



## Installation Instructions

### Dodge Winch Bumper

Product Number: A1150-A1152

Application: '06-Current Dodge  
Ram 2500-3500 Heavy Duty

## SAFETY

### Your safety and the safety of others is very important.

- In order to help you make informed decisions about safety, we have provided installation instructions and other information.
- These instructions alert you to potential hazards that could hurt you or others.
- Please do a job safety analysis (JSA) before each task to identify potential hazards for your situation and remove/protect against them.
- You must use your own good judgment, and take your time.

**Read and understand all safety precautions and instructions before installing this product.**

THIS PRODUCT IS FOR OFFROAD USE ONLY. ALL LIABILITY FOR INSTALLATION AND USE RESTS WITH THE OWNER.

**CARELESS INSTALLATION AND OPERATION CAN RESULT IN SERIOUS INJURY OR EQUIPMENT DAMAGE.**

## Injury hazard

### Failure to observe these instructions could lead to severe injury or death.

- Always** remove jewelry and wear eye protection.
- Always** use extreme caution when jacking up a vehicle for work. Set emergency brake and use tire blocks. Locate and use the vehicle manufacturers designated lifting points. Use jack stands.
- Always** use appropriate and adequate care in lifting components into place.
- Always** insure components will remain secure during installation and operation.
- Always** wear safety glasses when installing this kit. A drilling operation will cause flying metal chips. Flying chips can cause serious eye injury.
- Always** use extreme caution when drilling on a vehicle. Thoroughly inspect the area to be drilled (on both sides of material) prior to drilling, and relocate any objects that may be damaged.
- Always** use extreme caution when cutting and trimming during fitting.
- Always** tighten all nuts and bolts securely per installation instructions.
- Always** route electrical cables carefully. Avoid moving parts, components that become hot and rough or sharp edges.
- Always** insulate and protect all exposed wiring and electrical terminals.
- Always** perform regular inspections and maintenance on mounts and related hardware.





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#### I. Overview

Congratulations on your new purchase of the industries' best and most stylish Dodge Winch Bumper! This bumper has been **engineered** for strength while keeping the weight down. It can accept the Warn 16.5 winch... and look cool doing it.

This product has also been **engineered** to allow alignment in three directions plus "castor" so you will end up with a very professional fit.

Your bumper was designed in 3-D from digitized data, CNC laser cut, fabricated, and powder coated... all in the U.S.A.

Enjoy the fit and finish of a quality Dodge Winch Bumper from Fab Fours Inc!





