

FASSTENER GROUPS LISTED BELOW ARE USED FOR ASSEMBLY AND INSTALLATION. **SOME ASSEMBLY DRILLING IS REQUIRED.** PARTITION INSTRUCTIONS & FASTENERS ARE WITH THAT UNIT. USE KD UNIT DRAWINGS TO IDENTIFY THEIR SEPARATE PARTS. CUSTOMER SPECIFIED SHELF DIMENSIONS ARE SHOWN HERE.

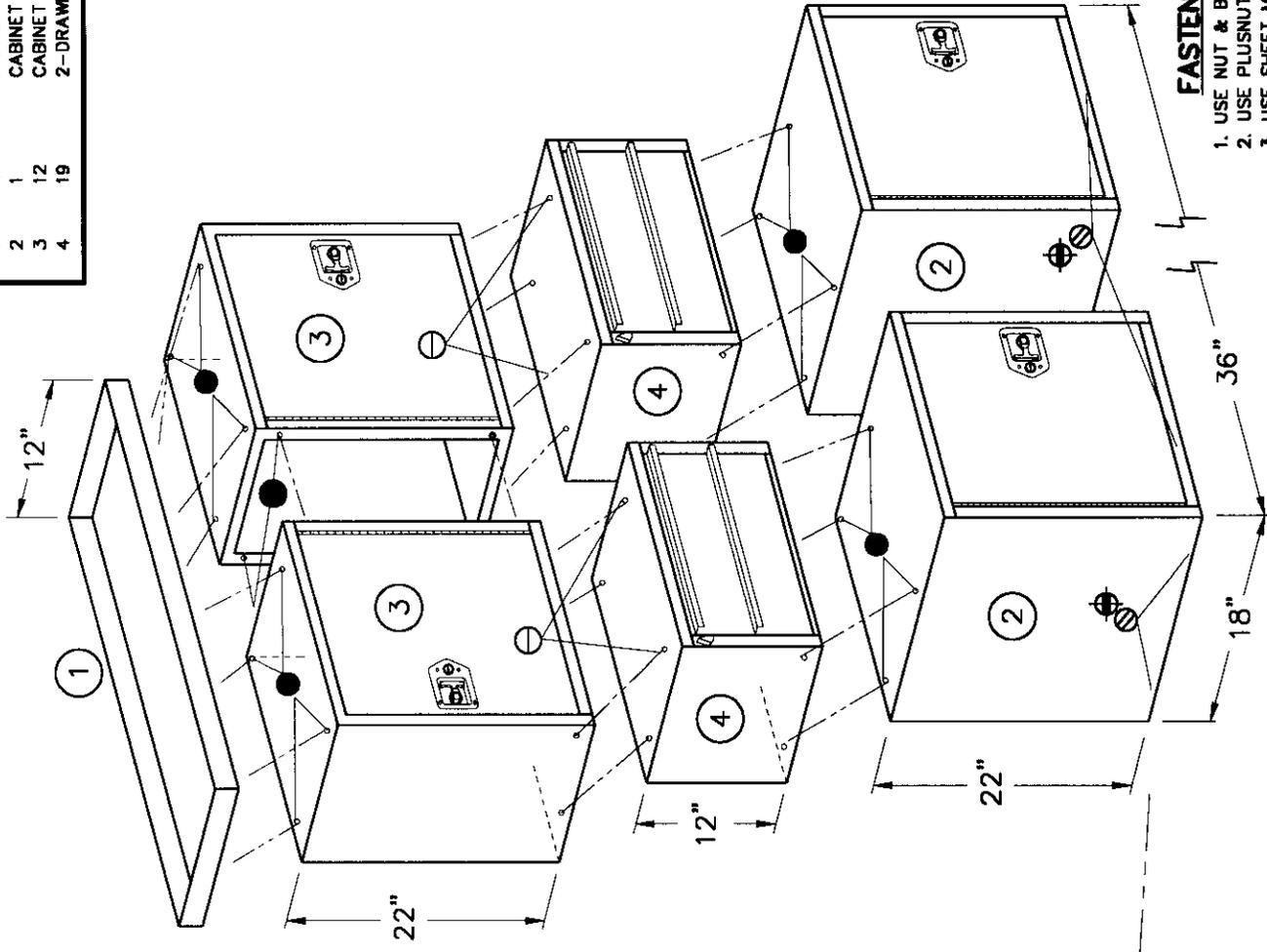
ADRIAN STEEL CO.
 908 JAMES STREET
 ADRIAN, MI 49221
 517/265-6194

