



ADRIAN STEEL®

Cargo Management Solutions for Commercial Vehicles

“AD-Series” Shelving Door Kits Installation Instructions

P.N.: 36490-0

ISSUE: C

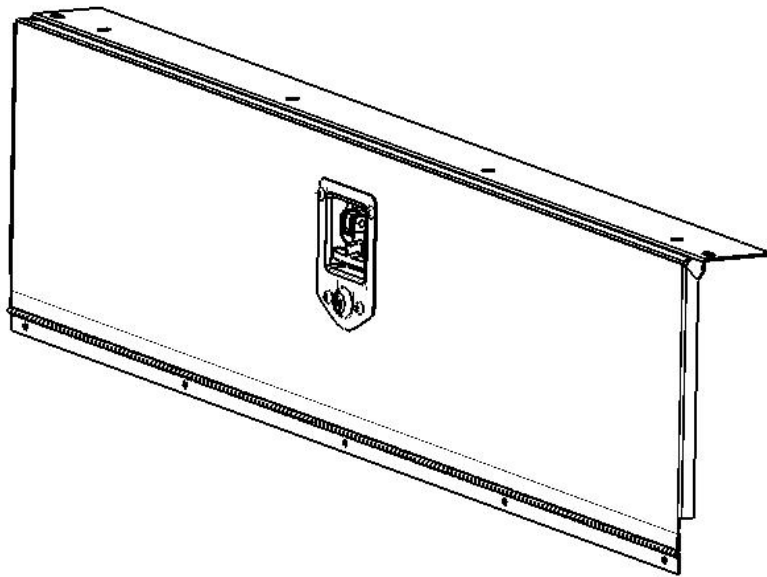
CHK.BY:

REV.BY: ECV

DWG.BY: D.SNIDER

DATE: 09/02/2015

ECN-117787



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 ENVIROMENT!



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

3/8" OPEN END WRENCH TORQUE WRENCH with 1/3/8" SOCKET	#2 PHILLIPS SCREWDRIVER
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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!



WARNING



THE USE OF DRILLS WITH INTEGRAL DRILL STOPS ALONG WITH PROPER INSPECTION FOR GAS TANK, GAS LINES, BRAKE LINES AND ELECTRICAL LINES PRIOR TO DRILLING ANY MOUNTING HOLES IS STRONGLY RECOMMENDED TO ENSURE THAT VEHICLE DAMAGE IS AVOIDED!

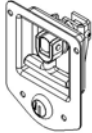
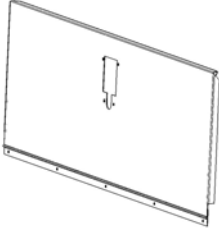


THE USE OF NON-STANDARD FASTENERS AND/OR DEVIATING FROM THE FASTENERS SPECIFIED IN THE INSTRUCTION (S) MAY VOID YOUR PRODUCT WARRANTY!

