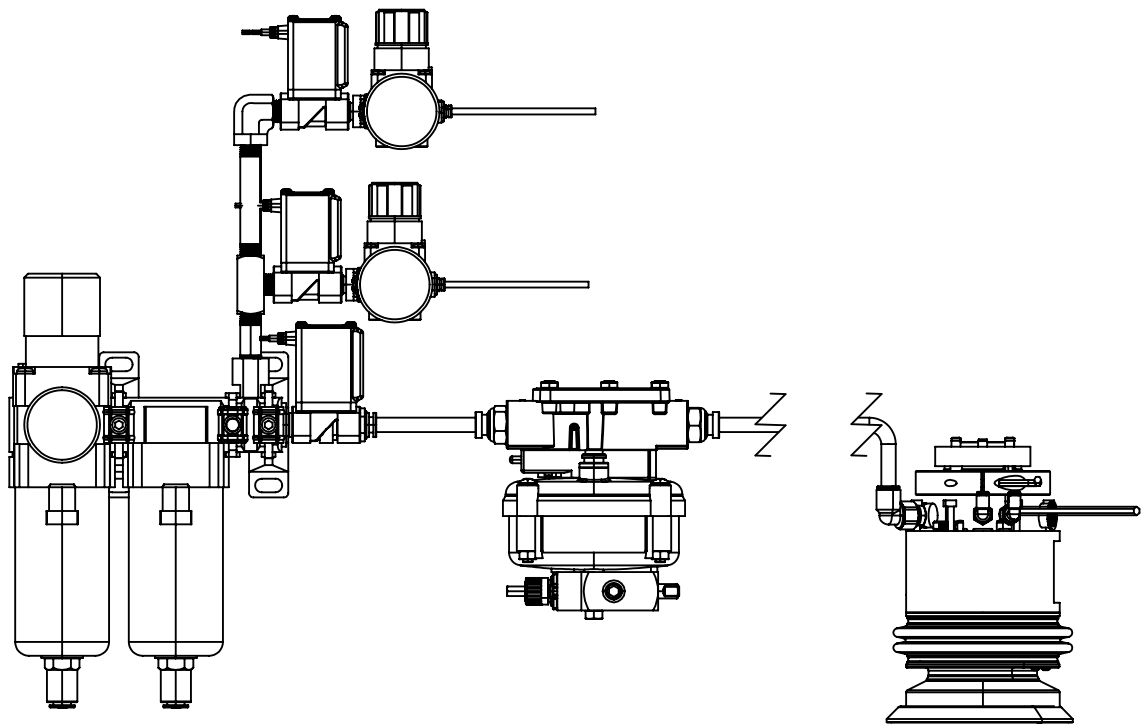


REV.	DESCRIPTION	INITIATOR	DATE
01P	INITIAL DRAWING	GLW	6/10/2020
02	RELEASE. NO CHANGE.	GLW	8/11/2020
03	Eco 19377; Replaced Fastener 3500-1066015-15 with -15A. Replaced 3mm Allen Key 3690-0000108-00 with 4mm Allen Key 3690-0000105-00. Added 5mm Allen Key 3690-0000103-00 to show fastening Item #1. Changed Allen Key 5mm to Allen Key 4mm used with 9005-50-6192. Removed 3mm Allen Key 3690-0000108-00 from Sheet 2.	CF	11/9/2020



CUSTOMER TO MOUNT
9005-50-6189
UPSTREAM OF ROBOT

NOTE 1

NOTE 1

DOWEL PRESS FIT
INTO UR ROBOT WRIST

2X M4X16 SHCS
LOCTITE 222 OR EQUAL
25 IN-LB (2.8 Nm)
SUPPLIED WITH
9005-50-6192

4X M6X12 SHCS
LOCTITE 242 OR EQUAL
89 IN-LBS

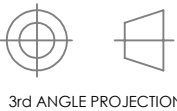
NOTE 6

- Notes:
1. SUPPLIED WITH AOV
 2. TO VIEW THE MANUAL PLEASE VISIT WWW.ATI-IA.COM/COBOTREADY.
 3. TO DOWNLOAD THE URCAP PLEASE VISIT WWW.ATI-IA.COM/COBOTREADY.
 4. THESE THREE COMPONENTS COME PRE-ASSEMBLED.
 5. DO NOT OPERATE AOV WITHOUT COMPLIANCE PRESSURE ENGAGED.
 6. 9150-AOV-10B-5-0-0 SHOWN FOR REPRESENTATION ONLY.
SYSTEM IS COMPATIBLE WITH ALL AOV MODELS

