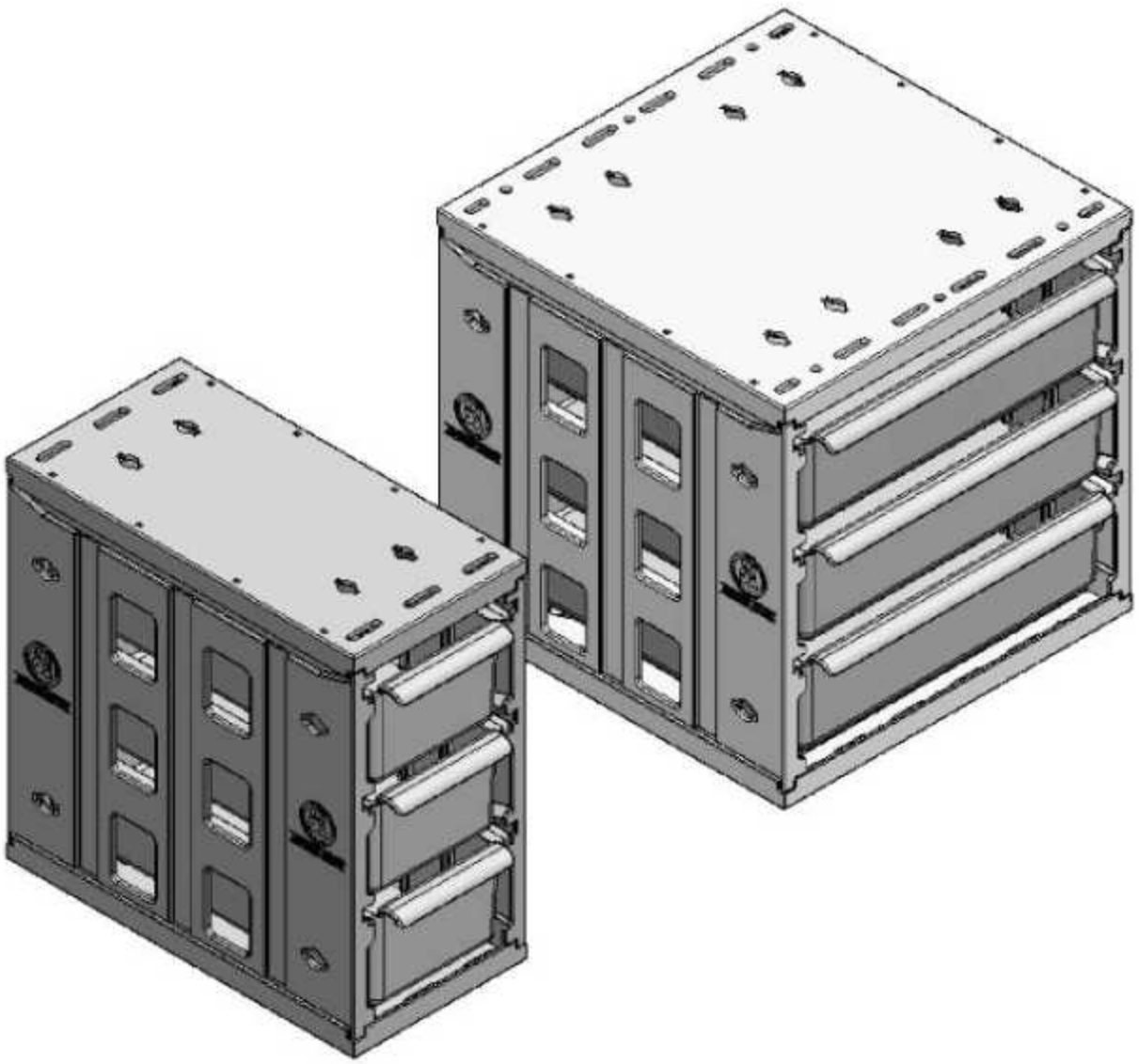
ADRIAN STEEL®

Cargo Management Solutions for Commercial Vehicles

Assembly/Installation Instructions and Owners Manual



DC6 DC12 DS06212V DS06312H DS36012H DS46012

DRAWER COMPONETS AND DRAWER SYSTEMS

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- PRECAUTIONS -

⚠ CAUTION ⚠

THE USE 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 DRILLINGTO 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 IN-STALLATION HOLES!

- 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.

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WHEN INSTALLING PLUSNUTS MAKE SURE YOU USE THE CORRECT DRILL BIT WITH A STOP!

