



WORLDWIDE ELECTRIC CORPORATION

GEAR REDUCER DIVISION

HOW TO CHANGE DIRECTION OF REDUCERS



You must drain the oil before you begin.

1. Remove The ODE Output Shaft Cover (Part # 7) and The DE Output Shaft Cover (Part # 10).

NOTE: Although They Are The Same Size, The Bearings For The ODE and DE and The DE Seal (Part # 24) Are Suppose To Go With The Covers. In Most Cases, They Stay In The Cover When You Remove The Covers. If Not, They Should Stay On The Shaft Which Is To Be Turned Around Also.

2. Put The ODE Output Shaft Cover (Part # 7) Where The DE Output Shaft Cover (Part # 10) Was And Tighten It Up. When Installing The ODE Output Shaft Cover (Part # 7), The Original Gasket (Part # 11) Is To Be Used If There Is No Damage. If The Gasket Is Damaged, Use A New One.
3. Turn The Output Shaft (Part # 21) Around. The Following Parts Are Part Of The Worm Shaft Assembly and Are Should Be Turned Around With The Shaft.

Shaft Sleeve (Part # 19) – 1 At Each End

Key (Part # 20)

Key At Output End (Part # 22)

Worm Wheel (Part # 23)

4. Install The DE Output Shaft Cover (Part # 10) Where The ODE Output Shaft Cover (Part # 7) Was and Tighten It Up.
5. Check By Pulling The Shaft With Hand To See If There Is Any Axial Movement. You Should Not Feel Any Axial Movement.
6. Replace the gear oil with the correct amount for the desired mounting position.



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NO.	Parts
1	Intl. hex. screw
2	Spring washer
3	Flange
4	Oil seal
5	Gasket
6	Worm shaft
7	Output shaft cover
8	Hex. bolt
9	Spring washer
10	Output shaft cover
11	Gasket
12	Bearing
13	Oil plug
14	Frame
15	Snap ring
16	Bearing
17	Snap ring
18	Seal cover
19	Shaft sleeve
20	Key
21	Output shaft
22	Key
23	Worm wheel
24	Oil seal

