**PRODUCT WEIGHT****17.25****WIDTH x DEPTH x HEIGHT****26.0 x 24.0 x 11.5****CAPACITY****6 SATELLITE DISH
REFLECTORS****COLOR****GRAY****CATALOG NUMBER****DH-06****PRODUCT FEATURES**

The dish holder is designed to hold and secure satellite dish reflectors of various sizes (up to 34" wide x 24" high). The unit features rubber edge trim surfaces to prevent abrasion and coted rubber tie-down straps to secure the dishes while being transported. The unit can be instilled in various locations based on a package configuration and cutomer needs.

SEE PAGE 2 FOR APPLICATION NOTES AND ACCESSORIES, OTHER PRODUCTS THAT WORK WITH THIS UNIT.

PAGE 1 of 2

The information contained in this document is the sole property of ADRIAN STEEL COMPANY. ADRIAN STEEL COMPANY retains the right to modify and/or change the product of its design at any time without prior notification.



CATALOG NUMBER DH-06

PRODUCT APPLICATION

This product is not vehicle specific and can be mounted in various locations in a vehicle.

ACCESSORIES THAT WILL WORK WITH THIS PRODUCT

CATALOG NUMBER

DESCRIPTION

None

SPECIAL APPLICATION NOTES

None

PAGE 2 of 2

The information contained in this document is the sole property of ADRIAN STEEL COMPANY. ADRIAN STEEL COMPANY retains the right to modify and/or change the product of its design at any time without prior notification.



ADRIAN STEEL®

Cargo Management Solutions for Commercial Vehicles



Assembly/Installation Instructions and Owners Manual



DH-06 **DISH HOLDER**

- 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
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 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

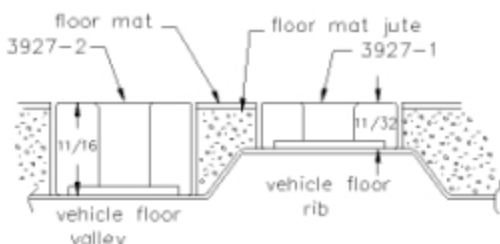
ADDITIONAL TOOLS MAY BE NEEDED FOR THIS INSTALLATION AND THEY WILL BE IDENTIFIED IN THE STEPS THAT FOLLOW.

Assembly/Installation Instructions and Owners Manual



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

PLUSNUT SIZE		DRILL BIT SIZE	
1/4-20 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. 	



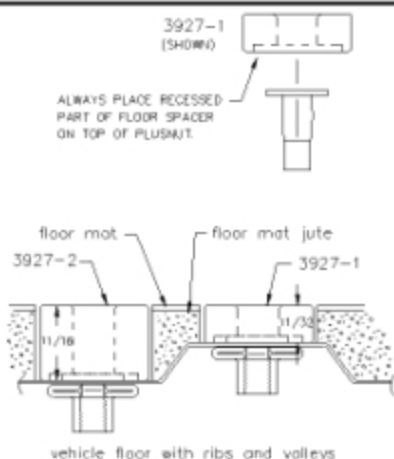
Step 01

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 you 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 aside for use later into the installation process.

Once you have prepared the carpet/floor mat for



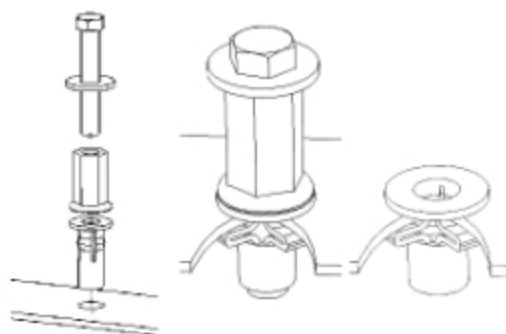
Step 02

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)