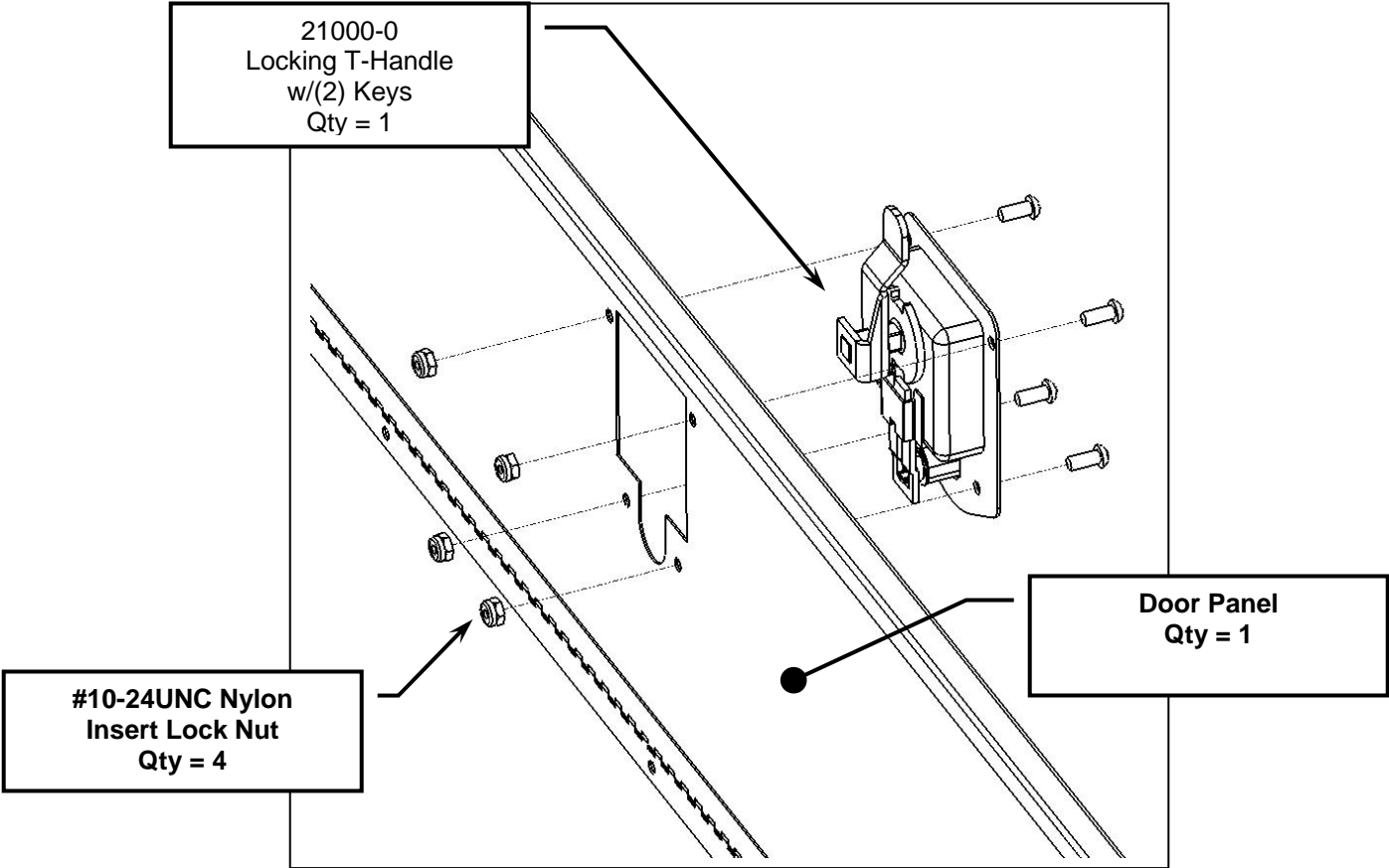
ALL DRILLED HOLES IN THE VEHICLE SHOULD HAVE THE RAW METAL EDGES SEALED WITH A SELF-ETCHING PRIMER TO RESIST CORROSION AND POTENTIAL FASTENER POINT FAILURE!

STEP – 01A


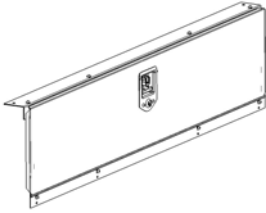
T-Handle Latch Installation on Door Panel Weldment Assembly

