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Installation Instructions
SRC/XRC Gen 2 Rear Bumper
2007-2018 JK/JKU
Part# 76614 & 76858

NOTE: Carefully read entire instructions thoroughly before attempting to install this part. Photos are for illustration purposes and actual product may vary. The installation process will remain the same.

Video Installation



Updated Instructions



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Instructions Revised: 11/20/2020

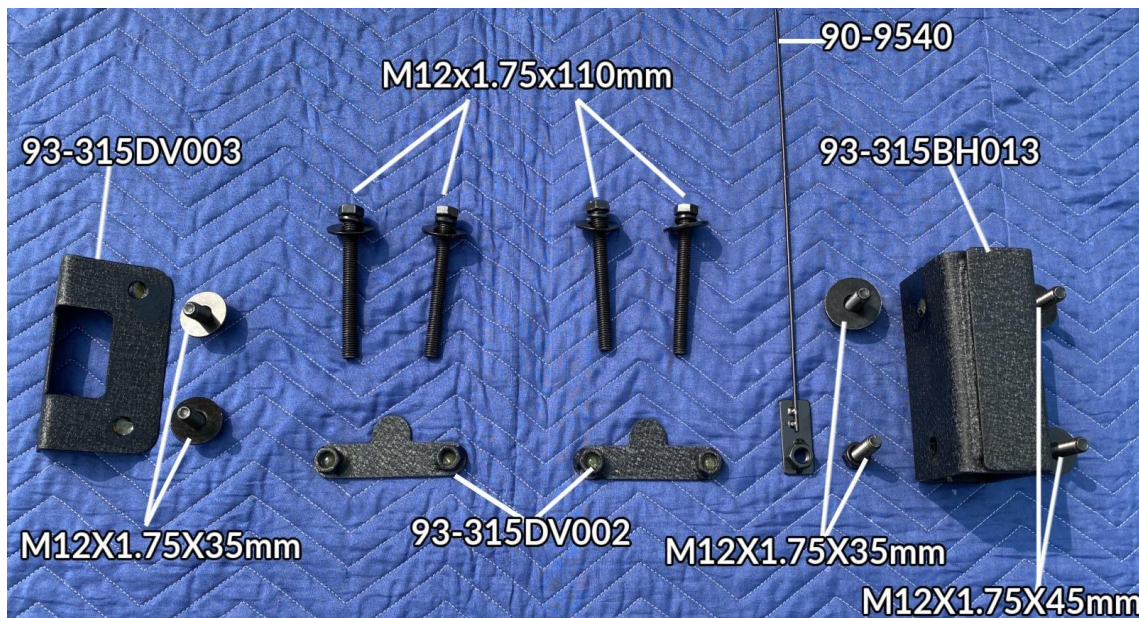


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S/B76614 Parts Included	QTY	S/B76858 Parts Included	QTY
93-313AR001 – SRC GEN 2 REAR BUMPER	1	93-315DV001 – XRC GEN 2 REAR BUMPER	1
93-315DV002 – NUT PLATE: CENTER FRAME	2	93-315DV002 – NUT PLATE: CENTER FRAME	2
90-9540 – NUT PLATE WITH ROD	2	90-9540 – NUT PLATE WITH ROD	2
93-315DV003 – NUT PLATE: DRIVER FRAME	1	93-315DV003 – NUT PLATE: DRIVER FRAME	1
93-315BH013 – PIVOT MOUNT NUT PLATE	1	93-315BH013 – PIVOT MOUNT NUT PLATE	1
M12X1.75X110MM CLASS 10.9 HEX BOLT	4	M12X1.75X110MM CLASS 10.9 HEX BOLT	4
M12X1.75X35MM CLASS 10.9 HEX BOLT	4	M12X1.75X35MM CLASS 10.9 HEX BOLT	4
M12X1.75X45MM CLASS 10.9 HEX BOLT	2	M12X1.75X45MM CLASS 10.9 HEX BOLT	2
M12X1.75X50MM CLASS 10.9 HEX BOLT	1	M12X1.75X50MM CLASS 10.9 HEX BOLT	1
12MM I.D X 40MM O.D. WASHER	1	12MM I.D X 40MM O.D. WASHER	1
12MM FLAT WASHER	10	12MM FLAT WASHER	10
12MM SPLIT LOCK WASHER	10	12MM SPLIT LOCK WASHER	10



