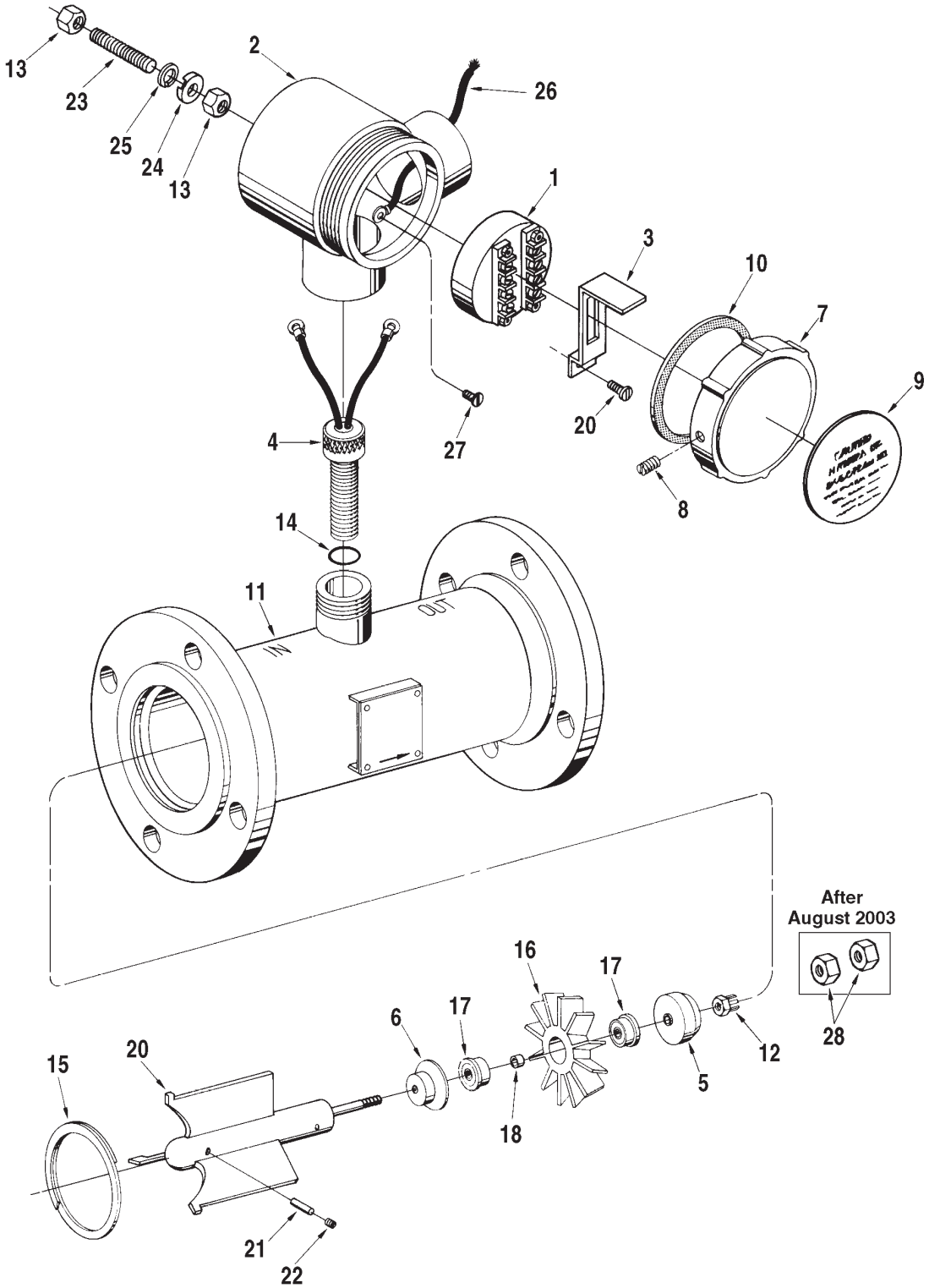
GUIDANT

# Meter, Turbine, 4 Inch, Guardsman™ LB Series

Bulletin PO02009 Issue/Rev. 0.0 (09/13)



