

INSTALLATION INSTRUCTIONS FOR LAD20UT4

GENERAL NOTE: - ALL SHARP EDGES TO BE DEBURRED.

Upon receiving the lift assist kit (spring, eyebolts, bushings, round tube, fasteners) inspect to make sure it has not been damaged in shipment and that all items listed in drawing BOM are present and accounted for (see drawing LAD20UT4).

1. Remove existing hinge pin assembly (see Fig. 1).
2. Apply a small amount of lube (grease, machine oil, etc..) onto 3/4" hex bolt threading. Secure both bushings, 1" round tube and the dual torsion spring with a 3/4" hex bolt, 3/4" flat washers and a 3/4" top lock nut (see Fig. 2).

NOTE: Top lock nut has three indentations on one of its flat sides. The three indentations (see Fig.4) should always face away from the bolt.

Fig. 1

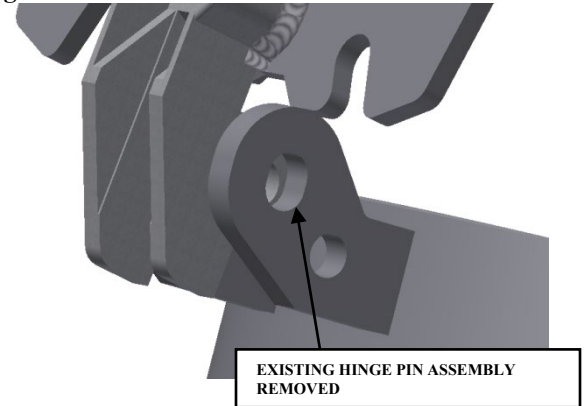
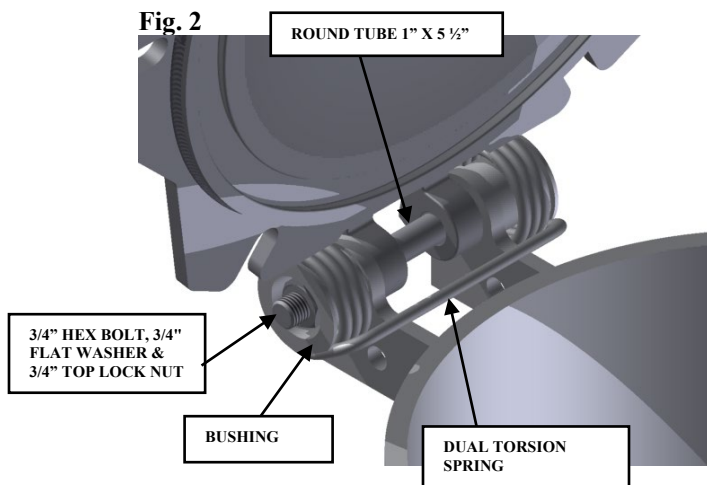


Fig. 2



3. Position the 3/8" eyebolts and angle brackets as shown in Fig. 3 and weld the angle brackets to cover. Cover should be in vertical, open position.
4. Secure eyebolts to angle brackets with 3/8" top lock nuts with indented flat side facing away from eyebolts. Make sure to apply a small amount of lube (grease, machine oil, etc..) onto eyebolt threading prior to top lock nut application.

Fig. 3

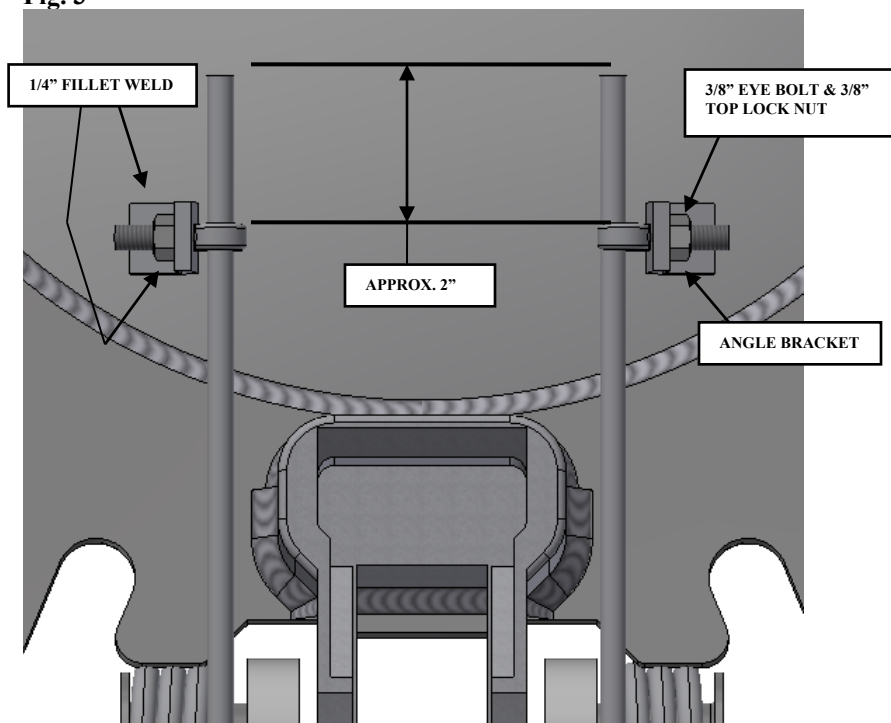
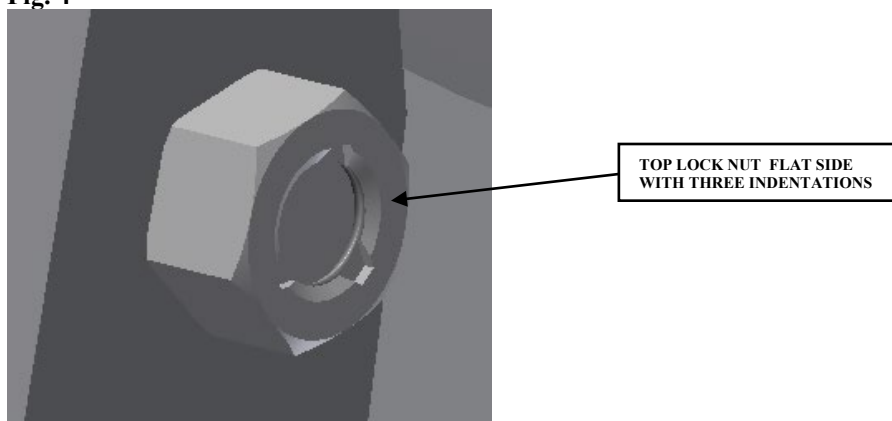


Fig. 4



WARNING: TO DISARM THE LIFT ASSIST SPRING, UNFASTEN AND REMOVE BOTH EYEBOLTS FROM THE MANWAY COVER WHILE KEEPING THE COVER IN VERTICAL, OPEN POSITION.