

SPEC SERIES FRONT BUMPER

2023+ GMC CANYON

FBGC3-01



TOOLS REQUIRED

- T15 Torx Tool
- #4, #5, #2.5 Allen Tool
- 15mm, 16mm, 17mm, 18mm, 19mm wrenches
- 7mm, 10mm, 16mm 17mm, 18mm, 19mm sockets
- 3/16th drill bit
- File/flap wheel
- Cutting tool
- Trim Tool
- Safety Glasses

SKILL LEVEL

- Novice/Intermediate
- 2 persons

Little skill level required, you can easily install it by yourself however, additional help will be useful

TIME REQUIRED

- 6.5 Hours

Time to install this should only take about 6.5 Hours.

WARNINGS/CAUTIONS BEFORE STARTING INSTALLATION

Before you install this kit — Read and understand all instructions, warnings, cautions, and notes contained in this installation instruction guide. Consult your vehicle owner's manual for proper disconnection of electrical and lifting of vehicle if required for installation of this product.

This install may require some technical skills and knowledge of basic mechanical work. If you do not feel that you are capable of performing this install please take this product to a trained professional.

After reading this guide please contact us with any questions or concerns before installing product.
Customer Service: 855-680-9595

DV8 Offroad is not responsible for any bodily injury or harm to you or your vehicle as a result of an improper install.

Proper installation of this kit required knowledge of the factory recommended procedures for removal and installation of original equipment components. We recommend that the factory shop manual and any special tools needed to service your vehicle be on hand during the installation. Installation of this kit without proper knowledge of the factory recommended procedures may affect the performance of these components and the safety of the vehicle

- Always wear eye protection when operating power tools

Inspect all contents of this package to make sure product is not damaged and all installation hardware has been included. If parts are missing from kit, please be prepared to provide the following information

1. Name of purchase location
2. Bar Code on side of box
3. Date above bar code
4. Date inside box cover

INSTALLATION MANUAL

Begin by unpacking all items and inspecting for missing pieces or damage. If you have any concerns, please contact the company the product was purchased from. Extra hardware may be included with the product.

HARDWARE INCLUDED

- | | |
|-------------------------------|------------------------------|
| (4) M10x35 Hex Bolts | (8) M6 x 20 Allen Head Bolts |
| (8) M10x30 Hex Bolts | (6) M6 Nylon Lock nuts |
| (10) M10 Nylon Lock Nuts | (14) M6 Flat Washers |
| (12) M10 Flat Washers | (1) M4x70 Allen Head |
| (4) M10 Large Flat washers | (1) M4 Nylon Lock Nut |
| (14) M8x20 Counter sunk bolts | (2) M4 Flat Washers |
| (8) M8x20 Allen head bolts | (4) M12x80x30 Hex Bolts |
| (8) M8 Flat Washers | (4) M12 Nylon Lock Nuts |
| | (8) M12 Flat Washers |



STEP 1 | Using a T15 Torx tool, remove the (6) factory bolts that secure the front inner fenders to the front bumper on each side.



STEP 2 | Fold back the inner fender to gain access to the back of the grille/ bumper assembly.



