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.

### GENERAL SPECIFICATIONS

- **Material:** UNS C36000 (CDA-360) Brass
- **Weight:** 5 oz [144 g]
- **Inlet Fitting:** CGA-540N
- **Outlet Fitting:** G-1/8 BSPP x 4mm 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)
  - MH document 5SREG-1030-00

**MH Document 5SREG-1030-00**

MH Product Name: XCR Regulator, CGA-540 x 4mm Tube, Axial, w/ Gauge [Insert]

MH Vendor Part #: 5IREG-1030-00

MH SCD Number: 5IREG-1030-00

MH SPC #: 5IREG-1030-00

MH SRL #: MH-300

MH Qty: 1

MH Rev.: M0

MH Date: 2018-08-08

MH Scale: 11x8 1/2

MH Drawing: SGO 2018-08-08

MH Release: 2018-08-16

MH ECO: SGO

MH Engine.: B1

MH Third Angle: 4

MH CAD File: 00REG-1030-00

MH Cadrev: 00REG-1030-00

MH Check: 09030-0001-10

MH Drawn: 09030-0001-10

MH Spares: 09030-0001-10

MH Days: 0

MH Notes: XCR Regulator, CGA-540 x 4mm Tube, Axial, w/ Gauge [Insert]

MH Artist: D1

MH QC: C1

MH Quality: J1

MH W.T.: 0.05

MH PR: 00REG-1030-00

MH Spec.: 00VEN-0020-00

MH Reference: 00CPG-1010-00

MH Tolerance: ±0.005

MH Tolerance: ±0.010

MH Angle: ±3°

MH Material: UNS A96061 (6061-T6) Aluminum

MH Pressure: 20 ± 2 PSI (Static)

MH Temperature: -50°F to +130°F [-45°C to +55°C]