

# Tank & or Shelf Unit Assembly

P.N.: 37958-0

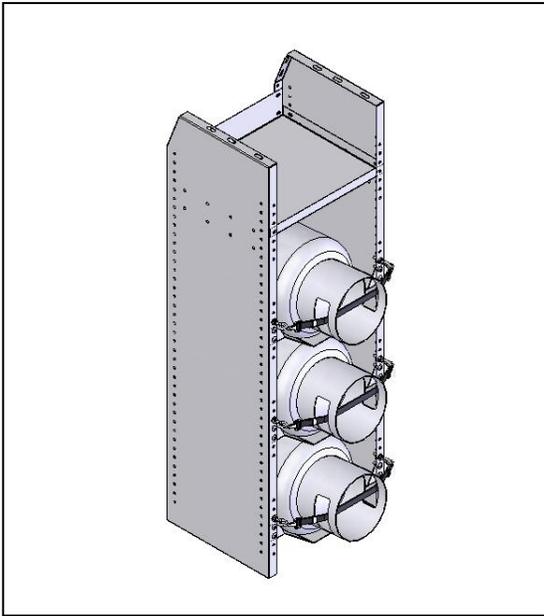
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CHK.BY:

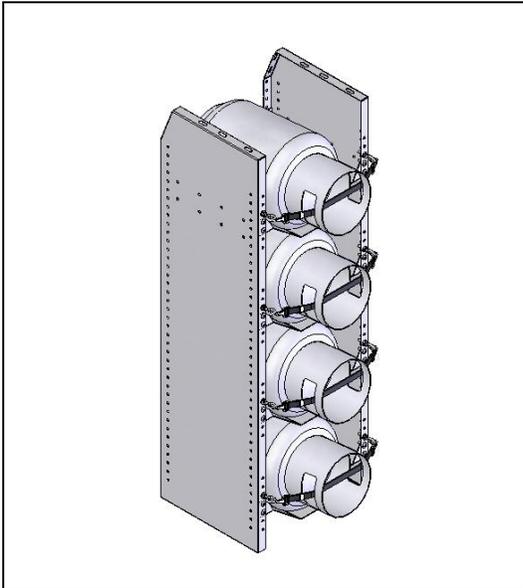
REV.BY:

DWG.BY: BTS

ECN-12435 DATE: 08/31/09



TS3T1S  
3 TANK & 1 SHELF UNIT



TS4T  
4 TANK HOLDER UNIT

# Adjustable KD Shelf Unit Assembly

## BEFORE YOU START!

IMPORTANT INSTALLATION STEPS ARE DENOTED USING A STOP SIGN. THESE STEPS MUST BE PERFORMED AS SPECIFIED IN ORDER TO ENSURE A PROPER INSTALLATION AND MUST BE FOLLOWED IN ORDER TO MAINTAIN YOUR PRODUCT WARRANTY!



CRITICAL INFORMATION PERTAINING TO USER AND/OR VEHICLE SAFETY IS DENOTED USING A CAUTION SIGN. SAFETY ITEMS MUST BE STRICTLY ADHERED TO IN ORDER TO ENSURE A SAFE WORKING ENVIRONMENT!



YOU WILL NEED THE FOLLOWING TOOLS IN ORDER TO COMPLETE THIS JOB.

#3 PHILLIPS SCREWDRIVER	
7/16" OPEN END WRENCH	RATCHET WRENCH, WITH 7/16" SOCKET

ALL FASTENERS USED IN THE ASSEMBLY AND INSTALLATION OF THIS PRODUCT SHOULD BE TIGHTENED TO THE SPECIFIED TORQUE AS LISTED WITH EACH FASTENER CALLOUT BOX.

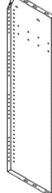
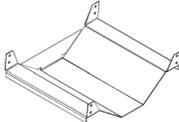
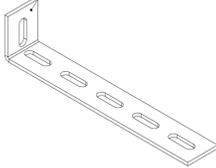


THE USE OF AIR OR ELECTRIC IMPACT TOOLS FOR THE ASSEMBLY OF FASTENERS IS NOT RECOMMENDED AND COULD CAUSE FASTENER FAILURE!