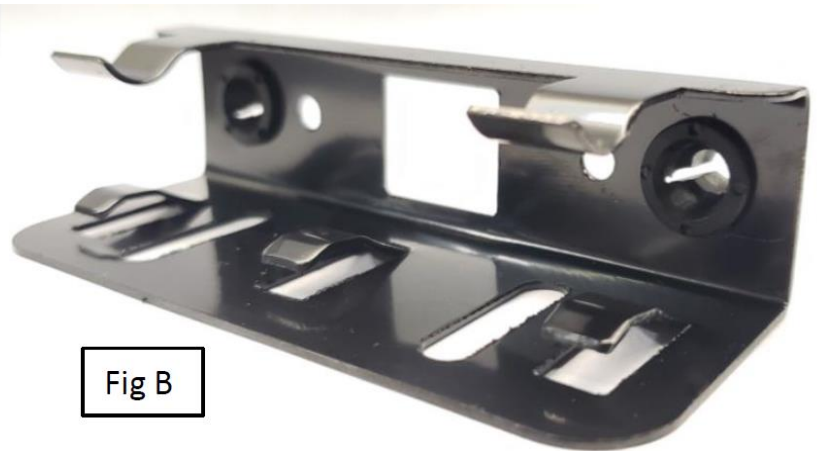
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Step 1: Install the plastic inserts into the light brackets as shown. **Fig A & B**



Step 2: Install the bracket onto the bumper using the provided M8 bolts and flat washers. Each light bracket uses **(2)** bolts, **(4)** flat washers, and **(2)** nuts. Install the bolt through the light bracket and through the bumper. Install the flat washer and nut onto the bolt, but do not tighten the hardware yet. Adjust the light position to your liking. Once the light is adjusted you can tighten down the hardware.



If you line up the bracket with the edge of the cut out, it will be slightly recessed from the face of the bumper. **(Fig. C)**

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Step 3: Install the light by running the wire through the hole then push the pegs on the light into the plastic retainers on the bracket. **Fig D & E.**