MD701 DWR/CAB MOD

DWG BY: EGN# 6071 DATE 6/27/02 CHK BY: S/L MD701 A
 REFERENCE: REF 24600 HCG= 18 VCG= 2B
 PACKAGE WEIGHT- 167.55 #

ITEM	PART NO.	DESCRIPTION	QTY.
1	4A	PARTS TRAY	1
2	1	CABINET	2
3	12	CABINET	2
4	19	2-DRAWER MEDIUM	2

SYM.	FASTENERS	QTY	DRILL
●	ASSEMBLY FASTENERS		
	{ 1/4-20 x 1/2" THP.SCW.	(20)	9/32
	{ 1/4-20 HX. FLANGE NUT	(20)	
⊖	{ 1/4 x 3/4 "A" THP. SCW.	(16)	3/16
	{ 1/4 EXT. TOOTH L'WASH	(16)	
●	INSTALLATION FASTENERS		
	{ 1/4-20 PLUSNUT "PB"	(9)	13/32
	{ 1/4-20 x 1" HH.SCW.FT	(9)	
	{ 1/4 PLN WASH	(9)	
	{ 1/4 SPLIT RING L'WASHER	(9)	
⊕	{ 1/4-20 PLUSNUT "PB"	(4)	13/32
	{ 1/4-20 x 1-1/2" HH.SCW.FT	(4)	
	{ 1/4 PLN WASH	(4)	
	{ 1/4 SPLIT RING L'WASHER	(4)	
⊗	{ 1/4 PLN. WASHER	(8)	13/32
	{ 1/4-20 HX.STOP NUT	(4)	
	{ 1/4-20 x 1-1/2" HH.SCW.FT	(4)	
	{ 1/2 PLN. WASHER	(4)	

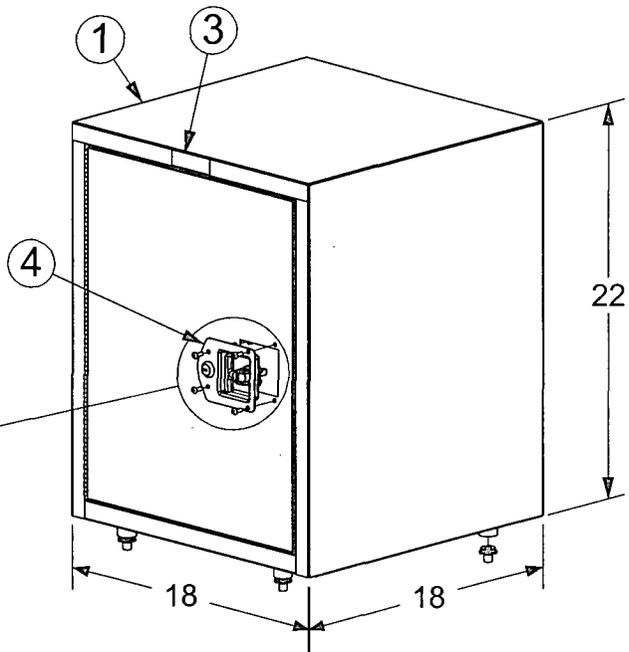


FASTENING PROCEDURES

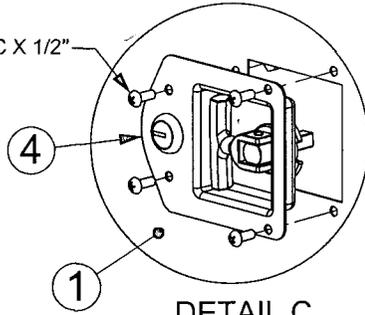
1. USE NUT & BOLT THRU WHEREVER POSSIBLE.
2. USE PLUSNUTS FOR BLIND FASTENING.
3. USE SHEET METAL SCREWS IN SHEAR ONLY.

CAUTION:
 DRILL THRU FLOOR WITH CARE
 WATCH FOR GAS TANK, CONTROL
 LINES, & ELECTRICAL WIRING.

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	07060-0	CABINET SUB-ASM (3857)	1
2	07088-0	BOTTOM, #1 CABINET	1
3	LOGO-SM	.875"X3.0"ADRIAN STEEL LO	1
4	21000-0	Folding T-Handle	1
5	1A	SHELF, #1 CABINET	1
6	BAG0003-0	#3 BAG FOR #1 CAB, #2 DWR	1
7	CRT03857-0	CARTON #1 / SPECIAL PKG	1
8	CRT03857-A	CARTON, PAD FOR #1	1

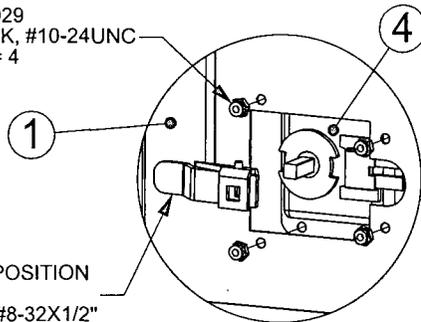


FAS0021
SCREW, RHP, #10-24UNC X 1/2"
QTY = 4



DETAIL C
SCALE 1 : 4

FAS0029
NUT, NYLON LOCK, #10-24UNC
QTY = 4



DETAIL D
SCALE 1 : 4

LATCH PAWL, ADJUST POSITION
AS REQ'D
SECURE w/SETSCREW, #8-32X1/2"

