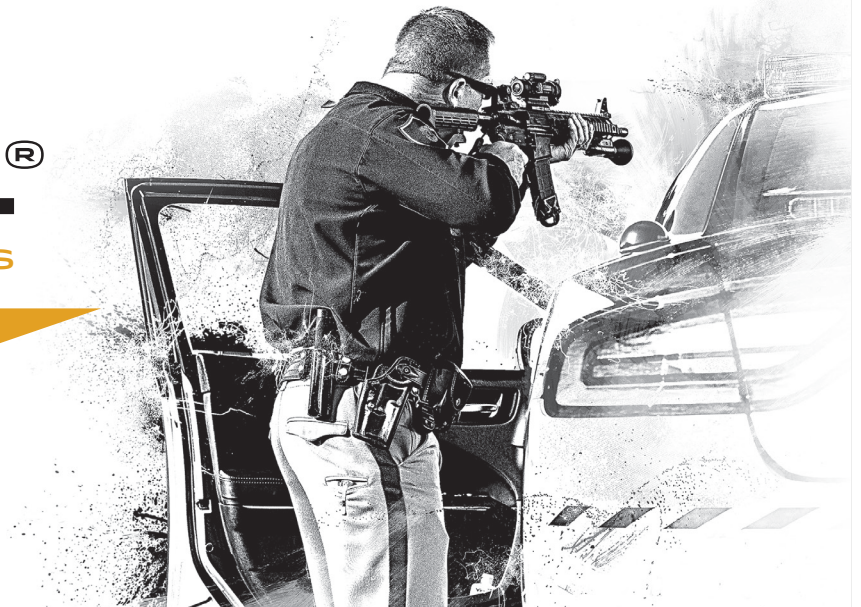




AVAIL[®]

BALLISTIC DOOR PANELS

LEVEL III + M855/M193/MSR



INSTALLATION GUIDE

for front driver and
passenger-side doors

As shown on

FORD[®] POLICE INTERCEPTOR UTILITY

(2020 & NEWER MODELS)



Also compatible with

Ford Explorer

(2020 & NEWER MODELS)



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INTRODUCTION

Congratulations on your purchase of the Angel Armor® Avail Ballistic Door Panel (Level III+) for Ford Police Interceptor Utility (2020 & Newer Models)! It's our honor to provide advanced protection to those who put their lives on the line in the name of law and order.

Your vehicle will soon be upfitted with the finest ballistic technology available. With optimized coverage area, a seamless design and powerful protection from NIJ Level III rifle threats, Avail elevates vehicle protection to a higher level.



▲ Figure 1. Angel Armor Avail Ballistic Door Panel (Level III+) for Ford Police Interceptor Utility (2020 & Newer Models)

Product Description

The Avail Level III+ armor panel is made of a premium steel plate packed with superior protective capabilities. This high-strength solution features discreet, seamless coverage in a single-piece design and a weatherproof

coating to help resist environmental wear and corrosion. The alloy steel crash bar brackets and door mounting bracket secure the armor in place to help prevent rattling and shifting within the door and a nylon check strap is included to preserve door functionality and hinder over-extension.

When fully installed, the complete Avail Level III+ ballistic armor package gives officers the ability to use their door as a tactical shield against rifle-round threats without compromising the integrity/functionality of the vehicle door.

Avail exceeds NIJ Level III Standard 0108.01 protocol for multi-round protection and offers a five-year express limited warranty.

Installation Overview

The ballistic door panel installation shown in this guide was performed on the front passengerside door of the Ford Police Interceptor Utility (2020 & Newer Models). The installation process is the same for front driver-side doors of the Ford Police Interceptor Utility (2020 & Newer Models).

Avail Level III+ armor features a simple installation starting with applying the door hinge check strap. Door disassembly is required to install the crash bar brackets and door mounting bracket. Once this is completed, the armor is secured in place and the vehicle door panel is reassembled. Installation takes approximately 1-2 hours per vehicle door.



Watch an installation in action at angelarmor.com.



Warnings and Cautions

Please adhere to the following guidelines to prevent personal injury, equipment damage and unnecessary difficulty during installation.



DISCONNECT THE VEHICLE BATTERY AFTER THE WINDOW IS ADJUSTED FOR REMOVAL/ INSTALLATION TO AVOID ACCIDENTAL AIRBAG DEPLOYMENT. ACCIDENTAL DEPLOYMENT OF THE AIRBAG MAY CAUSE SERIOUS PERSONAL INJURY.

-  Read this guide in its entirety before beginning installation.
-  Wear appropriate protective gear, including eye, hand and foot protection.
-  Use extreme caution when transporting the ballistic door panel. The armor panel is very heavy and impact may result in serious injury.
-  To avoid muscle strain or back injury, use lifting aids and proper lifting techniques when transporting the ballistic door panel.
-  Avoid excessive force when inserting the armor into the car door. Excessive force may damage the weatherstripping or scratch finished surfaces.
-  Avoid puncturing speakers with screws, push-snaps, fasteners or other sharp pieces during door disassembly, panel insertion and door re-assembly.

