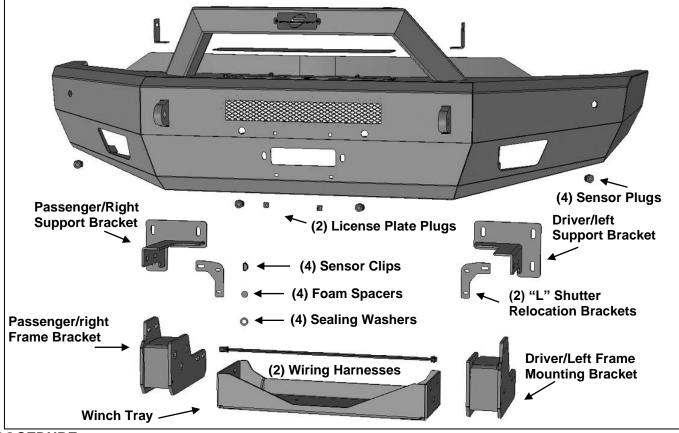
PARTS LIST:

1	Elevation Bull Nose Front Bumper	4	12-1.75mm x 140mm Hex Bolts
1	Access Cover	4	12-1.75mm x 55mm Hex Bolts
1	Winch Tray	8	12-1.75mm x 45mm Hex Bolts
1	Driver/left Mounting Bracket	32	12mm x 32mm x 3mm Flat Washers
1	Passenger/right Mounting Bracket	16	12mm Nylon Lock Nuts
1	Driver/left Support Bracket	2	8-1.25mm x 25mm Hex Bolts
1	Passenger/right Support Bracket	2	8-1.25mm x 16mm Hex Bolts
2	Shutter Relocation "L" Brackets	6	8mm x 24mm x 2mm Flat Washers
1	Driver/left "L" LED Light Mounting Bracket	4	8mm Lock Washers
1	Passenger/right "L" LED Light Mounting Bracket	2	8mm Hex Nuts
2	Plastic Plugs for License Plate	5	6mm Combo Bolts
4	Sensor Plugs	10	6-1.0mm x 20mm Hex Bolts
4	Retaining Clips	20	6mm x 18mm x 1.6mm Flat Washers
4	Sealing Washers	10	6mm Nylon Lock Nuts
4	20mm x 2mm Foam Spacers	8	4mm x 10mm Button Head Screws
2	Wiring Harnesses	1	4mm Wrench
1	Sensor Cover Kit	1	2.5mm Wrench



PROCEDURE:

REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. BUMPER IS HEAVY, ASSISTANCE IS HIGHLY RECOMMENDED TO AVOID POSSIBLE INJURY OR DAMAGE TO THE VEHICLE.

1. Start installation at the driver/left wheel opening. Remove the hardware attaching the fender liner to the front of the fender and the end of the plastic body panel, (Figure 1). Carefully pull the fender flare out to release the clips attaching it to the body panel, (fascia), and end of the fender, (Figure 2).
IMPORTANT: Only release the forward end of the flare, it is not necessary to remove the flare. Remove

