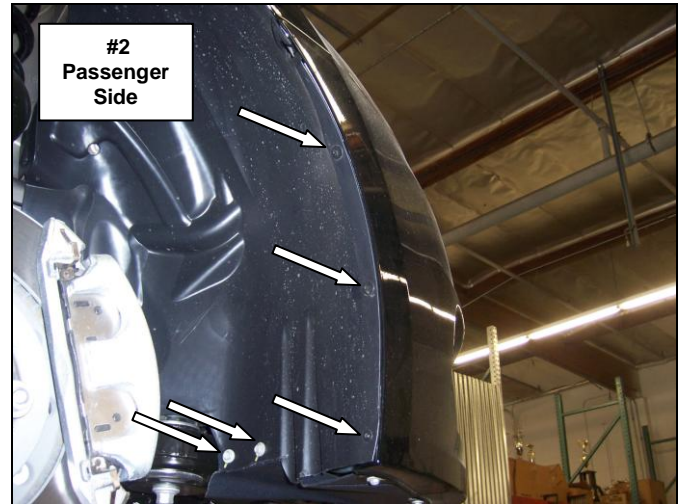
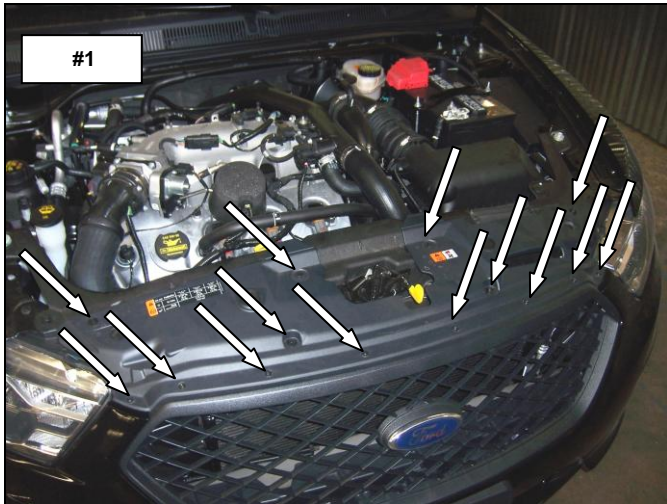
Read the installation instructions completely and verify that all of the parts listed are accounted for. If you have defective, missing or damaged parts or need assistance, please contact *Go Rhino Products* for fast, friendly customer service at: 1-888-427-4466 or email: warranty@gorhino.com

Front Bumper Fascia Removal

Step-1 Open the hood, locate and remove the (8) Phillips screws, (4) 10mm head screws and (2) plastic fasteners securing the radiator cover and bumper fascia to the radiator support. **Picture #1**

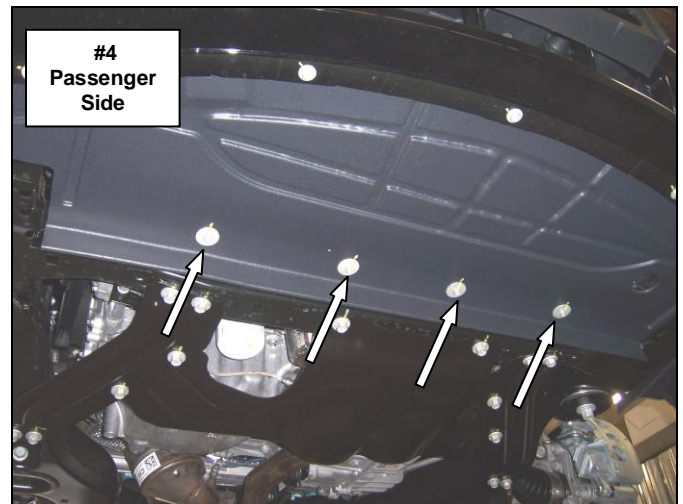
Remove the radiator cover from the vehicle.

Step-2 On each side, remove (1) Phillips screw, (2) 5.5mm head screws and (2) 10mm head screws attaching the fender liner to the fascia. **Picture #2**



Step-3 Pull back the fender liner and remove the Phillips screw and plastic fastener attaching the fascia to the fender. **Picture #3**

Step-4 Remove the (4) 8mm head screws attaching the rear of the splash shield to the radiator support. **Picture #4**



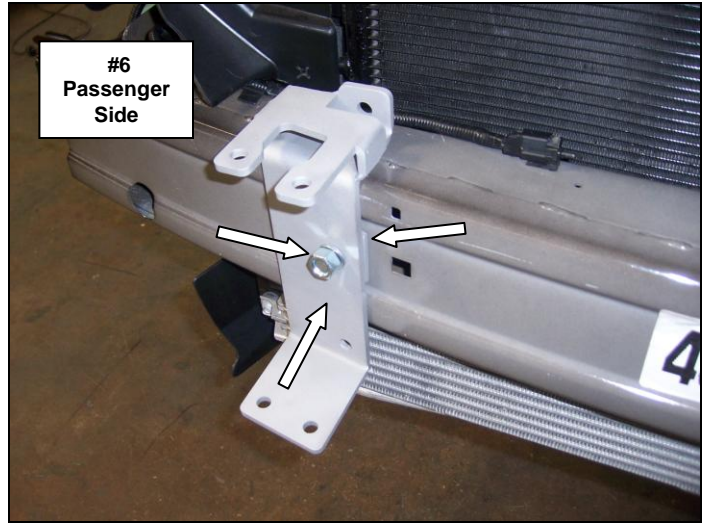
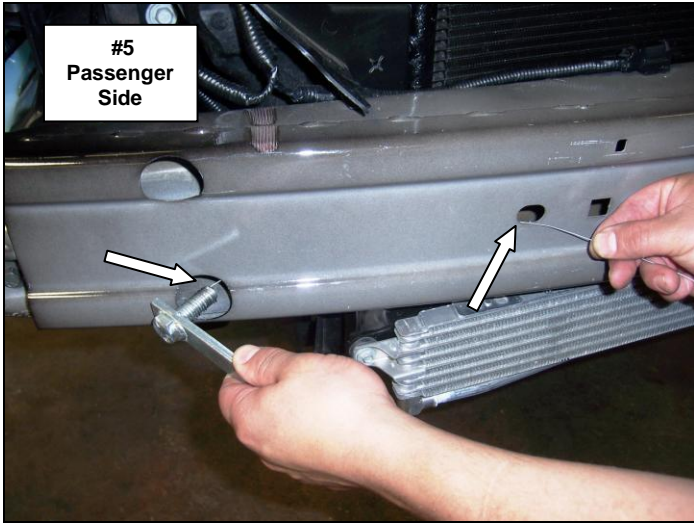
Step-5 With assistance pull out on the sides to release the corners of the bumper fascia and forward to remove it from the vehicle.