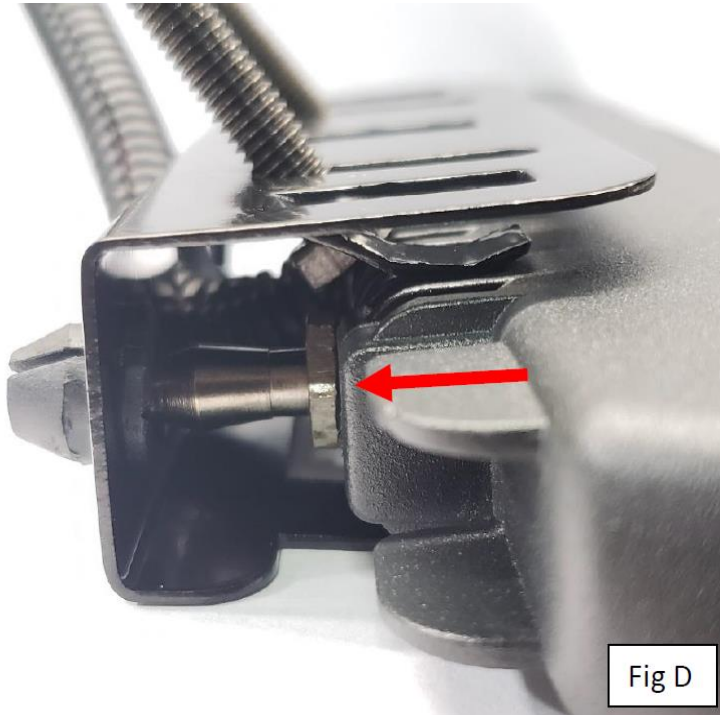


Fig D

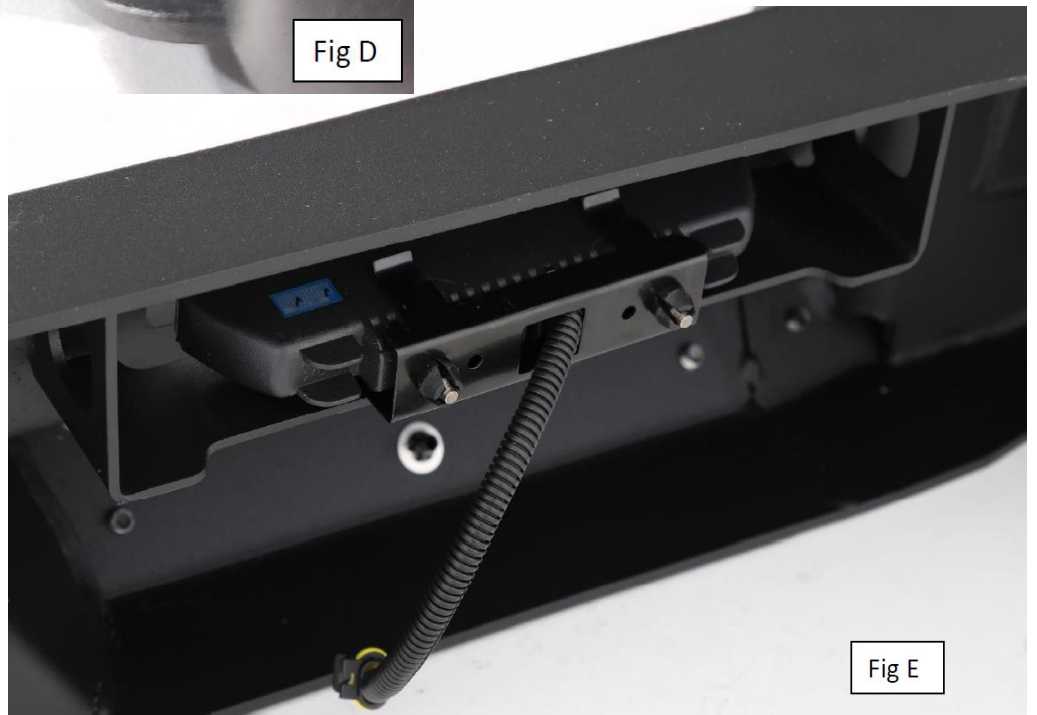


Fig E

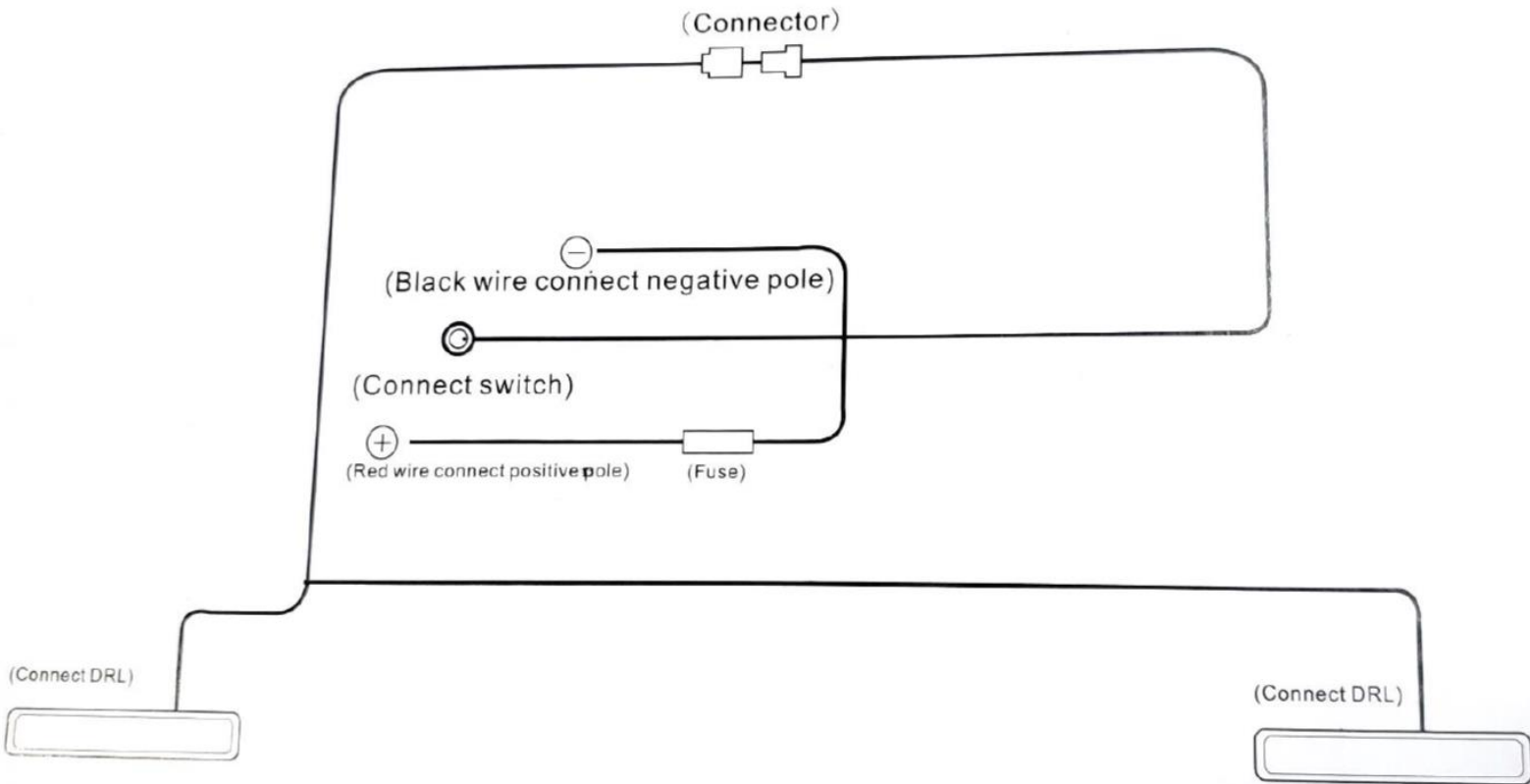
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Below is the wiring diagram for the lights.