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- the screws attaching the end of the fascia panel to the front fender, **(Figure 3)**. Repeat this **Step** to release the passenger/right end of the fascia from the fender.
- 2. Pull along the center of the fascia to release the clips and remove the fascia, (Figure 4).
- 3. Open the hood and remove the plastic cover from the top of the radiator and the grille, (Figure 4). Remove the hardware attaching the grille and pull it straight out from the vehicle. On models with grille mounted camera, unplug harness leading to the camera and remove the grille, (Figures 5 & 7).
- **4.** Unplug all wiring harnesses leading to the front bumper, **(Figure 6)**. Remove the license plate and bracket if equipped, **(Figure 7)**. Move all harnesses away from bumper.
- **5.** Remove the outer bumper supports from the ends of the bumper, **(Figure 8)**.
- 6. Place blocks or jack stands under the front bumper to support it during mounting bolt removal. Once the bumper has been safely supported, from above the bumper, remove the (2) factory upper and lower bumper bolts from each side, (Figure 9). WARNING! Assistance is required to hold the bumper in place during bolt removal to prevent the bumper from falling. Remove the bumper assembly.
- 7. Remove the factory bumper brackets and tow hooks, (if equipped), from the end of frame, (Figure 10 & 11). On models with lower radiator shutter assembly, unplug and remove the assembly, (Figure 10).
- **8.** Select the driver/left Upper Support Bracket, **(Figure 12)**. Reuse the factory hardware to attach the Bracket to the frame, **(Figures 11—13)**. Do not tighten hardware at this time.
- 9. Next, select the driver/left Frame Mounting Bracket. Hold the Bracket up to the bottom of the frame. Attach the Bracket to the holes through the frame with the included (2) 12mm x 140mm Hex Bolts, (4) 12mm Flat Washers and (2) 12mm Nylon Lock Nuts. Do not fully tighten hardware at this time.
- 10. Repeat Steps 8 & 9 to attach the passenger/right Frame and Support Mounting Brackets.
- **11.** Next, on models with lower shutter assembly, select (1) "L" Relocation Bracket, **(Figure 14)**. Reuse (1) factory bumper bolt to attach the Bracket to the bottom inner mounting hole, **(Figure 16)**. Repeat this Step to attach the passenger/right Relocation Bracket.
- **12.** Remove shutter assembly from outer plastic housing, **(Figure 15)**. Attach the shutter assembly to the front of the "L" Relocation Brackets with the included (4) 6mm x 20mm Hex Bolts, (8) 6mm Flat Washers and (4) 6mm Nylon Lock Nuts, **(Figures 16 & 17)**. Do not overtighten the 6mm hardware or damage to the shutter assembly may result. Plug wiring harness into shutter assembly
- **13.** Select the Winch Tray, **(Figure 18)**. Slide Winch Tray between the Frame Brackets. Attach Winch Tray to Brackets with (6) 12mm x 45mm Hex Bolts, (12) 12mm Flat Washers and (6) 12mm Nylon Lock Nuts, **(Figures 18 & 19)**. Snug but do not fully tighten hardware at this time. Follow winch manufacturer's instructions to attach winch to Winch Tray. **NOTE**: Also install winch cable guide (not included) before installing Bumper.
- **14.** Reinstall fascia, grille and top cover removed in **Steps 1—3**.
- **15. Optional Center LED light installation**, (sold separately). **NOTE**: Light may be easier to install in Bumper before Bumper Assembly is attached to Brackets.
 - a. Select the Driver side "L" Bracket. **NOTE**: "L" Brackets are offset for universal fitment for most LED bar style lights. Attach the Bracket to the top of the mounting tab on the back of the Bumper with the included (1) 8mm x 25mm Hex Bolt, (2) 8mm Flat Washers, (1) 8mm Lock Washer and (1) 8mm Hex Nut, **(Figure 20)**. Do not tighten hardware at this time.
 - **b.** Repeat Previous Step for Passenger side "L" Bracket installation.
 - **c.** Attach the LED Light Bar to the Brackets with (2) 8mm x 16mm Hex Bolts, (2) 8mm Lock Washers and (2) 8mm Flat Washers, **(Figure 20)**. Do not fully tighten hardware at this time.
 - **d.** Center and adjust light position and tighten hardware.
 - **e.** Follow light manufacturer's instructions to wire the light to the vehicle's electrical system once Bumper has been fully installed.
- **16.** Determine if vehicle is equipped with parking sensors.

Models without bumper sensors:

- **a.** Select the included (4) Rubber Plugs.
- **b.** From behind bumper, push Plugs and Retaining Clips into sensor mounting holes, **(Figure 21)**. Screws have been provided to lock the plugs in the mount. Use is optional.

Models with bumper mounted sensors:

a. Disassemble the front bumper to access the sensors and wiring harness, **(Figure 22)**. Unplug and remove sensors and wiring harness from factory bumper.