Push Bumper Installation

Step-1 Beginning with the passenger side, install (1) 1/2" bolt plate in the outer hole in the face of the steel impact beam using the supplied wire guide. **Picture #5**

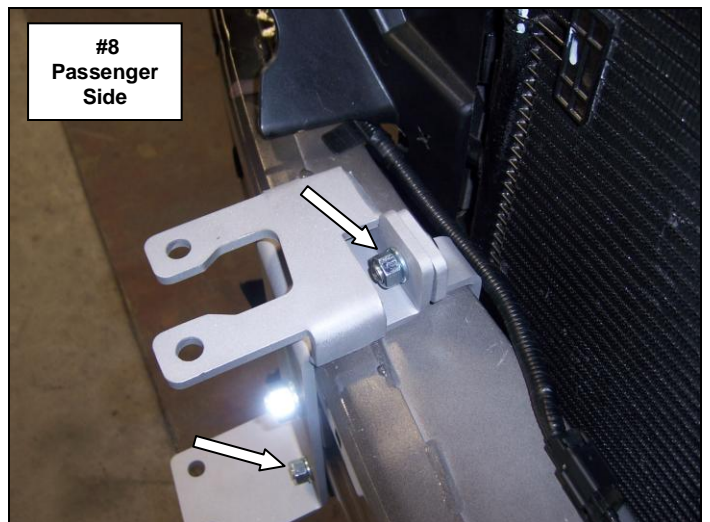
Step-2 Position (1) spacer plate and the passenger side main bracket over the bolt plate, and secure the spacer plate and main bracket to the impact beam using (1) 1/2" lock washer and (1) 1/2" hex nut. Leave the nut loose for final adjustment. **Picture #6**

Repeat the above steps for the driver side.

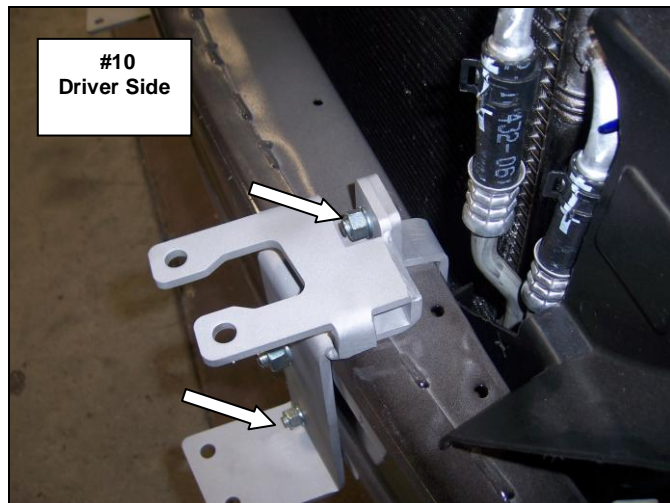
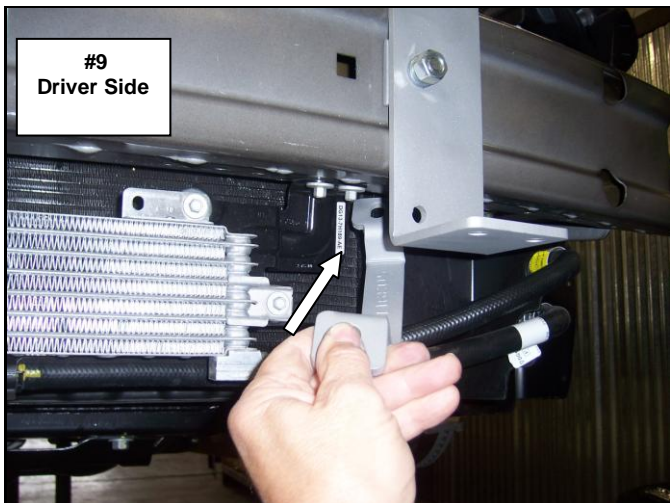


Step-3 Insert the top of the passenger side clamp bracket through the gap between the impact beam and auxiliary cooler, and then rotate the bracket into position. Slide the bracket to the left and align the holes in the clamp bracket with the main bracket. Secure the clamp bracket to the main bracket using (2) 3/8" x 1" carriage bolts, (2) 3/8" lock washers and (2) 3/8" hex nuts. **Picture #7 & #8** Leave the nuts and bolts loose for final adjustment.

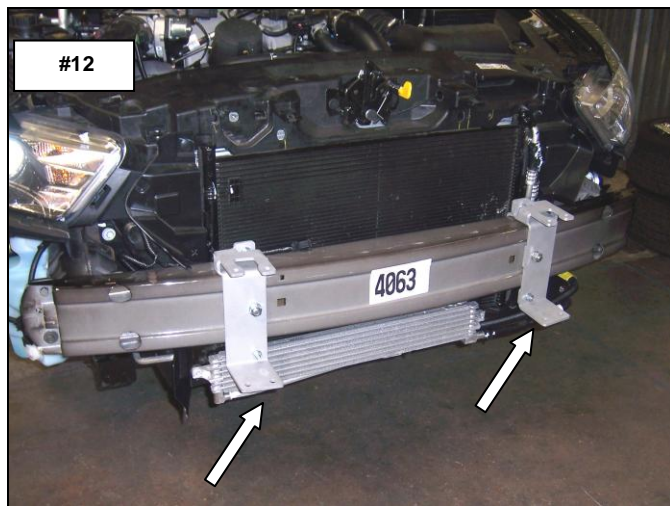
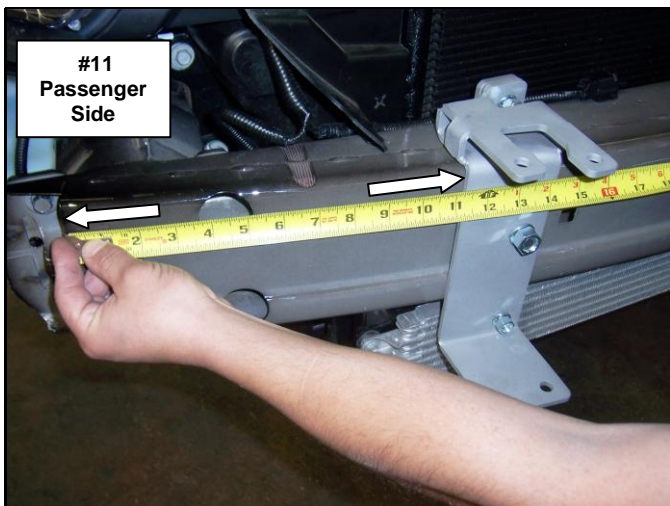
Note: Position the wiring harness behind the clamp bracket.



