

023 WIND DIRECTION SENSOR

SERVICE MAINTENANCE, REPAIR, SPARE PARTS

Met One Instruments, Inc.; 1600 NW Washington Blvd.; Grants Pass, OR. 97526
Ph. 541-471-7111; Fax 541-471-7116; E-mail: service@metone.com

REPAIR AND FIELD MAINTENANCE

A complete repair and service department is maintained at our factory in Grants Pass, Oregon, and at our regional service facility in Dallas, Texas. Most repairs can be made in the field by a simple substitution of components. Some repairs do require recalibration following the replacement of faulty components. If calibration standards are not available, the instrument can be returned to our service facility. The turn around time is generally less than five (5) working days.

RETURN AUTHORIZATION

Prior to any product return, please contact the factory for a return authorization number.

BASIC SERVICE(S)

ORDER #	DESCRIPTION
SVC0023	023 WD SENSOR STD. REPAIR Replace Bearings and Spacers Check POT Torque, NIST Calibration Check Starting Threshold and Voltage output.
SVC0100	"AS FOUND" SENSOR TEST, BENCH

REPLACEABLE PARTS

Note: Replacement of some of the following parts will require re-calibration of the sensor. Those replacement items that require re-calibration of the sensor are indicated with an "*" *. Instructions are provided in the Product User's Manual.

Ref#	PART #	DESCRIPTION
1*	1910	VANE ASSEMBLY (023)
3	1914	COUNTERWEIGHT
4	1915	COUNTERWEIGHT SUPT.
5	1912	VANE
6	1913	VANE ARM
7*	1911	TOP WD ASSEMBLY
8	601330	SCREW, 4-40 X 3/8, F.H., PHIL., SST
9, 11	601680	SCREW, SET AHCP. 8-32 X 3/8 SS
10	601180	4-40 X 1/2 82 FHD
12	860015	SHOULDER SPACER SCREW
13	601850	SCREW, SOC. HD CAP 10-32 X 5/8
14*	1923	SHAFT
15*	1685-7	COLLAR
16*	860250	SPACER
17*	1898	BEARING
18*	1685-4	BEARING MOUNT
19*	1899-20	COUPLER
20*	1656	POTENTIOMETER ASSEMBLY
21	960085	SHRINK TUBING 1" BLACK
22	960040	TUBING, TEFLON 1" SHRINK
23	1789	LABEL CAUTION
24	601250	SET SCREW

25	601070	SCREW, PH 2-56 X 1/8
26	601230	SCREW
27	601625	SCREW, SET, AH CP 8-32 X 1/4 SS

****CONSULT FACTORY FOR CABLE PRICING**

ASSEMBLY/PARTS REFERENCE DRAWING