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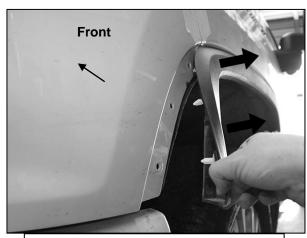
- **b.** Remove the silicone seal from the end of the sensor. Slide the included larger Sensor Seal over front of sensor, **(Figure 23)**.
- c. Insert sensor with Seal into sensor mount, (Figure 24).
- **d.** Place Foam Spacer over end of sensor. Push Sensor Retaining Clip into sensor mount and lock into mounting holes, **(Figure 24)**.
- **e.** Repeat previous Steps to install remaining sensors.
- **f.** Attach the wiring harness to the back of the Bumper and plug in all sensors.
- **g.** Use the included (2) Wiring Harnesses to extend the reach of the bumper harness to the two sensors located in the center of the Bumper, **(Figure 25)**.
- **17.** With assistance, position the Bumper Assembly up to the outside of the Brackets. Temporarily support the weight of the Bumper. **WARNING**: To avoid possible injury or damage to the vehicle, do not proceed until the Bumper is fully and safely supported.
- 18. Line up the (3) holes in the driver/left side of the Bumper with the (3) slots in the Frame Bracket. Attach the 2 top slots in the Bumper to the Frame and Support Bracket with (2) 12mm x 55mm Hex Bolts, (4) 12mm Flat Washers and (2) 12mm Nylon Lock Nuts, (Figures 26 & 27). Insert (1) 12mm x 45mm Hex Bolt, (2) 12mm Flat Washers and (1) 12mm Nylon Lock Nut through the bottom slot and into the Frame Bracket only. Do not fully tighten hardware at this time. Repeat this Step to attach the passenger/right side of Bumper to the Frame and Support Brackets.
- 19. Level and adjust the Bumper and fully tighten all 12mm hardware to 65-70ft-lbs.
- 20. Models with fog lights:
 - a. Remove the fog lights from the factory bumper, (Figure 22).
 - b. Attach the <u>passenger/right</u> fog light to the mounting tabs on the back of the <u>driver/left</u> side of the Bumper with the included (3) 6mm x 20mm Hex Bolts, (6) 6mm Flat Washers and (3) 6mm Nylon Lock Nuts, **(Figure 28)**. Do not overtighten hardware or damage to the light may result.
 - c. Repeat the previous Steps to attach the driver/left fog light to the passenger/right side.
 - **d.** Plug harness into lights, **(Figure 29)**.
- **21.** Use the included (2) push-in Plastic Plugs to attach the front license plate, (if required), to the (2) holes in the front Bumper, **(Figure 30)**.
- 22. Do periodic inspections to the installation to make sure that all hardware is secure and tight.

To protect your investment, Do not use any type of polish or wax that may contain abrasives that could damage the finish. Mild soap may be used to clean the Elevation Front Bumper assembly.

Driver/left Side Installation Pictured



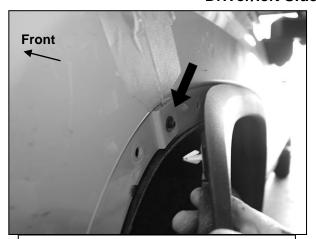
(Fig 1) Release hardware attaching fender liner from plastic panel (fascia-see arrows)



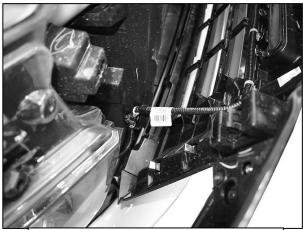
(Fig 2) Pull front end of fender flare out and away from fender. Do not remove flare, only release the front section

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Driver/left Side Installation Pictured



(Fig 3) Remove screws attaching plastic fascia panel to front end of fender (arrow)



(Fig 5) Disconnect harness to camera (if equipped) and remove grille

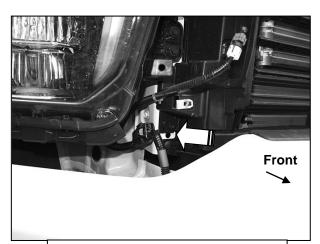


(Fig 7) Grille and fascia removed

Remove plastic cover from top of grille



(Fig 4) Remove plastic fascia from top of bumper

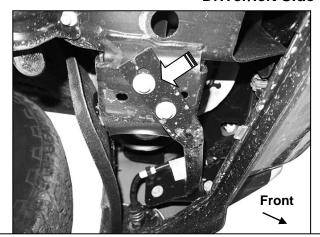


(Fig 6) Disconnect all wire harnesses leading to front bumper

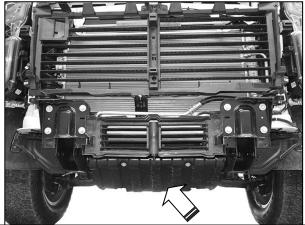
WARNING! Do not crawl under bumper unless it is properly supported on blocks or stands or the bumper may fall.

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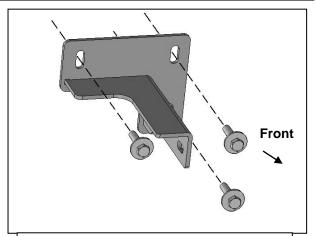
Driver/left Side Installation Pictured



(Fig 8) Remove outer bumper supports attached to bottom of frame (driver/left pictured)

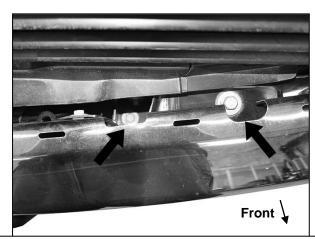


(Fig 10) Remove tow hooks, bumper brackets and shutter assembly (arrow) if equipped

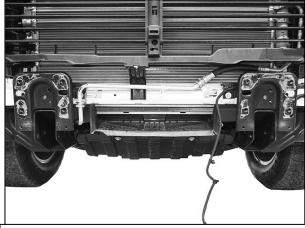


(Fig 12) Reuse factory hardware to attach Driver/left Frame Bracket to end of frame

WARNING! Do not crawl under bumper unless it is properly supported on blocks or stands or the bumper may fall.