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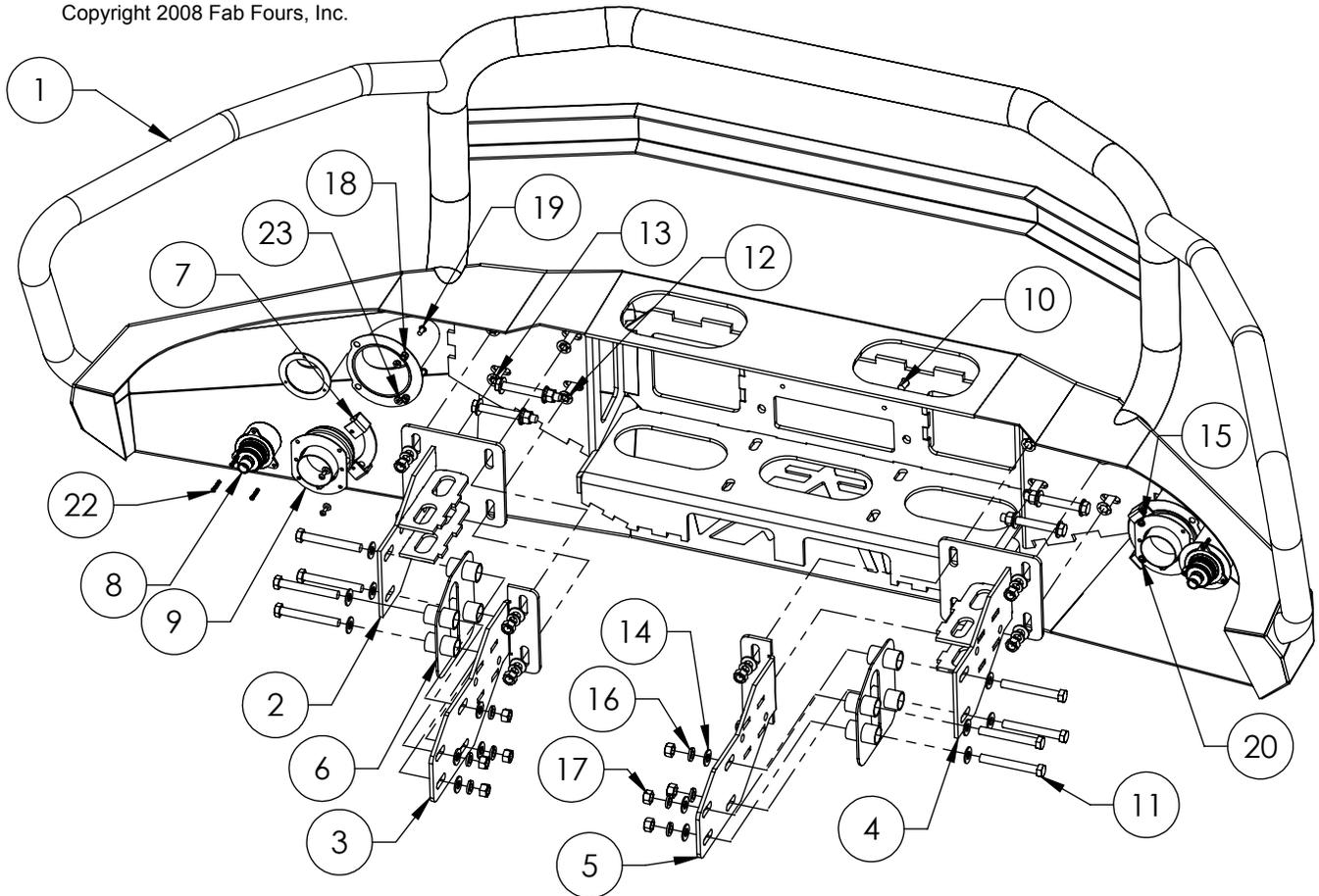
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## II. Parts List



# A1150 PACKAGING CHECKLIST

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ITEM NO.	PART NUMBER	DESCRIPTION	A1150/QTY.	CHECK
1	20000	DR06-A Bumper Weldment	1	
2	10004	DR03-A, Front Mtg Assy, Left, Outside	1	
3	20013	DR03-A, Frame Mount, Left, Inside	1	
4	10005	DR03-A, Front Mtg Assy, Right, Outside	1	
5	20012	DR03-A, Frame Mount, Right Inside	1	
6	10003	DR03-A Internal Frame Crush Weldment	2	
7	20124	90mm Fog Light Adapter Bracket	2	
8	61285	60mm Turn Indicator	2	
9	10002	90mm Fog Light Assy	2	
10	60552	0.4375 -14 UNC THREAD x 1" LENGTH SOCKET HEAD CAP SCREW	2	
11	60129	1/2 -13 UNC THREAD x 4" LENGTH HEX HEAD CAP SCREW, GRADE 8	12	
12	60121	1/2 -13 UNC THREAD x 1 1/4" LENGTH HEX HEAD CAP SCREW, GRADE 8	4	
13	60120	1/2 -13 UNC THREAD x 1 1/2" LENGTH HEX HEAD CAP SCREW, GRADE 8	4	
14	61164	1/2" SCREW DIA, SAE STANDARD FLAT WASHER	40	
15	61153	#10 SCREW DIA, SAE STANDARD FLAT WASHER	8	
16	61307	1/2 SCREW DIA REGULAR SPRING LOCK WASHER	20	
17	61238	1/2" -13 THREAD HEX NUT, GRADE 8	20	
18	61230	1/4" -20 THREAD HEX NUT, GRADE 8	4	
19	60883	1/4 -20 UNC THREAD x 1/2" LENGTH BUTTON HEAD SOCKET CAP SCREW	4	
20	60872	#10 -32 UNF THREAD x 1/2" LENGTH BUTTON HEAD SOCKET CAP SCREW	4	
21	61306	PUSH NUT RETAINER, 1/2"	8	
22	61287	PAN HEAD THREAD FORMING SCREW, #8-18 x 1"	6	
23	61308	#10 -32 THREAD HEX MACHINE SCREW NUT	4	
24	10012	FAB FOURS FOG LAMP HARNESS	1	
25	10021	FAB FOURS TURN INDICATOR HARNESS	1	