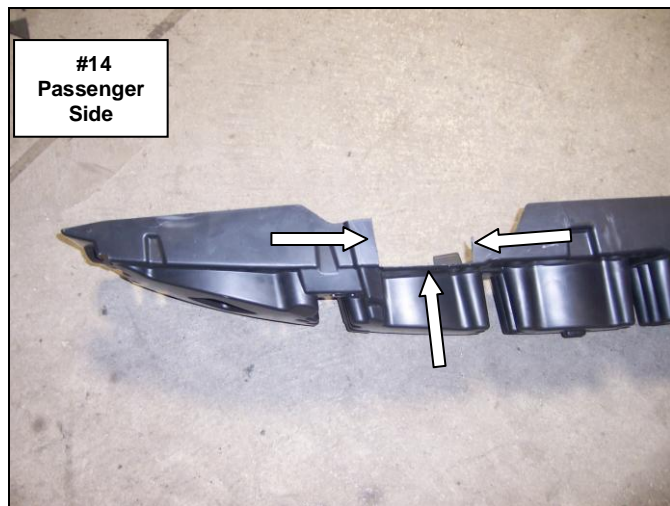
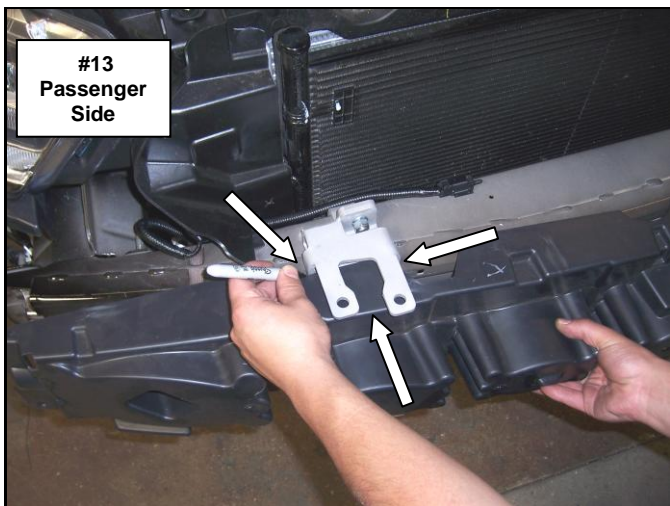
Step-4 Position the driver side clamp bracket behind the impact beam and align the holes in the clamp bracket with the driver side main bracket. Secure the clamp bracket to the main bracket using (2) 3/8" x 1" carriage bolts, (2) 3/8" lock washers and (2) 3/8" hex nuts. **Picture #9 & #10** Leave the nuts and bolts loose for final adjustment.



Step-5 Position the top and bottom edge of the passenger side main bracket approximately 11 1/4" from the end of the impact beam and tighten the main and clamp bracket assembly nuts and bolts. Repeat this step for the driver side. **Picture #11 & #12**

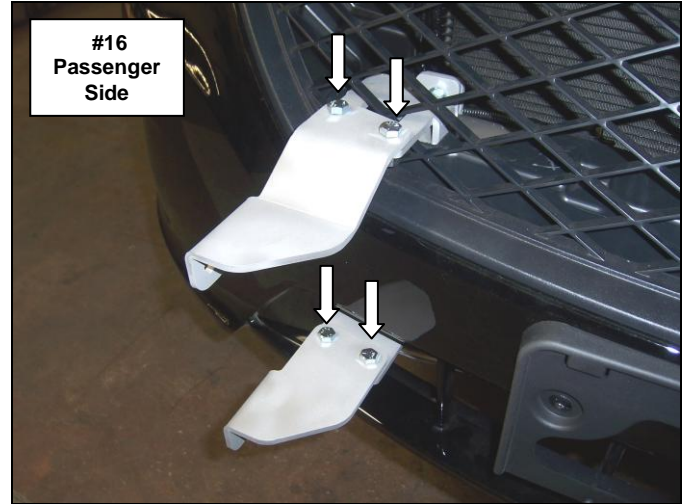


Step-6 The bumper insulator must be notched (top and bottom) to properly fit around the main brackets. Remove the insulator from the bumper fascia and position the insulator up to the bumper and mark the main bracket locations. Notch the insulator and check fit by returning the insulator to the impact beam until the proper fit is achieved. **Picture #13 & #14**

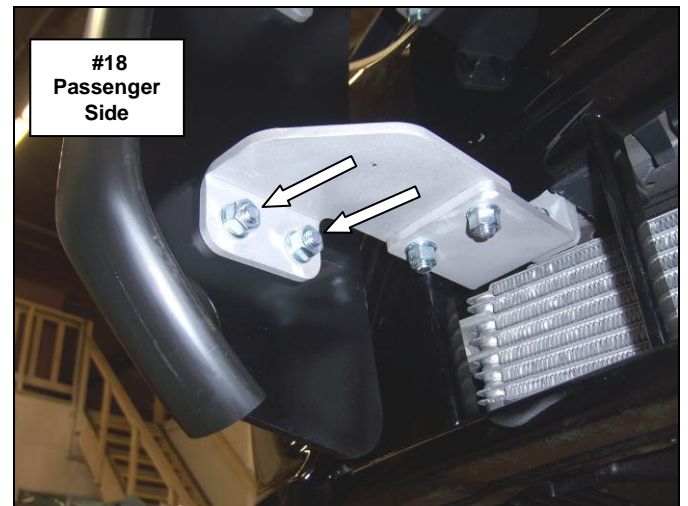


Step-7 Reinstall the bumper insulator to the fascia and bumper fascia to the vehicle. **Picture #15**

Step-8 Attach the passenger side upper and lower extension brackets to the main bracket using (2) 3/8" x 1" hex bolts, (2) 3/8" lock washers and (2) 3/8" hex nuts. **Picture #16** Leave the nuts and bolts loose for final adjustment. Repeat this step for the driver side.



Step-9 Attach the push bumper to each of the extension brackets using (2) 3/8" x 1" hex bolts, (2) 3/8" lock washers and (2) 3/8" hex nuts. Leave the nuts and bolts loose for final adjustment. **Picture #17 & #18**



Step-10 Align the push bumper with the vehicle and tighten all nuts and bolts. **Picture #19 & #20**



Installation Instructions

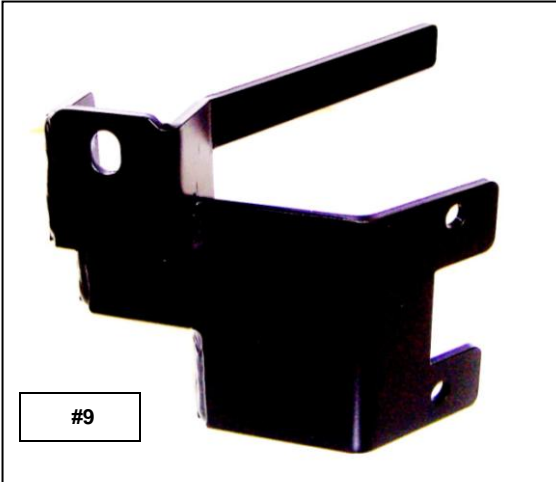
Road Defender Brush Guards Part # 5039WHD

2013 - 2014 Ford Police Interceptor Sedan

Do not attempt to install this product on any vehicle other than the one listed above!

Parts List

Item	Qty.	Part #	Description	Torque
1	10		3/8" x 1 1/4" Hex Bolt	30 Ft. Lbs.
2	10		3/8" Lock Washer	
3	8		3/8" Hex Nut	30 Ft. Lbs.
4	2	10701AA	3/8" Nut Plate	
5	2	ASH-HS01	Finishing Cap	
6	1	5039WHD	Driver Side Brush Guard	
7	1	503961-B	Driver Side bracket	
8	1	5039WHD	Passenger Side Brush Guard	
9	1	503962-B	Passenger Side Bracket	



Tool Required:
 13mm & 9/16" Socket
 9/16" Wrench
 Ratchet & Ratchet Extension
 Drill Motor
 7/16" Drill Bit

Approximate installation time: 45 min

Read the installation instructions completely and verify that all of the parts listed are accounted for. If you have defective, missing or damaged parts or need assistance, please contact *Go Rhino Products* for fast, friendly customer service at: 1-888-427-4466 or email: warranty@gorhino.com

Installation

Step-1 Refer to the installation instructions included with the push bumper (#5039) to remove the bumper fascia and install the push bumper main brackets. **Picture #1 & #2**

