

Balcrank®



NOTE: When replacing battery, press black "Battery Reset" button on circuit board prior to re-programming.

PROGRAMMING SWITCH

Located on underside of module. Must be depressed for 5 seconds and released to activate the programming procedure.

TOTAL BUTTON

- When depressed alone, it will display total GALLONS or LITERS used from inventory.
- When depressed in the programming mode, it will allow you to select any item to be changed.

RESET BUTTON

- When depressed momentarily, it will clear the display.
- When depressed in the programming mode, it will change any flashing object on the display.

TO CHANGE UNITS OF MEASURE

- Remove 3 screws holding electronic register module to meter body.
- Depress the PROGRAMMING switch on bottom of module for 5 seconds and release to activate the programming procedure. A unit of measure symbol will flash.
- Toggle RESET button until desired unit of measure symbol appears.
- Again depress the PROGRAMMING switch on bottom of module for 5 seconds and release to end the programming procedure. This operation will lock in the selected program and blank the display.

NOTE: Changing any unit of measure will reset the totalizer to zero.

TO RECALIBRATE

Example: Meter delivers 4.200 quarts.
 Display shows only 4.000 quarts dispensed.
 $4.2 \text{ (qty. delivered)} \div 4.0 \text{ (qty. displayed)} = 1.05 \text{ (error factor)}$

NOTE: Original meter correction factor is written on the top of meter housing when factory calibrated. It may have been revised after field installation. Use correction factor shown on display.

ELECTRONIC OVAL GEAR METER

Model: OG

Programming Instructions

- Display existing meter correction factor by depressing and holding both the TOTAL and RESET buttons.
 Example: 3.4621 {Make a note of this number}
- Calculate a new meter correction factor: 3.4621 (existing meter correction factor) X 1.05 (calculated error factor) = 3.6352 (new meter correction factor).
- Remove 3 screws holding register module to meter.
- Depress the PROGRAMMING switch on bottom of module for 5 seconds and release to activate the programming procedure.
- Display will show existing meter correction factor and programmed unit of measure symbol will be flashing.
- Toggle TOTAL button until left most correction factor digit that you wish to change begins to flash.
- Toggle RESET button until desired digit (3) appears.
- Toggle TOTAL button until the next digit you wish to change begins to flash.
- Toggle RESET button until desired digit (6) appears.
- Toggle TOTAL button until the next digit you wish to change begins to flash.
- Toggle RESET button until desired digit (3) appears.
- Toggle TOTAL button until the next digit you wish to change begins to flash.
- Toggle RESET button until desired digit (5) appears.
- Toggle TOTAL button until the next digit you wish to change begins to flash.
- Toggle RESET button until desired digit (2) appears.
- Again depress the PROGRAMMING switch for 5 seconds and release to end the programming procedure. This operation will lock in the selected program and blank the display. Reinstall the register to the lube meter.

NOTE: After programming, display will be blank. Depress RESET or TOTAL button to reactivate the display.

Balcrank Lubrication Equipment Warranty Statement

All Balcrank equipment sold by authorized Balcrank distributors is warranted to their original customer to be free from defects in materials and workmanship for a period of one year from the date of sale to that customer. Selected Balcrank equipment carries warranty terms for a more extended period as defined in the Balcrank Lubrication Equipment & Accessories User Price List, wherein a "lifetime" warranty represents a warranty period of thirty years. Within the initial one-year warranty period, Balcrank will repair or replace all Balcrank equipment determined by Balcrank to have defective materials or workmanship. For equipment carrying more extended warranties, Balcrank will repair or replace the product including parts and labor during the first full year and will provide parts only for the remainder of the warranty period.

This warranty applies only to equipment installed and operated according to applicable Balcrank Service Bulletins and Installation Instructions.

Any equipment claimed to be defective must be returned, freight prepaid, to an Authorized Balcrank Service Center (ASC). Upon receiving candidate warranty equipment from a customer, ASC will: 1) diagnose to determine the warrantable condition of the equipment, 2) submit, prior to repair or replacement, a request to Balcrank for warranty authorization, then 3) in cooperation with Balcrank, proceed with repair locally or forward the equipment to Balcrank and obtain replacement. If the part(s) or equipment items are found defective upon inspection by Balcrank, they will be repaired or replaced, and then will be returned to the ASC. If Balcrank finds the claimed part(s) or equipment not to be defective, the ASC will receive written authorization from the original customer, and then repair them for a reasonable charge to the customer, which will include all applicable parts, labor, and return transportation costs.

Optionally, the customer may submit certain eligible products directly to Balcrank for warranty return by using Balcrank Lubrication Equipment Direct Service Warranty Procedure. Eligible products are defined in the Balcrank Lubrication Equipment & Accessories User Price List. Refer to the Balcrank web site www.balcrank.com for a copy.

Any equipment returned to Balcrank must have the Warranty Service Claim number (WSC#) clearly marked on the outside of the carton. Balcrank's sole responsibility is for defects in material and workmanship, and Buyer's sole and exclusive remedy hereunder, shall be limited to repair or replacement of the defective part or equipment.

This warranty does not cover, nor shall Balcrank be liable for repair or replacement of parts or equipment resulting from general wear and tear through use, or damage or failure caused by improper installation, abuse, misapplication, abrasion, corrosion, insufficient or improper maintenance, negligence, accident, alteration, or substitution of non-Balcrank parts.

Furthermore, the Warranty for Lubrication Equipment and Accessories does not cover the following specific conditions:

- Failure or damage to equipment caused by dirt or debris in compressed air lines and fluid lines. This includes, but is not limited to, clogged inlet filters, strainers, or regulators; fluid meters; control handles; fluid tips; and valves.
- Failure of normal wear parts including but not limited to: o-rings, packings, seals and valves unless originally improperly installed by the factory.
- Products placed in applications for which their use was not intended. Examples include but are not limited to Lubricant pump being used to pump solvents, or placing equipment intended strictly for indoor use outdoors
- Damage to equipment resulting from operation above and beyond Balcrank's recommendations.
- Leaks at air and fluid fittings and connections.
- Damage caused by thermal expansion whenever adequate pressure relief was not included in the system.
- Loose suction tubes on pumps.
- Incorrect hose reel spring tension, requiring adjustment.

THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL BALCRANK BE LIABLE FOR ANY SPECIAL, CONSEQUENTIAL, OR OTHER DAMAGES OF SIMILAR NATURE, INCLUDING BUT NOT LIMITED TO LOST PROFITS, LOST PRODUCTION, PROPERTY DAMAGE, PERSONAL INJURY, WHETHER SUFFERED BY BUYER OR ANY THIRD PARTY, IRRESPECTIVE OF WHETHER CLAIMS OR ACTIONS, LEGAL OR EQUITABLE, FOR SUCH DAMAGES ARE BASED UPON CONTRACTS, WARRANTY, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE. ANY CLAIM OR ACTION FOR BREACH OF WARRANTY MUST BE BROUGHT WITHIN TWO (2) YEARS FROM THE DATE OF SALE TO THE ORIGINAL CUSTOMER.

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