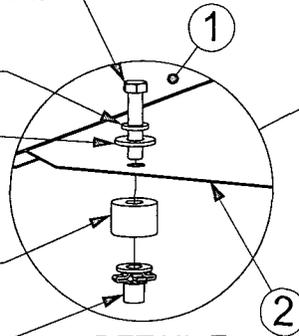
FAS0092
SCREW, HH, 5/16-18UNC X 1.5"
QTY = 4

FAS0098
WASHER, LOCK, SPLIT, 5/16"ID
QTY = 4

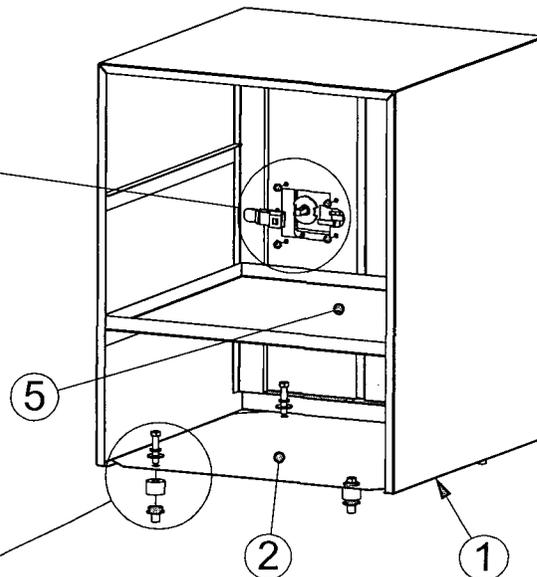
FAS0086
WASHER, FLAT, 5/16"ID
QTY = 4

03927-1 or 03927-2
SPACER, C/F, FLOOR (11/32 or 11/16)
QTY = 4

FAS0091
PLUSNUT, 5/16-18UNC
QTY = 4



DETAIL E
SCALE 1 : 4



NOTES:

- 07088-0 "CABINET BOTTOM" SHIPPED LOOSE WITH 1A "SHELF, FOR #1 CAB."
- BACK PANEL OF CABINET NOT SHOWN IN VIEW SO THAT INSTALLATION HDW ARE VISIBLE.

PRINTED DOCUMENT IS UNCONTROLLED

ASB 12-01-08
Sheet 1 of 1

REVISION LEVEL: **D**

Part Number: **1**

FOR REFERENCE ONLY!

THIS PRODUCT IS SUBJECT TO CHANGE. ADRIAN STEEL COMPANY RESERVES THE RIGHT TO CHANGE THE PRODUCT OF IT'S DESIGN WITHOUT PRIOR NOTICE.

Shipping Wt. (Lbs.):

31.57

ADRIAN STEEL
VAN AND PICKUP EQUIPMENT

906 James St.
Adrian, MI 49221
517.265.6194

THIS DRAWING IS THE PROPERTY OF ADRIAN STEEL COMPANY AND IS NOT TO BE USED IN ANY MANNER DETRIMENTAL TO THE INTERESTS OF ADRIAN STEEL COMPANY.

Coating/Finish:

GrayPwdct

Do Not Scale This Drawing!

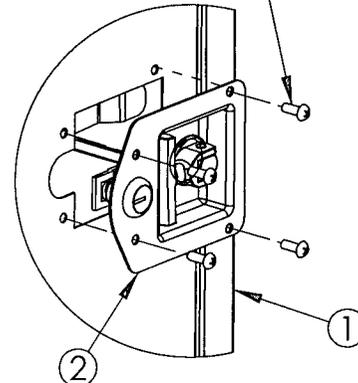
Part Description: **CABINET, #1, 18"x22"x18"**

Part Number: **1**

REVISION LEVEL: **D**

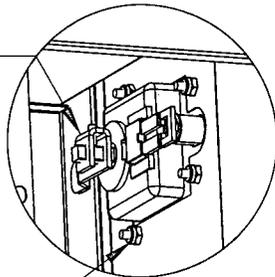
ITEM NO.	PART NUMBER	DESCRIPTION	12/QTY.
1	10068-0	CABINET SUB-ASM, #12, (3862)	1
2	21000-0	Folding T-Handle	1
3	BAG0002-0	#2 BAG FOR #12, 38, 43, 51, CBS #7	1
4	CRT03862-0	CARTON #12 / SPECIAL PKG	1
5	CRT03862-A	CARTON, PAD FOR #12	1
6	12B	SHELF PANEL (#12 CABINET)	1