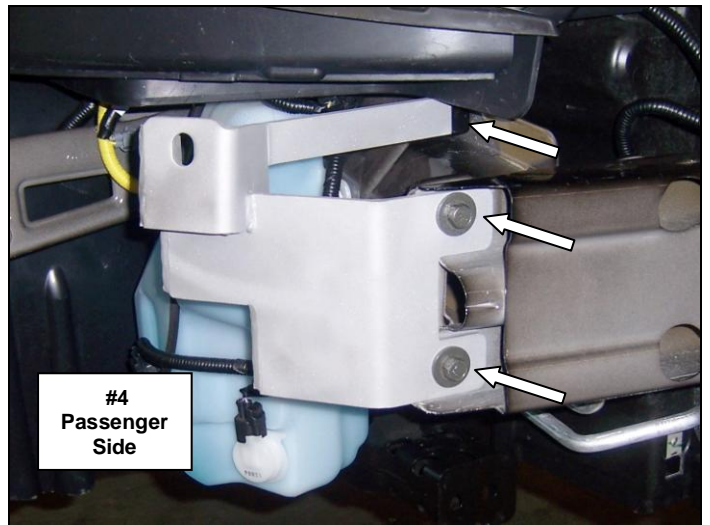
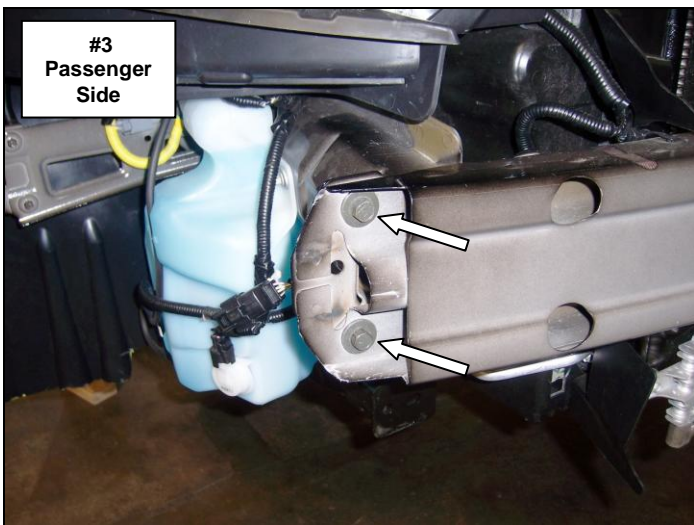


Step-2 Beginning with the passenger side, remove the (2) 13mm head bolts securing the end of the steel impact beam to the frame. **Picture #3**

Step-3 Install the passenger side brush guard bracket by positioning the bracket flanges inside the opening at the end of the impact beam, align the holes in the bracket with the threaded inserts in the frame and secure the bracket and impact beam to the frame using the factory bolts. **Picture #4**

Note: Install a finishing cap on the end of the bracket extension where it contacts the frame seam.

Repeat the above steps to install the driver side brush guard bracket.



Step-4 Refer to the installation instructions included with the push bumper (#5039) to notch the bumper insulator and complete the push bumper bracket installation. **Picture #5**

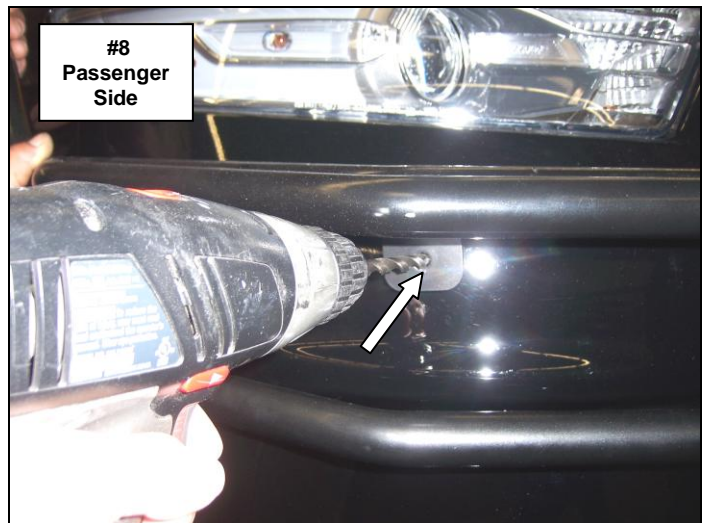
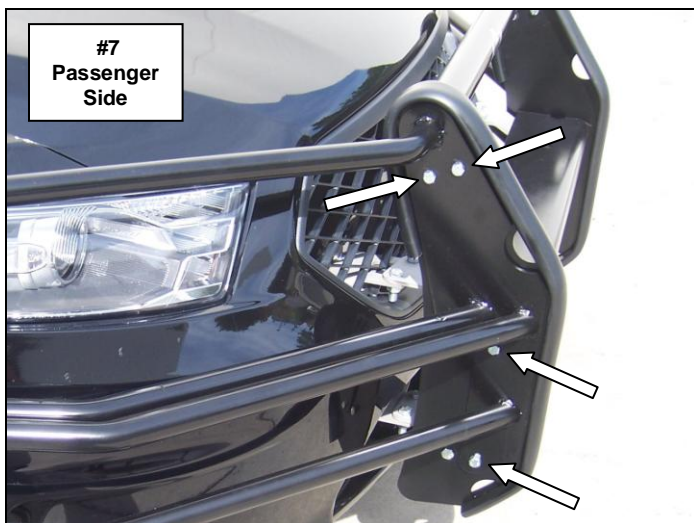
Step-5 Attach the push bumper to the rear hole in each of the extension brackets using (1) 3/8" x 1" hex bolt, (1) 3/8" lock washer and (1) 3/8" hex nut. **Picture #6** Leave the nuts and bolts loose for final adjustment.



Step-6 Attach the passenger side brush guard to the push bumper using (4) 3/8" x 1 1/4" hex bolts, (4) 3/8" lock washers and (4) 3/8" hex nuts. **Picture #7** Leave the nuts and bolts loose for final adjustment.

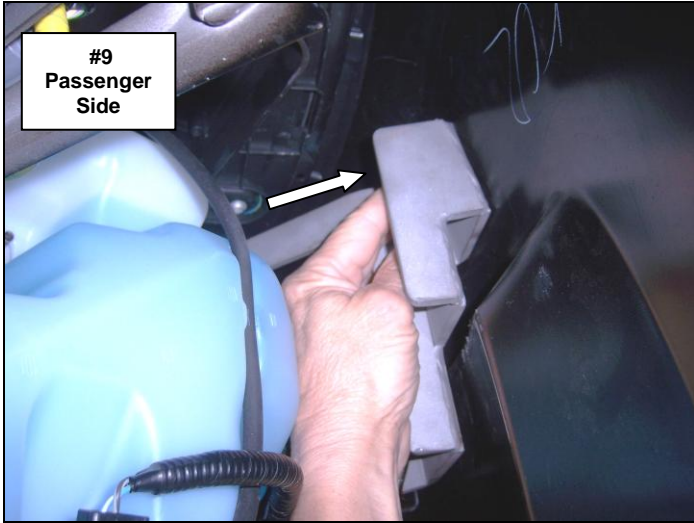
Step-7 Position the brush guard mounting tab against the bumper fascia, use the hole in the mounting tab as a guide and drill a 7/16" hole through the bumper fascia. **Picture #8**

Note: It may be necessary to drill through the brush guard bracket to align the mounting tab and brush guard bracket holes.