-  Do not drop screws or other assembly components inside the door, as they may be difficult to retrieve. If possible, use magnetic tools during installation.
-  Use only plastic trim removal/prying tools on finished surfaces to help prevent scratching.
-  Discard and replace any door components that are inadvertently damaged during the installation process. Proper installation according to the instructions in this guide should not cause damage to any vehicle or window armor parts or components.
-  Use caution when removing parts that may have sharp edges, such as the outer window weatherstrip.

Legal Statements

See Warranty and Terms and Conditions for important legal information on angelarmor.com. These instructions are provided for your convenience only, and Angel Armor expressly disclaims any liability for any damage to personal property or personal injury that occurs as a result of either installation or removal of panels.



PARTS & TOOLS LIST

This section lists the parts included in the installation kit and the tools recommended for installation. Installation kit contents are for one door panel.

Installation Kit Contents

- One Avail Ballistic Door Panel (Level III+) for Ford Police Interceptor Utility (2020 & Newer Models)



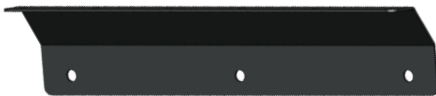
▲ Figure 2. Avail Ballistic Door Panel for Ford Police Interceptor Utility (driver side shown)

- One Avail Crash Bar Bracket



▲ Figure 3. Crash bar bracket

- One Avail Upper Mounting Bracket



▲ Figure 4. Upper door mounting bracket

- One Avail Upper Support Bracket



▲ Figure 5. Upper support bracket

- One Avail Lower Mounting Bracket



▲ Figure 6. Lower mounting bracket (driver side shown)

- One Avail Check Strap



▲ Figure 7. Check strap (driver side shown)

- Two Avail Nylon Installation Straps



▲ Figure 8. Installation Straps

- Four Crash Bar Bracket Mounting Bolts and Four Washers (M8 X 30)



▲ Figure 9. M8 x 30 mounting bolts and washers



- Three Upper Mounting Bracket Bolts and Three Washers (M8 x M20)



▲ Figure 10. M8 x 20 mounting bolts and washers

- Six Upper Mounting Bracket Sheet Metal Screws



▲ Figure 11. Upper mounting bracket screws

- Two Lower Mounting Bracket Bolts and Two Washers (M6 x 20)



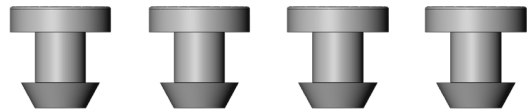
▲ Figure 12. Lower mounting bracket bolts and washers

- Two Check Strap Mounting Bolts, Two Nuts, Two M8 Washers, One M6 x 20 Bolt and One M8 x 20 Bolt



▲ Figure 13. Check strap mounting bolts, nuts, and washers

- Four Rubber Bumpers



▲ Figure 14. Four rubber bumpers

- Three Hammer Nuts



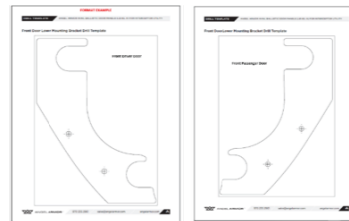
▲ Figure 15. Three hammer nuts

- Panel Bond Container (1 Nozzle Included)



▲ Figure 16. Panel bond container and nozzle

- Drill Template Appendix A



▲ Figure 17. Drill Template Appendix A (appended to the end of this guide)

- One Isopropyl Alcohol Wipe One Brand Label



▲ Figure 18. One Isopropyl Alcohol Wipe

- One Brand Label



▲ Figure 19. Angel Armor brand label



Personal Protective Equipment

- Protective Gloves
- Protective Eye wear
- Steel-Toe Boots

Required Tools

- Plastic Door Pry Tools
- Impact Driver
- Electric Drill Screwdriver
- Needle Nose Pliers
- Socket Wrench
- 3/8" Universal Socket Joint
- 6" Socket Extension
- 7, 10 and 13mm Sockets, and 1/2" Sockets and/or Ratchet Wrenches
- Torx Driver, T20 Torx Driver and T40 Torx Driver
- 7mm Drill Bit
- Torque Wrench
- Marker
- Magnetic Parts Tray
- Panel Bond Gun (3M EPX 11 Epox Applicator H-7878 or equivalent)

Recommended Tools

- De-burring Tool
- Touch-up Paint
- Magnetic Retrieval Tool
- Headlamp or Flashlight



▲ Figure 20. Panel Bond Gun



INSTALLATION

This section provides instructions for installing Angel Armor Avail Ballistic Door Panels (Level III+) into the Ford Police Interceptor Utility (2020 & Newer Models).

Overview

Installation of the Angel Armor Ballistic Door Panel (Level III+) into a Ford Police Interceptor Utility is simple. Door disassembly is required to install the check strap, crash bar brackets, and armor mounting bracket. Once this is completed, the armor is secured in place and the vehicle door panel is quickly reassembled. See page 9 for detailed instructions.

General Installation Procedure

- 1** Remove the weather-strip, vehicle door panel, window and window regulator panel.
- 2** Install the Check Strap.
- 3** Install Crash Bar Bracket.
- 4** Insert the Avail ballistic panel.
- 5** Secure the Avail ballistic panel by installing Door Upper and Lower Mounting Brackets
- 6** Re-assemble the door.

