

NOTE: Order parts by Catalog Number only. DO NOT order by Reference Number.

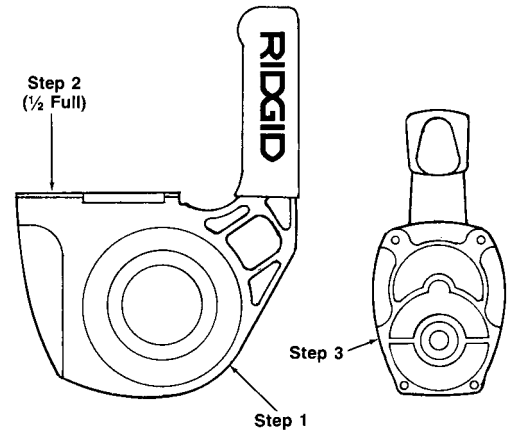
Ref. No.	Catalog No.	Description
1	34402	Cap (2)
2	34437	O-Ring, 2 ¹ / ₂ " x 2 ⁵ / ₈ " x 1 ¹ / ₁₆ " Buna N
3	34412	Screw (2)
4	34417	Gear Housing
5	34422	O-Ring, 4 ¹ / ₂ " x 4 ⁵ / ₈ " x 1 ¹ / ₁₆ " Buna N
6	38830	Spring Ring
7	34427	Worm Gear
8†	34432	Ring Bearing
9	34407	O-Ring, 4" x 4 ¹ / ₈ " x 1 ¹ / ₁₆ " Buna N
10	34442	Spiral Ring
11†	34447	Retaining Ring
12	34452	Helical Gear
13	34457	Retaining Ring
14	34462	Thrust Bearing
15	34467	Needle Bearing
16	34472	Key
17	34477	Worm
18†	34482	Needle Bearing
19	34487	Hand Grip
20	77710	Hex Nut
21	34497	Support Arm Assembly
22	34502	Arm
23	34507	Screw Assembly
	34522	Worm Gear Lubricant (2 oz.)
	20826	Carrying Case w/Insert
	34527	Insert (only)

Service Notes

Gear Head Assembly

Proper Oil Fill Procedure: Capacity 2 ozs.

- Step 1: Wipe Gear Cavity with oil and assemble Gear Head.
- Step 2: Fill Worm Cavity 1/2 full of oil - install Worm.
- Step 3: Pour remaining oil in Helical Gear Cavity - install Helical Gear.
- Step 4: Install new Gasket and attach motor Assembly with Gear Head upright.



†Ref. No. 18

Hex Nut has been inserted behind Needle Bearing (Ref. No. 18) in the Gear Housing Assembly (Ref. No. 4). To replace Needle Bearing, thread 6 mm or 1/4 - 20 rod into nut and pull Bearing.

†Ref. No. 8

Chamfered edge of Ring Bearing must be installed (down) into Worm Gear.

†Ref. No. 11

Chamfered edge of Retaining Ring must be installed facing Gear.