 <p>21000-0 Locking T-Handle w/Key (2) Locking Keys (4) #10-24UNC x ½" Rnd Hd Screws (4) #10-24UNC Nylon Lock Nuts 24 in-lbs +/- 3 in-lbs</p>	 <p>Hinged Door Assembly (Height &/or Width Dependent on Door Kit Being Installed)</p>
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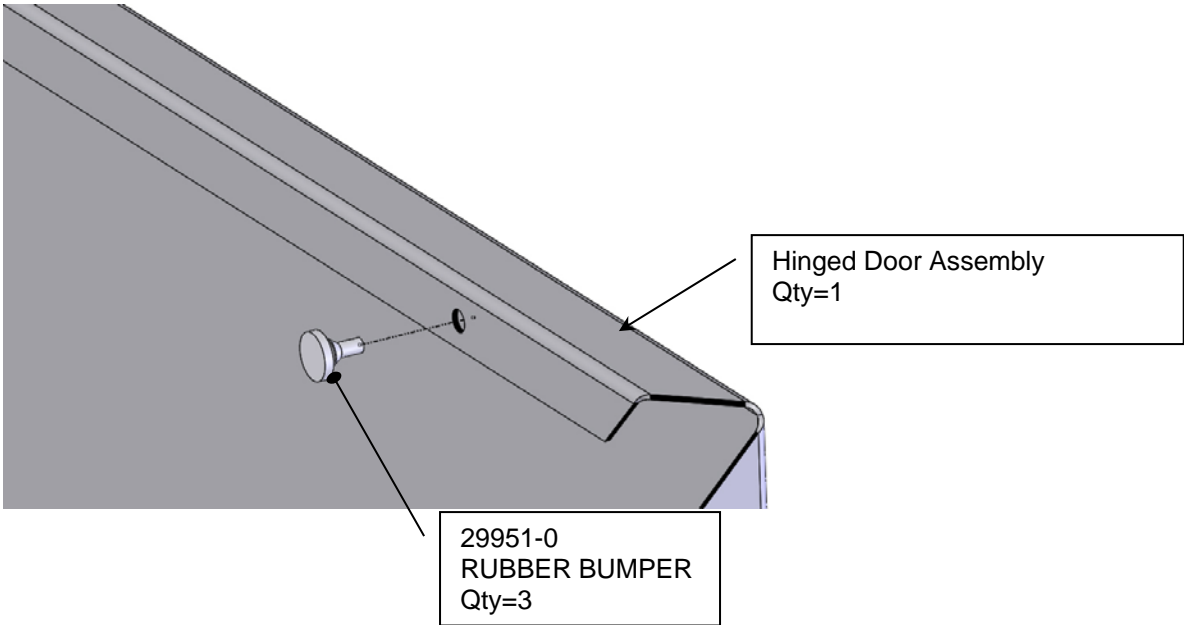
Remove contents from vendor supplied bag, position T-Handle in door panel as shown below. Secure the latch to the door panel with the supplied screws identified above and in figure below.



STEP – 01B **Rubber Bumper Installation on Door Panel Assembly**

	<p>29951-0 BUMPER,BUTTON-NEOPRENE</p>
	<p>Hinged Door Assembly (w/T-Hndl Installed from Step 01A)</p>

Install 3 Bumpers onto the door assembly, in the holes on the upper lip of the door panel as shown.



STEP – 02

Door Assembly Installation into (AD Series Shelving Units)

Please note that these particular door kits (DK4208 & DK4210) can be installed on the AD-Series shelving units only. The illustration below shows an installed DK4208 & DK4210, please note the shelf position and orientation for a proper install.

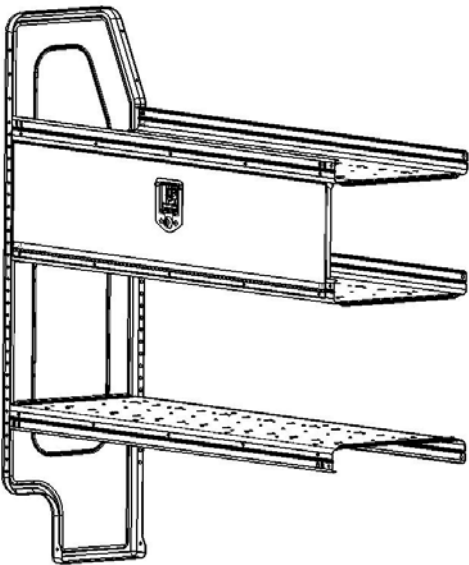


Figure 2a
DK4208 shown in upper position with the lower shelf orientated to fit misc. modular components.
(9/19/919/DC6/DC12)

