



HARDWARE: GRADE 5



**ROCKWOOD/FLAGSTAFF
CLASSIC SUPER/
SIGNATURE ULTRA
LITE DIVISION
PLANT #10-C**

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BY: tknepp	DATE: 10/16/2013	ANGULAR TOLERANCE: $\pm 1^\circ$
		FRACTIONAL TOLERANCE: $\pm 1/16$

DESCRIPTION:

AXLE ASSEMBLY

C:\Vault Working Folder\Designs\Millersburg\PROJECTS\KARL AXLE ASSEMBLY

GAUGE:	FR PART NO.	DWG NO.	REV. X
SIZE C	APPROVED BY:	VENDOR:	SHEET 1 OF 1

Riser Installation Instructions

Parts List:

- 4 - Axle attachment plates
- 4 - Axle spacers
- 24 - ½-13 x 1-1/4" Hex head bolts
- 24 - ½" Washers
- 24 - ½-13 Hex nuts

1. Raise the camper using a floor jack **UNDER THE REAR AXLE BEAM AT THE CENTER** so that the wheels are off the ground. Support the camper adequately using the jack stands.
2. Remove the tires and wheels.
3. Disconnect the main brake harness from the axle brakes.
4. Remove the bolts holding the axles to the axle mounting plate. Be sure to support the axle so that the axle mounting plates are not bent.
5. Position the curbside axle plate that was received with the lifter kit on the inside of the existing axle plate attached to the frame. Align the upper holes of the new plate to line up with the lower holes of the existing plate. (See diagram)
6. Position the spacer under the frame tube and align it with the holes in the existing axle plate and the additional axle plate. (See diagram)
7. Bolt the spacer and additional axle plate to the existing axle plate using 2 of the ½-13 x 1-1/4" bolts provided. Square up the new plate with the existing plate and push the spacer tight against the bottom of the frame and tighten bolts.
8. Repeat steps 5 through 8 on the remaining 3 axle plates.
9. Lift the axles into place and bolt them to the new axle plate as they were removed from the existing axle plate. In addition bolt the spacer to the axle plate bracket using 2 of the ½-13 x 1-1/4" bolts.
10. Recheck all bolts to be sure that the washers are in place and all bolts are tighten to 40 foot pounds of torque, and check every 500 miles after reinstall.
11. Reconnect the electric brakes. Be sure that there is sufficient length for the electrical connection so that if the unit is in full axle suspension that the wires are not pulled tight. Also be sure that if the axle suspension is in full compression that the wires are not pinched or pulled.
12. Replace the tires and wheels and tighten the lugs to the axle manufacturer's specification. It is always good practice to check the lugs every day of your trip.