U-TROUGH DRIVE ASSEMBLY
(Dodge Reducer)

NOTE: See back of sheet for drawing.

1. Attach side plates (2,3) to head plate (1) using four 1/2" x 1" bolts with lock washers and nuts.

2. Spin a 3/4" nut on the threaded rod of each strap and rod assembly (5). Insert threaded rods through holes in side plates (2,3) and add four more 3/4" nuts. Leave nuts finger tight until later.

3. Place shaft (6) in strap and rod assemblies (5) and secure with top straps (4) using eight 3/8" x 1 1/2" bolts with two flat washers and one nut on each bolt.

4. Clamp belt guard mounting angle (10) to shaft ends (6) with clamp bar (9) and four 5/16" x 1 3/4" bolts with nuts.

5. Install drive pulley and taper lock bushing to reducer shaft.

6. Position motor mount straps (7) and clips (8) and secure to shafts (6) using four 3/8" x 3" carriage bolts with nuts. Leave finger tight.

7. Mount motor on straps and clips, then install pulley with taper lock bushing. Align pulleys. Tighten carriage bolts in straps and clips.

8. Install belts and set belt tension by adjusting height of motor using 3/4" nuts on rods (5). **DO NOT over tighten driving belts or result will be excessive vibration and flight shaft breakage at the bearing.**

9. Attach belt guard (11) by bolting belt guard clamp bar (12) to mounting angle (10) using two 1/4" x 4" bolts with nuts.

**IMPORTANT:** Reducers are shipped **WITHOUT OIL.** Add oil before operating.