

TITLE: FOLDING SHELF MODULE ASSEMBLY		
DOCUMENT #: WI-FOLD SHELVING ASSY	LABOR HOURS: 1.0	PRINT DATE: 1/10/25
REVISION: 1	PREPARED BY: RAM KISHORE	DATE PREPARED: 1/09/25
EFFECTIVE DATE: -	REVIEWED BY: M. McClelland	DATE REVIEWED: -
FUNCTIONAL DEPARTMENT: ENGINEERING	APPROVED BY: M. McClelland	DATE APPROVED: -

STANDARD WARNINGS:

- READ WORK INSTRUCTIONS IN ENTIRETY BEFORE STARTING
- CHECK THAT YOU ARE PROPERLY CLEAR OF GAS TANK AND WIRES BEFORE DRILLING
- CONTACT ENGINEERING IF QUESTIONS ARISE OR DOCUMENT NEEDS TO BE UPDATED
- FOLLOW ALL LISTED OEM SYSTEM FUNCTIONALITY CHECKS AFTER INSTALL.

PART IDENTIFICATION / BOM:

PART NUMBERS	DESCRIPTION	QTY-UM
• 0ALU994	UPR FLDG SHLF ASM 3FT	2.0000 EA
• 0ALU972	UPR SHELF STAND 68	1.0000 EA
• 0ALU984	SHIM SHELF BRKT	4.0000 EA
• 0ALU985	BRKT SHELF LH	2.0000 EA
• 0ALU986	BRKT SHELF RH	2.0000 EA
• RM521209	NUT ESH 3/8-16	8.0000 EA
• RM541082	WASHER FLAT 3/8	12.000 EA
• RM511511	SCREW HHC 3/8-16X1.25	4.0000 EA
• RM520227	NUT NYLOC 1/4-20 SS	4.0000 EA
• RM541061	WASH.25" USS FLAT ZINC	4.0000 EA
• RM510679	SCREW 3/8-16 X 3-1/4" HEX HEAD	4.0000 EA
• RM510676	BLT SHLDR 5/16X2-1/2 1/4-20	4.0000 EA
• 0ALU988	SHLF ASM FLDG 36X16	1.0000 EA
• 0ALU968	PNL SHLF 36X15	1.0000 EA
• 0ALU966	ARM SHELF 14	4.0000 EA
• 0ALU967	SUPT BRKT SHLF SIDE 18	2.0000 EA
• 0ALU965	SUPT BRKT SHELF FR36	1.0000 EA
• RM540340	RIVET BLIND 1/4"X1/2" SS	50.000 EA
• 0ALU989	SHLF ASM FLDG 36X14	1.0000 EA
• 0ALU971	PNL SHLF 36X14	1.0000 EA
• 0ALU970	SUPT BRKT SHLF SIDE 11	2.0000 EA
• 0ALU969	SUPT BRKT SHELF FR36	1.0000 EA
• 0ALU964	BRKT SHLF BTM	1.0000 EA

- | | | |
|------------|--------------------------------|-----------|
| • 0ALU963 | SUPT SHLF FRT | 3.0000 EA |
| • 02T148 | HDW BAG FLDG SHLF 3FT | 1.0000 EA |
| • RM420032 | CTN RSC 51X41X19.875 71 ECT BC | 1.0000 EA |

TOOLS REQUIRED:

