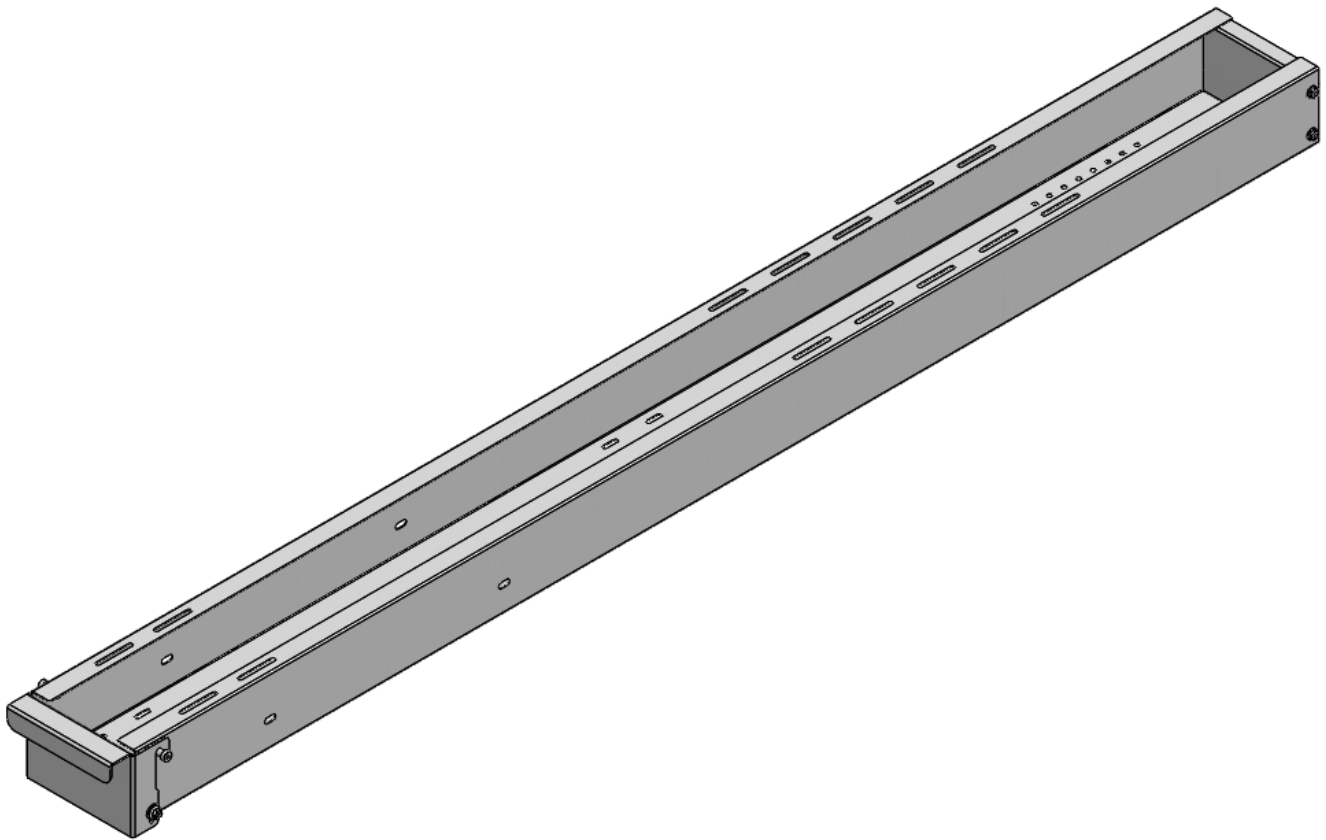
**PRODUCT WEIGHT****28.5 LBS****WIDTH x DEPTH x HEIGHT****7" x 80" x 4.5"****CAPACITY****80" LONG PARTS****COLOR****GRAY****CATALOG NUMBER****LPS4780****PRODUCT FEATURES**

Long parts tray is designed to hold long narrow parts such as drill bits, glow rods etc. The end cap unlatches and hinges downward for access to parts. The tray can be mounted in various locations inside a vehicle based on customer/package needs.