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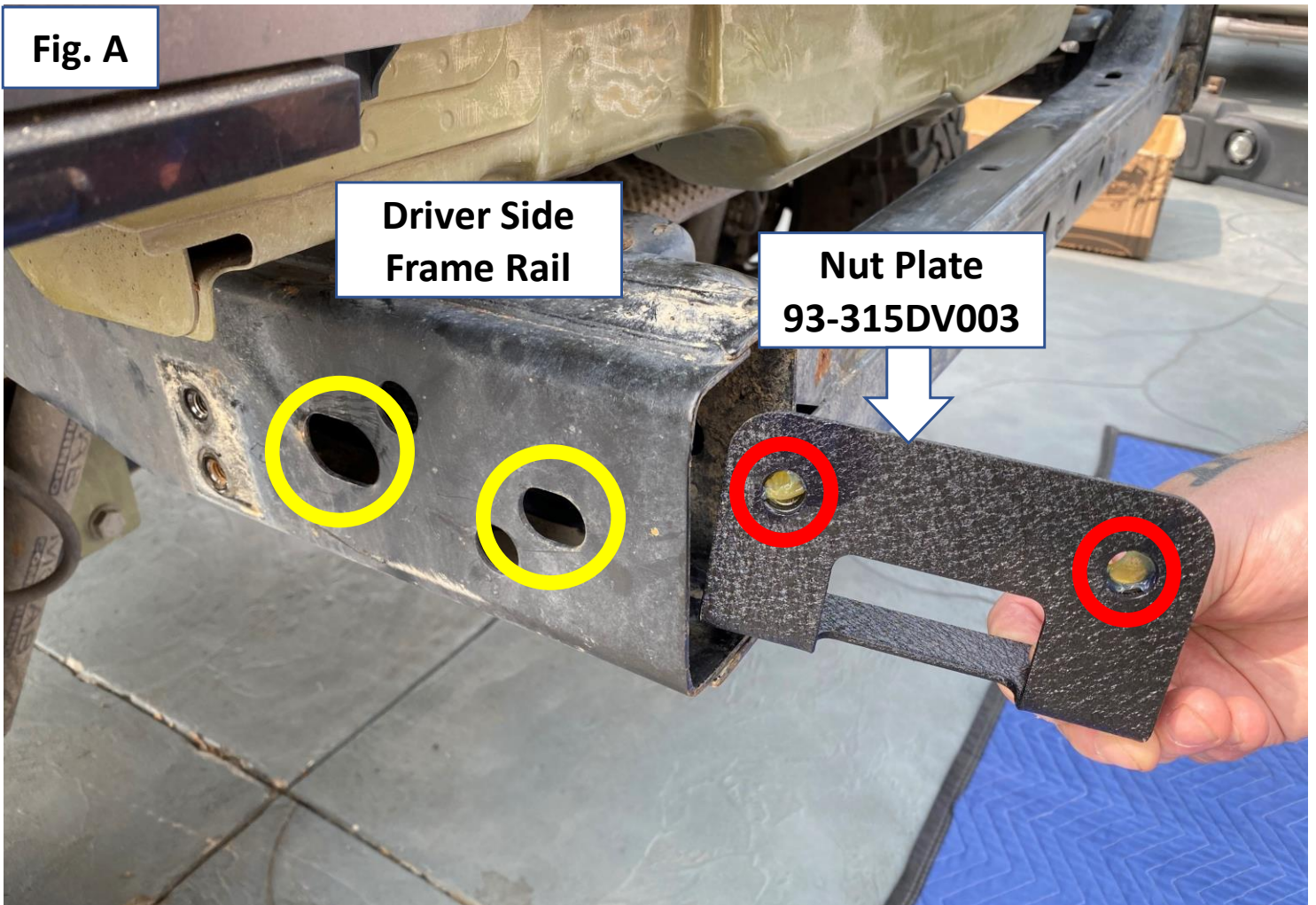


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Step 4: Remove the factory rear bumper and hardware from your Jeep

Step 5: Install the driver side nut plate (**93-315DV003**) by sliding it into the frame rail on the driver's side of the vehicle. (**Fig. A**)



Note: The holes on the nut plate (circled in red) should line up with the holes on the frame rail (circled in yellow). Do not install the bolts yet.

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Step 6: Install the passenger side nut plate (93-315BH013) by sliding it into the passenger side frame rail (Fig. B & C)



Fig. B

Note: Due to variances in the frame of Jeeps between different model years, you may need to use a hammer to install this nut plate. You may also need to remove the rear passenger side body mount bolt. (See Step 8)



Fig. C

Note: Make sure the outer holes on the nut plate line up with the holes in the frame (circled in yellow) (Fig. C)