- Impact Driver
- 1/4" Rivet Gun
- 5/16" Wrench
- 3/8" Wrench

TORQUE TABLE

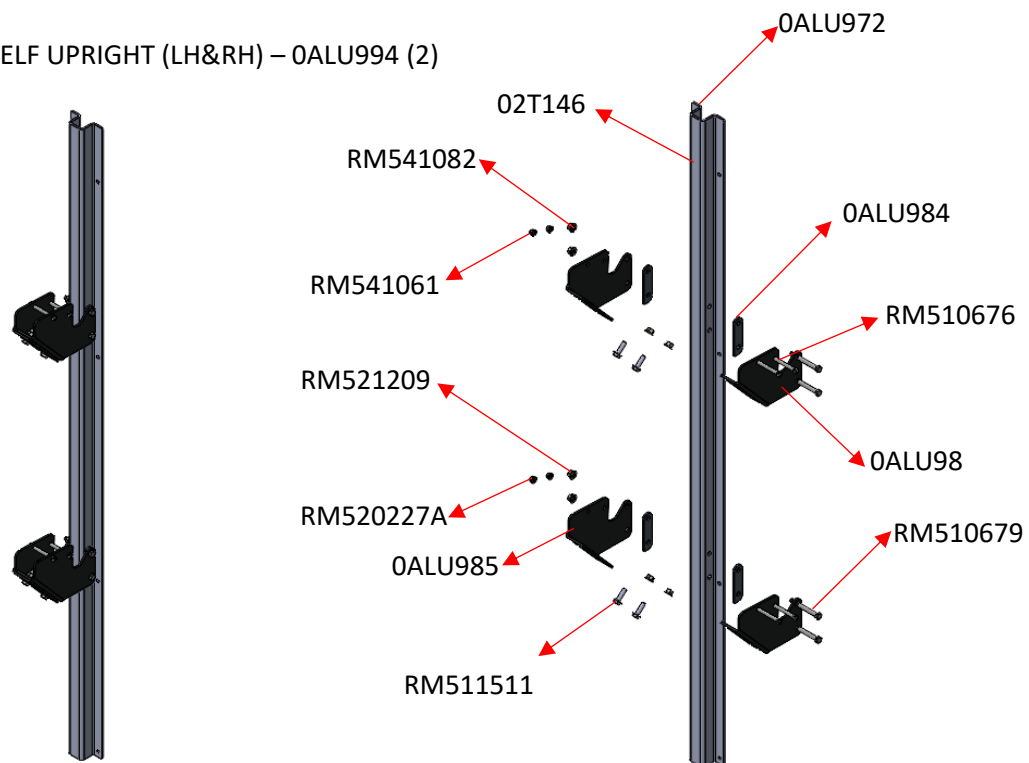
SIZE	TIGHTENING TORQUE
1/4-20 (.250)	12 in lbs.
5/16-18 (.3125)	25 ft lbs.
3/8-16 (.375)	44 ft lbs.

KIT PACK

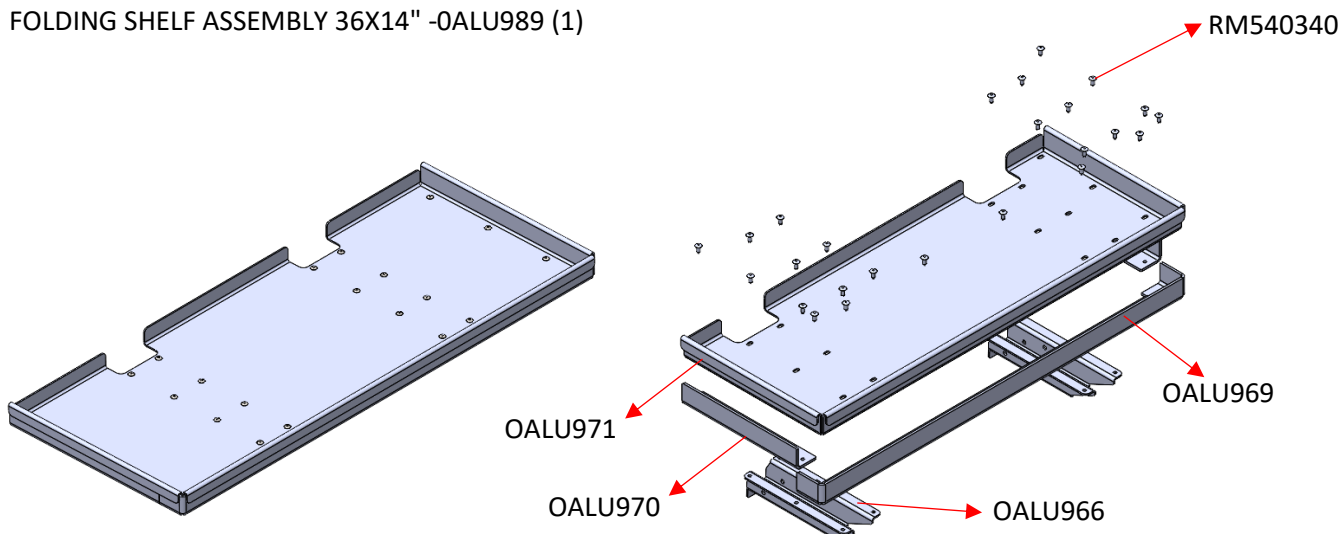
- FOLDING SHELIVING PACK 45" (1)

