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Service Regulator



Model 310-206
p/n ARGX2-0101-01

GENERAL SPECIFICATIONS

Inlet Pressure Rating: 3000 PSI MAX
 Regulated Output: 16 ± 2 PSI (Dynamic) (NOM 1 Bar)
 20 ± 2 PSI (Static)
 Average Open Flow Rate: 50 L/min (AVG)
 Weight: 2.2 Oz. [63 g]
 See also: MH document 5SREG-310-xxx

Installing the Regulator

Thread the regulator into the SAE-4F port of the RCV/RCR unit or Manifold where you wish to install the regulator and torque to **60 in-lbs.**

Connect the outlet tubing to the remainder of your oxygen system.

Open the cylinder valve **SLOWLY** (~ 2 turns).

Removing the Regulator

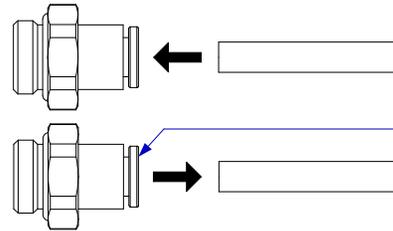
DO NOT ATTEMPT TO REMOVE REGULATOR WHILE UNDER PRESSURE

Bleed-off internal pressure by first **closing the main cylinder valve** and then disconnecting the outlet tubing from the regulator.

The regulator can now be removed.

REV	ECO	Release	Drawn	REVISION HISTORY
-0	2022-033	2022-11-07	SGO	Customer Drawing - Insert

OUTLET TUBING CONNECTION - 4mm/6mm Push-To-Connect Fittings



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.

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B

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C

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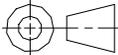
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Insert #: 5IREG-0101-01

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. DIMENSIONS IN [] ARE MILLIMETERS (REF)		 MOUNTAIN HIGH E&S CO. REDMOND, OR. USA	
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 2022-09-27	DWG TITLE MH 3G Regulator, Single-Stage, NO-Gauge, SAE-4M x 6mm Axial Tube (EOS) [Insert]	
	CHECKED EAM 2022-11-04	DWG NUMBER 5IREG-0101-01	
	ENGINEER JB 2022-11-04	SRC FILE 00REG-310-xxx\$-0	INV. PART NUMBER ARGX2-0101-01
DO NOT SCALE DRAWING	APPROVED HBS 2022-11-07	DWG FORMAT: ESR-002 Rev H [27]	PROD. NAME
		DWG SCALE	DWG SHEET 1 OF 1
			DWG REV. -0 DWG SIZE A 11x8 1/2