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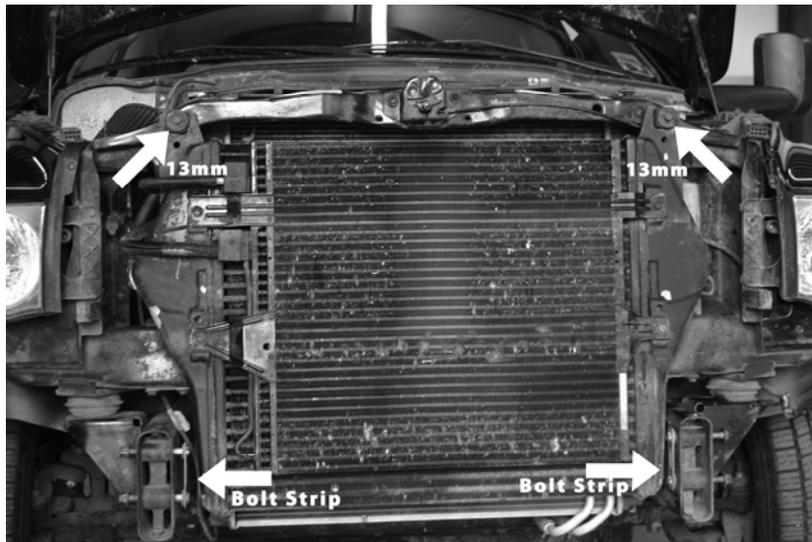
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### III. Tools Required

- Electric Drill
- 9/16" Drill bit
- Electric Hand Grinder
- Pry Bar
- Socket Wrench With Extension
- 10mm or 13mm Socket (year dependent)
- 18mm Socket
- 3/4" Socket
- 3/4" Open End Wrench
- 7/16" Open End Wrench
- 3/8" Open End Wrench
- 1/8" Allen Wrench
- 5/32" Allen Wrench
- Center punch
- Hammer
- Tin Snips

### IV. Vehicle Preparation

- A) Open hood.
- B) Diesel Only: Remove two 10mm (or 13mm) bolts holding top of intercooler to radiator support (Picture #1)



Picture #1

- C) Disconnect fog light wiring harness located under the driver-side bumper, zip tie to hole in body.





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- D)** Remove four 18mm nuts and two bolt strips holding OEM bumper to frame rails. Diesel only: Move one side of intercooler at a time to remove bolt strips (Picture #2). NOTE: Be careful not to damage intercooler fins.



Picture #2 (Diesel only)

- E)** Remove OEM bumper
- F)** Re-install and tighten two bolts holding top of intercooler to radiator support (Picture #1).
- G)** Using a grinder, grind off the tack weld holding the OEM internal frame crush brace (Picture #3).





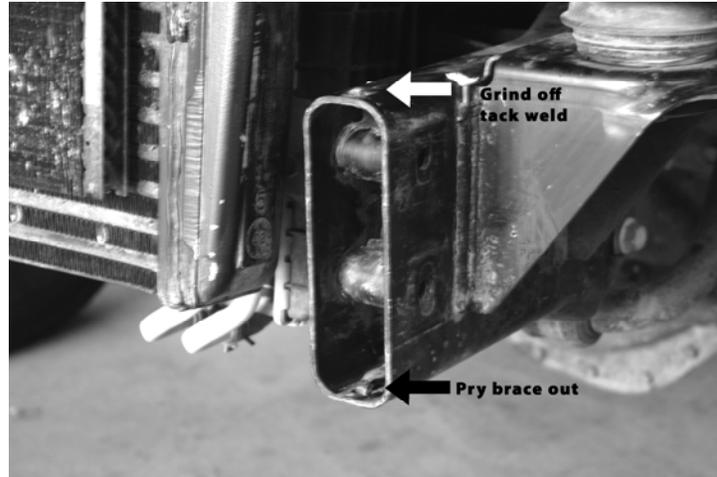
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Picture#3

- ❑ H) Use a pry bar to remove the OEM internal frame crush brace from the frame rail (Picture #3).
- ❑ I) Install drilling template using the bolt strip from step D (Picture #4).  
Note: From now on install the bolt strip from outside to in. Install the top nut first and then tighten both.