Step-8 From Behind the bumper fascia, Position (1) 3/8" nut plate inside the channel of the brush guard bracket and secure the passenger side brush guard to the bumper fascia and bracket using the nut plate, (1) 3/8" x 1 1/4" hex bolt and (1) 3/8" lock washer. **Picture #9 & #10**

Repeat the above steps to install the driver side brush guard.



Step-9 Align the push bumper and brush guard assembly with the vehicle and tighten all nuts and bolts. Remember to check and retighten the nuts and bolts periodically.



Front Bumper Fascia Removal

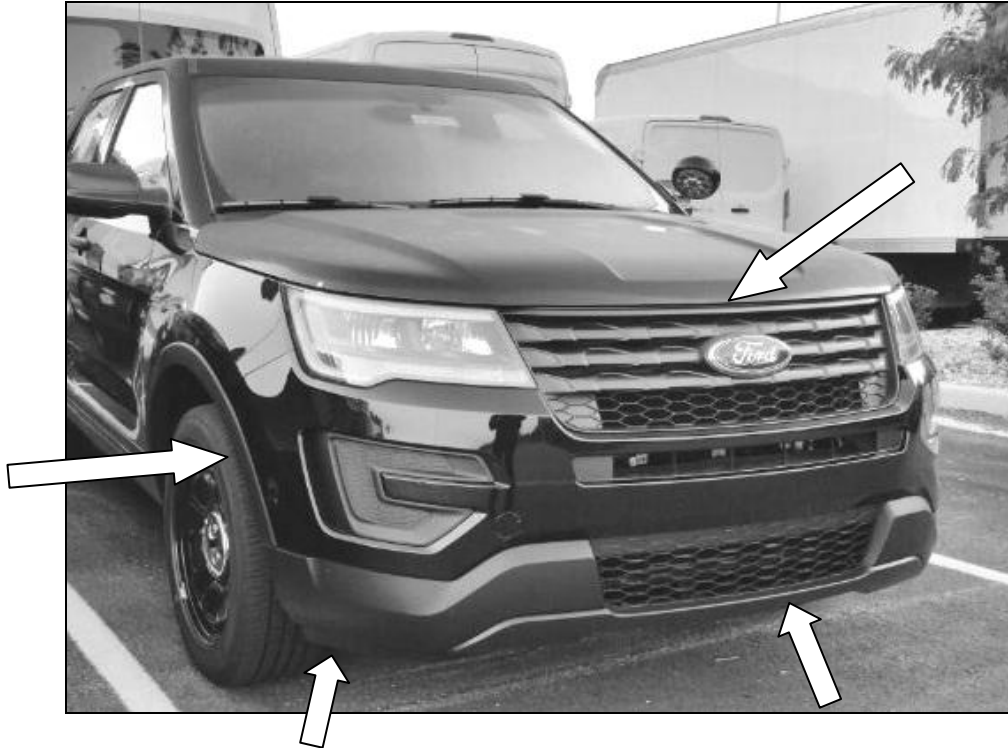
Step-1 Open the hood, locate and remove the plastic connectors securing the radiator cover and hex bolts securing the top of the front bumper fascia.

Step-2 On each side, remove the screws securing the fender liner and fender molding to the front bumper fascia. Pull the fender liner back to expose and remove the bolts securing the front bumper fascia to the front fender.

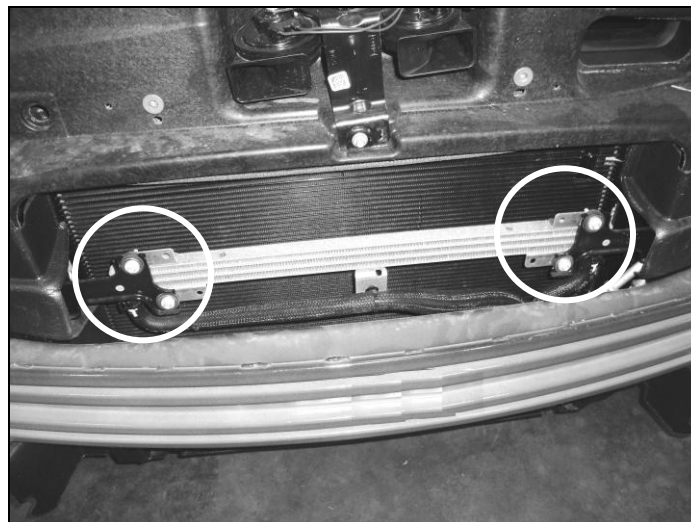
Step-3 On each side remove the screws securing the fender liner to the bottom of the front bumper fascia.

Step-4 Remove the bolts securing the bottom center of the front bumper fascia to the core support.

Step-5 With assistance pull out on the sides to release the corners of the front bumper fascia and forward to remove it from the vehicle. **Note:** Unplug the fog lights if equipped.



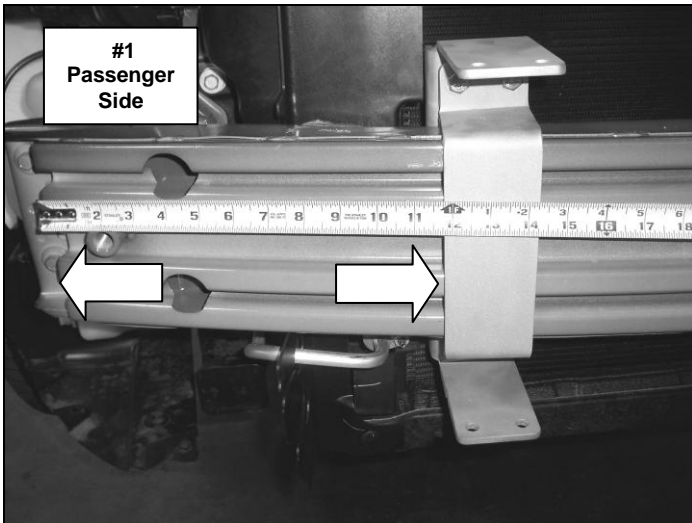
Step-6 Remove the (4) hex bolts securing the oil cooler, to allow access for placement of the main brackets behind the impact beam.



Push Bumper Installation

Step-1 Remove the (4) hex bolts securing the oil cooler, to allow access for placement of the main brackets behind the impact beam.