**STEP – 01**

**PARTS LIST**

 <b>FAS0055</b> <b>1/4-20UNC</b> <b>HEX FLANGE</b> <b>NUT</b> <b>8 FT-LBS</b> <b>TORQUE</b>	 <b>FAS0062</b> <b>1/4-20UNC X</b> <b>0/.75"</b> <b>TRUSS</b> <b>HEAD</b> <b>PHILLIPS</b> <b>SCREW</b>	 <b>FAS0050</b> <b>EYEBOLT,</b> <b>1/4-20 X.5 X</b> <b>.88</b>	 <b>EPH1346LH</b> <b>END PANEL</b> <b>(1) REQ.</b>	 <b>EPH1346RH</b> <b>END PANEL</b> <b>(1) REQ.</b>
 <b>SF11413</b> <b>SHELF</b>	 <b>TH3050</b> <b>TANK</b> <b>HOLDER</b> <b>SHELF</b>	 <b>29895-0</b> <b>TIE DOWN,</b> <b>ASM, WTR</b>	 <b>MB113</b> <b>MOUNT</b> <b>BRACKET</b> <b>W/FAS</b>	 <b>FAS0067</b> <b>1/4 " FLAT</b> <b>WASHER</b>

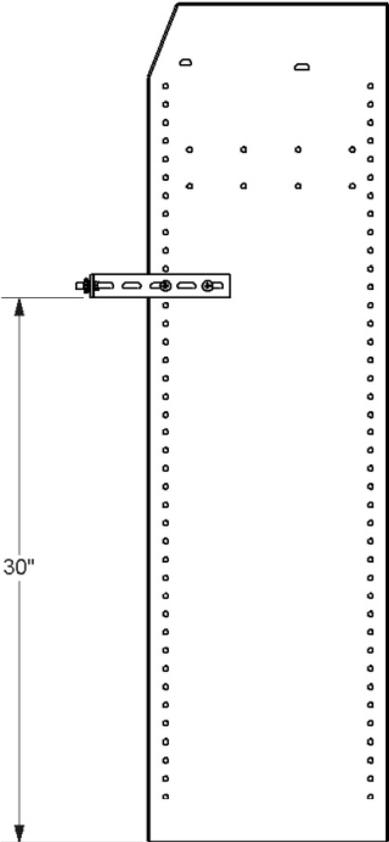
QTY. OF NEEDED PARTS PER UNIT							
	EPH1346LH	EPH1346RH	SF11413	TH3050	29895-0	FAS0050	MB113
TS3T1S	1	1	3	1	3	6	1
TS4T	1	1	0	4	4	8	1

Assemble KD unit as shown in detail views below.

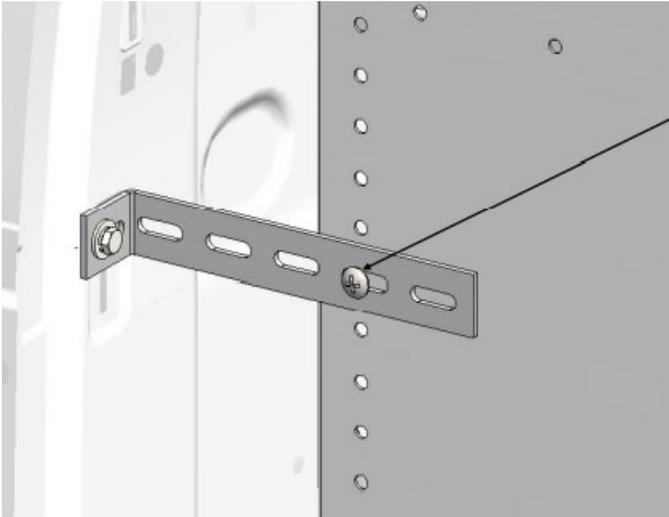
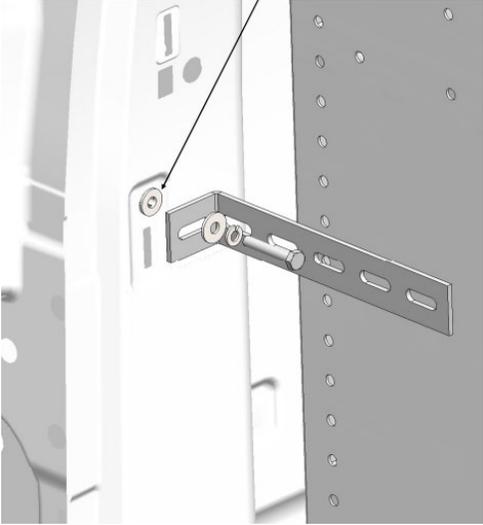
# Adjustable KD Shelf Unit Assembly