Picture #4

Note: Drilling template is shown white for clarity





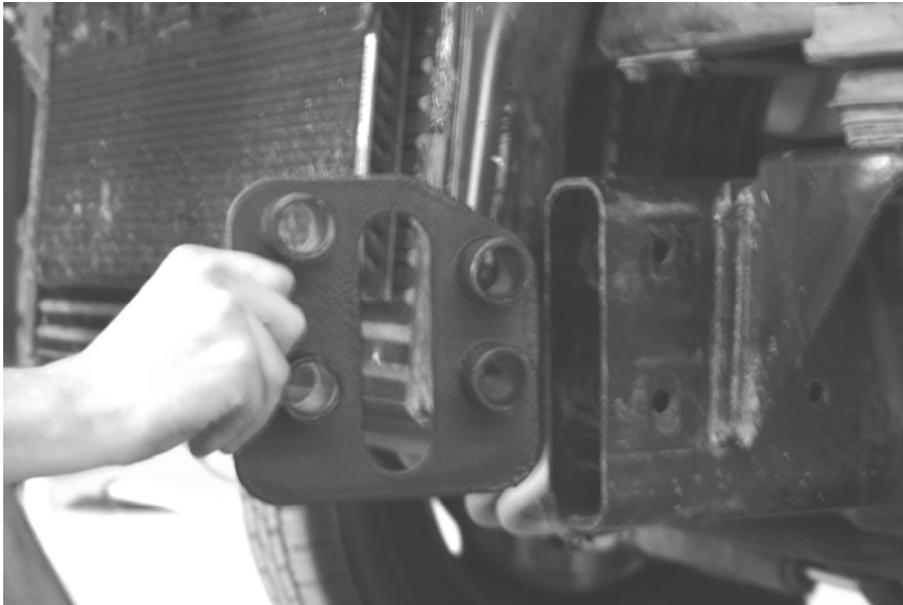
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- J)** Using a center punch mark the two holes toward the rear of the truck (Picture #4).
- K)** Carefully drill the marks out completely through the frame rail with the 9/16" drill bit. Insuring that you stay level in order to later match the slots on the mounting bracket (#2/4). Note: as a precaution hold a piece of wood between the frame rail and the radiator to catch drill "punch thru."
- L)** Install frame rail crush sleeve unit (#9) into frame rail (Picture #5).  
Note: Beveled corner of crush sleeve unit is up and toward rear of truck.



Picture #5

- M)** Complete steps G-L for the opposite frame rail.





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## V. Lights and wiring installation

### Turn Indicator

- ❑ A) Remove headlights following procedure in owners manual. On each side, tap into the three turn indicator wires using supplied tap connectors (reference the wiring diagram).



Picture #6

- ❑ B) Connect supplied turn indicator wiring harnesses to tap connectors following wiring diagram; repeat for other side.
- ❑ C) Replace headlights in reverse order of removal.
- ❑ D) Tap into OEM fog light harness following wiring diagram using two supplied tap connectors.
- ❑ E) Connect supplied fog lamp wiring harness to tap connectors following wiring diagram.