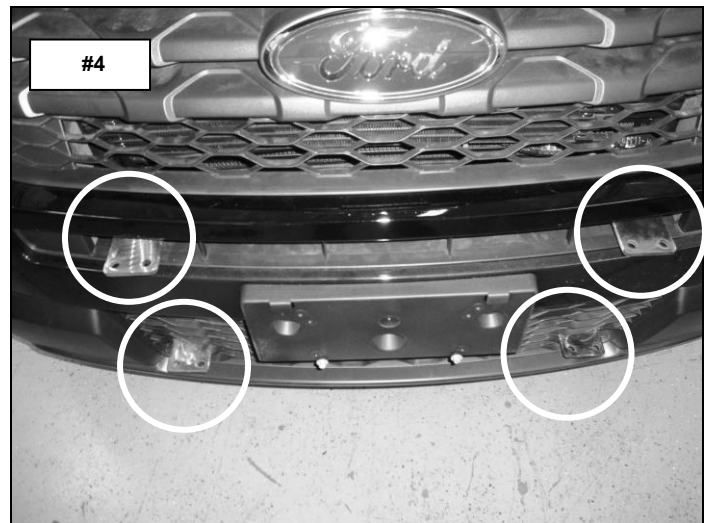
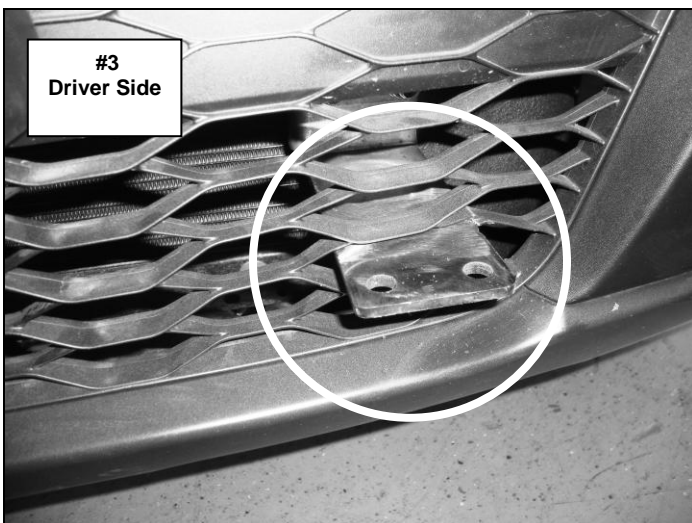
Step-2 Beginning with the passenger side, assemble and attach one of the main and clamp brackets to the steel impact beam using (4) 3/8" X 1" hex bolts, (4) 3/8" lock washer and (4) 3/8" hex nuts. Position the top and bottom edge of the bracket assembly approximately 11 3/4" from the end of the impact beam and tighten the nuts and bolts, (Photo 1 & 2). Repeat this step for the driver side.



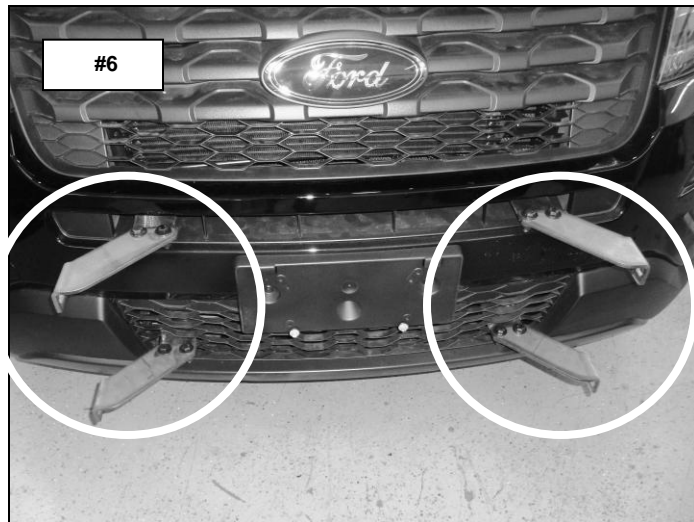
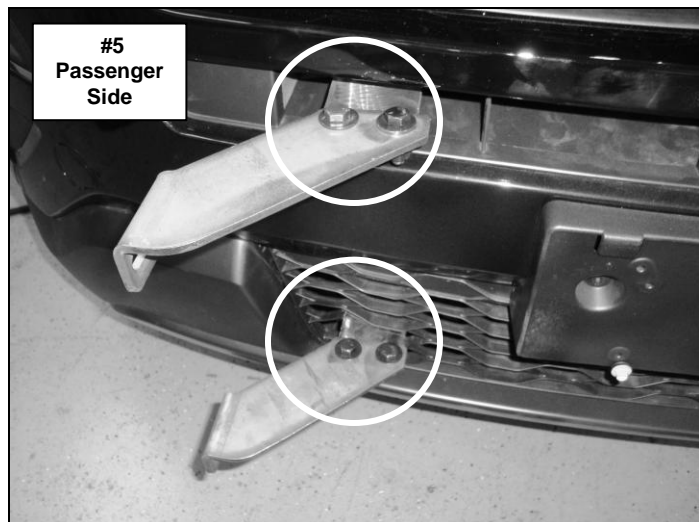
Step-4 Reinstall the oil cooler using the factory bolts.

Step-5 A section of webbing in each side of the lower grille must be cut out for the lower leg of the main brackets to extend through. Re-position the fascia on the vehicle, then cut and remove the webbing from each side of the lower grille as shown, (Photo 3).

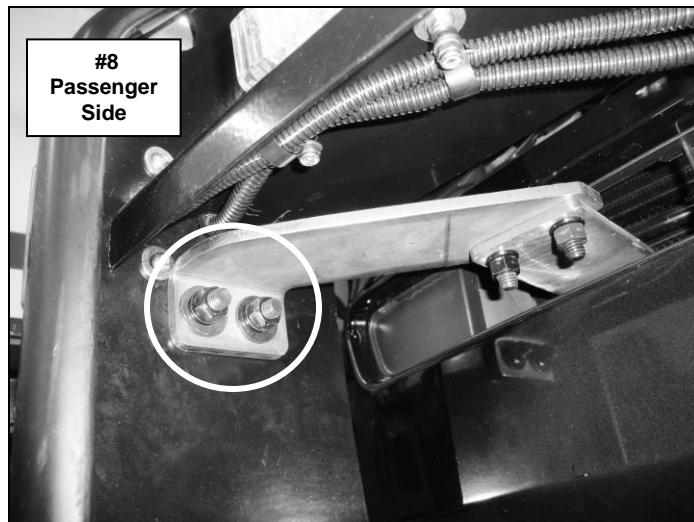
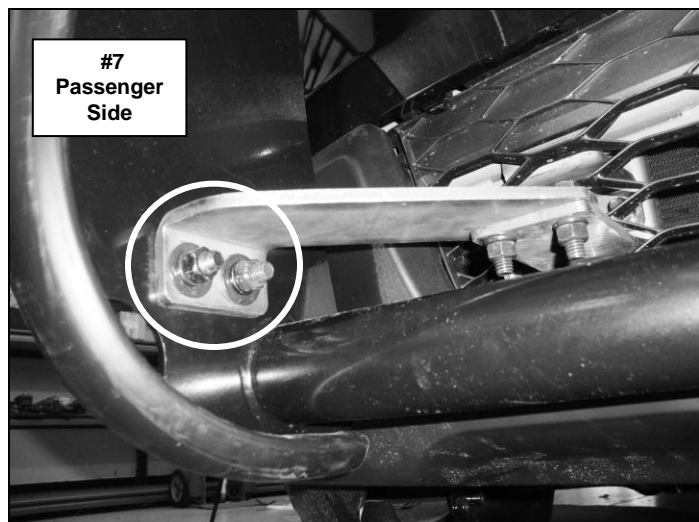
Step-6 Reinstall the front bumper fascia reversing the above steps, and that the main bracket protrude through the fascia, (Photo 4).



Step-7 Attach each of the passenger side extension brackets to the main bracket using (2) 3/8" x 1" hex bolts, (2) 3/8" lock washers and (2) 3/8" hex nuts, (Photo 5). Leave the nuts and bolts loose for final adjustment. Repeat this step for the driver side, (Photo 6).