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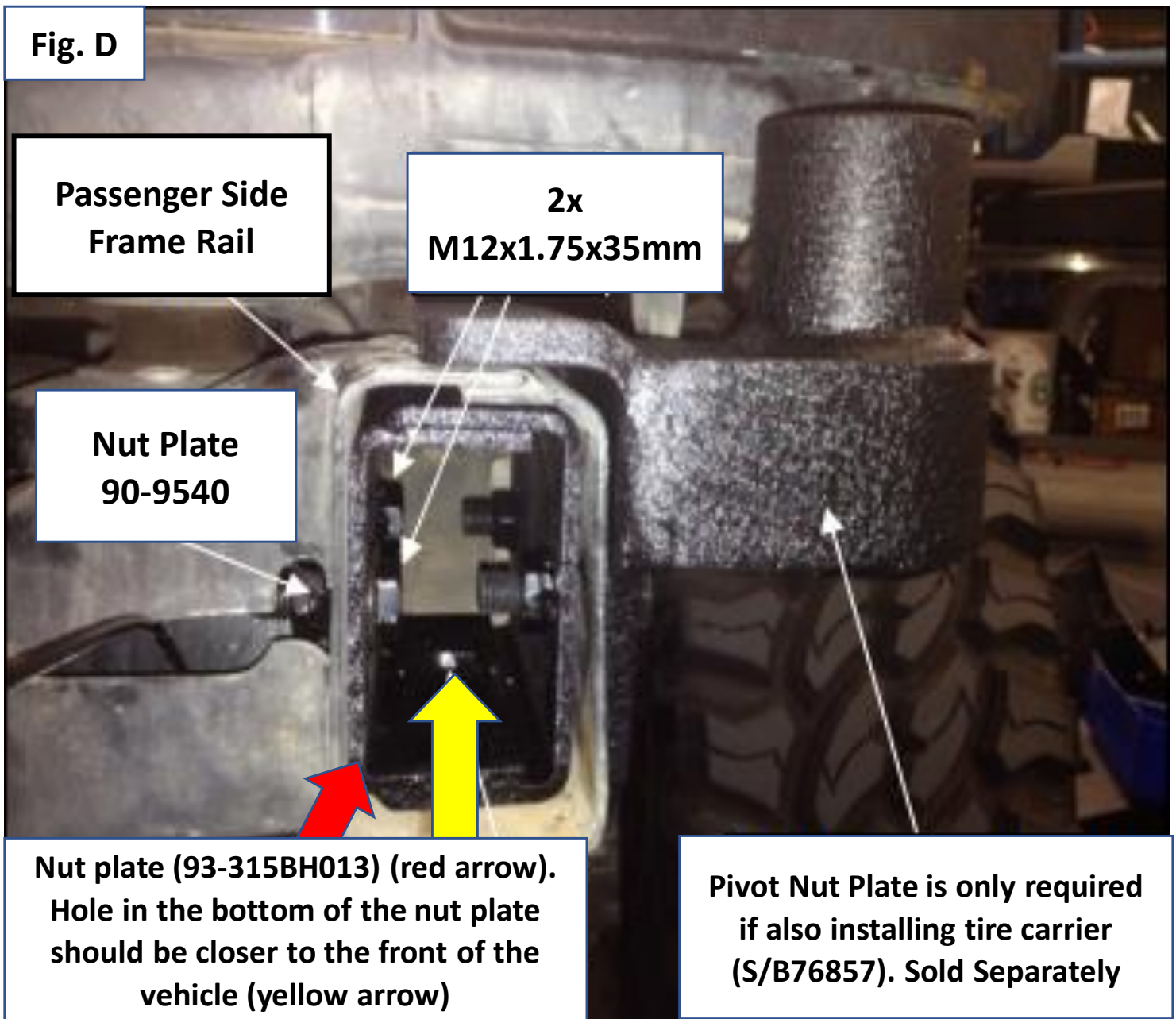


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Step 6 (Continued): Install two M12x1.75x35mm bolts into the two bolt holes on the inside of the frame rail. Then screw them into the nut plate (**93-315BH013**) (Fig. D) Note: See steps 7 and 8 for more details

Fig. D



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Step 7: Install the nut plate with rod (**90-9540**) by bending the rod into shape and inserting it into the rear crossmember (circled in red below) Then secure the M12x1.75x35mm bolt from the inside of the frame rail into this nut plate. (**Fig. E & F**) Note: This bolt goes through the only hole on the passenger side nut plate without a welded nut.

Fig. E



Note: Once the nut plate is installed you can break the rod off by bending it back and forth.