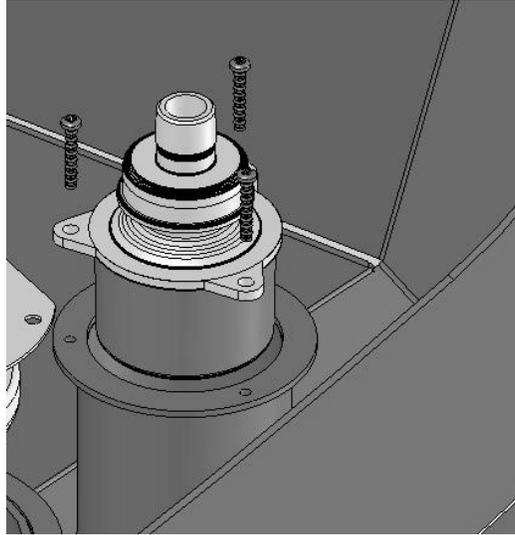
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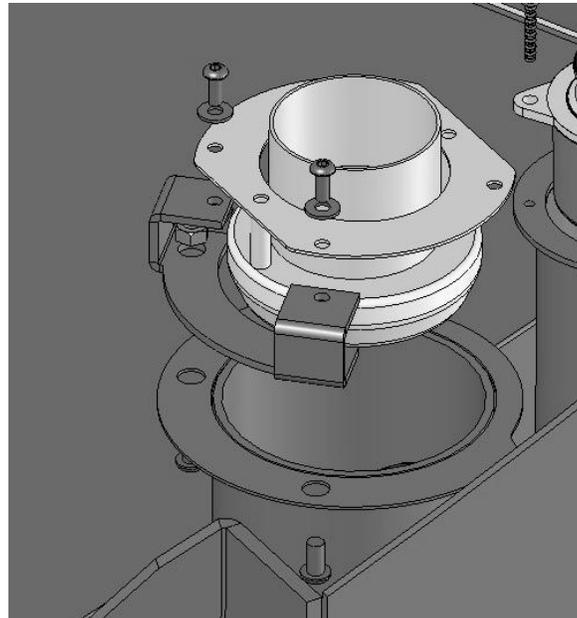
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- F) Install turn indicators into outside bumper light pockets using three self-tapping screws (#14) per side.



Picture #7

- G) Install fog lamp brackets onto inner light pockets using two bolts and nuts (#18, #19) per side and attach running light to bracket as shown using two bolts, washers, and nuts (#16, #17, #15) per side. Verify proper alignment of lights before fully tightening.



Picture #8





## Installation Instructions

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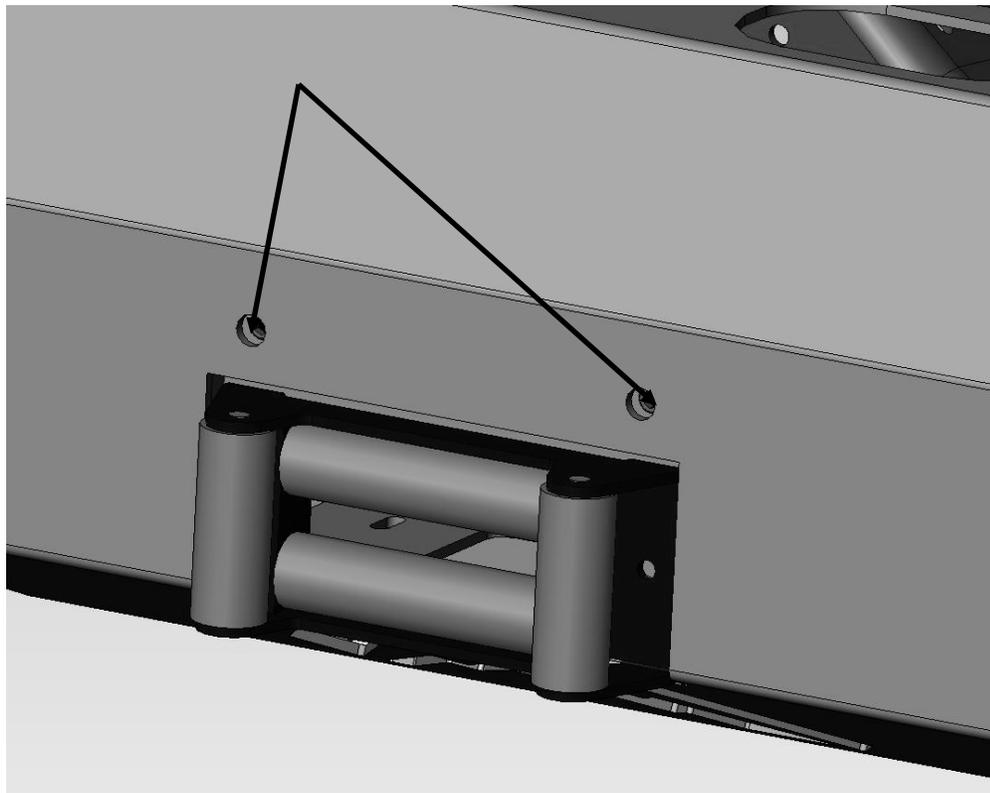
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- ❑ H) Connect wiring harnesses to lights as shown in wiring diagram.
- ❑ I) Verify proper operation of lights. **Note:** Turn indicators should be dim during "running" condition and flash bright for turn.