SUB-ASSEMBLY

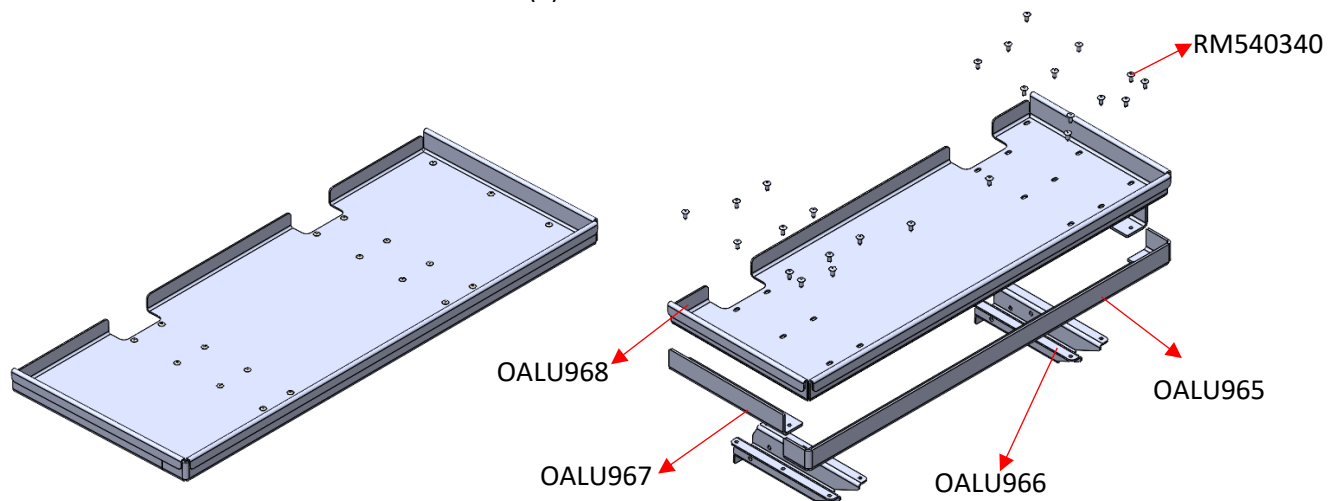
- FOLDING SHELF UPRIGHT (LH&RH) – 0ALU994 (2)



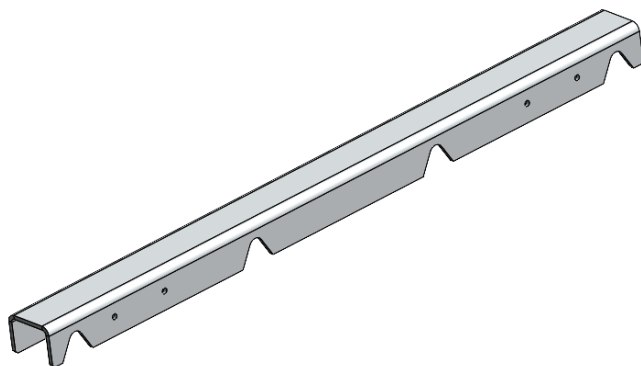
- FOLDING SHELF ASSEMBLY 36X14" -OALU989 (1)



- FOLDING SHELF ASSEMBLY 36X16" -OALU988 (1)



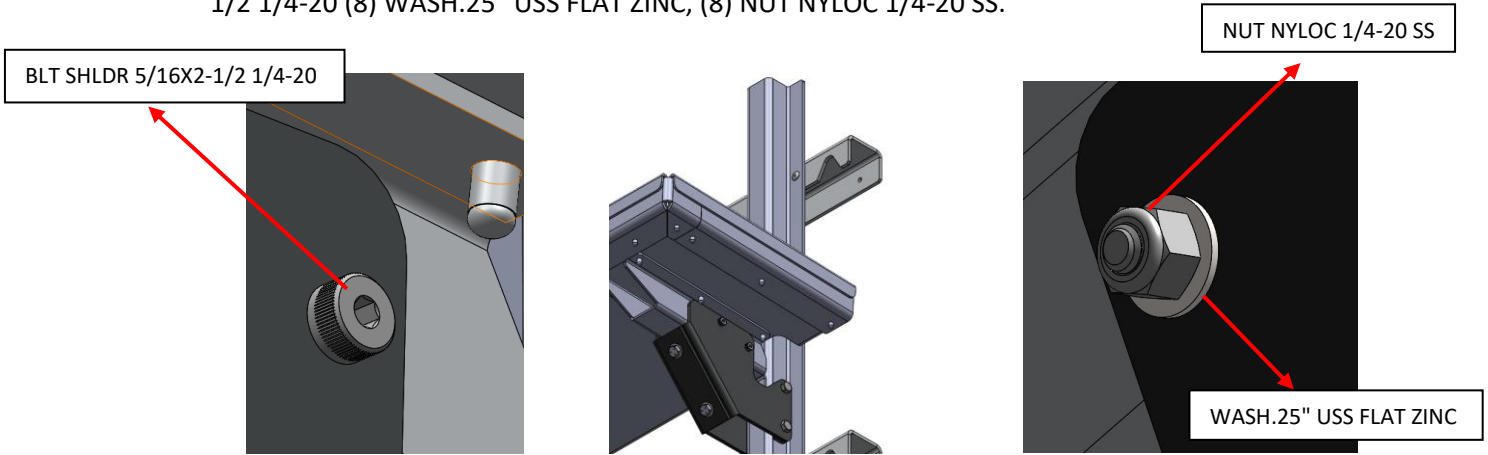
- FOLDING SHELF VAN MOUNT BRK -OALU963(3)