Important Notes

- The directions, photographs and illustrations in this guide depict an installation performed on the passenger side. The same installation procedure applies to the driver door.
- Note the location of screws, fasteners, wires and door components before disassembling to aid proper re-assembly after panel installation.
- Place all removed hardware and components in a safe place or magnetic tray during installation.
- The Avail Level III+ armor panel is made of a premium steel plate. This protective material is heavy and extra caution should be taken when transporting, handling and installing the armor.
- Firm pressure may be needed to clear minor obstructions during insertion of the ballistic panels but never use excessive force. Excessive force may damage internal door components.
- Ford Explorer models may have a wiring harness that is mounted to the upper crash bar. Unclip from the crash bar and remove the mounting clip. Tuck and secure the wire above the crash bar to allow the armor panel to sit directly on the crash bar.



PROCEDURE

Complete the following steps to properly install Angel Armor Avail Ballistic Door Panels (Level III+) for Ford Police Interceptor Utility (2020 & Newer Models).

Preparing for Ballistic Door Panel Installation

- 1** Open the front passenger-side door and lower the window glass completely.
- 2** Turn off the vehicle ignition switch, and remove the key.

Removing the Window Weatherstrip

- 1** Using a T20 driver, remove the window weatherstrip screw at the back of the door.



▲ Figure 21. Removing the back window weatherstrip screw

- 2** Lift up on the outer window weatherstrip to remove it from the door.



▲ Figure 22. Removing the outer window weatherstrip



Removing the Vehicle Door Panel and Speaker

- 1 Using a trim pry tool, remove the plastic trim cover behind the interior door handle.



▲ Figure 23. Remove the interior door handle trim cover

- 2 Remove the 7mm hex bolt from behind the interior door handle.



▲ Figure 24. Removing the interior door handle bolt

- 3 Starting from the back use a trim pry tool. Lift and remove the window control panel from the door panel.



▲ Figure 25. Removing the interior door handle bolt

- 4 Remove the single 10mm hex bolt from the control pocket.



▲ Figure 26. Removing the armrest pocket bolts

- 5 Disconnect the wiring harnesses from the window control panel.



Removing the Vehicle Door Panel and Speaker **CONTINUED**

- 6** Locate the two 7mm hex bolts from below the map pocket and remove.



▲ Figure 27. Removing the lower panel bolts

- 7** Starting at the lower back corner, pry the interior vehicle door panel away from the door to disengage the plastic snaps. Work your way along the bottom edge and both sides of the door panel to disengage all the snaps.



▲ Figure 28. Prying the door panel away from the door skin

- 8** Once all snaps have been released, hold the vehicle door panel at the base and lift it over the door lock pin.

- 9** Tilt the top edge of the door panel toward yourself while supporting the bottom with your legs.



▲ Figure 29. Removing the door panel

- 10** Disconnect all wiring harness clips. There are two on the driver side and three on the passenger side (possibly more depending on the vehicle trim package).
- 11** Disconnect the door handle cable by prying on the retaining clip.



▲ Figure 30. Unclipping the door latches

- 12** Pull the black plastic collar out of the bracket and swing the door handle cable away from yourself.

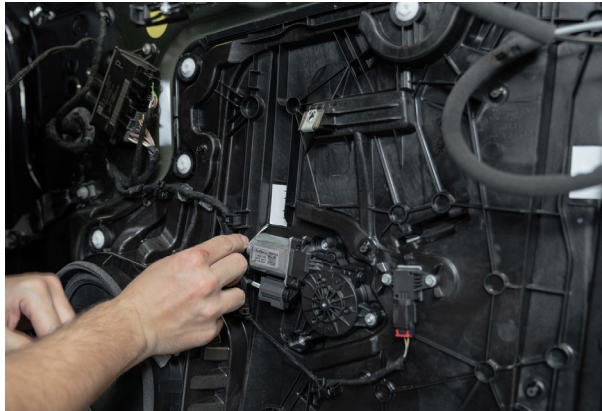


Removing the Vehicle Door Panel and Speaker **CONTINUED**

- 13** Lift the metal cylinder out of its socket (located at the end of the door handle cable).
- 14** Set the door panel aside.

Removing the Vehicle Window

- 1** Locate and remove the two white adhesive patches that are concealing the window glass mounting clips.



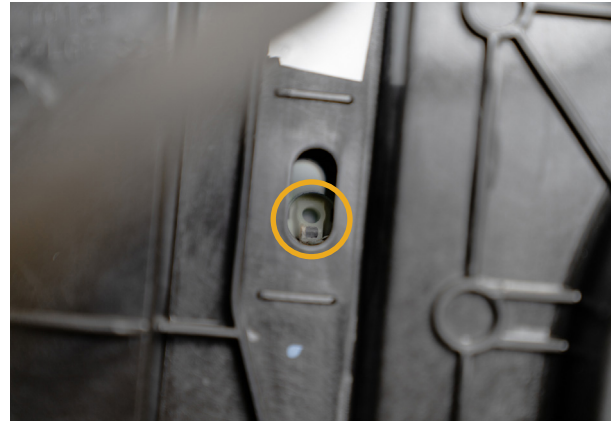
▲ Figure 31. Removing the adhesive patches

- 2** Reconnect the window control panel to the set window height to 7 inches of exposed glass. This should allow the window glass mounting clip to be visible through the exposed holes.