### VI. Dodge Winch Bumper Installation

- ❑ **Optional:** If installing winch and roller fairlead (neither provided) into bumper, do it at this time. Bottom bolts (not provided) go through fairlead, then into winch. Thread 7/16" cap screws (#22) through hole in front bumper and into winch body.



Picture #9





## Installation Instructions

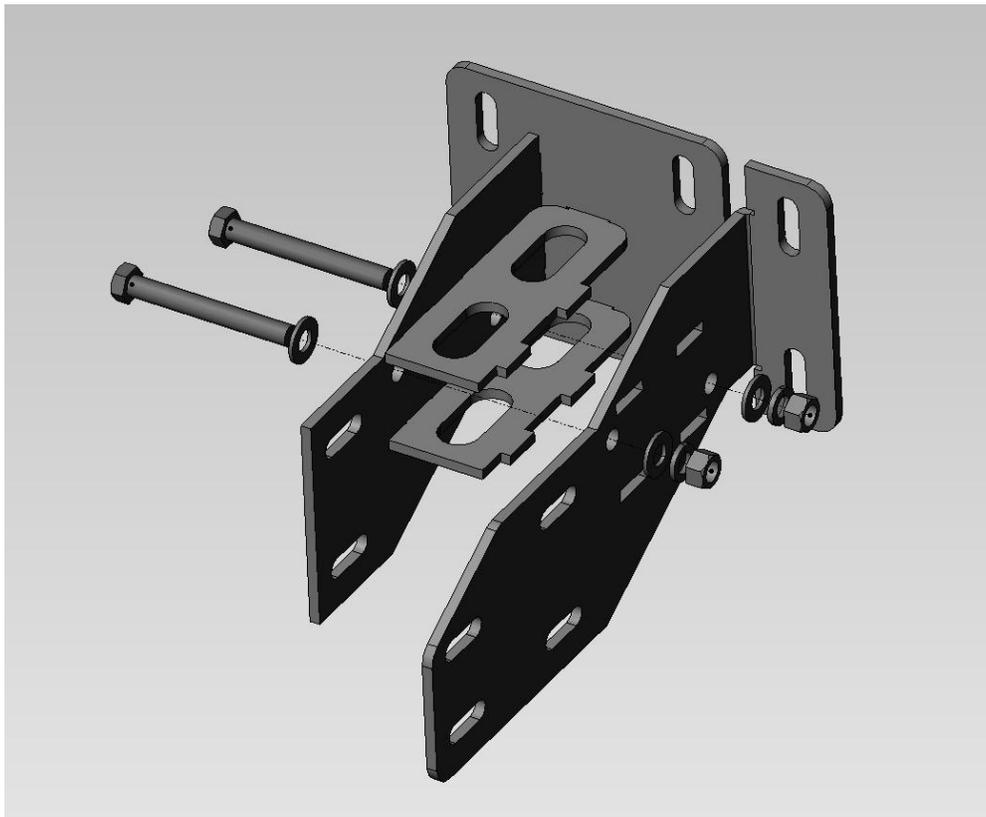
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- A) Assemble the mounting brackets by putting two halves together (Picture #9) and loosely installing two 1/2" bolts (#13), four flat washers (#10), two lock washers (#11), and two hex nuts (#12), to hold assembly together. Left side shown. Repeat for other side.



