

# Service Report

## 102139 Wind Direction Sensor

Climatronics Corporation  
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Bohemia, NY  
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## Parts & Service Description

### REPAIR AND FIELD MAINTENANCE

A complete repair and service department is maintained at our factory in Bohemia New York. Our factory trained technicians provide professional service using only OEM specified parts and certified alignment equipment.

For those who wish to perform their own maintenance, a comprehensive list of maintenance parts follows the repair menu. Our manuals provide complete maintenance instructions.

### RETURN AUTHORIZATION

Prior to any product return, please contact the factory at (631)-567-7300 or e-mail [service@Climatronics.com](mailto:service@Climatronics.com) for a return authorization number (RA).

### BASIC SERVICE(S)

| <i>Ordering No.</i>               | <i>Description</i>  | <i>List Price</i> |
|-----------------------------------|---|-------------------|
| 102139SVC-1                       | 102139 WD Sensor Preventive Maintenance, Bench Test & Alignment. Includes bearings & wear items as required.  | \$ 90.00          |
| 102139SVC-2                       | 102139 WD. Includes SVC-1, Plus replace circuit board, bench test & alignment.  | \$295.00          |
| 600027                            | Wind Direction Alignment Calibration (12 Points) With Certificate. Traceable to NIST. As Found or As Left. Double for both calibrations.                    | \$140.00          |
| 600027-1                          | Wind tunnel test. Dynamic tracking, threshold, static alignment (12 Points) & torque. Traceable to NIST. As Found or As Left. Double for both calibrations. | \$250.00          |
| Additional parts as listed below. |   |                   |

### REPLACEABLE/SPARE PARTS LIST

| <i>Part No./ Ordering No.</i> | <i>Description</i>                     | <i>List Price</i> |
|-------------------------------|--|-------------------|
| 500096                        | Bearings (one required)                | 12.00             |
| Q2-12                         | Retainer Ring                          | .50               |
| 101357                        | Wind Direction Cap                     | 35.00             |
| .126 X .039                   | Small Cap O-Ring                       | 3.00              |
| SS3-2                         | Large .010 Cap Spacer                  | .50               |
| SS1                           | Spacer Kit                             | 15.00             |
| 2-031                         | Cover Retaining O-Rings (Two Required) | 2.00              |
| 08-BHW-32LA/F741              | Resolver                               | 495.00            |
| SC8-5                         | Cap Set Screw (Two Required)           | 2.00              |
| SC8-17                        | Vane Set Screw (Two Required)          | 2.00              |
| SC10-4                        | Base Set Screw (Two Required)          | 2.00              |
| 102144                        | Resolver Circuit Board                 | 200.00            |
| 101907                        | Vane-Magnesium -Fast Response (Silver) | 160.00            |
| 101288                        | Vane-Magnesium -Heavy Duty (Black)     | 160.00            |