▲ Figure 32. Measuring the window height

- 3** Take a screw driver and push on the back clip and pull up on the glass at the same time. Then move the front clip and do the same thing. Making sure to not reengage the back clip. The glass is now free to remove.



▲ Figure 33. Locating the window regulator clips

- 4** Carefully slide the window glass up and out of the door window channel to remove it and set it aside.



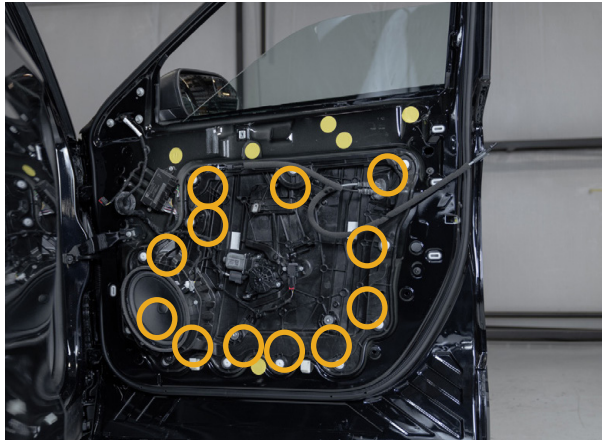
▲ Figure 34. Removing the window glass

- 5** Disconnect the vehicle battery to avoid accidental airbag deployment.



Removing the Front Door Window Regulator Panel

- 1** Disconnect the wiring connectors from the window regulator panel. Making sure to not lose the metal clips.
- 2** Locate the “12” white Torx clips.



▲ Figure 35. Locating the mounting clips

- 3** Use a T40 tool to rotate the latches a quarter turn.

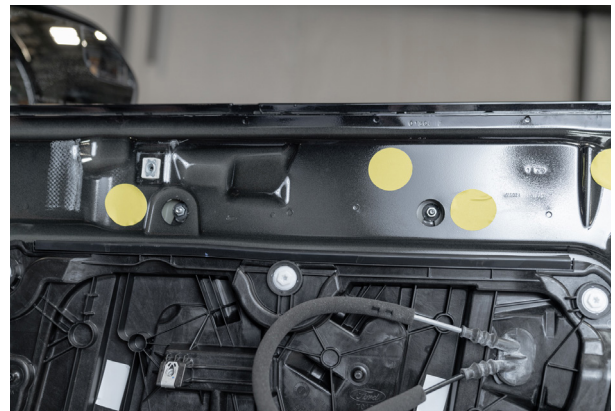


▲ Figure 36. Rotating Torx Clips

- 4** Locate the two 10mm hex nuts behind the two top center yellow adhesive circular patches. Remove them and make sure to not drop them inside of the door cavity.



▲ Figure 37. Removing the adhesive patches



▲ Figure 38. Showing the window regulator mounting nuts



Removing the Front Door Window Regulator Panel **CONTINUED**

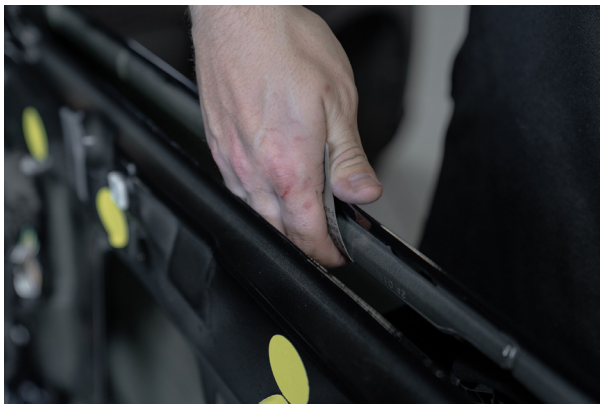
- 5** Rotate the bottom of the panel out to allow the panel to slide out of the upper tracks.



▲ Figure 39. Removing window regulator panel

Preparing the Upper Brackets

- 1** Remove all rust, primer, and paint from the top of the door frame using a 50 gritsanding pad.

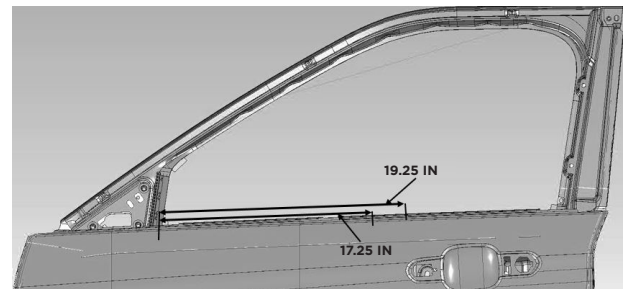


▲ Figure 40. Sanding door frame for panel bond

- 2** Wipe all remaining material away with isopropyl alcohol.

- 3** Locate the front window track and measure back.

Measure 17.25 inches for the Upper Mounting Bracket and measure 19.25 inches for the Support Bracket.



▲ Figure 41. Rendering of upper bracket measurements



▲Figure 42. Measuring for the upper and supporting brackets

Removing the Interior Weather Strip and Upper Window Trim

- 1** Using a pry tool to remove the upper window trim by removing the front and rear clips.



▲ Figure 43. Removing window trim from clips

- 2** Pull the whole plastic piece around the top of the window opening.

