

9b) For C-channel inboard or I-beam type frames: For these particular frame types as noted in the frame selection portion, the additional kit RB-513, will be required to support the shock absorber upper mounting. After the 1/2" hole is drilled, locate the bracket from RB-513 so the 1/2" hole between this bracket and the hole in frame are in alignment. Then drill the additional 3/8" holes. Secure this bracket to the frame using the supplied bolts and self locking nuts. Torque to 35 ft-lbs.

#### **Shock Absorber Installation:**

10) Re-measure the distance between the centerline and centerline of the shock mountings, which is full extended or wheel hanging dimension. The shock absorber selected should be at the upper end of the requirement dimension. (Example: measurement of 12-7/8", use the shock 555003 which has an operation dimension of 11-3/8" to 13-1/4".)

11) Install the mounting parts and shock absorber on the lower mount. Install parts in the following order: sleeve, shock absorber, retainer (washer) and self locking nut. These components are in parts package P-1240. Do not tighten the nut at this time.

12a) Position the shock absorber at the top mount and review alignment with the lower mount. This can be a visual inspection, as the shock upon completion should be fairly parallel with the frame. Refer to the illustration.

12b) For Rectangular Tube and C-channel Inboard or I-beam type (with RB513) frames: Install the 1/2-13UNC x 5-1/2" long bolt through the large plated washer then through the frame from the outside. On the inside of the frame (or against RB-513 bracket), place another large plated washer, the 5/8" thick spacer, sleeve, shock absorber, retainer (washer) and self locking nut. Again, these components are in parts package P-1240. Prior to tightening down nut, check alignment as shock absorber should be fairly parallel with frame. If required, use the additional retainers (washers) to gain alignment or clearance. Do not use more than needed to assist in alignment or clearance. Once the correct alignment is achieved, tighten the upper and lower shock mounting nuts to 35 ft-lbs. Again, check for clearance.

12c) For C-channel Outboard type frames: Basic installation similar to above except for the upper mounting bolt. Use the parts package P-1221 supplied with the shock absorber for the upper mounting. Place this pan head bolt through the shock mounting, then install the 3/8" spacer supplied with this parts package and place through frame hole. Check for shock absorber alignment. If required, use the additional retainers (washers) or change to the thicker 5/8" spacer supplied with the retrofit kit to gain alignment or clearance. Do not use more than needed to assist in alignment or clearance. Install the lockwasher and nut on the outside of the frame. Once the correct alignment achieved, tighten the upper and lower shock mounting nuts to 35 ft-lbs. Again, check for clearance.

#### **Installation Completion:**

13) If wiring, propane lines or sewage lines need to be relocated, be sure that this is completed. All items must be properly attached again to eliminate any movement.

14) Reinstall the wheels and tighten lug nuts (bolts) to 70-75 ft-lbs. —