

# C-40 QUICK QOOSE

**Warning!!** Brake, Fuel and Electrical lines may need to be loosened or repostioned to provide clearance for new hardware.

### (Notes:)

The heat shields located above the rear axle and gas tank **must** be cut out or removed to install the Quick Goose. To ease installation on four wheel drive Dodge applications the fender liners can be removed and replaced when the process is complete.

### **Installing Quick Goose**

- 1) Position the Quick Goose over the rear axle and up to the rear cross arm with the cylinder facing the front of vehicle. Place the four 5/8" x 1 3/4" carriage bolts into the Quick Goose first, then through the cross arm placing the 5/8" flange nut on the bolts finger tight. See figure 1
- 2) Move the front cross arm to the Quick Goose and place the 5/8" x1 3/4" carriage bolts into the cross arm and then through the Quick Goose. Use the 5/8" flange nut to secure in place.
- 3) Torque all the 5/8" hardware to 150LBS.

### **Installing Ball**

1) From the inside of pick-up bed place the chrome ball down into the cylinder. Place the chrome ring over the ball and screw the six 3mm allen head screws into the ring and cylinder.

### **Installing Handles**

A notch must be cut in the fender wall between the bed supports to provide operating clearance for the Quick Goose rods. Replace fender liner if previously removed and cut away the section in front of the notch.

- 1) Insert the ball choker in the cylinder slot. See figure 2
- 2) Place the red handle through the fender wall notch and into the left side rod guides in the Quick Goose, Pushing it about 3/4 of the way to the cylinder. Use the spring provided and place it between the rod guide and the ball choker slowly slide the handle through the spring to stablize it. Push the handle into choker and secure with 31/32" clevis and bowtie pin . Apply the ball locked label on rod near a reference point in the fender well.
- 3) Place the black handle through the fender wall notch and into the rightt rod guides pushing it all the way foward. Pull the pre-assembled linkage lever to the handle and place the 1/4" clevis pin into the holes of the handle and linkage lever. Use the bridge pin to secure in place.

#### Installing U-Bolts

- 1) From inside the truck box place the two u-bolts through the pre-drilled holes in the bed of truck.
- 2) From under the vehicle place flatwashers, springs, and 5/8" jam nuts oneach u-bolt.

#### Caution!!!

- 1) Check that all 5/8" hardware has been torqued to 150LBS
- 2) Check that all hardware has been properly torqued. Some hardware listed may not apply to your application.

3/8" to 30LBS

1/2" to 75LBS

5/8" to 150LBS

3/4" to 250LBS

1" to 250LBS

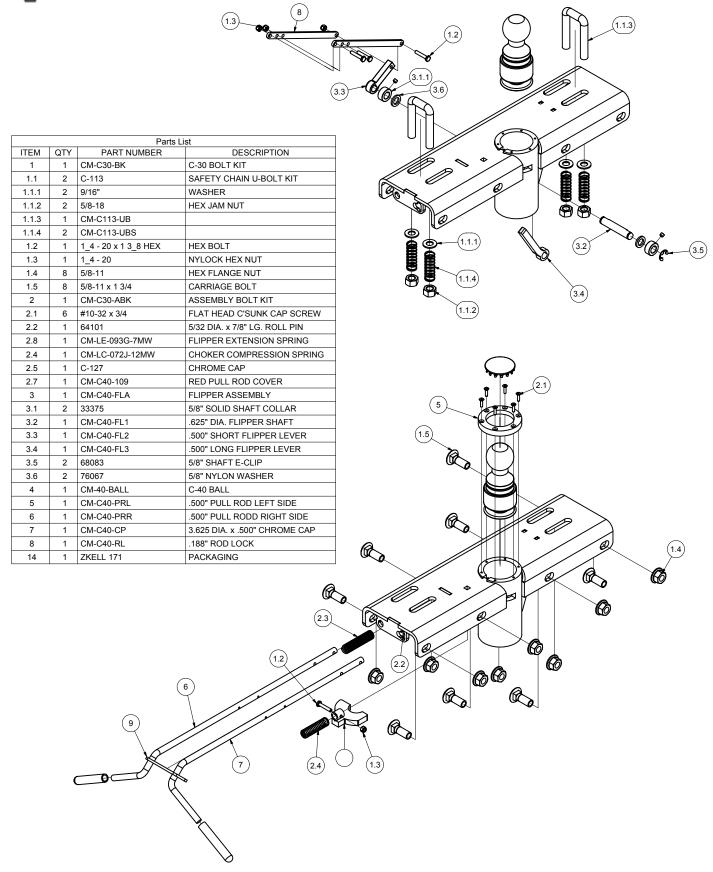
- 3) Check that all clevis and Bowtie pins are secure.
- 4) Attach any Brake, Fuel and Electrical wires so they do not contact any of the added fasteners.

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# C-40 QUICK GOOSE OWNERS MANUAL

### C-40 OPERATION

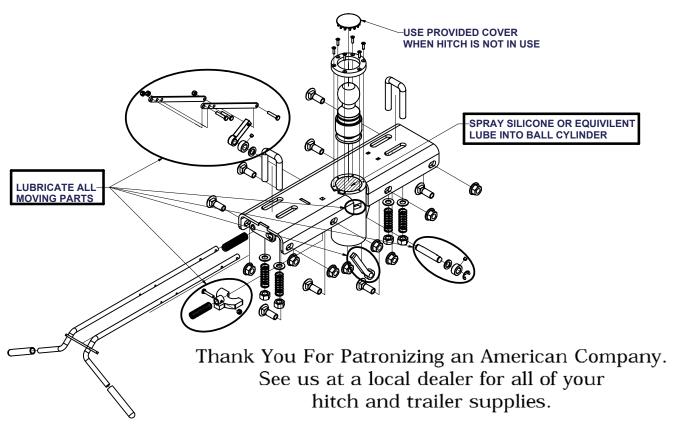
- 1. To raise ball into towing positon, pull the red(right side) handle. (Be sure ball locked label on rod is at designated reference point)
- 2. Release the handle to lock the ball. (The ball is properly engaged when the inspection groove is visible above chrome ring)
- 3. To lower ball when not in use, pull the red handle and then the black handle. When the ball is completely down release the red handle to lock the ball down.

### C-40 INSTALLATION CHECK

Raise the hitch ball into the up position with the locking plate engaged. Connect the trailer to the hitch ball. Check clearance. You should have about 6" clearance between bottom of the trailer overhang and top of the bed sides. Verify clearance between lower front of trailer and corner of bed or bumper and between the upper front corner of the trailer and rear of cab.

### Maintenance

- 1. Keep hitch ball lubricated. Use silicone or equivelent spray to prevent wear and rust in cylinder.
- 2. Lubricate all moving parts once a month.
- 3. Keep hitch assembly free of dirt and other foreign matter. (Use cover provided when not in use)
- 4. Check tightness on ALL fasteners before each use.
- 5. Inspect ball and all moving parts for wear before each use. **Do not tow trailer with worn or damaged parts.**





#### PERIODICALLY CHECK THIS HITCH TO INSURE THAT ALL FASTNERS ARE TIGHT AND THAT ALL STRUCTURAL COMPONENTS ARE SOUND.

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