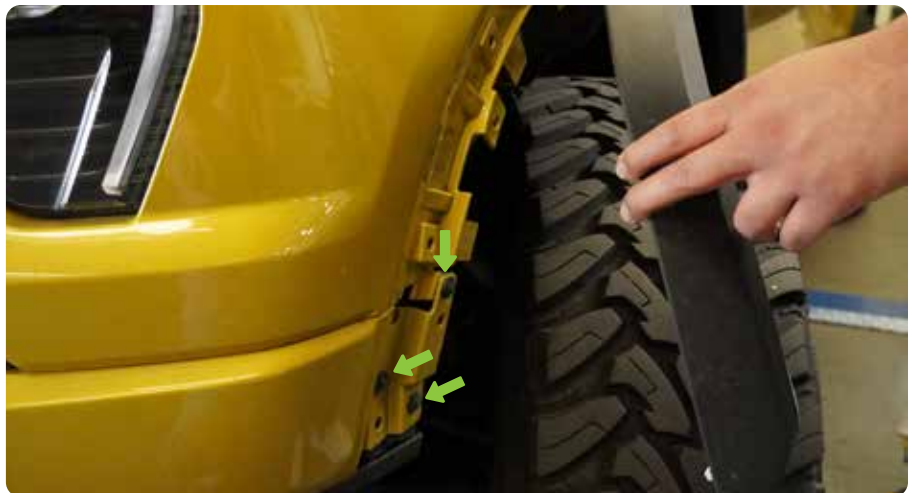
INSTALLATION MANUAL

STEP 3 | With a firm grip, separate the fender flare from the front bumper/grille assembly as shown on each side.

Note: Full fender flare removal is not required.



STEP 4 | Using a 7mm socket, remove the (3) bolts that secures the factory bumper to the vehicle/grille assembly on each side.



INSTALLATION MANUAL

STEP 5 | Use a 7mm socket to remove the (2) bolts that secures the grille assembly to the fenders



STEP 6 | Using a T15 Torx tool, remove the (3) bumper support bolts that on each side.



INSTALLATION MANUAL

STEP 7 | Using a 7mm socket, a swivel and a extension, loosen the fender bracket bolt



STEP 8 | Once the fender/grille assembly bracket bolts have been loosened, with a firm grip, separate the grille assembly from the fender as shown.



INSTALLATION MANUAL

STEP 9 | Using a T15 Torx tool, remove the (6) bolts that secures the bottom of the bumper/grille assembly to the radiator support.



STEP 10 | Reach through the passenger side inner fender and disconnect the fog lights wiring harness.

Disconnect the harness by first pulling the red locking tab back, then depress the gray tab to release the two electrical plugs, then pull the two electrical plugs apart while keeping pressure on the gray tab.



INSTALLATION MANUAL

STEP 11 | Moving to the engine bay, use a T15 Torx tool to remove the (4) bolts that secure the grille assembly to the grille support frame.



STEP 12 | Slightly lift up on the upper grille lip to free the locking tabs, with a firm grip, carefully, pull the grille/bumper assembly straight back away from the vehicle as shown.

Set the bumper/grille assembly off to the side on a protected work bench or a protected surface to prevent paint damage.





STEP 13 | Use a 7mm socket to remove the (4) bolts that secure the lower shutter assembly to the.



STEP 14 | Carefully disconnect the shutters wiring harness. Set the shutter assembly off to the side.

Note: Use caution when using a pry tool, these connections can be tough/stuck due dirt build up.



INSTALLATION **MANUAL**

STEP 15 | Use an 18mm socket and an adjustable wrench to remove the factory recovery hooks.



STEP 16 | Using a 15mm socket, remove the (6) bolts that secure the factory crash bar.



STEP 17 | Using a 7mm socket, remove the (2) bolts that secure the crash bar on the backside.

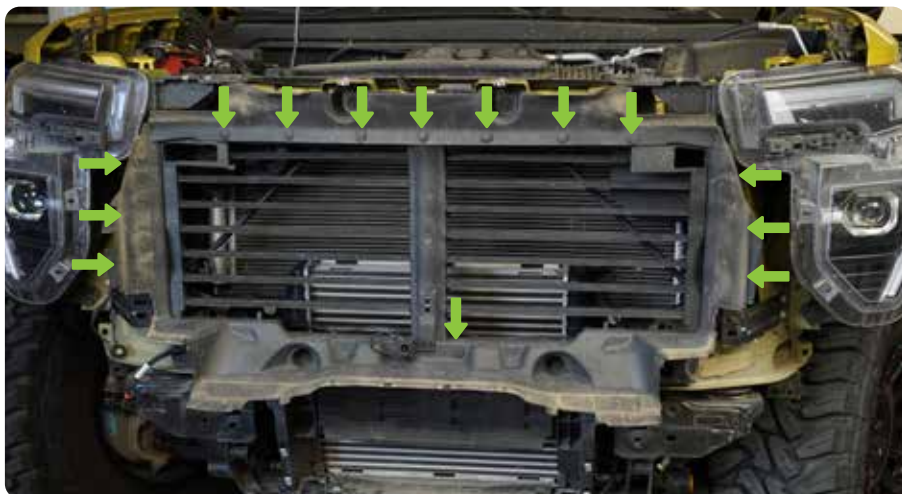
NOTE: Use caution when removing these bolts as the crash-bar can fall to the ground once removed.