EAS0095 SCREW HXHD




EAS0096 WASHER FLAT 5/16"X

FAS0086 WASHER, FLAT,
22200.0 BLUSNIT TOOL

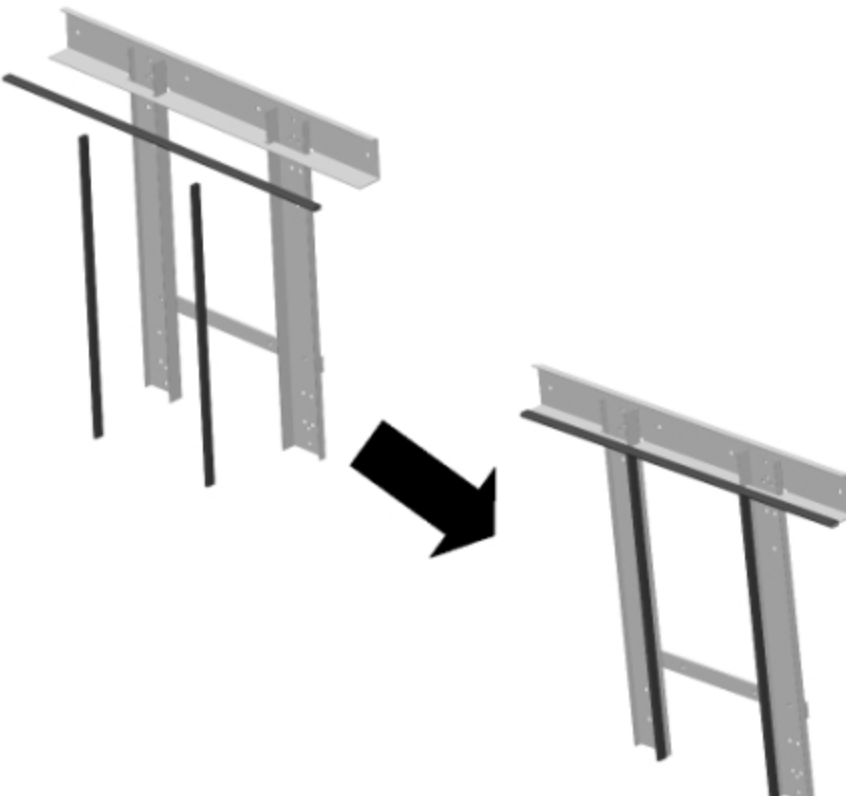
Place barrel of the plusnut body in sheet metal thru hole until flange is flush with sheet metal.

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	44186-G, WELDMENT (1) REQUIRED	44174, TRIM, 26" LONG (1) REQUIRED	44171, TRIM, 19.5" LONG (2) REQUIRED	
				

