

**"DOCUMENT UNCONTROLLED IF PRINTED"**

| DOC #        | PROCESS NAME                    | PAGE   | REVISION | STATION | BY     | DATE      |
|--------------|---------------------------------|--------|----------|---------|--------|-----------|
| <b>AR844</b> | Lower Shock Bracket Replacement | 1 OF 2 | A        | SER-E   | C.WARD | 8/25/2017 |

Read process before beginning. If you do not understand any part please contact: Chris Ward, VP of Parts and Warranty at 1-866-953-5555 or by E-mail @ cward@ARBOCSV.com.

Good Mechanics safety practice must be followed on any repairs.

Safety practices should include but not be limited to properly supporting the chassis, axles, blocking tires, and a work area free of clutter.

**Complaint:** Restricted Shock Compression with new Upper Shock Mount Location (AR839)

**Cause:** New location of upper shock bracket completed in AR839 (if completed previously)

**Correction:** Remove both existing lower shock brackets and replace

**Pre-Requisite:** AR839

**Vehicles Affected:** All Spirit of Mobility (SOM) Units with Reyco Granning Rear Suspension

**Labor Operation Code:** 0116802

**ARBOC Work Orders Provided for Affected Units**

**Labor Time Allowance:** 1 hours per unit

**Parts Returned:** No

**Tools Required**

**Parts Required**

Qty 2 1310637 Bracket, Lower Shock Mount Reyco Retrofit  
NAPA Rubberized Undercoating (not supplied)

**Repair Instructions:**

Step 1: Pull unit onto hoist, chock front tires to prevent bus from rolling forward or backwards.

Step 2: Disconnect positive (red lead) battery cable from the chassis and auxiliary battery.

Step 3: Raise unit to a comfortable working height.

Step 4: Remove Fasteners from Lower Shocks to swing components out of way

Step 5: Unbolt/Remove Sway Bar Bracket from both sides of vehicle (keep for reinstallation)



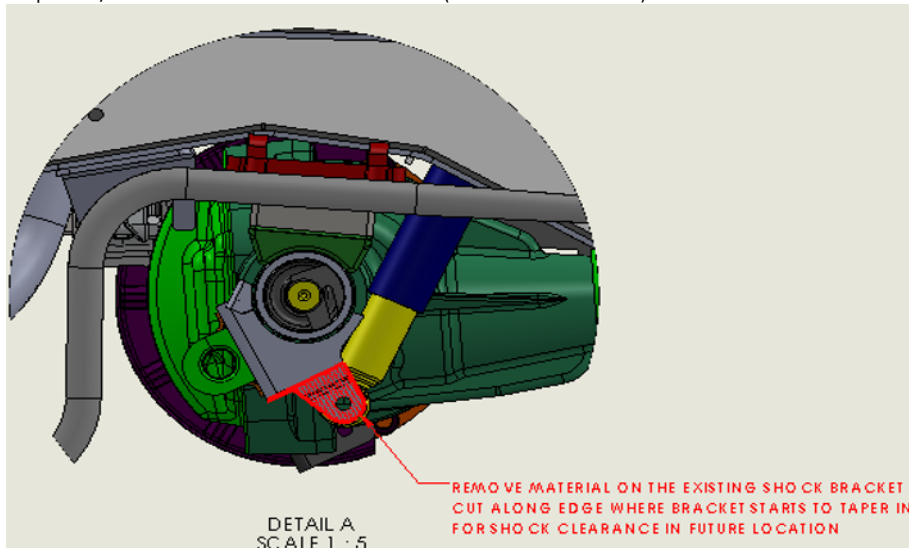
Step 6: Remove/Discard Lower Shock Mount



"DOCUMENT UNCONTROLLED IF PRINTED"

| DOC #        | PROCESS NAME        | PAGE   | REVISION | STATION | BY     | DATE      |
|--------------|---------------------|--------|----------|---------|--------|-----------|
| <b>AR844</b> | Lower Shock Bracket | 2 OF 2 | A        | SER-E   | C.WARD | 8/25/2017 |

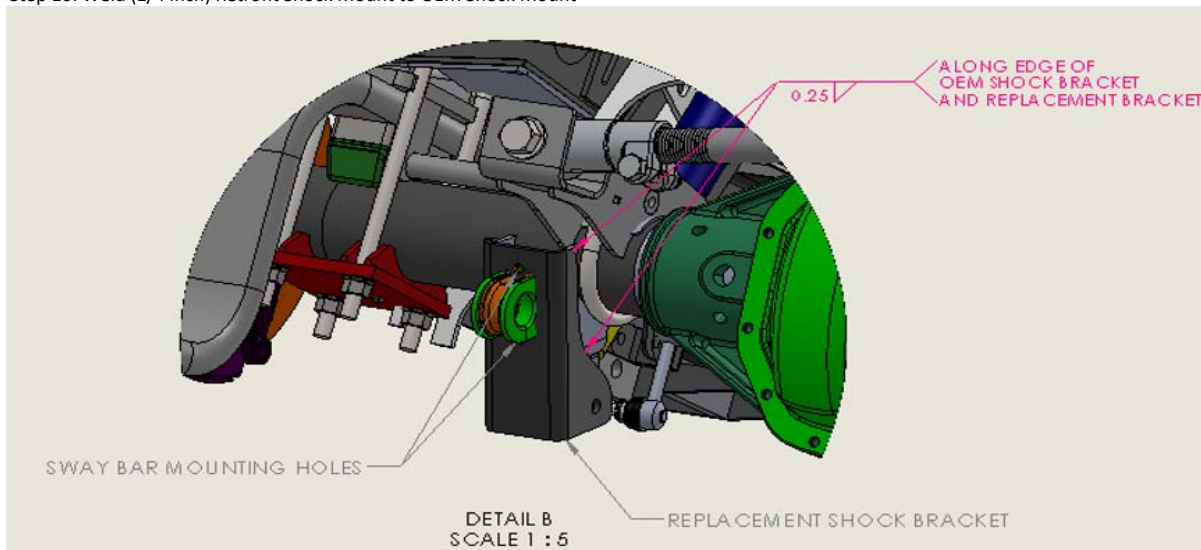
Step 7: Cut/Remove steel material from OEM Shock (red shaded area below)



Step 8: Install Retrofit Shock Bracket (1310637) between the OEM Bracket and Sway Bar Brackets using Sway Bar Mounting Bolts removed previously (60 FT-LBS)

Step 9: Swing Shock back into place and re-install fasteners for Lower Shocks (Torque = 140-150 FT-LBS)

Step 10: Weld (1/4 inch) Retrofit Shock Mount to OEM Shock Mount



Step 9: Using a high quality Rubberized Undercoat, paint repaired area. NAPA Rubberized Undercoating or Mac's 8400 Rubberized undercoat (not supplied).

Step 11: Lower unit and connect positive (red lead) battery cable to the chassis and auxilliary battery.

Step 12: Remove from hoist