STEP 18 | Using a trim clip tool, remove all the plastic push pins that secure the upper shutter shroud.

Note: Remove shroud only.



INSTALLATION MANUAL

STEP 19 | Using scissors cut off the bottom portion of the upper shutter shroud as shown.

Reinstall the upper shutter shroud.



STEP 20 | Lay the bumper/grille assembly face down onto a covered surface to protect the paint.

Using a 7mm socket, remove the (4) bolts that secure the upper grille assembly.





STEP 21 | Using needle nose pliers and a trim tool, undo the clips that tie in the bumper to the grille assembly.

Set the bumper off to the side it will not be reused.



INSTALLATION MANUAL

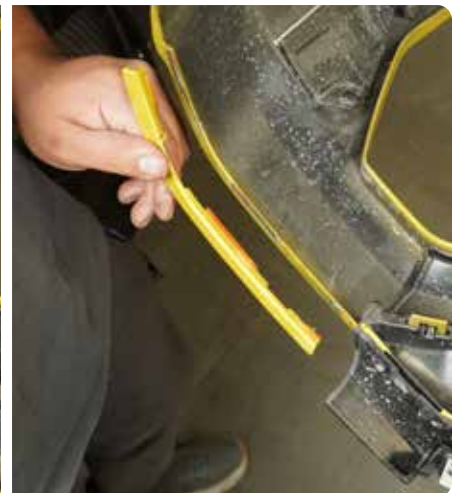


INSTALLATION MANUAL

STEP 22 | Using a marker, place a cut line following the bumper clips that were just removed.



STEP 23 | Using your preferred cutting tool. Follow the cut line, cutting off the bumper clip lip.





STEP 24 | Use a file to shave down any rough edges. Now that the cut portion of the install is finished you can now build out the bumper.



INSTALLATION MANUAL

STEP 25 | Place the bumpers center section on to a covered surface to avoid scratching the coating.

If planning to run 3" pod lights mount the lights to provided brackets first as shown using the hardware provided with your chosen pod light.

Compatible 3" POD lights: DV8 Elite (clear/amber), Rigid Dually, Rigid Radiance, Baja Designs Squadron (non-pro), Diode Dynamics



STEP 26 | Place the light into the bumper, behind the mounting plate, and then mount the light bracket to the bumper. Using A #4 allen tool and the provided M6 allen head hardware.

Use (1) M6 split washer and (1) M6 Flat washer per allen head bolt.



INSTALLATION MANUAL

STEP 27 | If planning to run a light bar, use the light bar mounting brackets provided with the bumper kit. Secure the provided light bracket to your chosen light bar using the hardware provided with your light bar.

Compatible 20" single or dual row light bars: DV8 Halo Elite, DV8 Elite, Rigid SR Series (single row), Baja Designs Squadron (non-pro), Rigid E- Series (dual row), Baja Designs OnX6 (dual row), Diode Dynamics.



STEP 28 | Place the light bar into the DV8 bumpers center section. Using a #4 allen tool and 10mm wrench or socket secure the light bar brackets to the bumper using (4) of the provided M6 allen head bolts and M6 nylon lock nuts.

Use (1) M6 split washer and (1) M6 flat washer per bolt.



INSTALLATION MANUAL

STEP 29 | Moving to the bumper wing installation, first place the provided peel and stick foam isolators onto the bumper as shown.



STEP 30 | Using a 17mm and 16mm wrench, loosely secure the wings to the bumper using the (6) provided M10 hex bolts and M10 nylon lock nuts.

Use (2) M10 flat washer per bolt; (1) washer on the bolt head side and (1) washer on the nylon lock nut side.