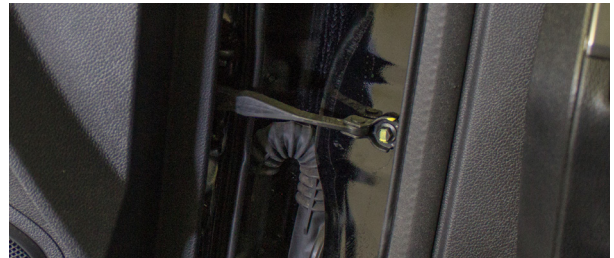


▲ Figure 44. Removing window trim

- 3** Remove the interior weather strip. Keep track of the orientation.

Installing Check Strap

- 1** Locate the OEM (Original Equipment Manufacturer) check strap that connects the front, middle of the door to the A-pillar of the vehicle cabin.



▲ Figure 45. OEM check strap

- 2** Using a 10mm socket, remove the bolt from the check strap on the cab side of the vehicle. It may help to have an extension to access the bolt head.
- 3** Pre-bend the nylon webbing check strap so that when the door closes, the nylon bends outward. Pre-bending the check strap gives the nylon material a “memory” to ensure it does not affect door closure.
- 4** Install the nylon check strap / bracket assembly by placing the bracket with two mounting holes over the corresponding holes on the inside door skin. Attach the two bolts to clamp it to the skin with a M8 X 20 bolt and M6 X 20 bolt. Back the bolts with the matching nuts and washers.



▲ Figure 46. Check strap mounting on the door



Installing Check Strap CONTINUED

- 5 Use the original bolt to securely fasten the two check strap mounts to the A-pillar.

NOTE: The installed strap helps prevent over-extension of the vehicle door. Adjustments to the door hinge will be made after armor is installed for proper alignment due to the added weight of the armor. Nut torquing will occur after final adjustment.



▲ Figure 47. Check strap orientation on A-pillar

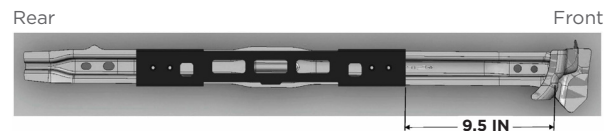
Inserting the Door Crash Bar Mounting Bracket

- 1 Locate the front end of the crash bar, measure ~9.5 inches, and mark that location. This will mark the location of the forward edge of the Crash Bar Mounting Bracket shown below once installed.



▲ Figure 48. Marking 9.5 inches towards the rear of the vehicle from the front of the crash bar

- 2 Insert the Crash Bar Mounting Bracket into the door cavity and position the bracket such that the bent tabs of the bracket hook onto the top of the crash bar flange and the forward edge meets the mark made in the previous step.



▲ Figure 49. Rendering of the crash bar mounting bracket showing location of the crash bar

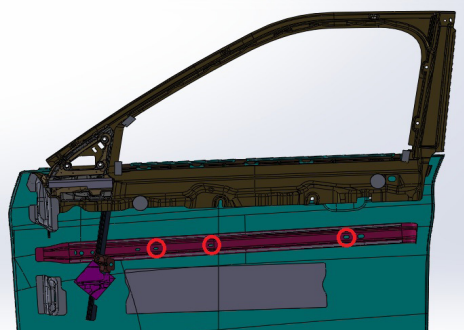


▲ Figure 50. Crash bar bracket and located in the door



Inserting the Rubber Bumpers

- 1 Insert two bumpers in the handle side hole marked in the figure below.



▲ Figure 51. Placement of rubber bumpers

- 2 Insert the two remaining bumpers into the other two marked holes.

Inserting and Securing the Ballistic Door Panel

- 1 Locate the two nylon installation straps. These adjustable straps are included to help support the weight of the steel armor while installing it into the door.
- 2 Loop the installation straps around the door with the adjustment feature of the straps easily accessible to the inner side of the door. The straps should create a cradle in the center in the window channel of the door, between the inner and outer skin. Direct the male side of the clip facing down for ease of adjustment. See Figures below.



▲ Figure 52. Strap path through buckle and buckle direction

- 5 Hold the ballistic door panel so the product label faces the interior of the vehicle.

⚠ Use extreme caution when transporting the ballistic door panel. The armor panel is very heavy and impact may result in serious injury.

⚠ To avoid muscle strain or back injury, use lifting aids and proper lifting techniques when transporting the ballistic door panel.

⚠ Wear appropriate protective gear, including eye, hand and foot protection. Protective gloves are highly recommended when handling the steel armor.

- 4 Carefully insert the armor through the window opening and into the cradle created by the installation straps. Ensure the straps align with the slots on the bottom of the armor panel to prevent the panel from slipping while lowering into the door.

⚠ NOTE: When initially inserting, it may help to rotate the armor 90 degrees, then rotating it back to original position as the armor is lowered.