ITEM NO.	QTY	PART NUMBER	DESCRIPTION
1	4	3500-1066012-15A	M6-1 x 12mm SHCS, Blue, Pre-Applied
2	1	3540-0106010-21	6mm x 10mm Dowel Pin SST
3	1	3690-0000103-00	Allen Key, 5mm, High Visibility Blue
4	1	3690-0000105-00	Allen Key, 4mm, High Visibility Blue
5	1	9005-50-6189	Filter / Valve / Regulator / Lubricator Kit w/ Standard Dual Compliance for AOV
6	1	9005-50-6192	Interface Plate Kit, Dovetail Style B to BC 50, (4) M6, Boss 31.5, Dowel 6
7	1	9150-AOV-10B-5-0-0	Axially Compliant Orbital Sander, 10k RPM, 3/16" Orbit, 5" Pad, No Vacuum

NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING.
ALL DIMENSIONS ARE IN INCHES.



3rd ANGLE PROJECTION

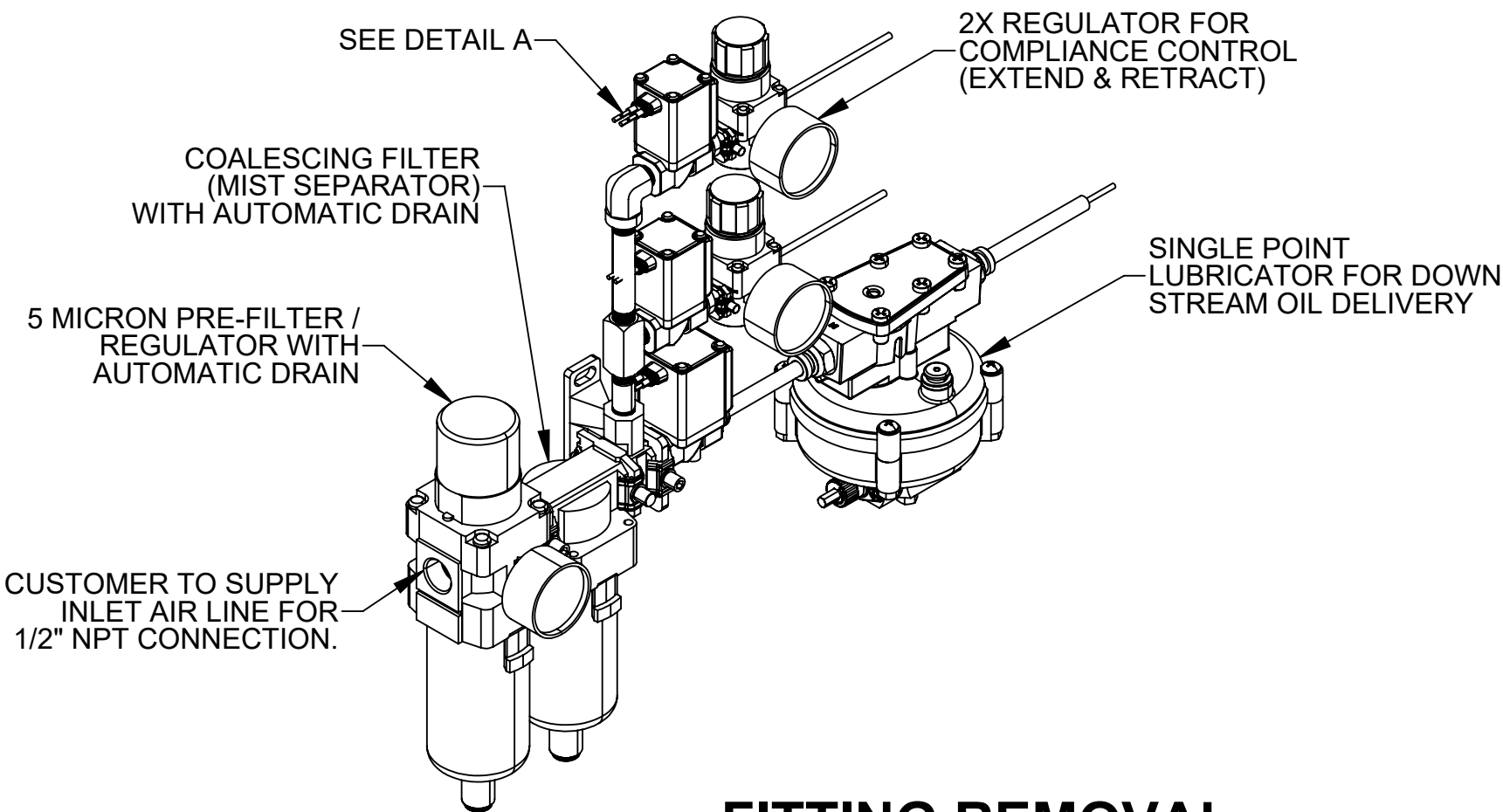


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DRAWN BY: G.Wu 06/10/2020		TITLE AOV Kit for UR			
CHECKED BY: B.Rose 06/22/2020 B.Murphy 06/18/2020					
PROJECT #	200327-2				SCALE
SHEET 1	OF 2	1:5	B	9640-50-1032	03