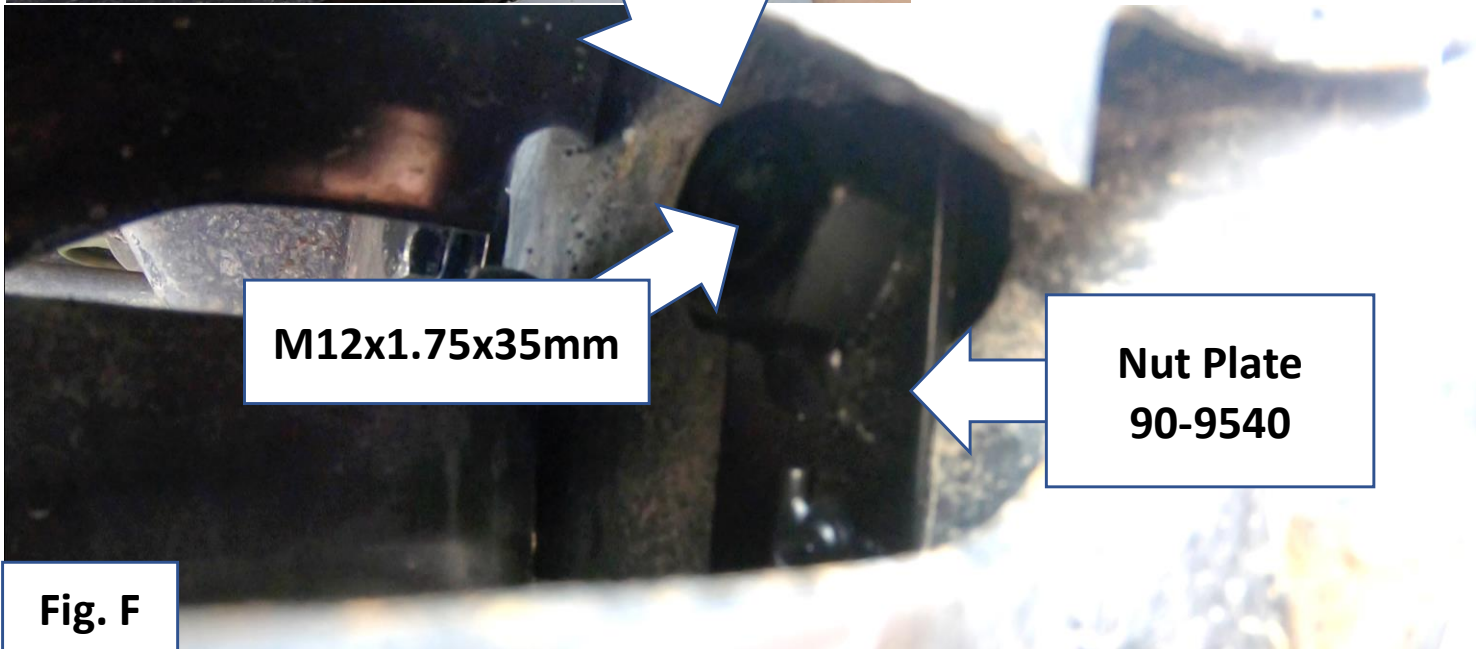


Fig. F

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Step 8: Install rear inner M12x1.75x35mm bolt with the 40mm O.D. washer (circled in **red**) into the threaded nut on passenger side nut plate. Note: You may need to remove the body mount bolt (circled in **yellow**)



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Step 9: Drill out the (4) holes (circled in red) in the center of the crossmember to ½". (Fig. I & J)