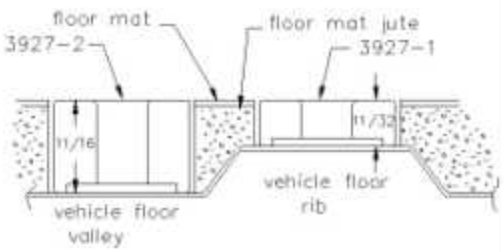
PLUSNUT SIZE	DRILL BIT SIZE
¼-20 PLUSNUT, FAS0052	*USE A 3/8" DIAMETER DRILL BIT WITH A STOP.*
5/16-18 PLUSNUT, FAS0091	*USE A 1/2" DIAMETER DRILL BIT WITH A STOP.*

OR

NOTE: A PLUSNUT SETTING TOOL IS REQUIRED FOR PLUSNUT INSTALLATION AND IS NOT SUPPLIED WITH THIS KIT. ORDER PLUSNUT TOOLS FROM ADRIAN STEEL (P.N. 22200-0)OR USE AN AIR POWERED PLUSNUT SETTING GUN.

NOTE: If your vehicle contains carpet or a rubber floor mat you will need to prepare the mounting locations using a 1-3/16" carpet cutter.

1-3/16" DIAMETER CARPET CUTTER P.N. 31183-0.

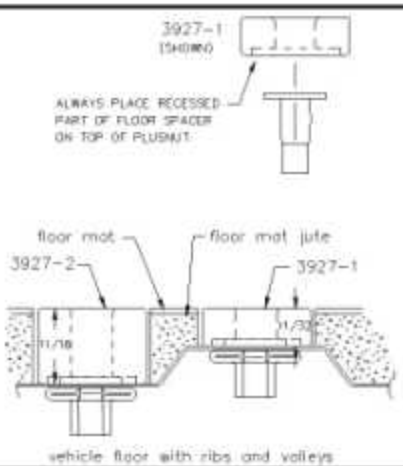


Step 01 Optional

If your vehicle contains carpet or a rubber floor mat you will need to prepare the mounting locations. **(if not, skip to STEP 02)**

Position the product to be installed into the vehicle and once your are satisfied with the mounting locations, mark the mounting locations. Using a 1-3/16" diameter carpet cutter. Select the appropriate floor spacers as shown in the illustration to the left. Set those aaside for use later into the installation process.

Once you have prepared the carpet/floor mat for

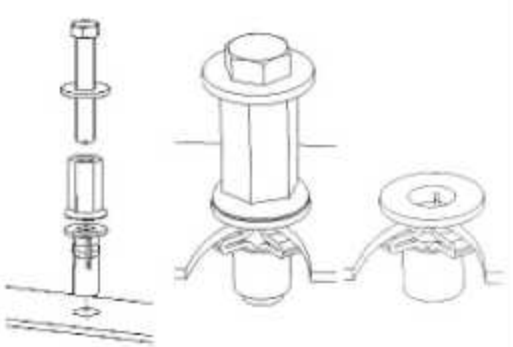


Step 02 Prepare Mounting Locations

Using a drill and drill bit *(see table at top of page for correct size)* 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.



Step 03 Setting Plusnuts

Use a Air Powered Plusnut Setting Gun to "set the plusnut" or if installing manually with hand tools, assembly the following.

1/4-20UNC Plusnut (FAS0052)
- FAS0080 SCREW, HXHD, 1/4-20UNCx2.00, G8
- FAS0067 WASHER, FLAT, 1/4"ID
- 22200-0 PLUSNUT TOOL

5/16-18UNC Plusnut (FAS0091)
- FAS0095 SCREW, HXHD, 5/16-18UNCx2.00", G8
- FAS0086 WASHER, FLAT, 5/16"ID
- 22200-0 PLUSNUT TOOL

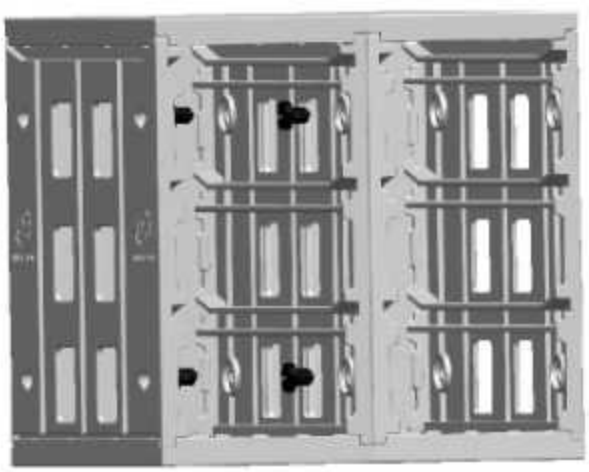
Place barrel of the plusnut body in sheet metal thru hole until flange is flush with sheet metal.

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).