LPS4780 LONG PARTS STORAGE TRAY



- PRECAUTIONS -





 **CAUTION** 
**THE USE OF AIR IMPACT TOOLS CAN
OVER-TORQUE FASTENERS AND
CAUSE FASTENER FAILURE!**





 **CAUTION** 
**ALL INSTALLATION HOLES SHOULD BE SEALED
WITH SILICON OR BUTYL SEALANT TO PREVENT
EXHAUST FUMES FROM ENTERING THE VEHICLE!**



 **DANGER** 
**INSPECT FOR FUEL TANK, FUEL LINES, BRAKE LINES, HIGH
VOLTAGE BATTERIES AND ELECTRICAL LINES PRIOR TO
DRILLING TO AVOID DAMAGING CRITICAL VEHICLE SYSTEMS
OR INJURY TO INSTALLER DURING INSTALLATION PROCESS!**



 **CAUTION** 
**TO AVOID DAMAGING THE VEHICLE ALWAYS USE DRILL
STOPS WHEN DRILLING ANY INSTALLATION HOLES!
ADRIAN AVAILABLE PART #'S 31121-0 (1/2" DEEP),
31122-0 (3/4" DEEP)**



- IMPORTANT WARRANTY REQUIREMENTS -

1. SUBSTITUTING ADRIAN STEEL SPECIFIED FASTENERS FOR ASSEMBLY AND/OR INSTALLATION WILL VOID YOUR PRODUCT WARRANTY.
2. ALL HOLES DRILLED INTO VEHICLE SHOULD HAVE THE RAW METAL EDGES SEALED WITH A SELF-ETCHING PRIMER TO RESIST CORROSION AND POTENTIAL FASTENER POINT FAILURE.
3. ALL FASTENERS USED IN THE INSTALLATION OF THIS PRODUCT SHOULD BE TIGHTENED TO THE TORQUE(S) SPECIFIED IN THESE INSTRUCTIONS.
4. THESE INSTRUCTIONS SHOULD BE KEPT WITH THE VEHICLE.

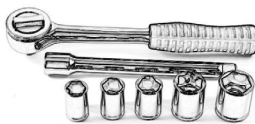
THE BASIC TOOLS NEEDED FOR MOST INSTALLATIONS



DRILL



DRILL BIT WITH
STOP



RATCHET, SOCKETS
AND/OR WRENCHES



SCREWDRIVERS



MEASURING TAPE

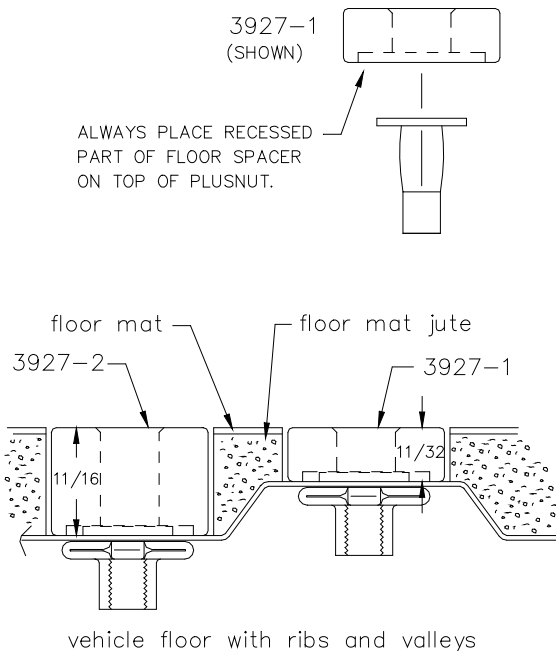
ADDITIONAL TOOLS MAY BE NEEDED FOR THIS INSTALLATION AND THEY WILL BE IDENTIFIED IN THE STEPS THAT FOLLOW.

If your vehicle contains carpet or a rubber floor mat you will need to prepare the mounting location. Position the product to be installed into the vehicle and once you are satisfied with the mounting locations, mark the mounting locations. Using a 1-3/16" diameter carpet cutter (P/N: 31183-0). Select the appropriate floor spacers as shown in the illustration. Set those aside for use later into the installation process.

Using the correct drill bit size for the selected plusnut, drill the mounting holes in the vehicle sheet metal to prepare for installing the plusnuts.

If you are thru-bolting at any of the locations simply drill a hole that is 1/16" larger than the bolt size(s) for those locations.

Once you have drilled the holes into the vehicle, the raw metal edges should be sealed using a self-etching primer to resist corrosion and potential fastener point failure.