FAS0021
SCREW, RHP, #10-24UNC X 1/2"
QTY = 4



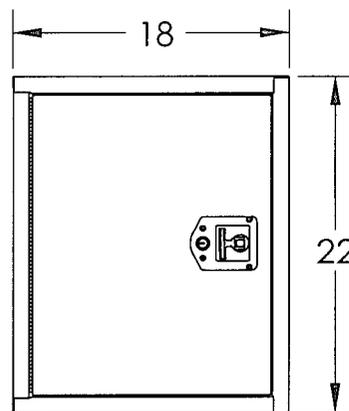
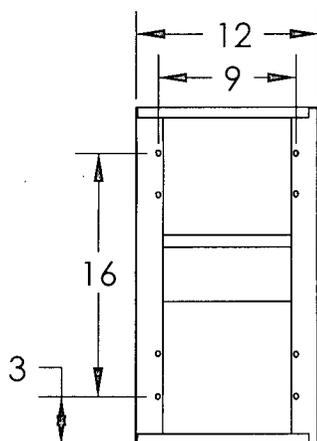
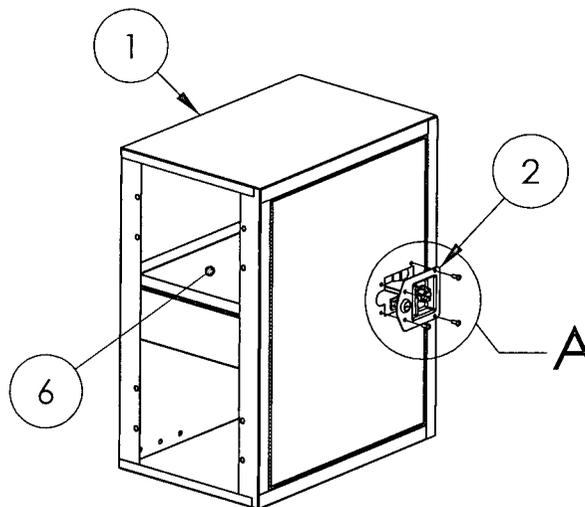
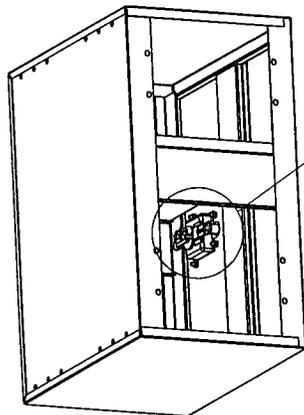
DETAIL A
SCALE 1 : 4

LATCH PAWL, ADJUST POSITION
AS REQ'D
SECURE w/SETSCREWW, #8-32x1/2"



DETAIL B
SCALE 1 : 4

FAS0029
NUT, NYLON LOCK, #10-24UNC
QTY = 4



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Sheet 1 of 1

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AND IS NOT TO BE USED IN ANY MANNER DETRIMENTAL TO
THE INTERESTS OF ADRIAN STEEL COMPANY.

Shipping Wt. (Lbs.):
21.257

Coating/Finish: **GrayPwcdct**

Do Not Scale This Drawing!

ADRIAN STEEL
VAN AND PICKUP EQUIPMENT
906 James St.
Adrian, MI 49221
517.265.6194

Part Description: **CABINET 12 X 22 X 18**

Part Number: **12**

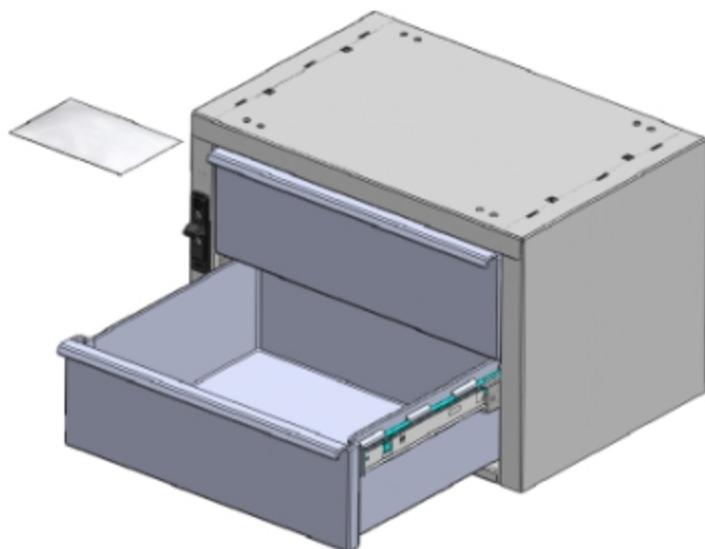
REVISION LEVEL:

C

FOR REFERENCE ONLY!

Part Number: **12**

REVISION LEVEL: **C**

*PRODUCT WEIGHT***27.4 lbs.***WIDTH x DEPTH x HEIGHT***18 x 12 x 12***CAPACITY***25 LBS. PER DRAWER***COLOR***GRAY***CATALOG NUMBER***19***PRODUCT FEATURES*

The drawer unit body is a sturdy welded and painted steel housing. The housing has ¼-20 riv-nuts installed into the base of the unit for easy installation. Also included are pre-drilled mounting holes in the top of the cabinet to allow for quick and easy stacking of the units. The number 19 drawer unit includes two (2) polymer drawers that ride on full extension ball bearing glides. The drawers have an inside dimension of 13.50" wide X 4.5" deep X 11.50" length. Each cabinet includes a sliding latch/lock system designed to secure the drawers during vehicle movement. A cam lock allows for securing your inventory for more security.

PRODUCT APPLICATION

This product is designed to be used in and/or on ADRIAN STEEL shelving units and can also be used as a standalone product. The product is great for small parts and supplies storage.

