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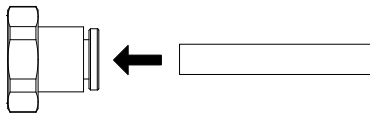
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**DO NOT ATTEMPT TO REMOVE REGULATOR FROM CYLINDER WHILE UNDER PRESSURE!**

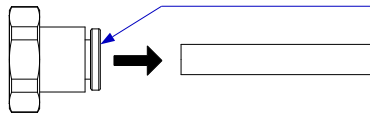
The regulator grip-nut will be difficult to turn while under pressure, and doing so will destroy the regulator inlet O-ring. Bleed-off pressure by closing the main cylinder valve and then disconnect the outlet tubing from the regulator.

**TUBING CONNECTION**



**INSERTING**

Push in the tubing



**REMOVING**

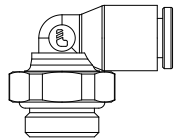
1. Push in the connector collar
2. Pull the tube straight back while holding the collar in

**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

**Note:** Alternate outlet fitting provided.



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

**Gauge-Port Options:**

- Replace Gauge with 1/8 MNPT Plug (MH p/n 00HDW-0390-00) or plumb-in Remote Gauge
- Install Fill-Port (MH p/n 00BLT-1008-00) or plumb-in Remote Fill-Port
- Plumb-in multiple cylinders (remote fill, remote gauge, etc.)

Contact MH Customer Service for help with your specific requirements

REV	ECO	Release	Drawn	REVISION HISTORY
-0	2018-040	2018-12-06	SGO	Product Insert Drawing



**GENERAL SPECIFICATIONS**

**Material:** UNS C36000 (CDA-360) Brass  
UNS A96061 (6061-T6) Aluminum

**Inlet Pressure Rating:** 3000 PSI MAX  
**Regulated Outlet:** 16 ± 2 PSI (Dynamic) (NOM 1 Bar)  
20 ± 2 PSI (Static)

**Average Flow Rate:** 40 L/min (AVG)  
**Temperature Range:** -50°F to +130°F [-45°C to +55°C]

**Inlet Fitting:** CGA-540N  
**Spare O-ring:** MH p/n 09001-0011-90 (CGA-540)

<b>1093-04:</b>	G-1/8 BSPP x 4mm Tube	<b>Weight</b>	5.8 oz [165 g]
<b>1093-06:</b>	G-1/8 BSPP x 6mm Tube		5.8 oz [165 g]

See also: MH document 5SREG-1093-xx

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:  
 0.X ±0.015  
 0.XX ±0.010  
 0.XXX ±0.005

ANGLES ± 3°  
 FRACTIONS ± 1/64

INTERPRET GD&T PER ASME 14.5

THIRD ANGLE PROJECTION	DRAWN SGO 2018-11-21
	CHECKED EAM 2018-12-04
	ENGINEER TD 2018-12-06
DO NOT SCALE DRAWING	APPROVED HBS 2018-12-06

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Regulator Assy, 2-Stage Axial, w/ Gauge, CGA-540N [Insert]			
DWG TITLE		DWG NUMBER	
5IREG-1093-xx		5IREG-1093-xx	
DWG REV. -0	CAD FILE 00REG-1093*1095-xx\$-0	INV. PART NUMBER 00REG-1093-04	PROD. XCR-CGA-2SA-1P-G-4mm NAME EOS-CGA-2SA-1P-G-6mm
DWG FORMAT: ESR-002 Rev H [20]	DWG SCALE	DWG SHEET 1 OF 1	DWG SIZE A 11x8 1/2

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Insert #: 5IREG-1093-xx