| Item | | Description | Qty. | Part Number |
|---|---|---|---|---|
| 1 | + | Preamplifier: | | |
| | | PA-2, 12 Vdc, Dual Channel | # | 212012-101 |
| | | PA-4, 12 or 24 Vdc, Single Channel | # | 230662-101 |
| | | PA-6, 12 to 24 Vdc | # | 230663-101 |
| 2 | | Box, Conduit | # | 543256-200 |
| 3 | | Clip, Retaining | 1 | 543192-203 |
| 4 | + | Coil, Pickup: | | |
| | | -100°F to +225°F Temperature Range (Standard) | # | 644327-401 |
| | | -100°F to +400°F Temperature Range | # | 641512-401 |
| | | Mating Connector With Leads | 1 | 540244-101 |
| 5 | | Cone, Downstream | 1 | 544158-201 |
| 6 | | Cone, Upstream | 1 | 544157-201 |
| 7 | | Cover, Conduit Box: | | |
| | | UL/CSA Approvals | # | 543196-100 |
| | | BASEEFA - Manufactured in U.S.A. | # | 544057-101 |
| | | BASEEFA - Manufactured in Germany | # | 544057-102 |
| 8 | | Screw, Set, #6-32 x 1/4" | 2 | 643243-403 |
| 9 | | Label: | | |
| | | UL/CSA Approvals | 1 | 543195-200 |
| | | BASEEFA - Manufactured in U.S.A. | 1 | 544056-201 |
| | | BASEEFA - Manufactured in Germany | 1 | 544056-202 |
| 10 | | Gasket, Cover | # | 013403-200 |
| 11 | @1 | Housing | 1 | See Note 1 |
| 12 | @5 | Nut, Flex-Loc, #10-32, UNF-2B | 1 | See Note 5 |
| 13 | | Nut, Hex, 1/4"-20, UNC-2B (BASEEFA Version Only) | 2 | 060060-002 |
| 14 | | O-Ring | # | 641069-474 |
| 15 | + | Ring, Retainer | 1 | 644420-402 |
| 16 | @2 | Rotor Assembly: | | |
| | | Current Design, 430 Stainless Steel | 1 | 544663-191 |
| | | Previous Design, 430 Stainless Steel | 1 | 544663-193 |
| 17 | + | Bearing, Ball | 2 | 644532-405 |
| 18 | | Spacer, Inner Race | 1 | 543829-201 |
| 19 | | Screw, #10-32 x 1/4" | # | 009544-401 |
| 20 | @3 | Stator Assembly, Locking | 1 | 544167-102 |
| 21 | | Pin, Dowel, 1/8 x 3/8" | 1 | 644541-401 |
| 22 | @4 | Screw, Set, #10-32 | 1 | 645416-401 |
| 23 | | Stud (BASEEFA Version Only) | 1 | 550773-001 |
| 24 | | Washer, Inverted (BASEEFA Version Only) | 1 | 550770-001 |
| 25 | | Washer, 1/4" Lock (BASEEFA Version Only) | 1 | 006621-001 |
| 26 | | Wire, Ground, UL/CSA Version Only | 1 | 544058-101 |
| 27 | | Screw, #10-32 x 1/4", UL/CSA Version Only | 1 | 006110-002 |
| 28 | @6+ | Nut, Hex #10-32, UNF-2B | 2 | 640704-001 |

| Item | Description | Qty. | Part Number |
|---|---|---|---|
| | **Internal Parts Kit** | | |
| | 430 Stainless Steel Rotor..... | | 544169-101 |

\+ Recommended stock.

\# Order quantity required.

R Indicates revision since last issued.

@1 Note 1: Consult Parts Operation, providing the following information:

1. Housing Material.
2. Flange Material.
3. Flange Class (Pressure).
4. Number of Pickup Coil Bosses.
5. Flange Type.

@2 Note 2: Due to a change in the design of this meter in December of 1987, it is necessary to determine whether your meter is of current or previous design. Standard serial numbers up to and including 5216, and special serial numbers up to and including 200822 are considered previous design. Numbers higher than those are current design. These numbers can be found on the nameplate and on the stator.

@3 Note 3: Contact Parts Marketing Specialist at the Parts Operation if problems are encountered installing stator.

@4 Note 4: Apply a small amount of Loctite (Part No. 643917-401) to set screw before installing.

@5 Note 5: Replaced by Item #28, Part No. 640704-001.

@6 Note 6: Replacing Item #12, Part No. 644607-403.

# Technical Support

Contact Information:
**Field Service Response Center**
24/7 Technical Support/Schedule a Technician: 1-844-203-4014
System Installation Supervision, Start-Up, Training, and Commissioning Services Available

The specifications contained herein are subject to change without notice and any user of said specifications should verify from the manufacturer that the specifications are currently in effect. Otherwise, the manufacturer assumes no responsibility for the use of specifications which may have been changed and are no longer in effect.

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