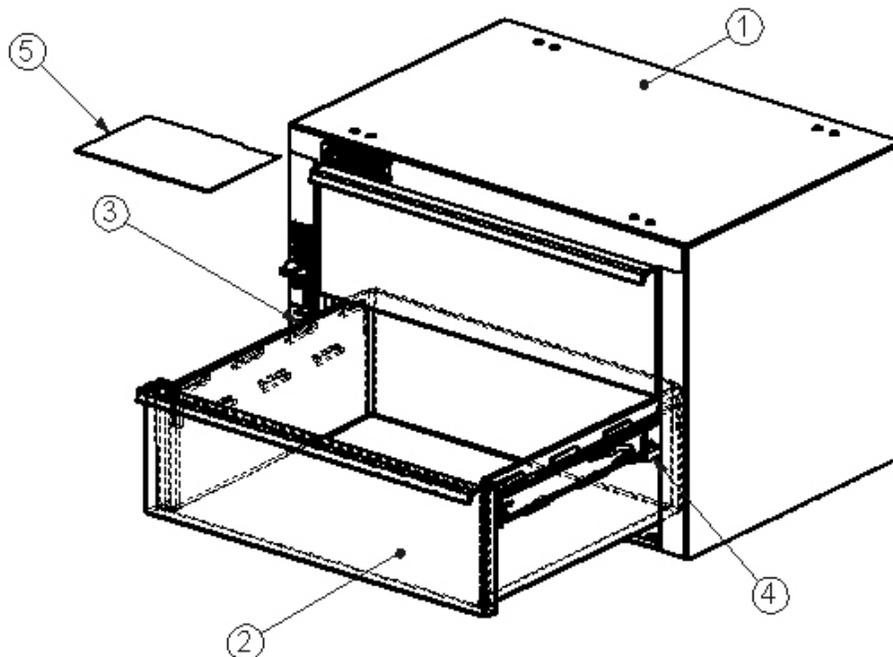
Introduction / Comments:

The drawer unit body is a sturdy welded and painted steel housing. The housing has 1/4-20 riv-nuts installed into the base of the unit for easy installation. Also pre drilled mounting holes in the top of the cabinet to allow for quick and easy stacking of units. 2 polymer drawers ride on ball bearing glides. Each cabinet includes a sliding latch/lock system designed to secure the drawers during vehicle movement. A cam lock allows for securing your inventory for more security

Note:

It is advised that all fasteners used in this assembly and installation should be checked for tightness at the following intervals: @ 2-weeks and again @ 6-weeks of operation. This preventive maintenance step must be completed to ensure your Product gives you long service life.

ITEM NO.	PART NUMBER	DESCRIPTION	19S/QTY.
1	39197-G	WRAPPER BODY ASSM	1
2	40016	DRAWER SUB ASSY. 19/919	2
3	40827-LH	250MM SLIDE, CABINET HALF, LH	2
4	40287-RH	250MM SLIDE, CABINET HALF, RH	2
5	BAG00001-0	FASTENER BAG 9,19,919	1



19
2 DRAWER MEDIUM

- 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 31119-0 (3/8" X 1/2"
DEEP), 31121-0 (1/2" x 1/2" 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.

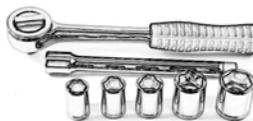
THE BASIC TOOLS NEEDED FOR MOST INSTALLATIONS



DRILL



DRILL BIT WITH
STOP



RATCHET, SOCKETS
AND/OR WRENCHES



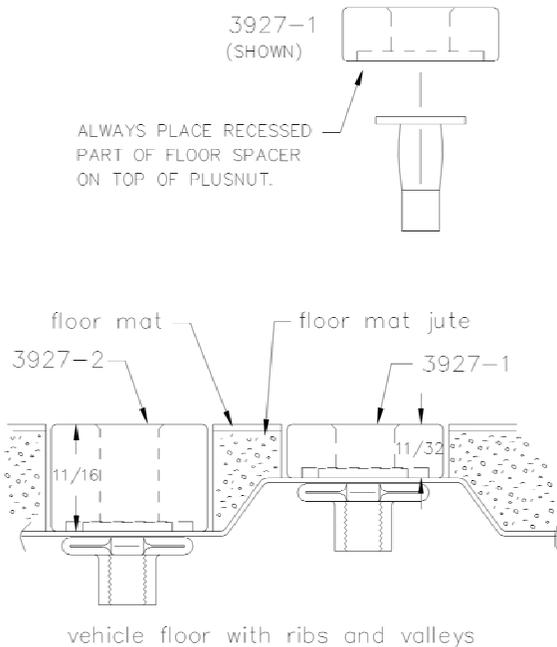
SCREWDRIVERS



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.