INSTALLATION MANUAL

STEP 31 | Align the wings with the bumpers center section. Once aligned, secure the wings in place using a 17mm and 16mm wrench.



STEP 32 | If planning to run a winch, install the your chosen fair-lead at this time using the hardware provided with the fair-lead.

For this install we chose the DV8 Pocket Fair-lead, part # WBPF-01.

Note: Roller style fair-lead are not compatible, DV8 recommends a hawse fair-lead style.



STEP 33 | Place the winch onto the bumpers winch mounting plate. While holding the winch in place, tilt the bumper forward letting the bumper rest on the D-ring mounts to gain access to the winch mounting bolt slots.

Secure the winch in place using the winch mounting hardware provided with your winch.

For this install we chose the DV8 12K winch with Synthetic Rope, part #WB12SR.





STEP 34 | With the winch installed, lay the bumper on its face. Install the winch mounting cover/flush plates center mounting bracket using the provided M8 counter sunk hardware and a #5 allen tool.



INSTALLATION MANUAL

STEP 35 | Install the cover/flush plate side mounting brackets as shown on each side using the provided M8 counter sunk allen head hardware and a #5 allen tool.



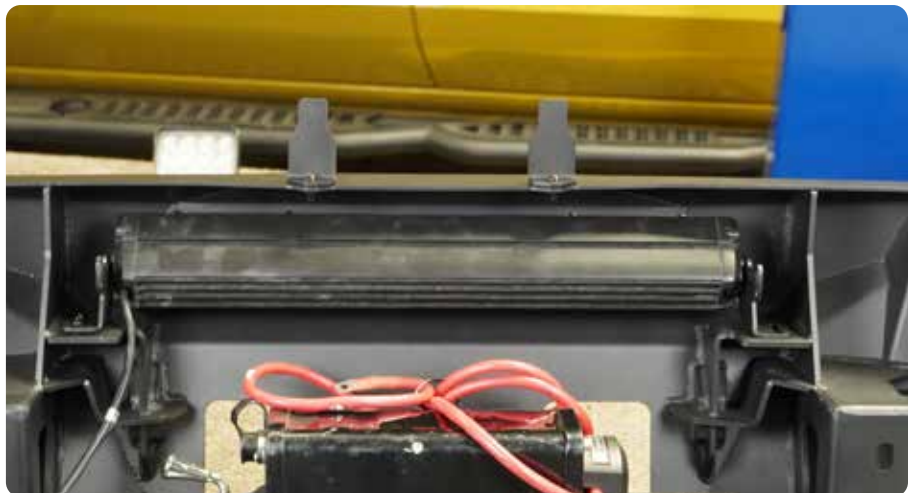
STEP 36 | Place the cover/flush plate onto the bottom of the bumper, secure the cover/flush plate using the provided M8 counter sunk hardware and a #5 allen tool.



INSTALLATION MANUAL

STEP 37 | Using a #4 allen tool and (2) of the provided M6 allen head bolts, mount the grille support brackets on to the bumper.

Use (1) M6 split washer and (1) M6 Flat washer per M6 bolt.



INSTALLATION MANUAL

STEP 38 | Place the bumper up-right.

Secure the skid plate to the bumper using the provided M8 allen head bolts.

Use (1) M8 split washer and (1) M8 flat washer per bolt.



STEP 39 | Moving back to the lower shutter, previously removed on step 13, use a pry tool to release the retaining clips on the top and bottom of the shutter.



STEP 40 | With the top and bottom retaining clips released, removed the shutters end caps.

Remove the (2) shutter blades. Set the blades off to the side.