A PLUSNUT (RIVNUT) SETTING TOOL IS REQUIRED FOR PLUSNUT (RIVNUT) INSTALLATION AND IS SUPPLIED WITH THIS KIT. OR USE AN AIR POWERED PLUSNUT SETTING GUN.

1/4-20UNC Plusnut (FAS0052) Use 3/8" dia. drill w/stop

FAS0080 SCREW, HXHD, 1/4-20UNCx2.00", G8

FAS0067 WASHER, FLAT, 1/4"ID

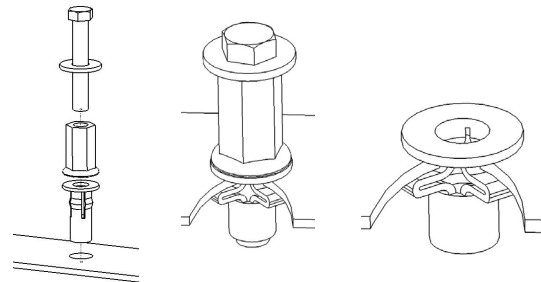
22200-0 PLUSNUT TOOL

5/16-18UNC Plusnut (FAS0091) Use 1/2" dia. drill w/stop

FAS0095 SCREW, HXHD, 5/16-18UNCx2.00", G8

FAS0086 WASHER, FLAT, 5/16"ID

22200-0 PLUSNUT TOOL

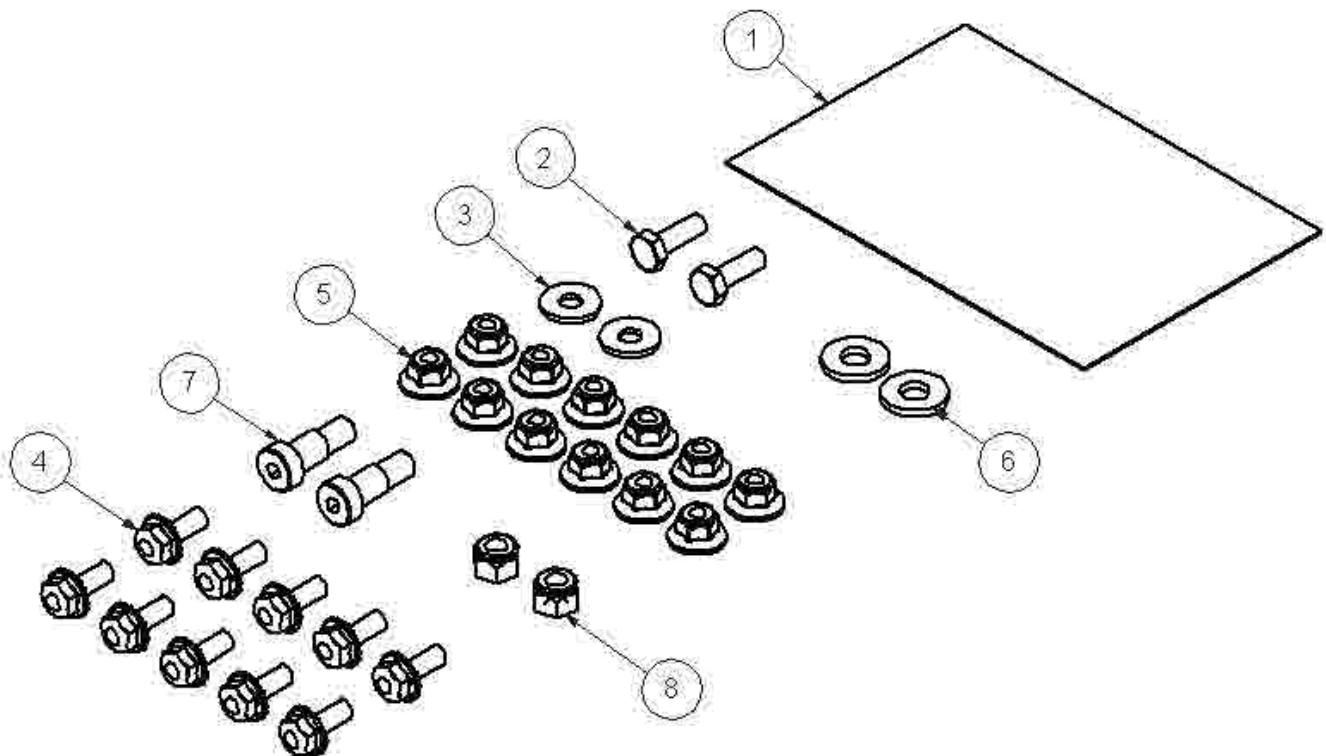


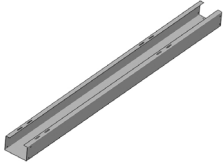
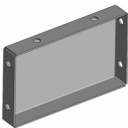