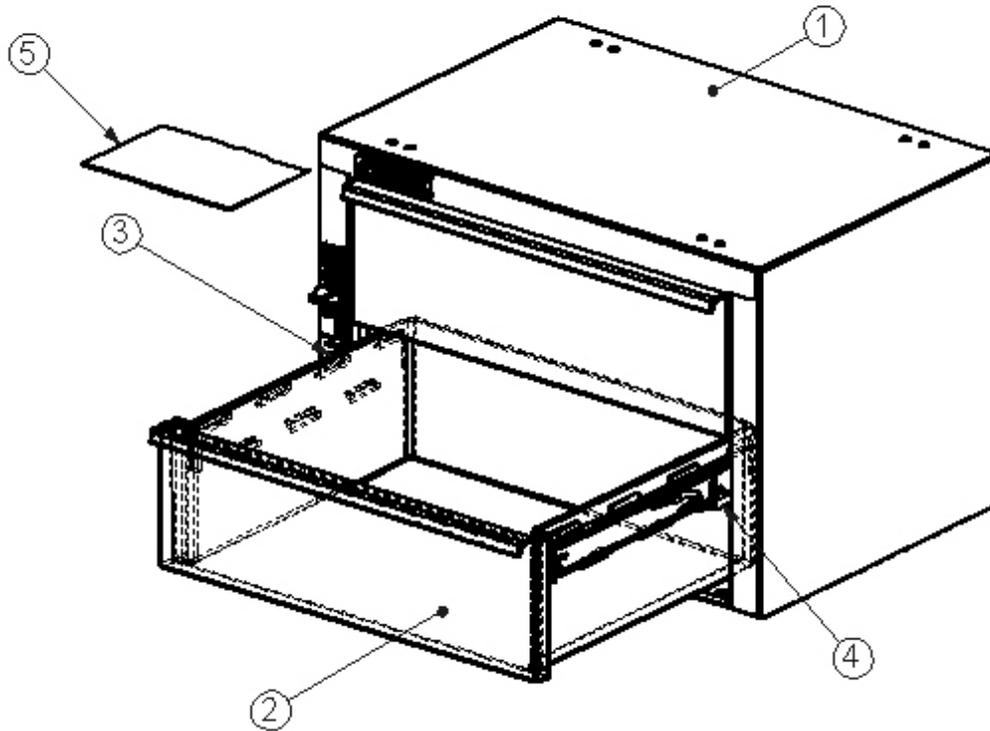


A PLUSNUT (RIVNUT) SETTING TOOL IS REQUIRED FOR PLUSNUT (RIVNUT) INSTALLATION . PLUS NUT SETTING TOOL CAN BE ORDERED THROUGH ADRIAN STEEL, OR USE AN AIR POWERED PLUSNUT SETTING GUN.

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

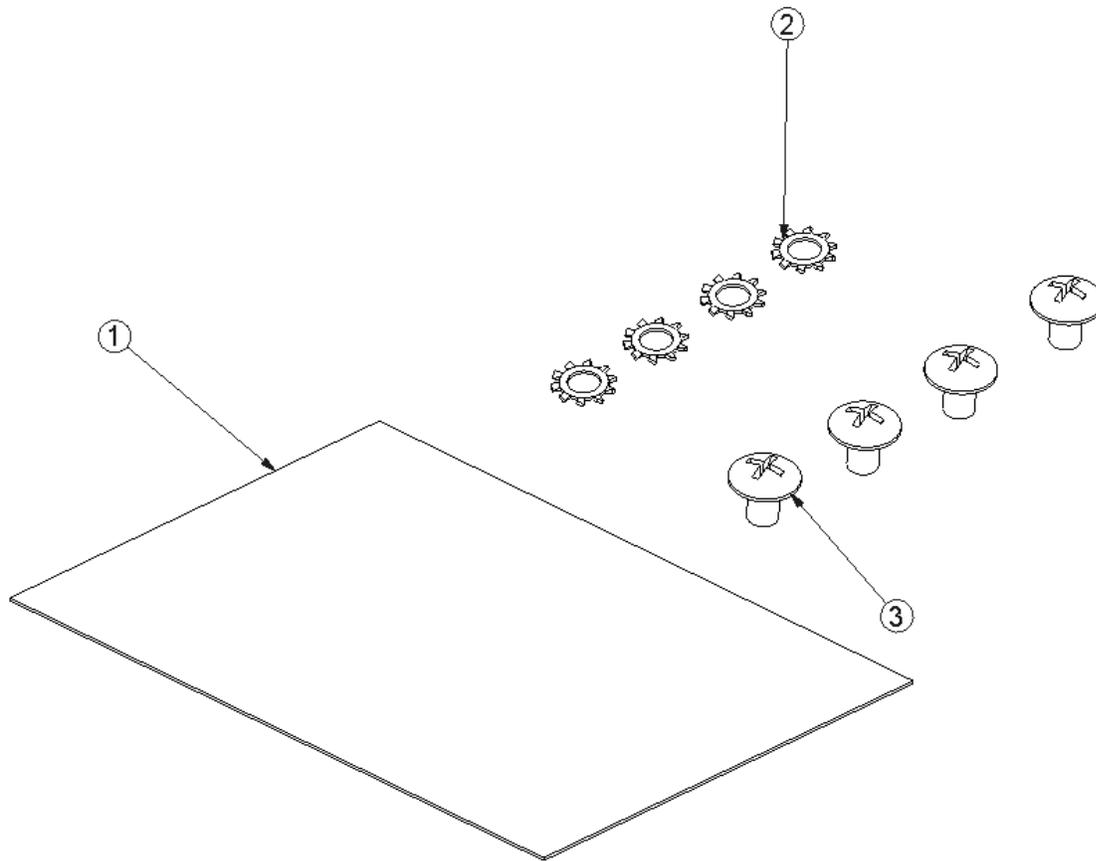
5/16-18UNC Plusnut (FAS0091) Use 1/2" dia. drill w/stop
 FAS0095 SCREW, HXHD, 5/16-18UNCx2.00", G8
 FAS0086 WASHER, FLAT, 5/16"ID
 22200-0 PLUSNUT TOOL