Picture #10





## Installation Instructions

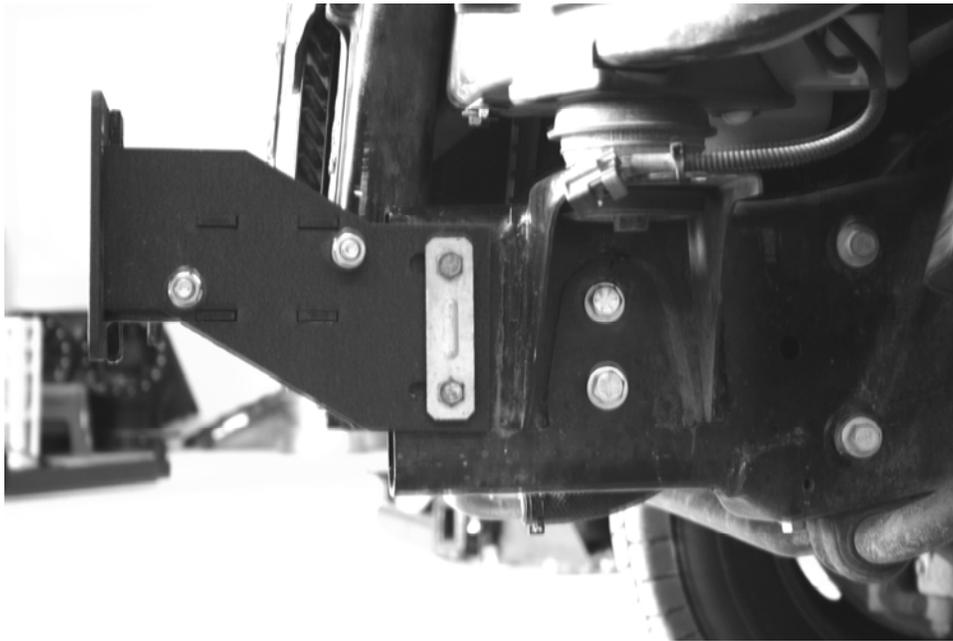
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- B) Install mounting brackets to frame rails with the bumper mounting flanges "up" (Picture #10) using two 1/2" bolts (#13), four flat washers (#10), two lock washers (#11), and two hex nuts (#12), along with OEM fasteners on front hole set. Finger tighten only to allow adjustment.