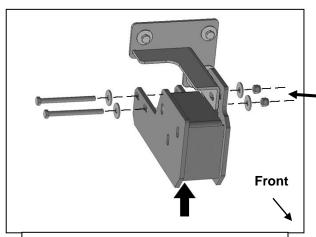
(Fig 9) From above, remove the hex bolts attaching the driver/left side of bumper to the frame, (arrows)



(Fig 11) Attach Frame Brackets to end of frame

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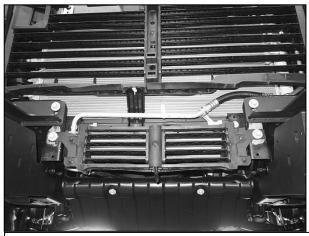
Driver/left Side Installation Pictured



(Fig 13) Attach Driver/left Frame Bracket to holes through bottom of frame



(Fig 15) Remove inner shutter assembly from plastic outer housing (if equipped)

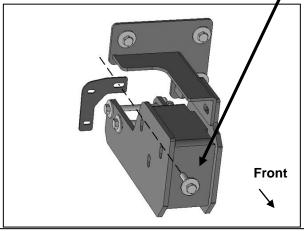


(Fig 17) Attach shutter assembly, (if equipped), to front of Relocation Brackets

WARNING! Do not crawl under bumper unless it is properly supported on blocks or stands or the bumper may fall.

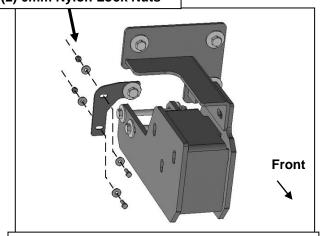
- (2) 12mm x 140mm Hex Bolts
- (4) 12mm Flat Washers
- (2) 12mm Nylon Lock Nuts

Reuse factory bumper bracket bolt



(Fig 14) Reuse the factory bolt to attach the "L" Relocation Bracket to the lower/inner threaded hole in the front of the frame. Attach shutter assembly, (if equipped), to <u>front</u> of Relocation Brackets

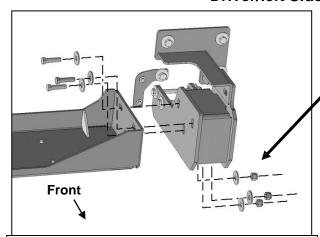
- (2) 6mm x 20mm Hex Bolts
- (4) 6mm Flat Washers
- (2) 6mm Nylon Lock Nuts



(Fig 16) Attach shutter assembly, (if equipped), to front of Relocation Brackets

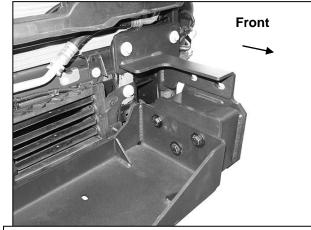
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Driver/left Side Installation Pictured



(Fig 18) Attach Winch Tray to Frame Brackets

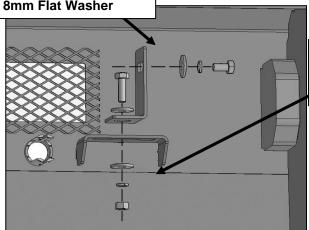
- (3) 12mm x 45mm Hex Bolt
- (6) 12mm Flat Washers
- (3) 12mm Nylon Lock Nut



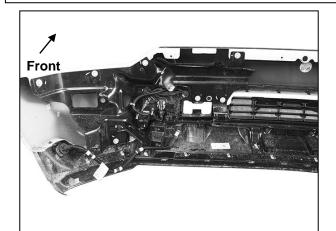
(Fig 19) Attach Winch Tray to Frame Brackets

8mm Lock Washer 8mm Flat Washer

8mm x 16mm Hex Bolt

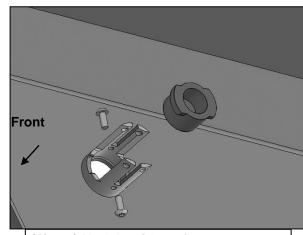


(Fig 20) Universal LED Brackets (light not included)