Step-8 Attach the push bumper to each of the extension brackets using (2) 3/8" x 1" hex bolts, (2) 3/8" lock washers and (2) 3/8" hex nuts, (Photo 7 & 8). Leave the nuts and bolts loose for final adjustment.

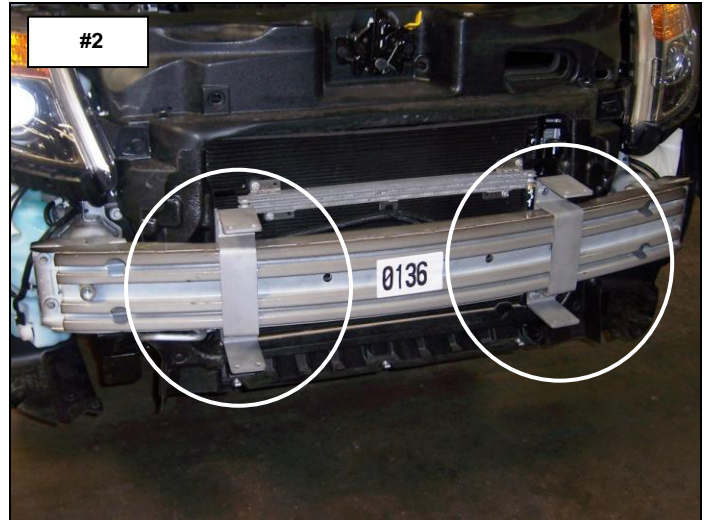
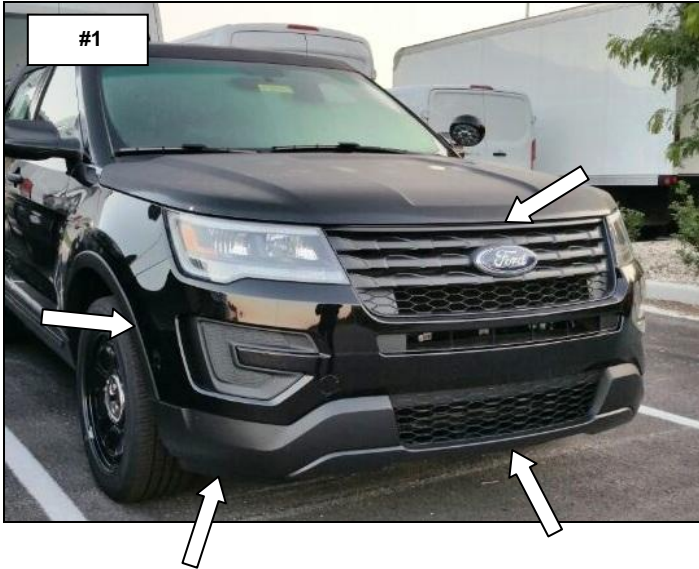


Step-9 Align the push bumper with the vehicle and tighten all nuts and bolts, (Photo 9 & 10).



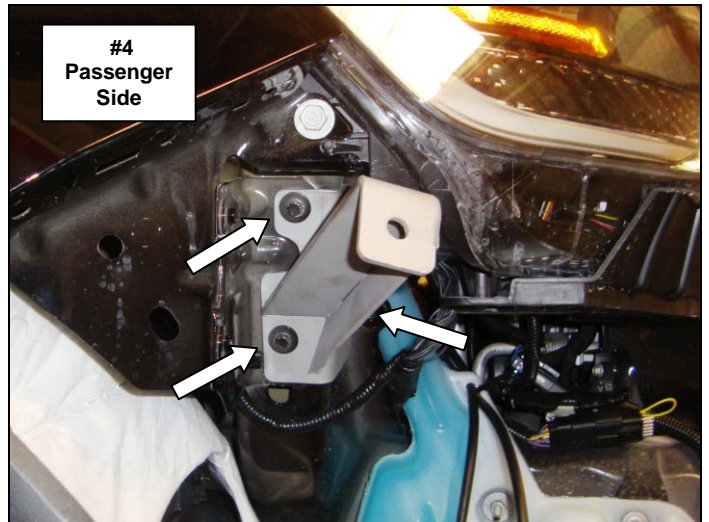
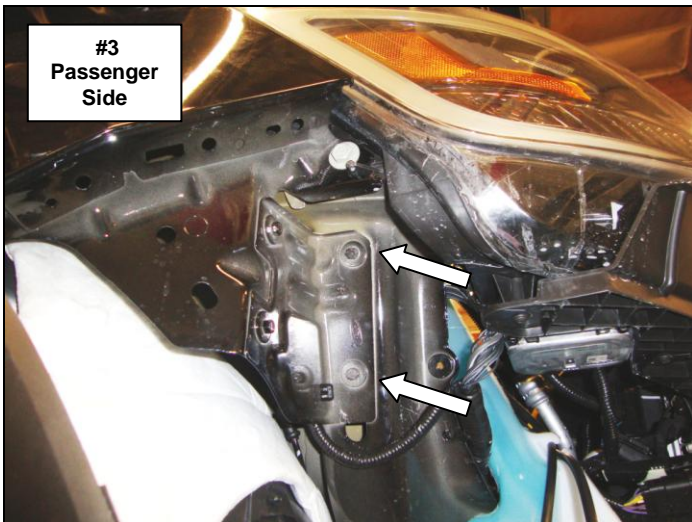
Installation

Step-1 Refer to the installation instructions included with the push bumper to remove the bumper fascia and install the push bumper main brackets, (Photo 1 & 2).



Step-2 Beginning with the passenger side, locate and remove the (2) bolts securing the front fender bracket to the unibody /frame, (Photo 3).

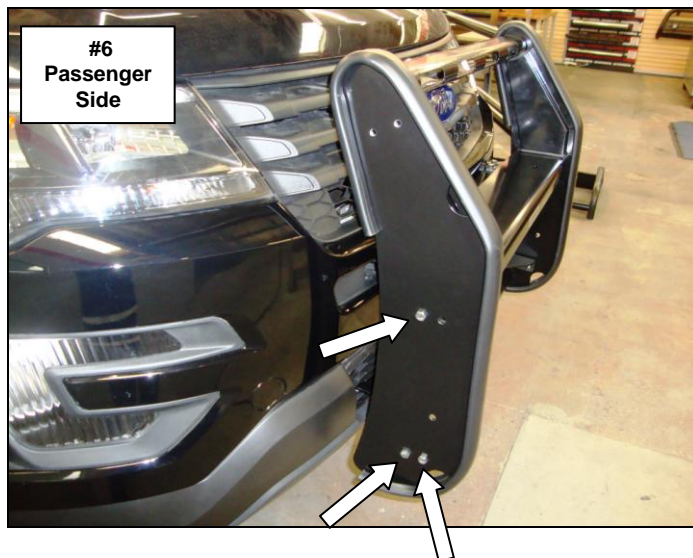
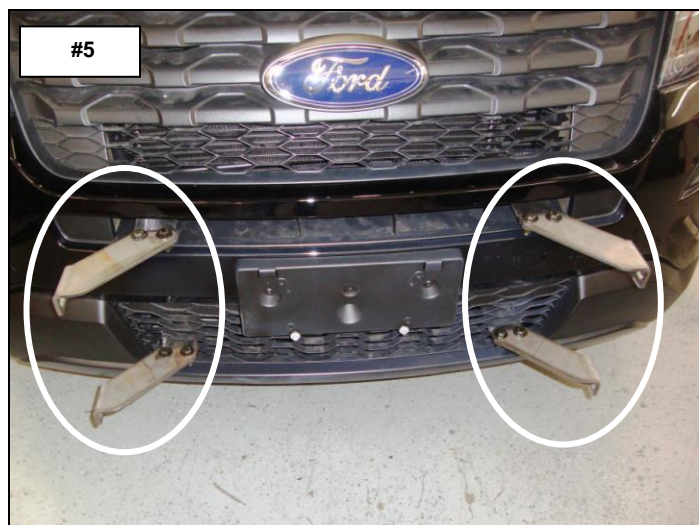
Step-3 Position the passenger side brush guard bracket on the unibody/frame, align the attachment holes in the bracket with the threads in the unibody/frame and secure the bracket using the (2) factory bolts, (Photo 4). Tighten the factory bolts. Repeat steps 2 and 3 to install the driver side brush guard bracket.