Instructions for Step 04

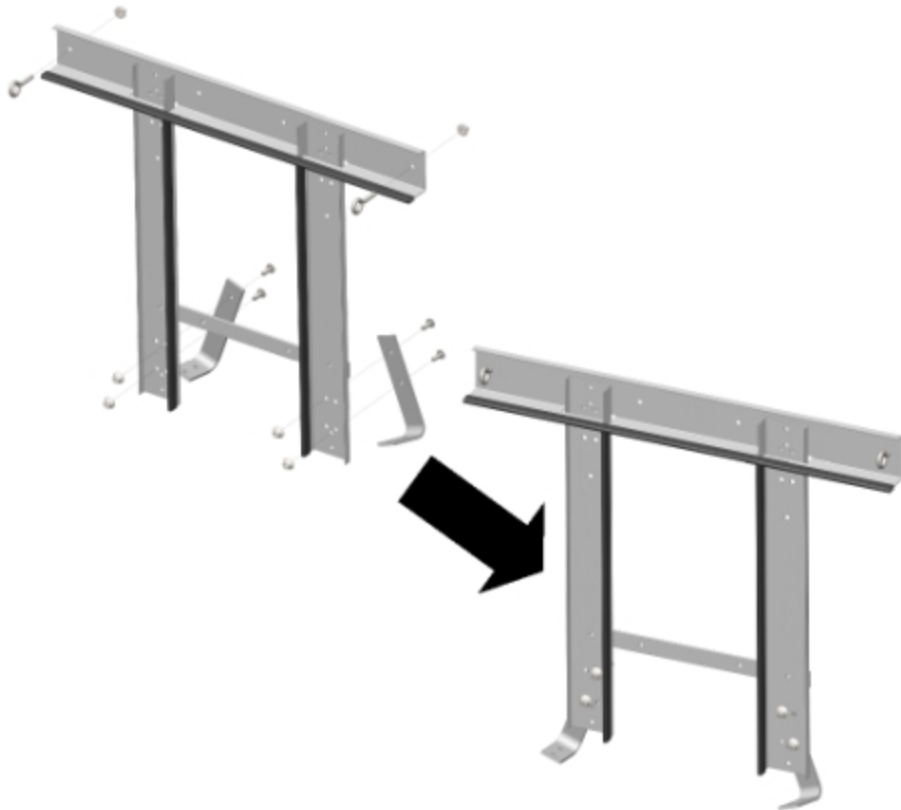


COMPLETED STEP

Apply trim pinch-weld pieces to weldment as shown. **CAUTION:** Do not hammer trim pieces on with excess force. Excessive hammering can cause damage to pinch-weld trim and reduce the holding ability of the trim.




PARTS YOU WILL USE FOR STEP 05	SUB-ASSEMBLY FROM PREVIOUS STEP	44166-G, BOTTOM BRACKET (2) REQUIRED	FAS0050, 1/4-20 EYEBOLT (2) REQUIRED	FAS0055, 1/4-20 NYLOCK NUT (6) REQUIRED
				
	FAS0062, 1/4-20 THP SCREW (4) REQUIRED			
				

Instructions for Step 05

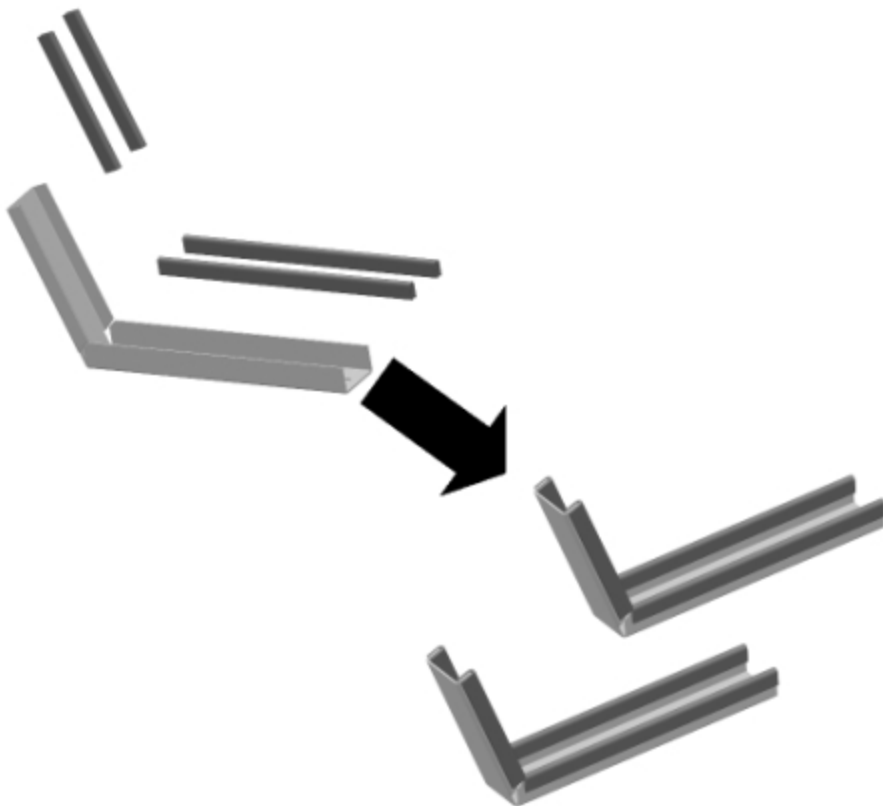


COMPLETED STEP

Attach the eyebolts and bottom brackets as shown.