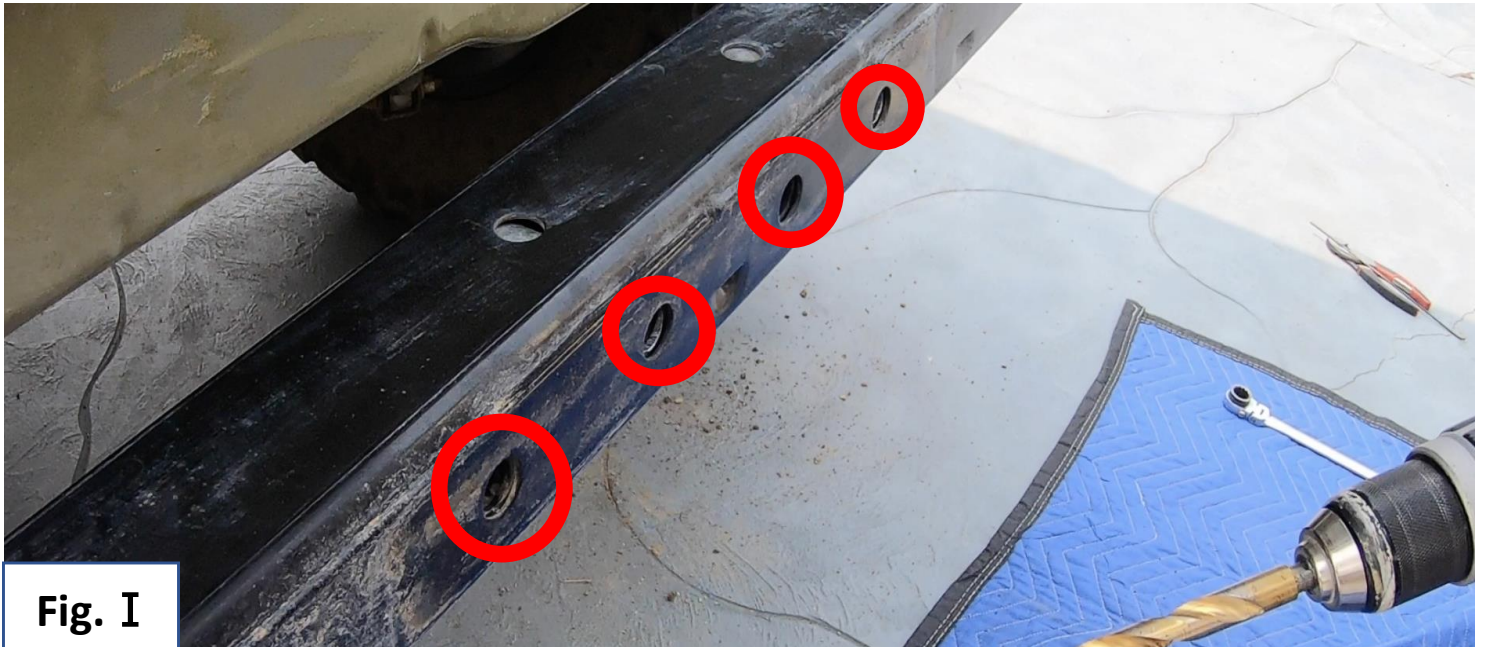


Fig. I



Fig. J

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Step 10: Note: This step may require two people. Carefully raise the rear bumper (**93-313AR001 SRC** or **93-315DV001 XRC**) against the outer frame rails. Secure the bumper to the outer frame rails and previously installed nut plates (**93-315DV003** and **93-315BH013**) using the **(2)** supplied **M12x1.75x35mm** bolts and washers on the driver side and the **(2)** supplied **M12x1.75x45mm** bolts and washers on the passenger side.
(Fig. K) Note: Leave all the hardware loose for final adjustment



Fig. K

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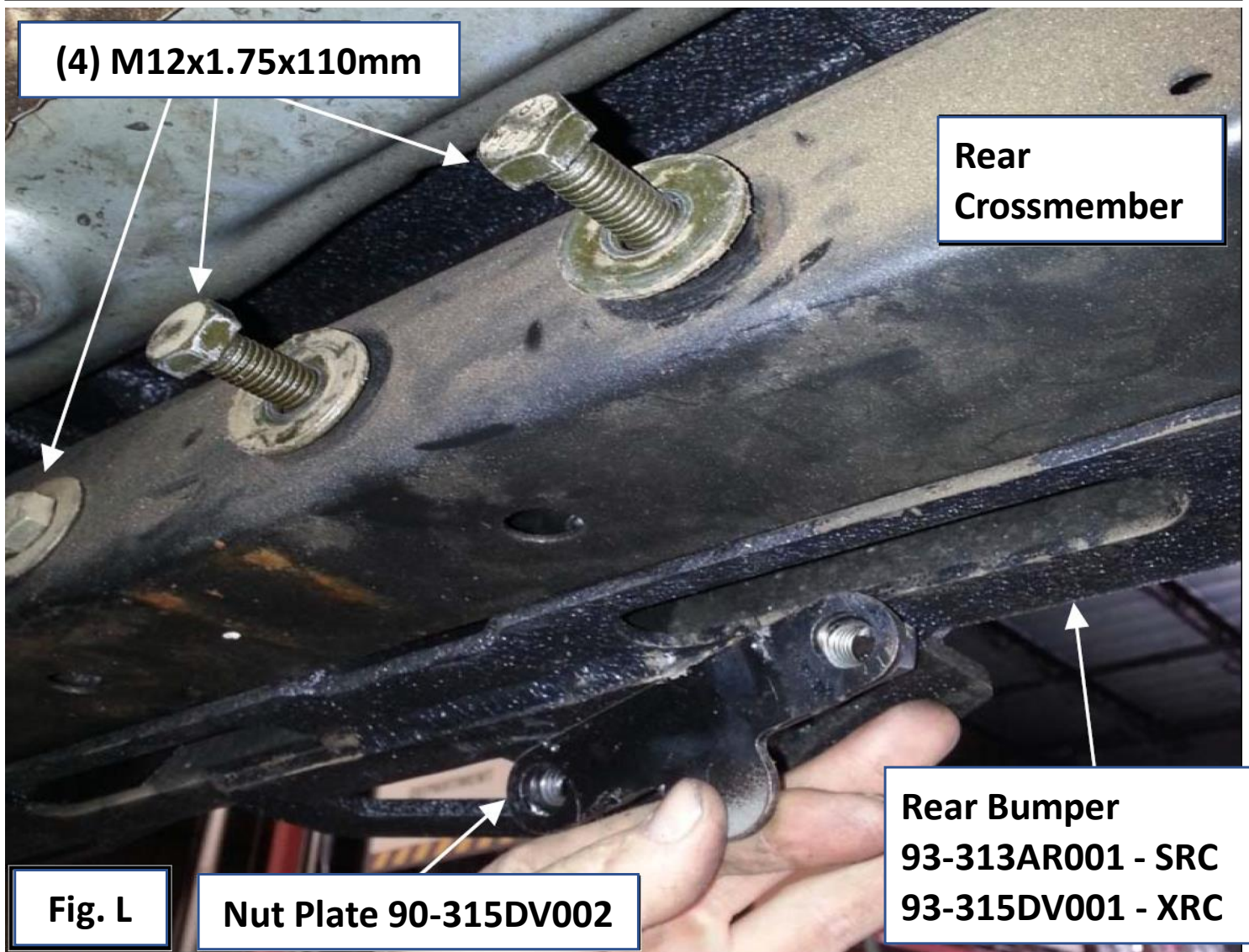
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Step 11: Insert the (2) nut plates (90-315DV002) into the center holes in the rear bumper (93-313AR001 SRC or 93-315DV001 XRC). (Fig L)