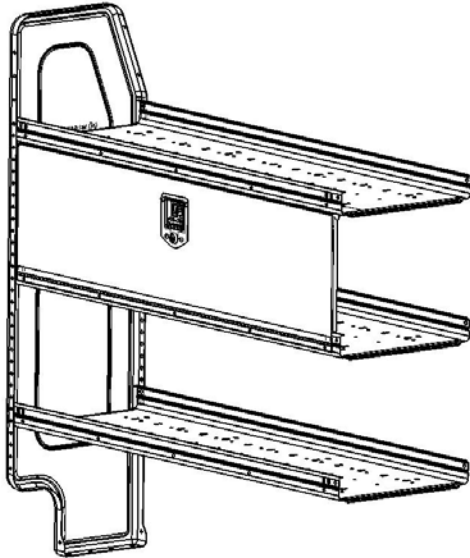




Figure 2b
DK4210 shown in upper position with the lower shelf orientated to fit a second DK4210 Door Kit.

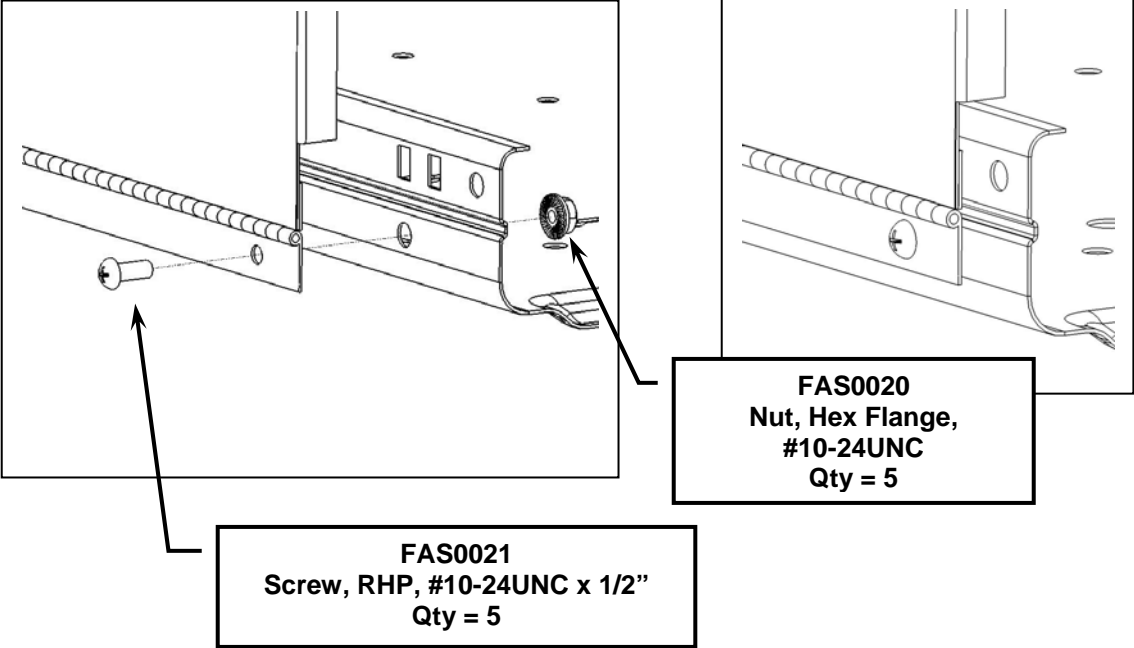
Note:
Both views shows the bottom shelf in the lowest position on the end panels and still have clearance between bottom of shelf and the vehicle wheelhouse when the AD series shelving is install in a full size van.

STEP – 02

Door Assembly Installation into (AD Series Shelving Units) continued





 <p>FAS0020 Nut, Hex Flange, #10-24UNC Qty = 5 24 in-lbs +/- 3 in-lbs</p>	 <p>FAS0021 Screw, RHP, #10-24UNC x 1/2" Qty = 5 24 in-lbs +/- 3 in-lbs</p>
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Position door hinge and align the hinge mounting holes with the holes pre-punched in the shelf flange. Secure the door weldment assembly hinge to the shelf flange with the fasteners listed. Prior to final tightening, center the door panel between the vertical end panel flanges and adjust vertically to get an even gap along the top of the door panel and the bottom of the shelf.