PARTS YOU WILL USE FOR STEP 06	44176-G, LOWER SUP- PORT (2) REQUIRED	44172, TRIM, 5.25" LONG (4) REQUIRED	44175, TRIM, 10" LONG (4) REQUIRED	
				

Instructions for Step 06

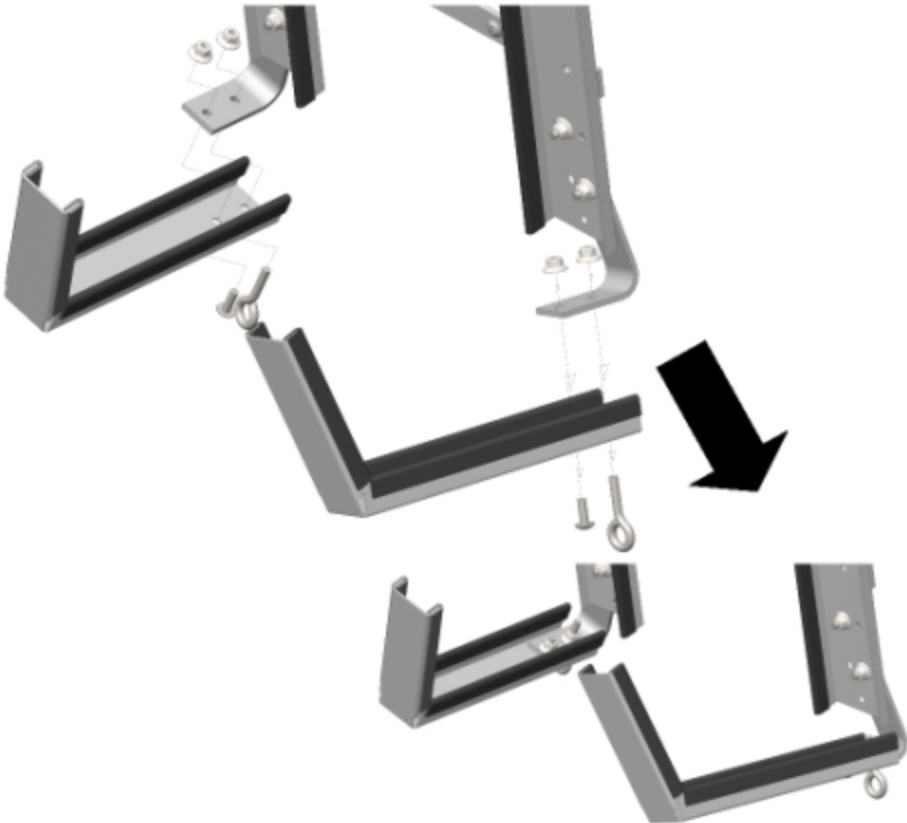


COMPLETED STEP

Apply trim pinch-weld pieces to two (2) lower supports as shown. **CAUTION:** Do not hammer trim pieces on with excess force. Excessive hammering can cause damage to pinch-weld trim and reduce the holding ability of the trim.





PARTS YOU WILL USE FOR STEP 07	SUB-ASSEMBLY FROM STEP 05	SUB-ASSEMBLIES FROM PREVIOUS STEP	FAS0050, 1/4-20 EYEBOLT (2) REQUIRED	FAS0055, 1/4-20 NYLOCK NUT (4) REQUIRED
				
	FAS0062, 1/4-20 THP SCREW (2) REQUIRED			
				

Instructions for Step 07



COMPLETED STEP

Attach the eyebolts and lower support brackets as shown.

PARTS YOU WILL USE FOR STEP 08	SUB-ASSEMBLY FROM PREVIOUS STEP	44170, TIE-DOWN STRAP (2) REQUIRED	FAS0062, 1/4-20 THP SCREW (4) REQUIRED	FAS0055, 1/4-20 NYLOCK NUT (4) REQUIRED
				

Instructions for Step 08



ATTACHMENT POINTS

Attach the Tie-Down strap as shown to connect to the eye-bolts at opposite corners.

Refer to the appropriate Package PDS for location in the vehicle using the four attachment points and 1/4-20 fasteners.

The DH-06 dish holder is now ready to be installed in the vehicle.

Refer to the appropriate Package PDS for location in the vehicle