**STEP - 02**

## FOR TRANSIT CONNECT D-PILLAR MOUNTING



- 1/2" DIA HOLE
- (1) FAS0052 - 1/4" PLUSNUT
- (1) FAS0067 - FLAT WASHER
- (1) FAS0060 - LOCK WASHER
- (1) FAS0078 - 1/4" X 1" LG SCREW

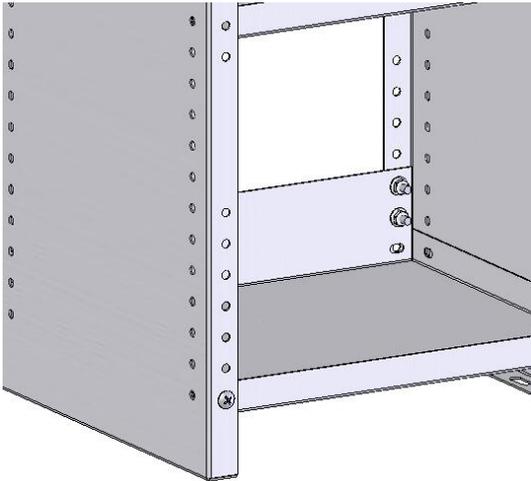


- (1) FAS0018 - 1/4" X 0.62" LG SCREW
- (1) FAS0055 - NYLOCK NUT

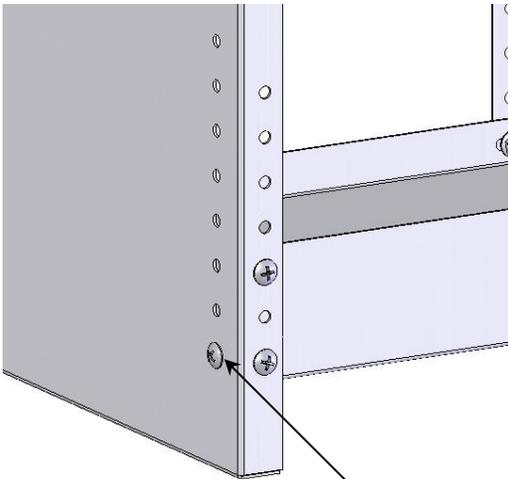
**STEP – 03**

**SHELF TO END PANEL ASSEMBLIES**

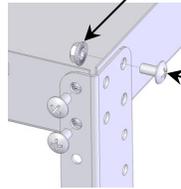
FRONT OF SHELF UNIT



BACK OF SHELF UNIT



FAS0055  
NUT, HEX FLANGE, 1/4-20UNC



FAS0062  
SCREW, THP, 1/4-20UNC X 1/2"

ILLUSTRATION  
PURPOSES ONLY

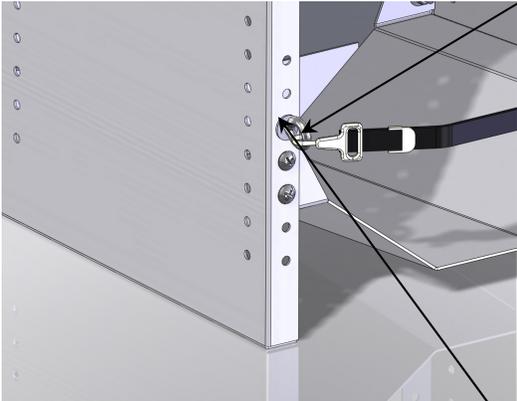
THESE PICTURES ARE TO SHOW THE  
FASTENER PATTERN FOR THE SHELF

IF UNIT ARE TO BE SET NEXT TO EACH OTHER, DO NOT USE FASTENERS ON END PANELS. SECURE UNITS TOGETHER THRU END PANELS ; SEE PDS DRAWINGS FOR LOCATION SPECIFIC.