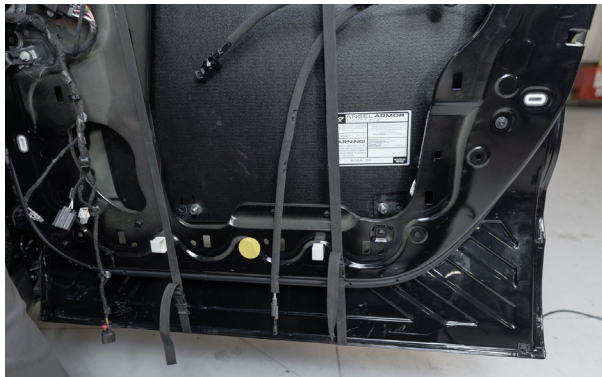
▲ Figure 53. Placing the armor into the door

- 5 Slowly adjust the left and right installation straps to begin to lower the armor into the door. Stop when the lower bolt holes align with the holes in the crash bar bracket.



Inserting and Securing the Ballistic Door Panel CONTINUED

- 6** With the armor aligned with the crash bar, loosely install the front crash bar M8x30mm bolt with washer through the slotted hole at the front portion of the armor. Then place a second M8 x 30mm bolt and washer into the right-most slotted hole in the rear portion of the armor and loosely thread into the crash bar bracket, leaving approximately 1/4" (6mm) of threads showing. These bolts will be tightened later in this installation.



▲ Figure 54. The front, top crash bar bracket loosely installed

- 7** With the front and rear crash bar bolts loosely in place, lower the installation straps so that the full weight of the armor panel rests on the bolts. Remove the two installation straps and discard them. (The clips on the straps will need to be removed so the straps can be pulled out of the door skin.)

- 8** Locate the lower mounting bracket drilling template that came with the kit (Appendix A appended to the end of this guide). Cut out the template and holes within for the corresponding door (driver or passenger side). Position the template over the hole in the lower rear corner of the inner door skin as shown and use the profile to align the position of the two holes to be drilled and use a marker to mark the holes.



▲ Figure 55. Marking the hole locations using the template provided (appended to the end of this guide)

- 9** Center punch the hole locations. Using a 7mm drill bit, drill the two holes and use a deburring tool to deburr the edges. Apply a thin coat of black touch-up paint to each hole to prevent corrosion.



Inserting and Securing the Ballistic Door Panel CONTINUED

- 10** Insert the lower mounting bracket into the door cavity and position into place in the lower rear corner of the door. Manipulate the bracket so the cutout in the bracket hooks around the protruding crash bar bolt and the two 6mm bolt holes align with the recently drilled holes in the inner sheet metal. Once in place, insert the third and final M8x30mm bolt and washer through the lower mounting bracket and loosely thread into the crash bar. Finally, insert the two M6x20 mm bolts and washers through the drilled holes in the sheet metal and into the lower mounting bracket. Tighten into place (Torque to 9 ft-lbs).

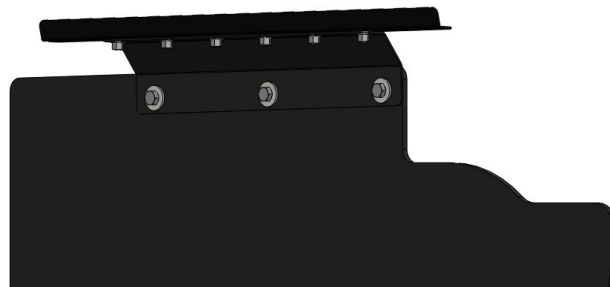


▲ Figure 56. Inserting Lower Mounting Bracket



▲ Figure 57. Lower mounting bracket loosely installed

- 11** At the top of the armor, use a 13mm socket to loosely attach the door mounting bracket to the armor as shown using the three 8mm x 20mm bolts. Ensure the bracket presses up against the top of the door frame.



▲ Figure 58. Rendering of the armor and upper mounting bracket showing relative location and placement

- 12** Dry fit the Support Bracket to the inside of the door frame and line it up to the previously marked 19.25 inches mark.

⚠ NOTE: When working with this adhesive it is recommended that you wear gloves and mask the outside of the door to prevent incidental adhesive contact with the outside door panel.

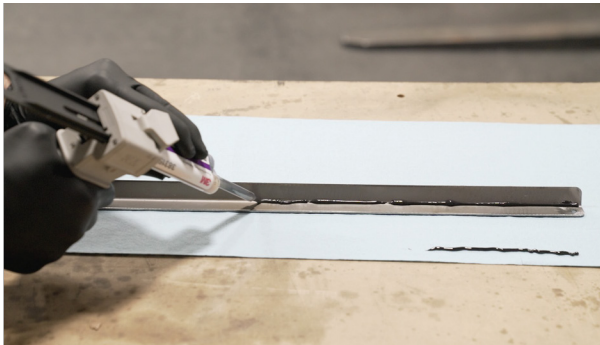


▲ Figure 59. The support bracket dry fitted into door

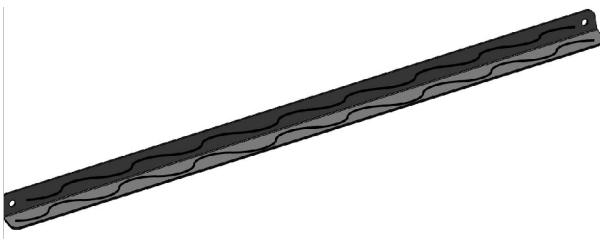


Inserting and Securing the Ballistic Door Panel CONTINUED

- 13** Sand the inside of the support bracket to give the adhesive some “tooth” to attach to. Then clean with acetone to remove the residue and dust.
- 14** Remove the bracket and prepare to use the 3M panel bond. Be sure to apply a practice bead on something disposable. Apply a single bead down the inside bend of the support bracket. Move to the two flat surfaces and apply a “S” type bead making sure to not go all the way to the edge of the part. Once both sides are covered, place and hold the part.