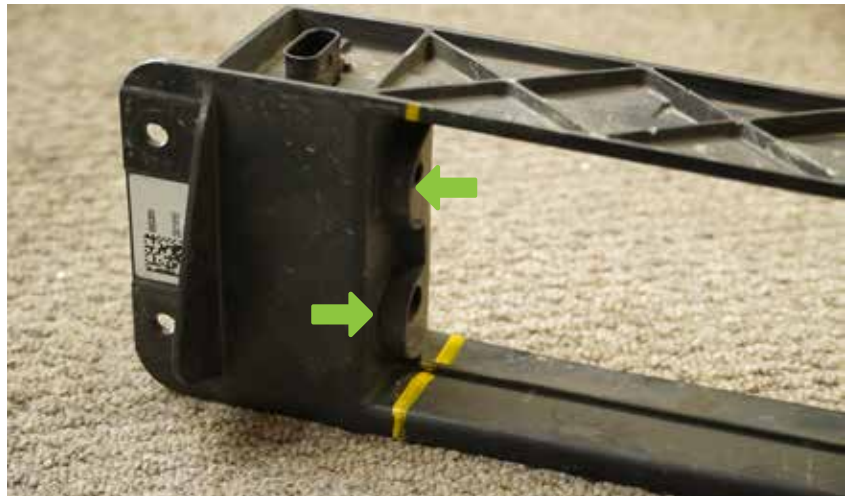




STEP 41 | Mark a cut line on the inside of the inside of the shutter motor assembly as shown.

Cut the shutter blade housing off following the cut line using your preferred cutting tool. Be sure not to trim or cut the blade mounting points (green arrows).

File any rough edges smooth using a file or sanding disc.





STEP 42 | Move over to the lower shutter blade that inserts into the shutter motor.

Mark a cut line as shown on the blade.



INSTALLATION MANUAL

STEP 43 | Using your preferred cutting tool, carefully cut off only the shutter blades pivot point.



STEP 44 | Using a 3/16 drill bit, drill a hole through the center of the pivot point.



INSTALLATION MANUAL

STEP 45 | Reinstall the pivot point into the motor, same as factory. Thread the provided M4x70mm allen head bolt through the pivot point until the bolt dead-stops.



STEP 46 | With the bolt inserted, press on the backside to score the housing. Using a 3/16" drill bit, carefully drill through the motor housing to allow the bolt to thread completely through the housing to secure the pivot point.

Tech Tip: Little to no pressure is needed to drill through the motor housing. Be careful not to damage the shutter motor.





STEP 47 | Thread the M5x70mm bolt through the pivot point, motor and motor housing. Secure the bolt using the provided M4 nylon lock nut, a 2.5mm allen tool and 7mm socket.



INSTALLATION MANUAL

STEP 48 | Install the motor housing into the skid plate bracket.

Secure the motor housing to the skid plate bracket using (2) of the provided M6 hardware and M6 nylon lock nuts. Use a #4 allen tool and 10mm socket to secure the (2) M6 bolts.



STEP 49 | Mount the bumper to the factory frame rails using the factory bumper bolts. Through bolt the lower, outer, bolt hole using the provided M10 hex bolts and M10 nylon lock nuts.

Use (1) M10 split washer and (2) M10 flat nuts per through bolt. (1) flat washer per side of the bumper.



INSTALLATION MANUAL

STEP 50 | Loosely mount the bumpers lower support brackets to the winch plate.



STEP 51 | Place the provided crash bar caps over the factory crash bars. Thread the provided M12x80mm hex bolts through the crash bar cap and through the lower support bracket.

Secure the crash bar cap and lower bumper support in place using a 18mm socket, 19mm wrench and the provided M12 nylon lock nuts.





STEP 52 | Reinstall the grille assembly in the reverse order it was removed to check over all fitment.



STEP 53 | Cut the inner fenders back to your preference using a straight blade.



INSTALLATION MANUAL

STEP 54 | Press the fenders flares as close against the body and bumper as possible. Mark a cut line where the fender flare will need to be trimmed.



STEP 55 | Cut right below the cut line previously marked. File down the rest of the material that needs to be removed using a sanding disc or file for the best over all fit and finish.

Reinstall the fender flare back on to the vehicle in the reverse order they were removed.



STEP 56 | Secure skid plate to the vehicle cross member using the factory hardware.



INSTALLATION MANUAL

STEP 57 | Reconnect the shutter motor harness.



STEP 58 | Double check that all hardware is secure.

Congratulations, installation of the DV8 GMC Canyon Spec Series front bumper is now complete.