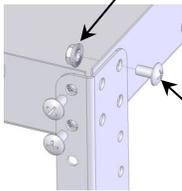
**STEP - 04 TANK HOLDER TO END PANEL ASSEMBLIES**

FRONT OF SHELF UNIT

FAS0050 EYEBOLT  
ORIENT VERTICAL



FAS0055  
NUT, HEX FLANGE, 1/4-20UNC

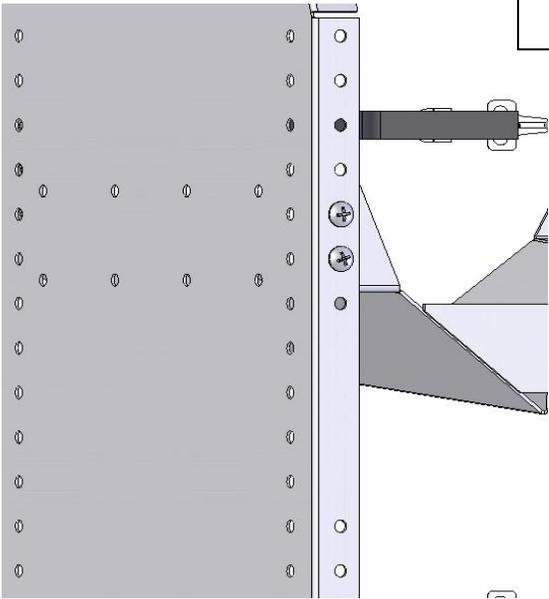


FAS0062  
SCREW, THP, 1/4-20UNC X 1/2"

ILLUSTRATION  
PURPOSES ONLY

FAS0055 & FAS0067  
NUT, HEX FLANGE, 1/4-20UNC, 1/4" FLAT  
WASHER.  
WASHER UNDER EYEBOLT, NUT ON  
BACK SIDE TO TIGHTEN DOWN

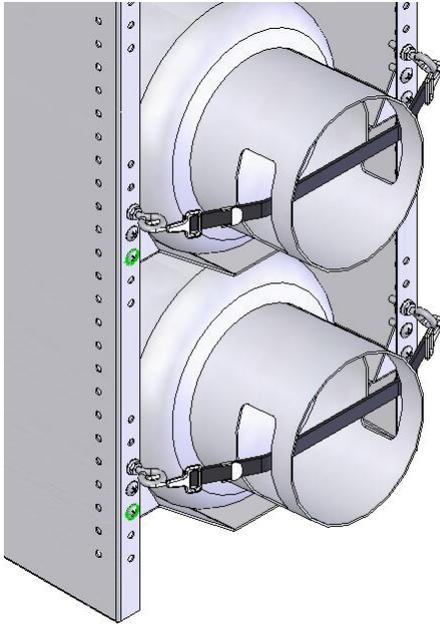
BACK OF SHELF UNIT



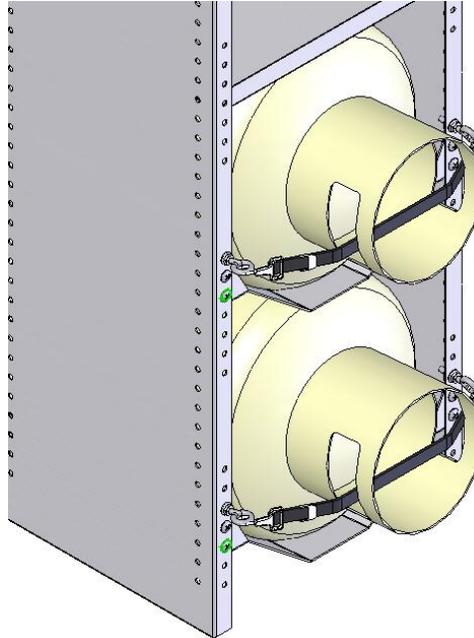
THESE PICTURES ARE TO SHOW THE  
FASTENER PATTERN FOR THE TANK  
HOLDER SHELF, EYEBOLTS, AND TIE  
DOWN ASM

**STEP – 05**

**SPACING NEEDED FOR #30 AND #50 TANKS**



11 INCH SPACING  
REQUIRED BETWEEN  
SHELVES FOR #30 TANKS



13 INCH SPACING  
REQUIRED BETWEEN  
SHELVES FOR #50 TANKS

**THE ABOVE STEPS SHOW HOW TO ASSEMBLE THE UNITS.**

**PLEASE SEE THE PDS FOR THE PROPER HEIGHTS OF THE SHELVES IN THE DIFFERENT UNITS.**

**THERE MAY BE EXTRA FASTENERS WHEN SHELVING UNITS ARE COMPLETELY ASSEMBLED CORRECTLY**



**DOUBLE-CHECK ALL FASTENER LOCATIONS TO BE SURE THAT ALL FASTENERS ARE TIGHTENED TO SPECIFICATIONS!**



**YOUR INSTALL IS NOW COMPLETE! STOW THIS COPY IN THE VEHICLE FOR FUTURE REFERENCE!**