Step: 12: Secure the bumper to the rear crossmember using (4) M12x1.75x110mm bolts and washers into the nutplates (90-315DV002)

Note: Once the adjustment is complete, torque these 4 bolts to **90 ft./lbs**



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Final Step: Make your final adjustments to the bumper. Once the bumper is lined up to your liking, tighten down the hardware to the correct torque specifications.

After the hardware is torqued down, the installation is now complete.



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Use this only as a guide for hardware without a called-out torque specification in the instruction manual

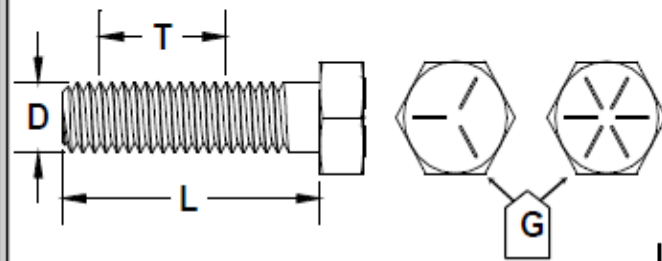
Bolt Torque and ID

Decimal System

Metric System

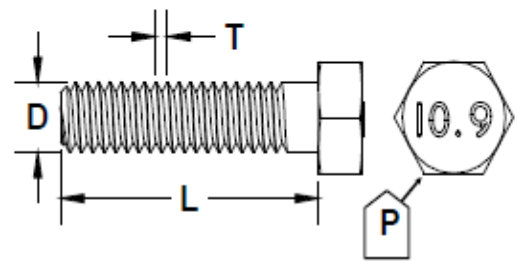
All Torques in Ft. Lbs.

Bolt Size	Grade 5	Grade 8	Bolt Size	Class 9.8	Class 10.9	Class 12.9
5/16	15	20	M6	5	9	12
3/8	30	45	M8	18	23	27
7/16	45	60	M10	32	45	50
1/2	65	90	M12	55	75	90
9/16	95	130	M14	85	120	145
5/8	135	175	M16	130	165	210
3/4	185	280	M18	170	240	290



1/2-13x1.75 HHCS Grade 5 Grade 8
 (No. of Marks + 2)

D T L X



M12-1.25x50 HHCS

D T L X

G = Grade (Bolt Strength)
 D = Nominal Diameter (Inches)
 T = Thread Count (Threads per Inch)
 L = Length (Inches)
 X = Description (Hex Head Cap Screw)

P = Property Class (Bolt Strength)
 D = Nominal Diameter (Millimeters)
 T = Thread Pitch (Thread Width, mm)
 L = Length (Millimeters)
 X = Description (Hex Head Cap Screw)

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Warning

Rollover and other types of vehicle accidents may result in serious injury or death to you, your passengers and others sharing the road. Smittybilt accessories are decorative and are not intended to reduce or avoid injury or damage in the event of an accident. The weight and location of Smittybilt accessories may affect your vehicles' handling, stability and performance, creating an increased risk of accident or rollover. Before installing any accessory, check state laws and assure that the accessory will not obscure any lights or interfere with proper operation on your vehicle's safety equipment. Consult your owner's manual and the Smittybilt instructions, or additional safety information. Smittybilt products, nor the warnings contained herein, are not a substitute for your safe driving. Don't drink and drive, always use seat belts and don't drive faster than conditions permit.

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Product cleaning and maintenance instructions

Stainless Steel Finish – Aluminum polish may be used to polish small scratches and scuffs on the finish. Mild soap, window or glass cleaner may be used to clean the finish.

Dual state powder coat finish – Mild soap, window or glass cleaner may be used to clean the finish. In order to protect the finish, you may wax your product on a regular basis with pure carnauba automotive wax. Do not use any types of soap, polish or was that contains abrasive that could damage the finish.

Textured coated finishes should be cleaned with a mild soap on a damp sponge. Do not apply polish or was that requires to be removed by means of buffing. This type of wax is commonly used at car wash facilities.

Chrome Finish – Mild soap, window or glass cleaner may be used to clean the finish. In order to protect the finish you should wax your product on a regular basis with pure carnauba automotive wax. Do not use any types of soap, polish or was that contains abrasive that could damage the finish.

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