Step-4 Reposition the front bumper fascia on the vehicle and install the hex bolts and plastic connectors securing the top of the fascia, install the hex bolts securing the fascia to the front fenders and the hex bolts securing the bottom of the fascia. Tighten all bolts. **Note:** Do not install the screws securing the fender liner and fender molding to the front bumper fascia.

Step 5 Refer to the installation instructions included with the push bumper to complete the push bumper bracket installation, (Photo 5).

Step-6 Attach the push bumper to the rear hole in each of the upper extension brackets using (1) 3/8" x 1" hex bolt, (1) 3/8" lock washer and (1) 3/8" hex nut, and to each of the lower extension brackets using (2) 3/8" x 1" hex bolts, (2) 3/8" lock washers and (2) 3/8" hex nuts, (Photo 6). Leave the nuts and bolts loose for final adjustment.



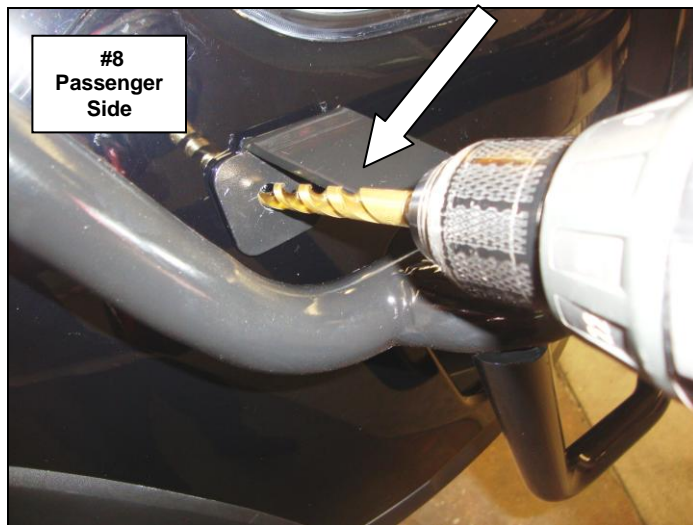
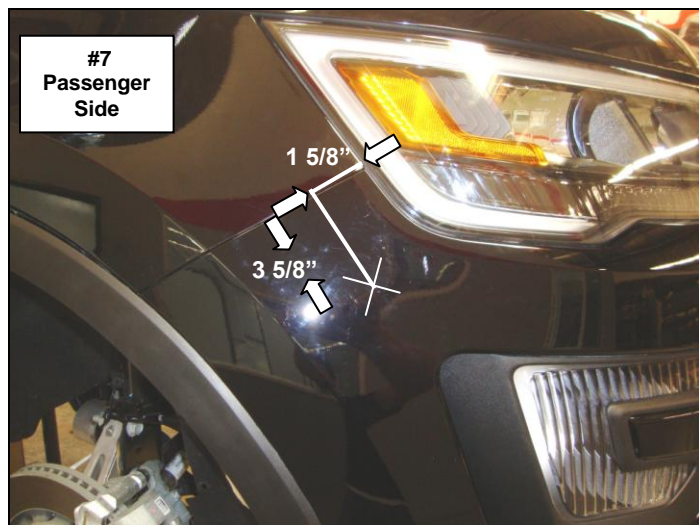
Step-7 Use the front fender and bumper fascia seam as a reference point and measure downward from the upper edge along the seam 1 5/8" and mark a line on the bumper fascia. Use the marked line as a reference point and measure downward from the seam on a 90 degree angle and mark a line 3 5/8" long on the bumper fascia, (Photo 7). Repeat this step for the driver side.

Step-8 Attach the passenger side brush guard to the push bumper using (3) 3/8" x 1 1/4" hex bolts, (3) 3/8" lock washers and (3) 3/8" hex nuts. Leave the nuts and bolts loose for final adjustment.

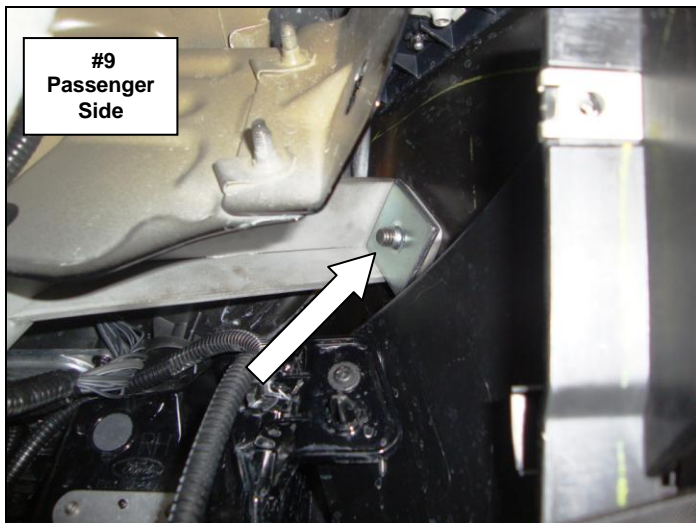
Step-9 Position the brush guard mounting tab against the bumper fascia and align the center of the hole in the mounting tab with the end of the 3 5/8" line marked on the bumper fascia.

Step-10 Drill a small pilot hole through the bumper fascia first to confirm the hole in the brush guard tab aligns with the hole in the brush guard bracket then enlarge the hole in the fascia to 7/16", (Photo 8).

Note: It may be necessary to also drill through the brush guard bracket to align the brush guard mounting tab and brush guard bracket holes.



Step-10 Pull the fender liner back and position one of the 3/8" nut plates over the hole in the brush guard bracket and secure the brush guard mounting tab to the brush guard bracket using the nut plate, (1) 3/8" x 1 1/4" hex bolt, (1) 3/8" lock washer, (1) 3/8" flat washer and (1) nylon flat washer (Photo 9 & 10). Leave the bolt loose and nut plate loose for final adjustment. **Note:** Position the nylon washer between the brush guard mounting tab and the bumper fascia. Repeat the above steps to install the driver side brush guard.



Step-11 Align the push bumper and brush guard assembly with the vehicle and tighten all nuts and bolts.

Step-12 If equipped, reconnect the front warning auxiliary lamps and Install the screws securing the fender liner and fender molding to the front bumper fascia.

Remember to check and retighten the nuts and bolts periodically.

