

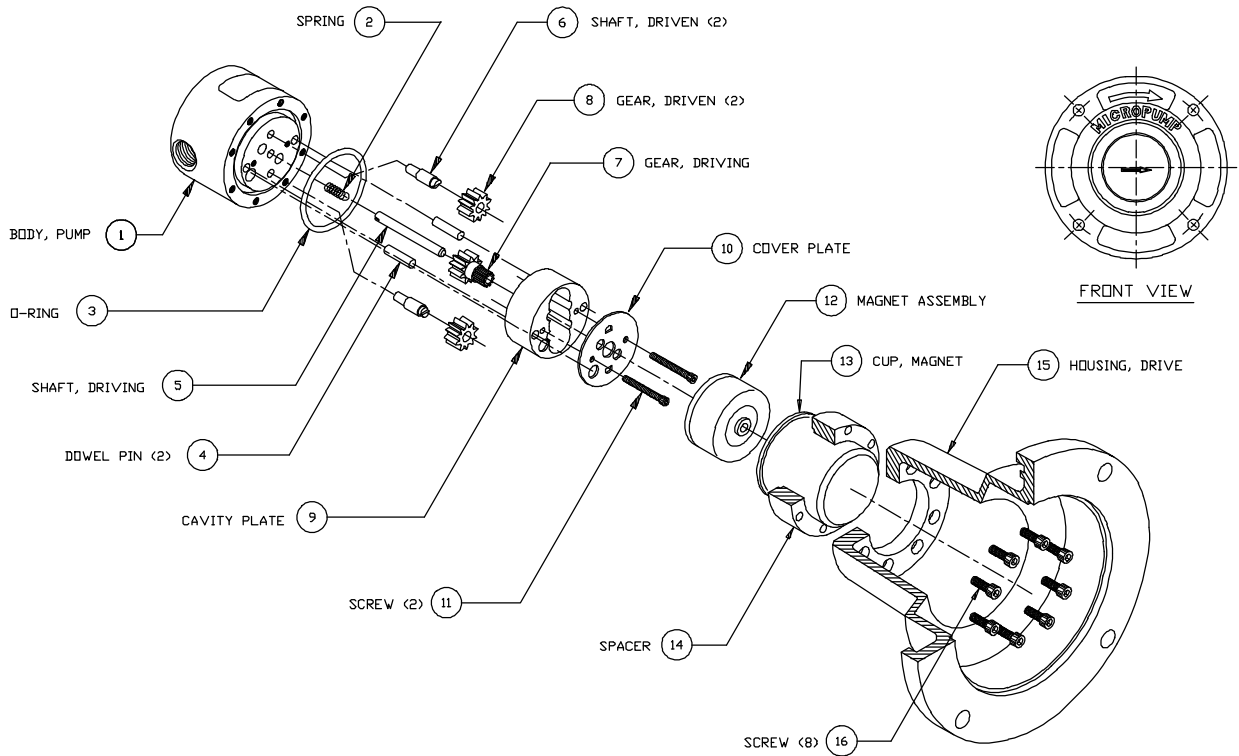


PART NUMBER:	7165
--------------	------

SERVICE INSTRUCTIONS
----------------------

REVISION			
LTR.	DESCRIPTION	DATE	BY
E	REVISED PER ECN-4704	3 MAR99	JAM

For O/C 223/56C



**GENERAL:**

1. All service work should be performed in a clean room.
2. Care should be taken to avoid scratching any sealing surfaces or allowing metal chips to come in contact with the Driven Magnet assembly.
3. An even, light coat of high vacuum silicon grease (Dow Corning or equivalent) should be applied to all seals or O-Rings.
4. Seals with chamfer should always be installed with the chamfer up, away from the groove.
5. All assembly screws should be tightened evenly and in an alternating pattern.
6. Only Micropump factory authorized replacement parts should be used when servicing Micropump products.

**SPECIFIC:**

1. Engage Spring (2) half loop in Driving Gear Shaft (5) slot and rotate Spring/Shaft assembly clockwise while pressing into Pump Body (1) as shown. Firmly seat Spring/Shaft assembly into hole. Install gears as shown.
2. Orient Gear Shafts (6) to allow the step to engage properly with "D" shaped hole in Cover Plate (10).
3. Torque assembly Screws (16) to 40 in/lbs.

MICROPUMP, INC.  
 A Unit of IDEX Corporation  
 PO Box 8975, Vancouver, WA 98668-8975, Phone: (360)253-2008 • Fax: (800)253-8294

MICROPUMP LIMITED  
 A Subsidiary of Micropump, Inc.  
 Forge Close, Eaton Socon, St. Neots, Cambridgeshire, PE 19 3TP England, Phone (44) (0) 1480-219844, Fax (44) (0) 1480-476959

