

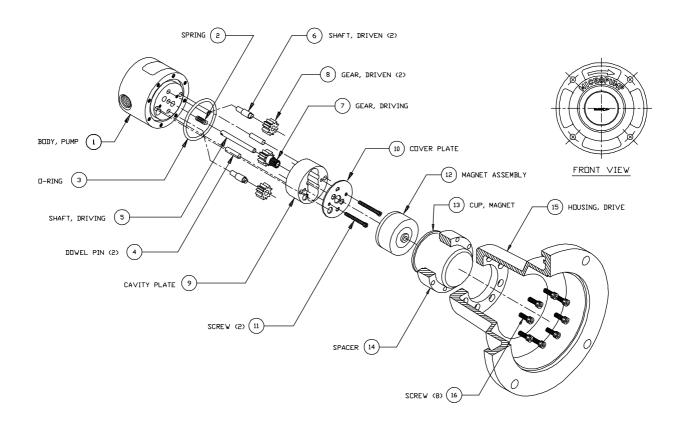


PART NUMBER:	7165
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REVISION					
LTR.	DESCRIPTION	DATE	BY		
Е	REVISED PER ECN-4704	3 MAR99	JAM		

## SERVICE INSTRUCTIONS

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

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# **SPARE PARTS LIST**

FOR GEAR PUMP MODEL 223/56C

PART NO. 83368

ITEM	PART	DESCRIPTION	UNITS PER
NO.	NO.		ASSEMBLY
1	6863	BODY, PUMP	1
2	6066	* SPRING	1
3	7662	* O-RING	1
4	6859	DOWEL PINS	2
5	5724	* SHAFT, DRIVING	1
6	6860	* SHAFT, DRIVEN	2
7	5732	* GEAR, DRIVING	1
8	5731	* GEAR, DRIVEN	2
9	7728	CAVITY PLATE	1
10	6861	COVER PLATE	1
11	4225	SCREW, 4-40 X 1.125	2
12	81355	MAGNET ASSEMBLY	1
13	5726	CUP, MAGNET	1
14	5729	SPACER	1
15	5705	HOUSING, DRIVE - 56C	1
16	5769	SCREW, 8-32 X 1.125	8
	83300	SERVICE KIT	
		* PARTS AVAILABLE IN SERVICE KIT	

Prices subject to change without notice.

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