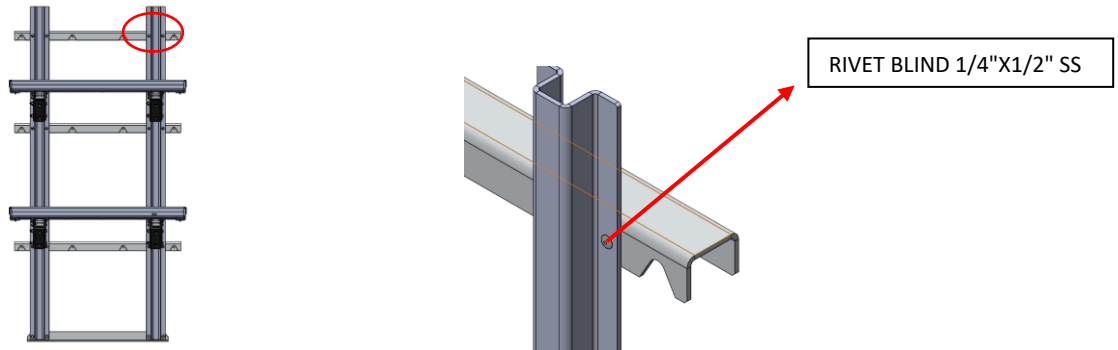
- FOLD FLAT HD HARDWARE BAG (1) – 02T148

MODULE ASSEMBLY:

- Lay the **FOLDING SHELF UPRIGHTS** Assemblies down on the workbench and ensure that they are parallel, squared, and aligned with each other.
- Attach (2) **FOLDING SHELF ASSY** to the **UPRIGHT ASSEMBLY** at two positions using (8) **BLT SHLDR 5/16X2-1/2 1/4-20** (8) **WASH.25" USS FLAT ZINC**, (8) **NUT NYLOC 1/4-20 SS**.

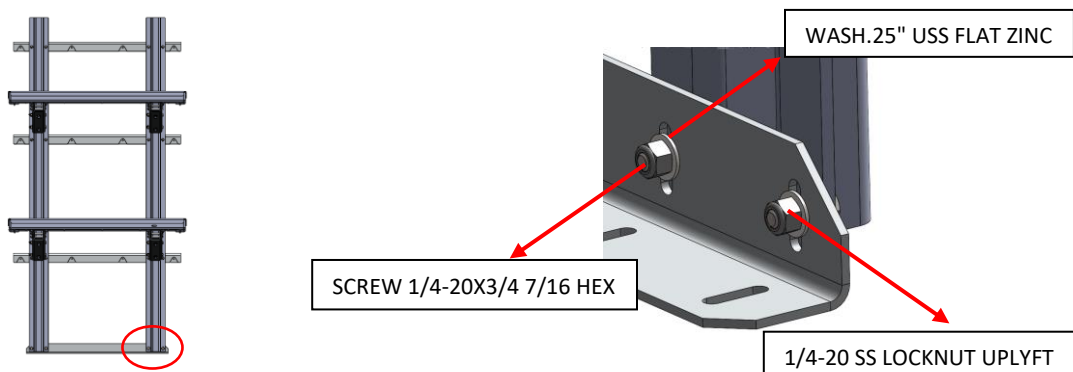


- Connect **FOLDING SHELVINGS VAN MOUNT BRKT** to the **UPRIGHT ASSEMBLY** by using **RIVET BLIND 1/4"X1/2" SS** (12).