9005-50-6189 INSTALLATION NOTES



FITTING REMOVAL (OTHER COMPONENTS HIDDEN FOR CLARITY)

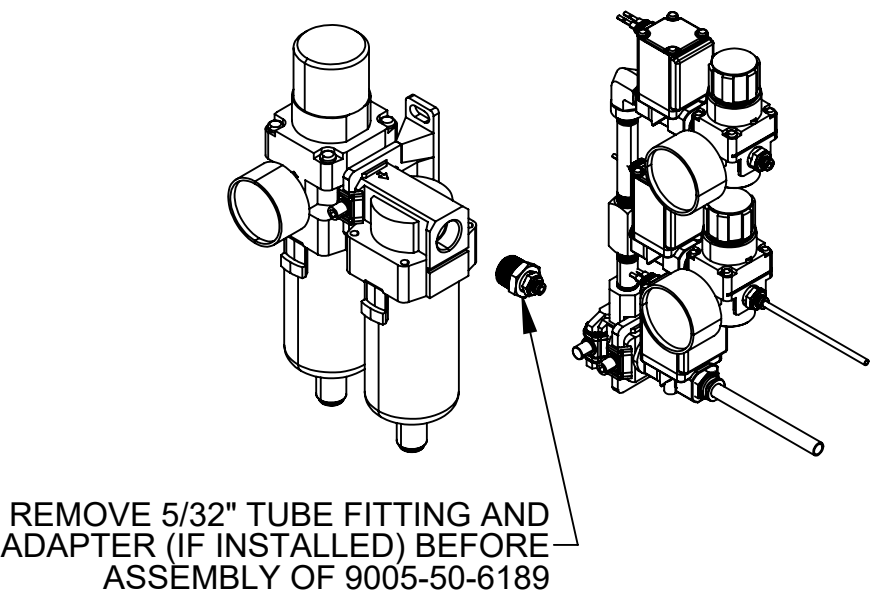
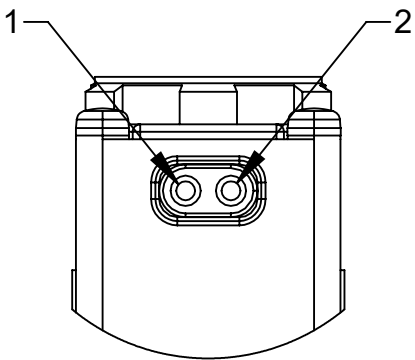
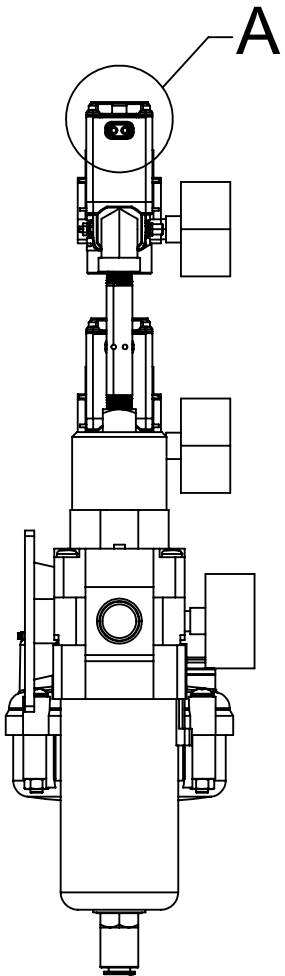


TABLE 1: SOLENOID WIRING (FOR ALL SOLENOIDS)

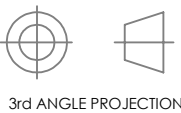
LEAD WIRES	POSITION	SIGNAL
300mm BLACK, 20 AWG	1	24 VDC (+)
300mm RED, 20 AWG	2	24 VDC (-)



DETAIL A
SCALE 1 : 1
SOLENOID 2-WIRE INTERFACE

NOTES: UNLESS OTHERWISE SPECIFIED.

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3rd ANGLE PROJECTION



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DRAWN BY: G.Wu 06/10/2020

CHECKED BY: B.Rose 06/22/2020

B.Murphy 06/18/2020

PROJECT # 200327-2 SHEET 2 OF 2

TITLE

AOV Kit for UR

SCALE
1:4

SIZE
B

DRAWING NUMBER
9640-50-1032

REVISION
03