



| REVISION HISTORY |                        |      |  |
|------------------|------------------------|------|--|
| REV              | ECO NO.<br>YYYY-MM-DD  | NAME | NOTES  |
| F0               | 2013-009<br>2013-09-18 | SGO  | Update 0CV02-0257-00 Check-Valve Body for extended internal thread (Was: Rev C, Is: Rev E0); Add .008 threaded orifice 00VEN-0021-00; Order BOM to reflect assembly sequence |
| G0               | 2015-006<br>2015-02-23 | SGO  | Change Item 2 O-ring: was 09001-1003-70 (Silicon), is 09001-3003-70 (EPDM)   |

**NOTES:**

- 1. Item 7 Check-valve Body (0CV02-0257-00) may also use Revision "D"
- [2]** DO NOT LUBE Item 2 O-ring
- [3]** Do not assemble Item 12 Gauge - customer will install in field
- 4. Items 2, 3, 4, 6, 9 included in Service Kit p/n KM100-1010-01

| REF | QTY | Part Number   | Rev | Description   |
|-----|-----|---------------|-----|---|
| 1   | 1   | 00MAN-0028-00 | A1  | Manifold, Fill-Station, SAE-4                               |
| 2   | 1   | 09001-3003-70 |     | O-ring, EPDM, 2-003, E70                                    |
| 3   | 1   | 0CV02-0201-00 | A   | Poppet, 0.25 Dia.   |
| 4   | 1   | 09007-0001-00 |     | Retaining Ring, 1/4" Internal, SS                           |
| 5   | 1   | 00HDW-0108-00 |     | SAE-4M x 1'8 OD Tube Compression, Brass                     |
| 6   | 1   | 09001-3904-70 |     | O-ring, EPDM, 3-904 (SAE-4), E70                            |
| 7   | 1   | 0CV02-0257-00 | E0  | Check-Valve Body, Poppet Style, AN800 (3/8-24, 37.5°) x ... |
| 8   | 1   | 00VEN-0021-00 |     | Threaded Orifice Insert, #8-32 x .190L x .008 Orifice       |
| 9   | 1   | 09150-0803-05 |     | Threaded Filter Insert, #8-32 x .190                        |
| 10  | 1   | 0CP01-0100-01 | -0  | Cap & Chain Assembly, AN-800-3                              |
| 11  | 1   | 09040-0003-00 |     | Spring Pin, Ø1/16" x 3/8"                                   |
| 12  | 1   | 00CPG-1010-00 |     | Pressure Gauge, Raw, MH-300                                 |

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:  
 0.X ±0.015      ANGLES ±3°  
 0.XX ±0.010      FRACTIONS ±1/64  
 0.XXX ±0.005

INTERPRET GD&T PER ASME 14.5

**MH MOUNTAIN HIGH E&S CO.**  
**REDMOND, OR. USA**

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|                        |                                   |   |                       |
|------------------------|-----------------------------------|---|-----------------------|
| THIRD ANGLE PROJECTION | DRAWN SGO<br>2015-02-06           | DWG TITLE<br><b>Assembly, Deluxe Refill Station</b> |                       |
| CHECKED                | ENGINEER                          | DWG NUMBER<br><b>00BLT-1020-00</b>                  | DWG REV.<br><b>G0</b> |
| APPROVED               | DWG FORMAT:<br>ESR-002 Rev H [14] | INV. PART NUMBER<br>00BLT-1020-00                   | PRODUCT NAME          |
| DO NOT SCALE DRAWING   | DWG SCALE                         | DWG SHEET<br>1 OF 1                                 | DWG SIZE<br>A         |

3 Insert #: 5IBLT-1020-00 4