▲ Figure 60. Applying panel bond to support bracket



▲ Figure 61. Panel bond application pattern

- 15** It is critical that the adhered top bracket fits tight to the top of the door frame to prevent interference with the window functionality.
- 16** Using a 3/8” socket and impact driver, insert six sheet metal screws through the six holes at the top half of the upper door mounting bracket to attach the bracket through the support bracket and then into the door frame. Again, make sure that the screwed in part is tight to the outside of the vehicle to prevent interference with the window.

⚠ NOTE: The sheet metal screws will drill six cavities into the metal portion of the door frame and will not show through the outside of the door skin. Ensure the screws are drilled into flat areas of sheet metal by shifting the loosened armor panel left or right as necessary. **DO NOT OVER TIGHTEN** these screws as it could strip out the sheet metal.



▲ Figure 62. Screwing the sheet metal screws into the upper door frame through the support and upper bracket



Inserting and Securing the Ballistic Door Panel CONTINUED

- 17** With the screw in place, the upper mounting bracket and crash bar bracket bolts can be firmly tightened. (Torque to 18 ft-lbs.)



▲ Figure 63. Sheet metal screw locations

- 18** Confirm the armor is in its final position by checking the following:
- The armor sits flush to the crash bar and upper crash bar.
 - The bottom mounting bracket sits flush with the armor panel and mounts tightly to the inner side of the door frame.
 - The door handle wiring harness connector sits freely and is not pinched by the upper edge of the armor panel.
 - Firmly grip the armor panel and attempt to shake - there should be no movement of the armor panel.
 - Check that all bolts are torqued appropriately: 18 ft/lb. for M8 bolts and 9 ft/lb. for M6 bolts.

Replacing the Front Door Window Regulator Panel

- 1** Replace top window regulator bracket within the door cavity reconnecting to the fasteners. Replace and secure the two 10mm hex nuts.
- 2** Replace the yellow covers.
- 3** Use a T40 and lock in the panel into its opening. Verify that all 12 are turned in properly clockwise.
- 4** Reattach all of the wires to the panel making sure they are secure.
- 5** Reconnect the wiring harness to the window regulator.

Replacing the Front Door Window

- 1** Carefully insert the window glass from outside the door into the window channel and lower into the door cavity.
- 2** Align the two mounting holes in the plastic tabs on the bottom of the window with the corresponding holes in the regulator bracket.



Replacing the Interior Weather Strip and Upper Window Trim

- 1** Reinstall the interior weather-strip, making sure the orientation is correct.
- 2** Align and install the interior window trim piece making sure the plastic does not interfere with the track and the doors perimeter bulb seal.
- 3** If the window trim started correctly, the two clips should line up with the holes and will snap into retain the part.

Replacing the Speaker and Vehicle Door Panel

- 1** Hold the door panel near the door frame and tilt the top toward yourself while supporting the bottom edge with your legs.
- 2** Connect all wiring harness clips. There are four on the driver side and three on the passenger side.
- 3** Replace the metal cylinder back in its socket in the interior door handle.
- 4** Pull the black plastic collar away from the bracket and place the metal cable into the bracket.
- 6** Slide the black plastic collar into the bracket until the two plastic prongs snap securely in place.

- 7** Align the door lock post with the hole at the upper rear corner of the door panel.
- 8** Lower the door panel onto the lip at the top of the metal door frame and press firmly until seated.
- 9** Line up the white plastic snaps and the black plastic peg on the back of the door panel with their corresponding holes in the metal door frame.
- 10** Firmly tap on the snaps along the bottom edge and both sides of the door panel.
- 11** Use a 7 mm socket to replace the bolts behind the interior door handle and armrest pocket.
- 12** Snap the black plastic trim covers back into their locations behind the door handle and inside the armrest pocket.
- 13** Install the two 7 mm hex bolts below the map pocket of the door panel.
- 14** Connect the window control panel wiring harness.
- 15** Replace the window control panel.
- 16** Reconnect the vehicle battery.
- 17** Roll the window all the way down.



Replacing the Window Weatherstrip

- 1** Press down on the front end of the weather strip and move backward. Pressing the entire length of the weatherstripping into the window frame to ensure proper snap engagement.
- 2** Using a T20 driver, replace the weatherstripping screw at the back of the door.

Completing Installation

- 1** Verify that all trim and window components are properly re-installed and that the window, door locks and mirrors function as intended.
- 2** Once armored, the vehicle door may require additional adjustment at the hinges for proper closing and matching of body lines. Conduct final door adjustment by completing the following steps:
 - A** Gently close door to check alignment.
 - B** Loosen the door side hinge nuts.
 - C** With the help of an assistant or door lift, apply gentle upward pressure on bottom of door and move in/out at top and bottom of door as required.
 - D** Re-torque bolts, gently close the door and inspect closure/alignment.
 - E** Repeat as necessary.