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).

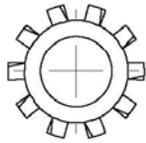


INSERT TWO (2) 40287-LH AND TWO (2) 40287-RH SLIDES INTO CABINET BODY.
INSERT TWO (2) 40016 DRAWERS INTO CABINET BODY.
PLACE BAG00001-0 INTO THE SECOND DRAWER. TAPE
THE LOCK KEYS INTO THE FRONT RIGHT BOTTOM OF THE SECOND
DRAWER AND CLOSE THE DRAWERS.

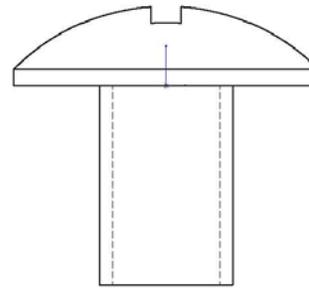
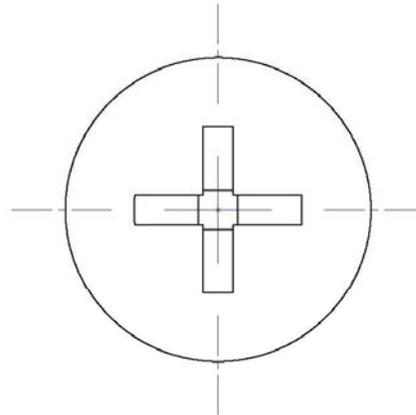
ITEM NO.	PART NUMBER	DESCRIPTION	BAG00001-0./QTY.
1	BAG0505-A	5" x 5" 3MIL AUTOBAG	1
2	FAS 0066	Washer, Lock, Ext. Tooth, 1/4	4
3	FAS0520	Screw, Truss Hd. Ph, 1/4-20x .375" lg	4



