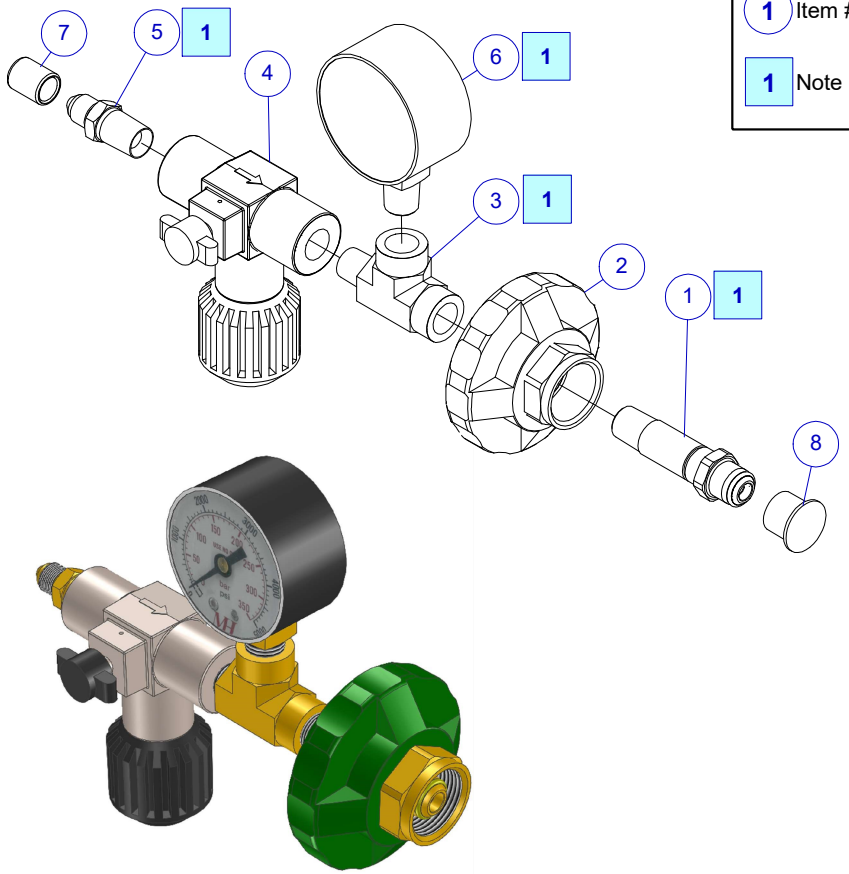

REVISION HISTORY

REV	ECO NO. YYYY-MM-DD	NAME	NOTES
-0	2017-035 2017-11-27	SGO	New Assembly Drawing for Transfiller Adapter subassembly
-1	2023-012 2023-03-14	JPA	Drawing and BOM update due to dust cap changes.

Assembly Notes:

[1] Apply Teflon tape to male NPT threads prior to assembly

2. Slip Nut (2) over Nipple (1); Install Nipple (1) into Tee (3) as shown and torque together as required for NPT connection

3. Install Tee (3) into Valve (4) as shown and torque together as required for NPT connection

4. Install Adapter (5) into Valve (4) and torque together as required for NPT connection

5. Install Gauge (6) into Tee (3) and torque together as required for NPT connection. Orient Gauge as shown (Gauge "face" visible as shown in view) as feasible.

6. Pressure-test assembly to 3000 PSIG

7. Affix Dust Caps (7,8); Bag Spare O-ring (9) ***[DO NOT LUBE]*** separately in 2-mil bag. If building for stock, bag completed assembly per ESR-008 in 4 mil bag together with spare O-ring and p/n tag and submit to inventory. If building concurrently with consuming assembly, item need only be marked and packaged as necessary to forward to next operation.

Item	Qty	Part Number	Rev	Description
1	1	00HDW-0370-01	C	CGA-540 Nipple x 1/4-18 MNPT, Modified, Brass
2	1	00HDW-0362-00		CGA-540 Nut, Hand-Tight, Green Plastic Handle
3	1	00HDW-0334-00		Street Tee, 1/4-18 MNPT x 1/4-18 FNPT, Brass
4	1	00HDW-0397-02		In-Line Transfer Valve w / Bleed, ¼-18 FNPT x ¼-18 FNPT
5	1	00HDW-0319-00		Adapter, 1/4-18 MNPT x JIC-4M, Brass
6	1	00CPG-1017-00		Pressure Gauge, 1/4-18 MNPT, 0-5000 psi
7	1	(Non-Inventory)		Dust Cap, 7/16 SAE-4
8	1	(Non-Inventory)		Dust Cap, 9/16" Plastic
9	1	09001-0011-90		[Spare] O-ring, Viton, 2-011, V90

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 63

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

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

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DRAWN	SGO 2017-11-07	DWG TITLE	Transfiller Subassy, JIC-4M Supply Adapter, CGA-540N, Hand-Tight Nut, Bleed Valve, Gauge		
CHECKED	2017-11-24 EAM	DWG NUMBER	00GSE-915-000	DWG REV.	-1
ENGINEER	PLM 2017-11-27	CAD FILE	00GSE-915-000$-1	INV. PART NUMBER	00GSE-0915-00
APPROVED	HBS 2017-11-27	DWG FORMAT:	ESR-002 Rev H [20]	DWG SCALE	
PROD. NAME		DWG SHEET	1 OF 1	DWG SIZE	A 11x8½

Insert #: 5IGSE-0915-00