Picture #11





## Installation Instructions

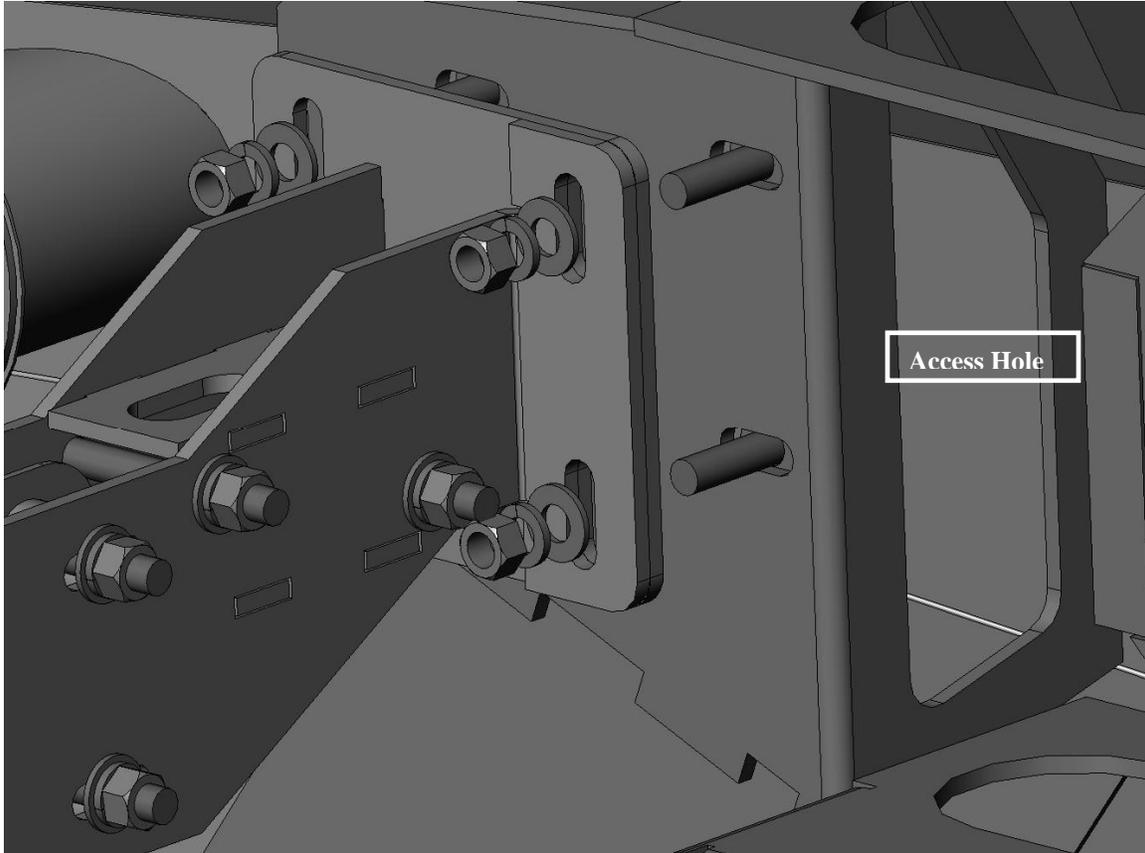
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- ❑ C) Install 1/2" x 1 1/2" bolts (#21) with washer (#10) through outside hole set and 1/2" x 1 3/4" bolts (#20) with washer (#10) through inside hole set. Utilize access holes to insert bolts. Repeat for other side.



Picture #12

- ❑ D) Carefully lift bumper and line bolts up to the mounting holes on frame mounts. Hold bumper against mounting flanges and install a flat washer (#10), lock washer (#11), and nut (#12) on each bolt. Finger tighten only to allow adjustment.
- ❑ E) Adjust the bumper to achieve good visual alignment as follows:
  1. Adjust "castor" and in/out with mounting bracket.
  2. Adjust left/right and up/down with the bumper/bracket flange bolts.





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- F) Verify that hood clears tubing (if applicable), and closes fully before the bolts are tightened completely. Tighten all fasteners, beginning with frame mounts; then tighten all mount-to-bumper fasteners.

**Optional:** Trim inner plastic fender with tin snips to match bumper profile.





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## VII. Wiring Diagram

### Driver Side Turn Indicator at Headlight

OEM (Running) White/Yellow →Red Fab Fours

OEM (Turn) White/Green→White Fab Fours

OEM (Ground) Black→Green Fab Fours

### Passenger Side Turn Indicator at Headlight

OEM (Running) White/Grey →White Fab Fours

OEM (Turn) White/Brown→Red Fab Fours

OEM (Ground) Black/Brown→Green Fab Fours

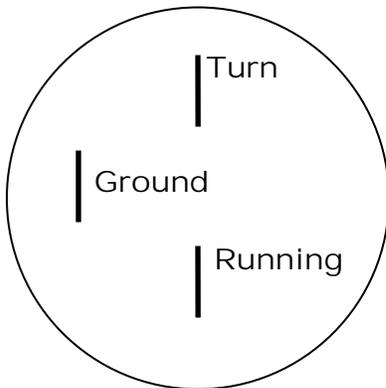
### Fog Lamp

OEM (Power) White/Yellow →Red Fab Fours

OEM (Ground) Black →Green Fab Fours

**Note: Tap into Fab Fours driver side fog lamp harness to supply passenger side**

### **Hella Turn Indicator Connectors**





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#### VIII. Maintenance/Care

- Periodically check and tighten all fasteners.
- Stripped, fractured, or bent bolts or nuts need to be replaced.

#### IX. Contact Information

Fab Fours Inc.  
10424 Rodney St  
Charlotte, NC 28134

Phone (866)-385-1905  
Fax (866)-574-1424  
Email [Support@fabfours.com](mailto:Support@fabfours.com)



More than expected... Better than expected





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