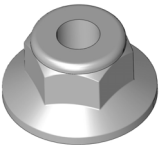
Place barrel of the plusnut body in sheet metal thru hole until flange is flush with sheet metal.

Using a 9/16" combination wrench of plusnut tool body and a second hand wrench, ratchet, or air tool, rotate the hex bolt head CW to draw plus nut flanges up (set the plusnut).

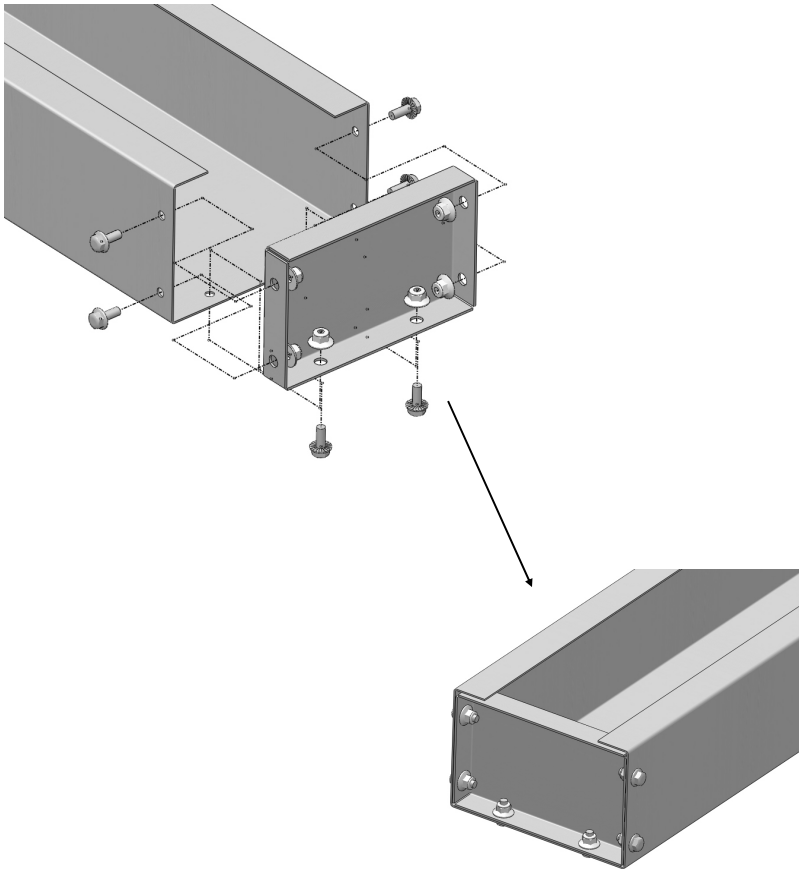
Assembly Fastener Identification Sheet - BAG47074

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	BAG0509-A	5" x 9" 4MIL AUTOBAG	1
2	FAS0126	Screw, Hex Hd, 1/4-20x0.75 Zn-Ni (1000 hour)	2
3	FAS0067	Washer, Flat, 1/4	2
4	FAS0018	SCREW,HH SFLNG 1/4-20X.62 ZP	10
5	FAS0055	Nut, Hex Flange,Nylock 1/4-20	12
6	FAS0688	EPDM WASHER	2
7	FAS0669	SCREW, SHOULDER, 3/8"DIA x1/2"LG, 5/16-18UNC THREAD, SS	2
8	FAS0248	Nut, Nylon Insert Lock, 5/16-18 SST	2

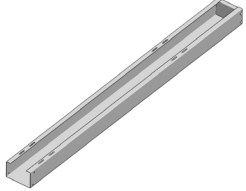
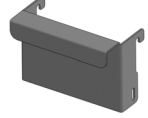
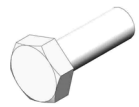
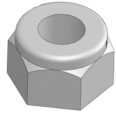