(Fig 22) Disassemble bumper and remove sensors, wiring harness and fog lights as equipped

8mm x 25mm Hex Bolt (2) 8mm Flat Washers **8mm Lock Washer** 8mm Hex Nut

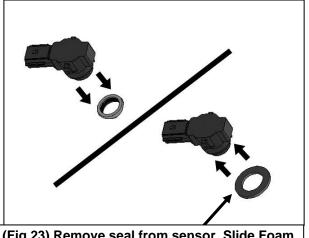


(Fig 21) Models without front sensors, push sensor Plug into sensor mount

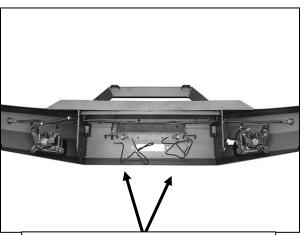
WARNING! Do not crawl under bumper unless it is properly supported on blocks or stands or the bumper may fall.

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Driver/left Side Installation Pictured

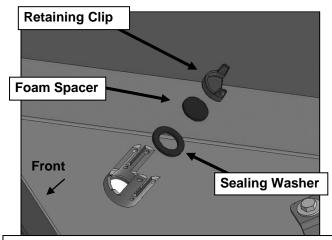


(Fig 23) Remove seal from sensor. Slide Foam Sealing Washer over end of sensor (arrow)

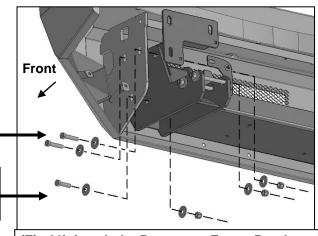


(Fig 25) Attach the included Harness Extensions to the center sensors and factory bumper harness

- (2) 12mm x 55mm Hex Bolts
- (4) 12mm Flat Washers
- (2) 12mm Nylon Lock Nuts
- (1) 12mm x 45mm Hex Bolt
- (2) 12mm Flat Washers
- (1) 12mm Nylon Lock Nut



(Fig 24) Insert sensor into Mount on back of Bumper

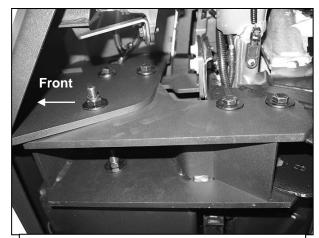


(Fig 26) Attach the Bumper to Frame Brackets

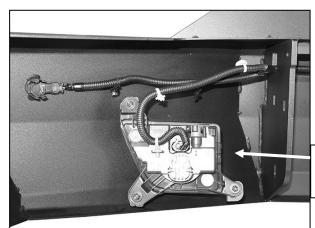
WARNING! Do not crawl under bumper unless it is properly supported on blocks or stands or the bumper may fall.

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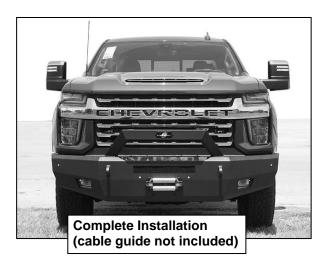
Driver/left Side Installation Pictured



(Fig 27) Driver/left side of Bumper installed

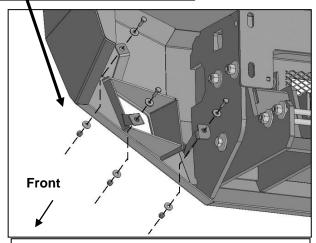


(Fig 29) Attach passenger/right fog light to mounting tabs on driver/left side of Bumper



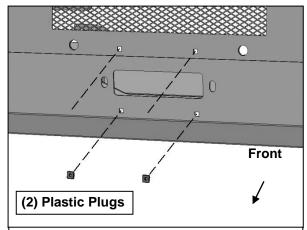
WARNING! Do not crawl under bumper unless it is properly supported on blocks or stands or the bumper may fall.

- (3) 6mm x 20mm Hex Bolts
- (6) 6mm Flat Washers
- (3) 6mm Nylon Lock Nuts



(Fig 28) Attach <u>passenger/right</u> fog light to mounting tabs on driver/left side of Bumper

- (3) 6mm x 20mm Hex Bolts
- (6) 6mm Flat Washers
- (3) 6mm Nylon Lock Nuts



(Fig 30) Attach license plate to Plastic Plugs. License plate can be installed in top or bottom location as desired to clear winch

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