Individual Fastener Images & Descriptions

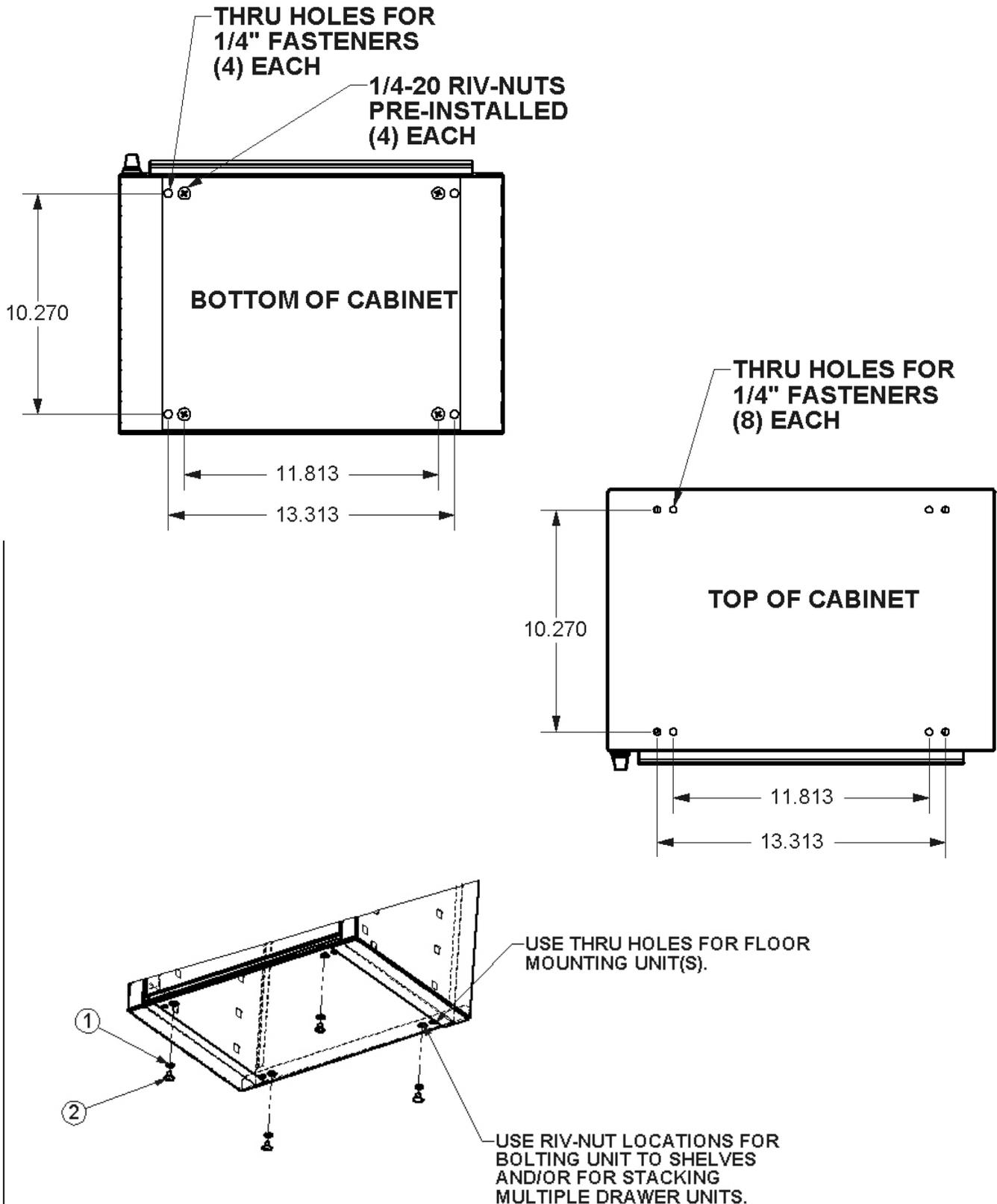


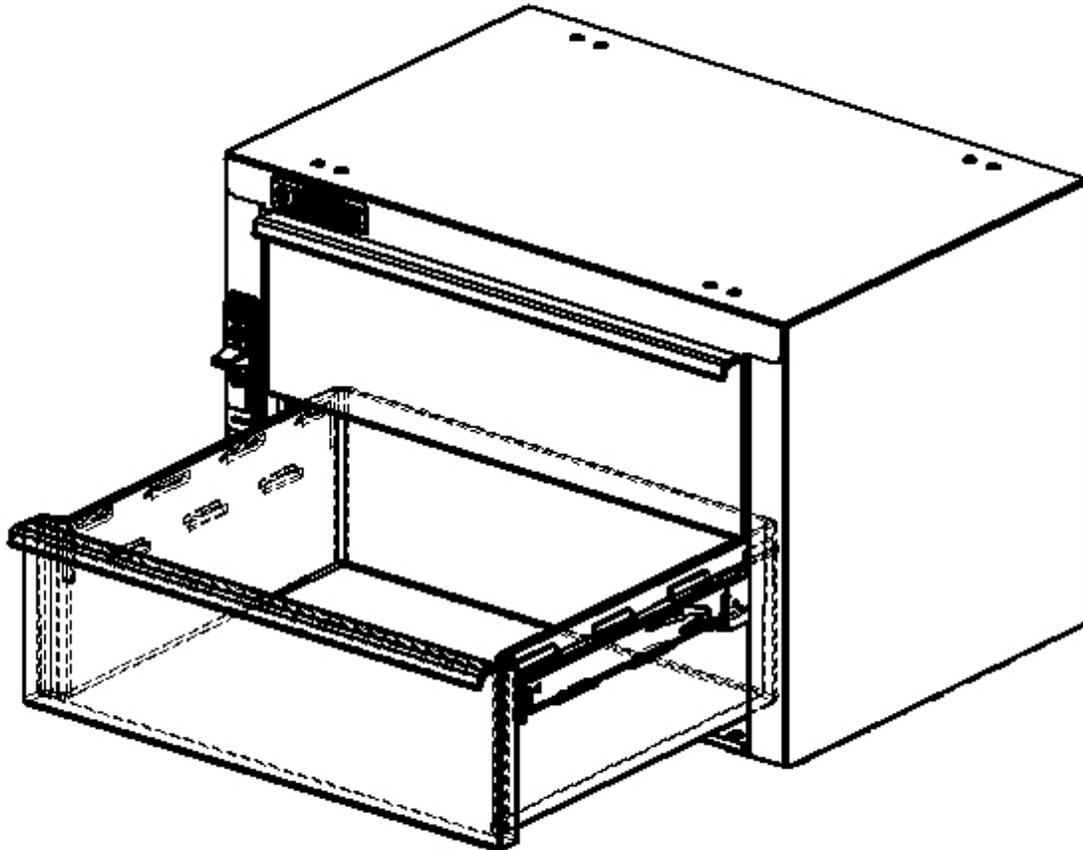
FAS0066
WASHER,LCK EXT 1/4 ZP



FAS0520
SCREW,THP 1/4-20 X .38
ZP

Step 01 Methods of Attachment





**DOUBLE CHECK ALL FASTENERS LOCATIONS TO BE SURE THAT ALL
FASTENERS ARE TIGHTENED TO SPECIFICATIONS.
YOUR INSTALLATION IS NOW COMPLETE!
STOW THIS COPY IN THE VEHICLE FOR FUTURE REFERENCES!**