Remove hex bolt, washer, and plusnut. Inspect installation.

PARTS YOU WILL USE FOR STEP 04	DC6, 6"WIDE NUMBER WILL VARY PER DRAWER SYSTEM	DC12, 12" WIDE NUMBER WILL VARY PER DRAWER SYSTEM	31154-0, CAM SREW DC (4) REQUIRED PER 2 DC UNITS	

Instructions for Step 04 DRAWER SYSTEM ASSEM



Remove drawers from units

Insert (4) 31154-0

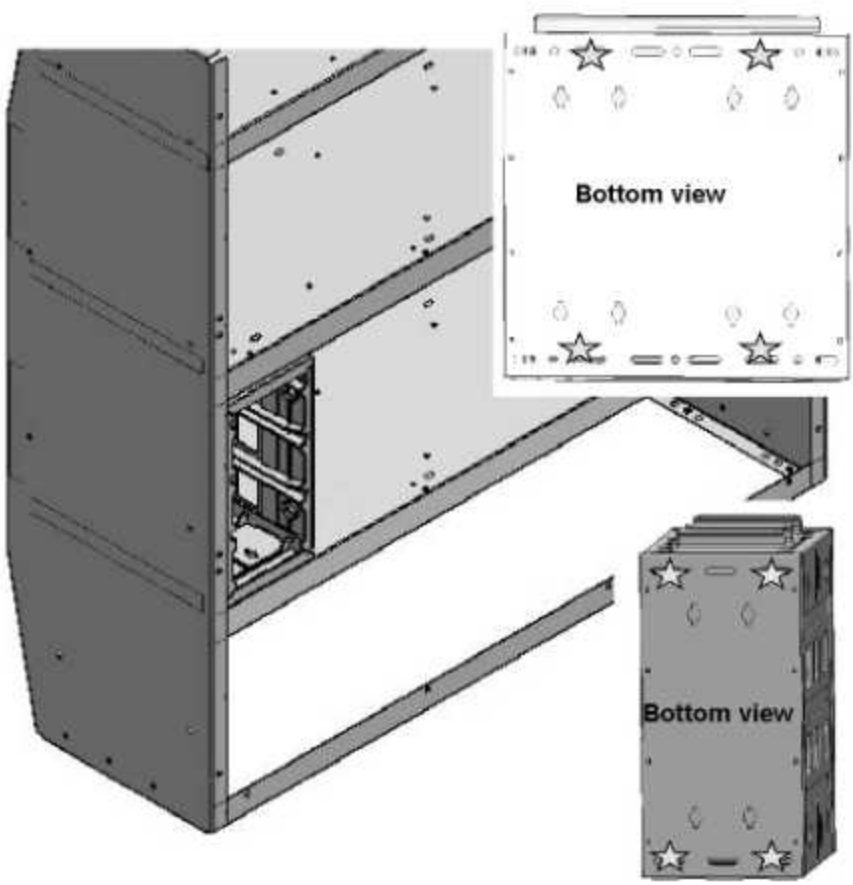
To lock cam screws into place use large bladed standard (flat) screw driver to turn cam screws 1/4 turn so they lock in to place.

Repeat until all units are assembled together.

Do not replace drawers at this time

PARTS YOU WILL USE FOR STEP 05	FAS0063, SCREW, HEX 1/4-20 X .75 (4) REQUIRED	FAS0067, WASHER, FLAT 1/4 (8) REQUIRED	FAS0058, NUT, NYLOCK 1/4-20 (4) REQUIRED	

Instructions for Step 05 INSTALLING (1) UNIT



Place the unit on the shelf in desired position

Check to see if unit holes line up with holes in shelf.

If no holes line up mark (4) places using starred holes shown to left.

Remove unit from shelf

Drill marked locations with 5/16" drill.

Clean up debris

Reposition unit on shelf

Install fasteners. Making sure to place (1) flat washer between head of screw and dc unit, and one between nut and bottom of shelf.

Reinstall drawers into unit

PARTS YOU WILL USE FOR STEP 06	FAS0063, SCREW, HEX 1/4-20 X .75 QTY. WILL VARY	FAS0067, WASHER, FLAT 1/4 QTY. WILL VARY	FAS0058, NUT, NYLOCK 1/4-20 QTY. WILL VARY	

Instructions for Step 06 installing system

Place the drawer system on the shelf in desired position

Check to see if holes line up with holes in shelf.

If no holes line up mark (2) places per unit using starred holes shown to left.

Remove system from shelf

Drill marked locations with 5/16" drill.

Clean up debris

Reposition system on shelf

Install fasteners. Making sure to place (1) flat washer between head of screw and dc unit, and one between nut and bottom of shelf.

Reinstall drawers into system