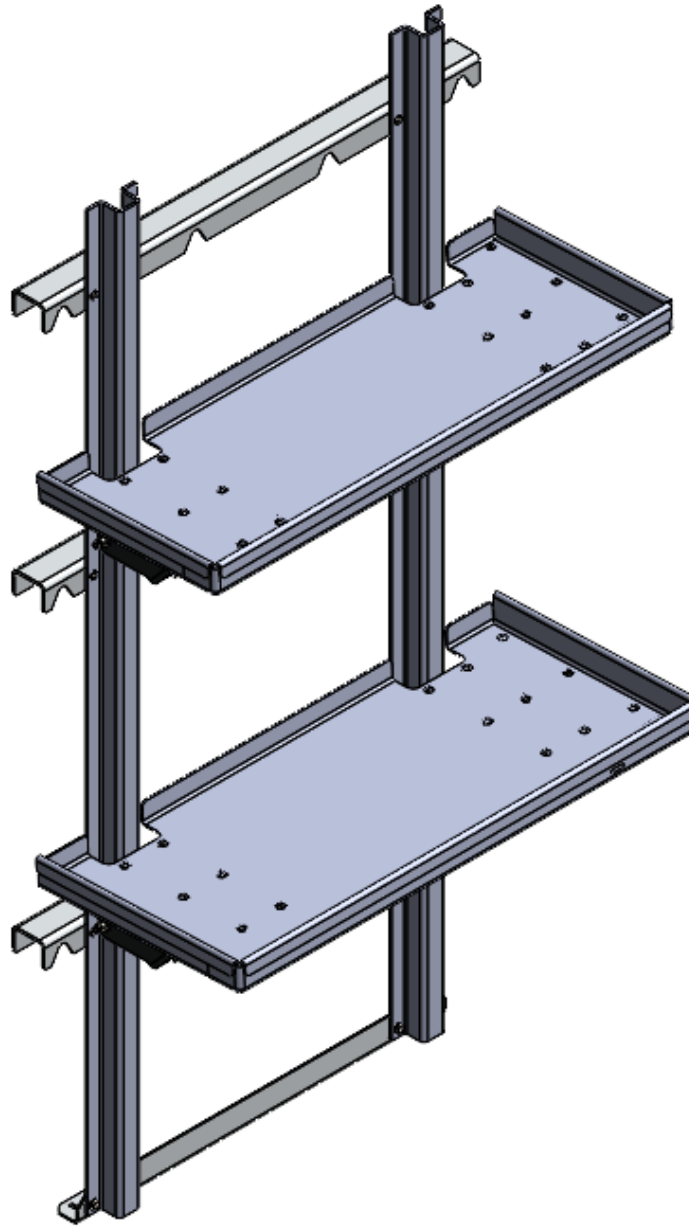


Note: To Connect **VAN MOUNT BRKT** with **VAN BODY** use **RIV BULB-TITE 1/4X.125-.375(12)**

- Connect **FOLDING SHELVINGS** to **BRKT SHLF BTM MOUNT** by using **FASTNERS** (4) **SCREW 1/4-20X3/4 7/16 HEX** AND (8) **WASH.25" USS FLAT ZINC**, (4) **1/4-20 SS LOCKNUT UPLYFT**

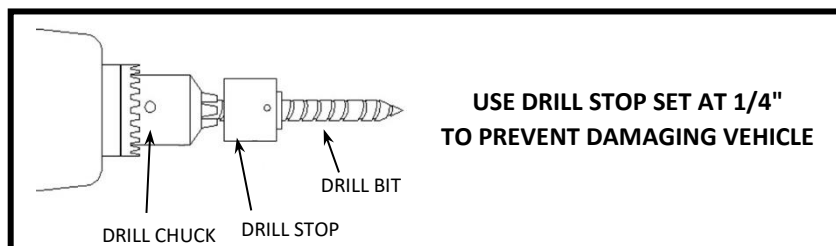


Note: Connect VAN BASE to BRKT SHLF BTM MOUNT by using FASTNERS (4) SCREW HWHM 1/4-20X1.25, (4) WASHER HSL 1/4, (4) PLUSNUT 1/4-20X.02-.280 ZN GR2, (4) PLUS NUT 1/4-20 LC STL #SRT25PB280 ZN-YELLOW



**BEFORE DRILLING**

**CHECK ALL MOUNTING LOCATIONS TO PREVENT PENETRATING
GAS LINES, GAS TANKS, BRAKE LINES, WIRING OR ANY OTHER STRUCTURE OF VEHICLE**



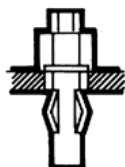
The Plusnut® is pre-bulbed for easy installation

1



The Plusnut® is pre-assembled with hex cap and hex bolt.
Then it is inserted into a pre-drilled hole

2



As the bolt is tightened, the Plusnut® upsets
and provides outstanding
blind fastening holding power

3



C-500 tool tightens bolt thru hex head cap into Plusnut® A
ratchet, open-end or closed –end wrench can be used.

4



Fully upset Plusnut® provides
a reliable nut plate for fastening.

5