- 3** Attach the Angel Armor brand label toward the top of the interior door panel by completing the following procedure:

- A** Clean the attachment area on the door with the supplied isopropyl alcohol wipe.
- B** Allow the door surface to dry completely.
- C** Remove the backing from the brand label.
- D** Apply the brand label to the door, pressing for at least 30 seconds to ensure proper adhesion.



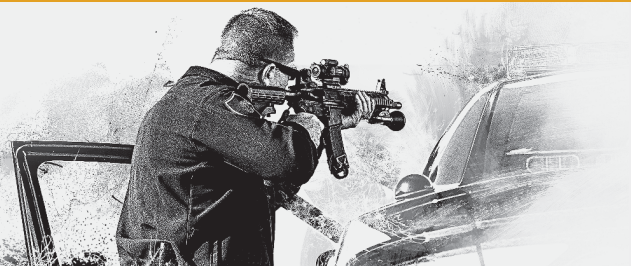
▲ Figure 64. Applying the Angel Armor brand label

REMOVAL OR DECOMMISSION

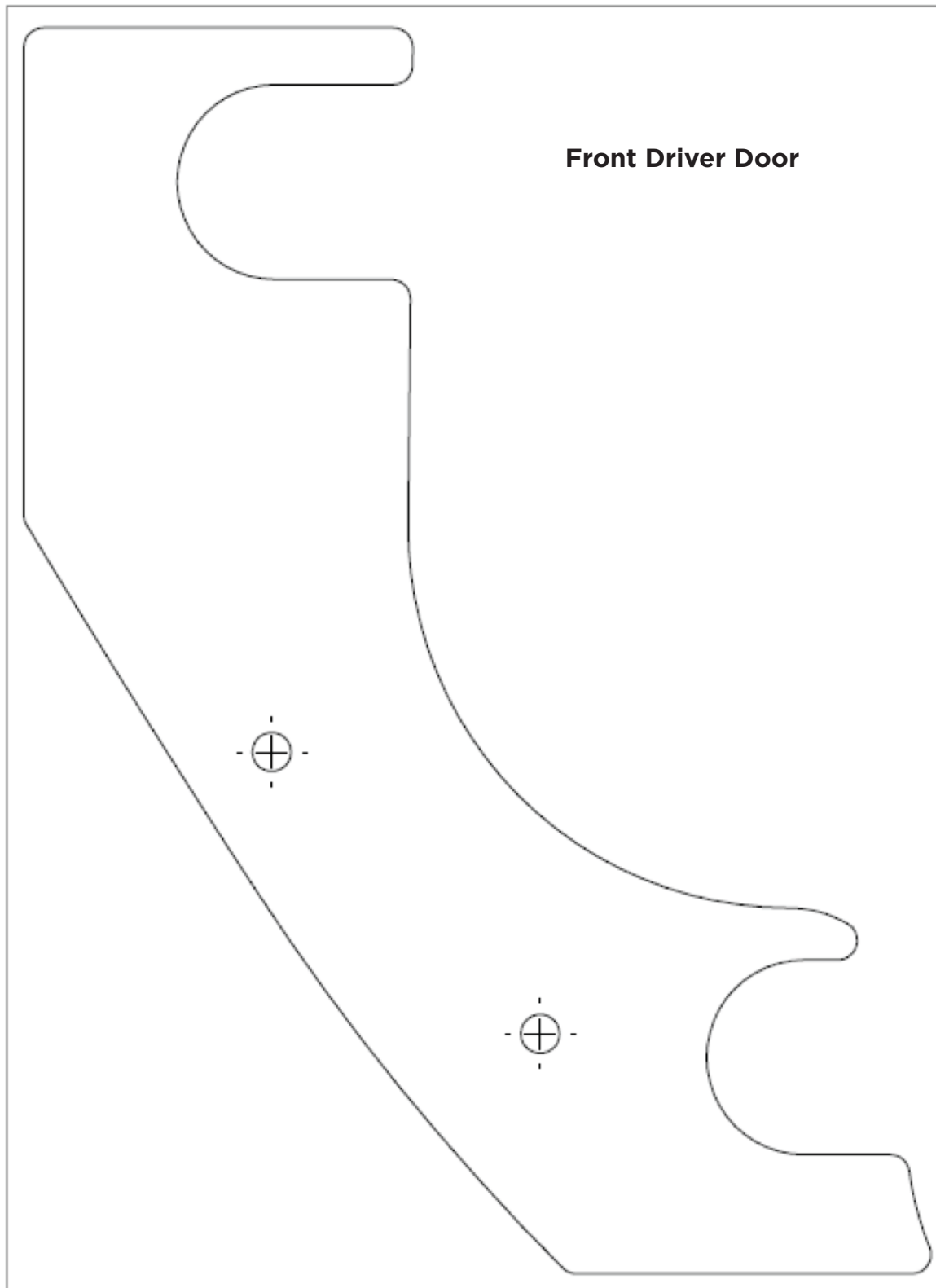
If removing the armor for decommission or transfer to another vehicle, contact Angel Armor for additional support, as needed.

INSTALLATION COMPLETE:

Your vehicle is now equipped with Avail Level III+ — advanced ballistic protection from Angel Armor.



Front Door Lower Mounting Bracket Drill Template



Front Door Lower Mounting Bracket Drill Template