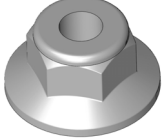




PARTS YOU WILL USE FOR STEP 01	46971-G LPS BODY (1) REQUIRED	46973-G LPS END CAP (1) REQUIRED	FAS0018 SCREW,HH SFLG (6) REQUIRED	FAS0055 1/4-20 NYCK FLNG NUT (6) REQUIRED
				

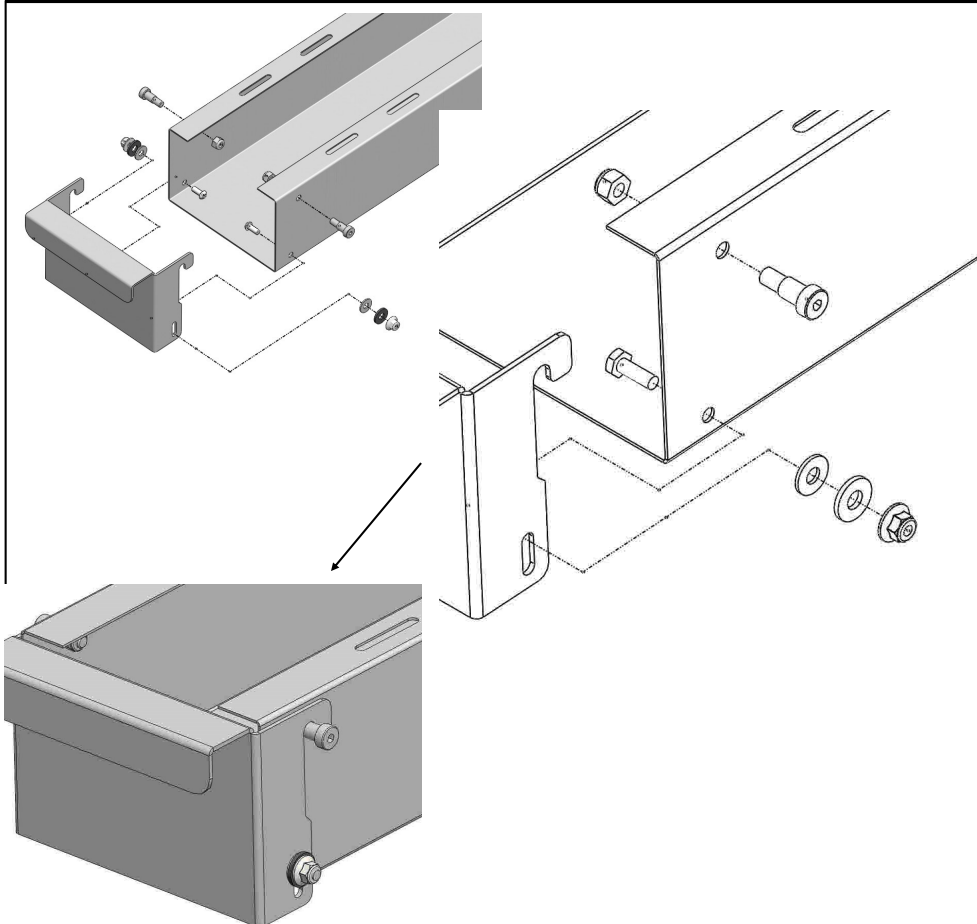
Instructions for Step 01





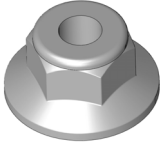
POSITION END LPS CAP
INTO END OF LPS BODY
AS SHOWN AND ATTACH
USING THE ABOVE
LISTED FASTENERS.

PARTS YOU WILL USE FOR STEP 01	ASSEMBLY FROM PREVIOUS STEP	46974-G LPS HINGE CAP (1) REQUIRED	FAS0126 SCREW, HHCS 1/4 (2) REQUIRED	FAS0248 5/16 NYCK FLNG NUT (2) REQUIRED
				
	FAS0669 SCREW, SHOULDER (2) REQUIRED	FAS0055 1/4-20 NYCK FLNG NUT (2) REQUIRED	FAS0067 WASHER, 1/4" (2) REQUIRED	FAS0688 WASHER, EPDM (2) REQUIRED
				

