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REV	ECO	Release	Drawn	REVISION HISTORY
I0	2018-023	2018-08-16	SGO	Product Insert Drawing

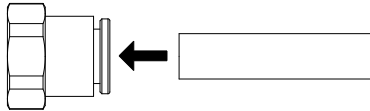
**DO NOT ATTEMPT TO REMOVE REGULATOR FROM CYLINDER WHILE UNDER PRESSURE!**

The regulator grip-nut will be difficult to turn while under pressure, and doing so will destroy the regulator inlet O-ring. Bleed-off pressure by closing the main cylinder valve and then disconnect the outlet tubing from the regulator.



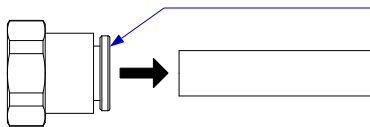
**TUBING CONNECTION**

**INSERTING**



Push in the tubing

**REMOVING**



1. Push in the connector collar
2. Pull the tube straight back while holding the collar in

**To INSERT TUBING:** push the tubing into the connector until resistance is felt, then push a little further, about 1/8 inch [3 mm]. Gently tug on the tubing to make sure it is captured.

**To REMOVE TUBING:** push the tubing in slightly, then push in the connector collar while pulling gently on the tubing.

When removing tubing, **DO NOT pull on the tubing without pushing in the collar**, as this will likely damage the connector.

**GENERAL SPECIFICATIONS**

Material:	UNS C36000 (CDA-360) Brass UNS A96061 (6061-T6) Aluminum
Weight:	3.3 oz [94 g]
Inlet Fitting:	CGA-540N
Outlet Fitting:	G-1/8 BSPP x 6mm Tube
Inlet Pressure Rating:	2400 PSI MAX
Regulated Outlet:	16 ± 2 PSI (Dynamic) (NOM 1 Bar) 20 ± 2 PSI (Static)
Average Flow Rate:	40 L/min
Temperature Range:	-50°F to +130°F [-45°C to +55°C]
Spare O-ring:	MH p/n 09001-0011-90 (CGA-540)
See also:	MH document 5SREG-1052-00

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

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DWG TITLE **EOS Regulator, CGA-540 x 6mm Tube, Axial [Insert]**

DWG NUMBER **5IREG-1052-00** DWG REV. **I0**

CAD FILE 00REG-1052-00\$IO INV. PART NUMBER 00REG-1052-00 PROD. NAME EOS-CGA-1P-A

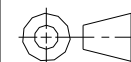
DWG FORMAT: ESR-002 Rev H [20] DWG SCALE DWG SHEET 1 OF 1 DWG SIZE A 11x8½

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

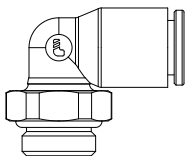
THIRD ANGLE PROJECTION DRAWN SGO 2018-08-09



DO NOT SCALE DRAWING

**Note:** Alternate outlet fitting provided.

- Replace installed fitting as preferred.
- Maintain cleanliness for oxygen service.
- Torque to 20 in-lbs.
- No Teflon tape required.



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Insert #: 5IREG-1052-00