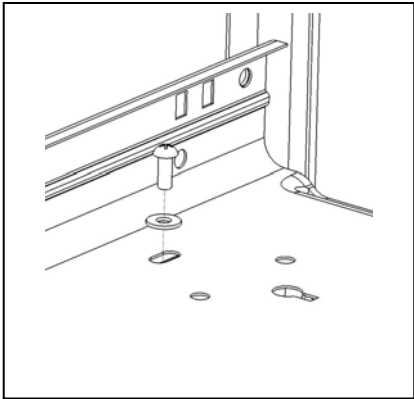
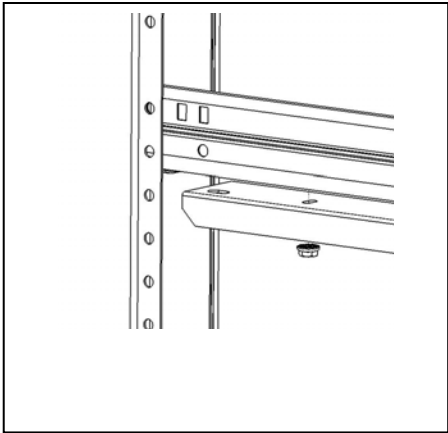


STEP – 03

Door Stop to Shelf Installation

 <p>FAS0020 Nut, Hex Flange, #10-24UNC Qty = 4 24 in-lbs +/- 3 in-lbs</p>	 <p>FAS0021 Screw, RHP, #10-24UNC x 1/2" Qty = 4 24 in-lbs +/- 3 in-lbs</p>	 <p>FAS0027 Washer, Flat, #10 Qty = 4</p>	 <p>36488-0 Stop, Door Kit, EPS1446 Qty = 1</p>
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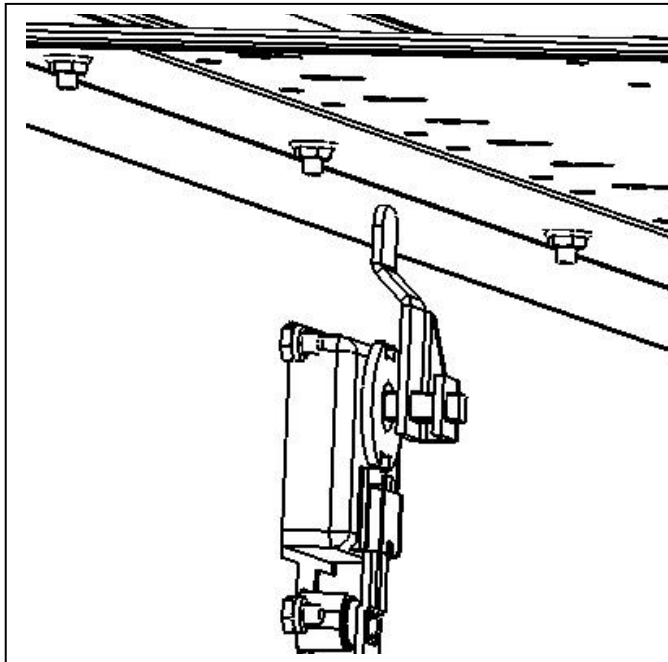
Position the door stop on the underside of the upper shelf with the flange facing as shown in far left detail view. Align the slots in the door stop with the slots in the shelf as identified in the right hand view. Secure stop rail in place with fasteners identified above, tighten to hand tight only at this time. The stop rail will need minor adjustment such that the exterior surface of the door panel is flush with the shelf vertical end panel as shown in the bottom view .



STEP – 03

T-Handle Latch Pawl Adjustment

Loosen screw securing pawl to shaft and reposition until it contacts the inside surface of the door stop and securely holds the door panel against the door stop.



STOP

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

STOP

**YOUR INSTALLATION IS NOW COMPLETE! STOW THIS COPY IN
THE VEHICLE FOR FUTURE REFERANCE!**