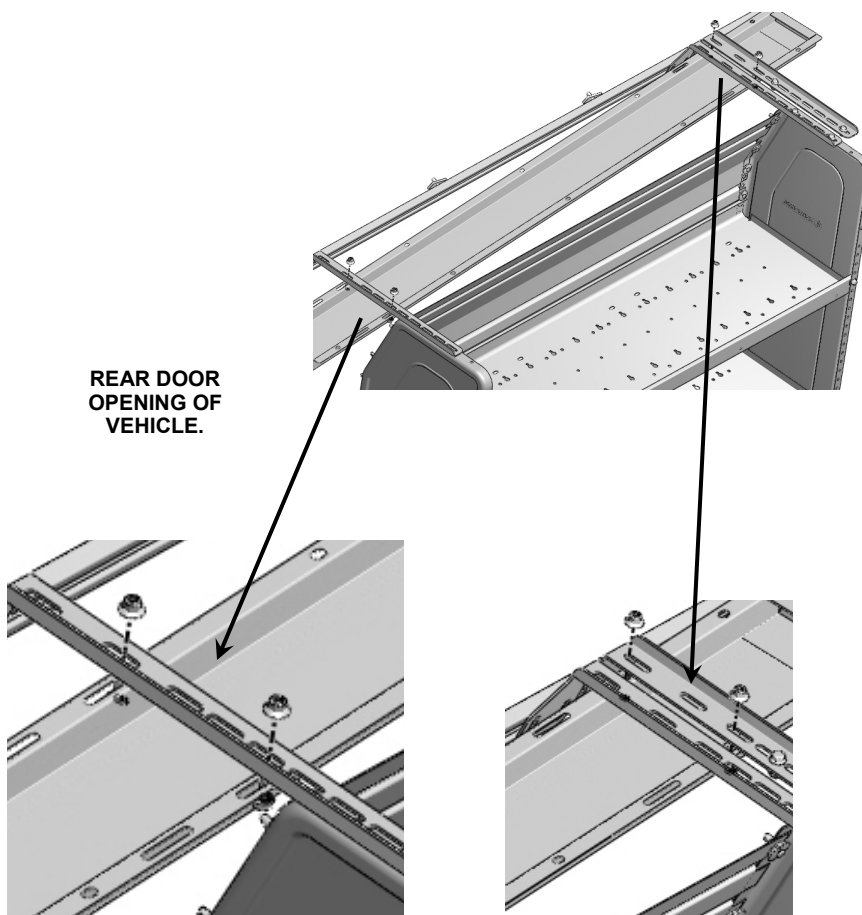
Instructions for Step 01



ATTACH DOOR TO LPS BODY AS SHOWN AND USE ABOVE LISTED FASTENERS TO ASSEMBLE. DO-NOT-FULLY-TIGHTEN THE FASTENERS! TIGHTEN THE FASTENERS JUST ENOUGH TO SLIGHTLY COMPRESS (DO NOT OVER TORQUE) THE RUBBER WASHER IN THE ASSEMBLY. WHEN PROPERLY TIGHTENED THE HINGED DOOR IS EASY TO OPEN (RAISE) BUT WILL NOT RATTLE. THE SLIGHT COMPRESSION OF THE RUBBER WASHERS DURING ASSEMBLY ENSURES THAT THE DOOR DOES NOT BOUNCE OPEN OR RATTLE. ATTACH THE SHOULDER SCREWS AS SHOWN AND FULLY TIGHTEN THE NYLOCK NUTS FOR THE SHOULDER SCREWS.

PARTS YOU WILL USE FOR STEP 02	SUB-ASSEMBLY FROM PREVIOUS STEP (1) REQUIRED	FAS0018 SCREW,HH SFLG (4) REQUIRED	FAS0055 1/4-20 NYLCK FLNG NUT (4) REQUIRED	
				

Instructions for Step 02



PLACE LPS4780 ASSEMBLY INTO POSITION IN VEHICLE (VEHICLE DETAIL NOT SHOWN) UNDER MOUNTING BRACKETS FOR AD50 ATT SHELVING. USE THE ABOVE LISTED FASTENERS TO ATTACH THE ROD HOLDER TO THE MOUNTING BRACKETS AS SHOWN. NOTE THAT THE HOLDER IS ANGLED TOWARDS THE CENTER OF THE VEHICLE AT THE REAR DOOR OPENING TO ALLOW LOADING/ UNLOADING GLOW RODS AND/OR DRILL BITS FROM THE REAR DOOR OPENING.