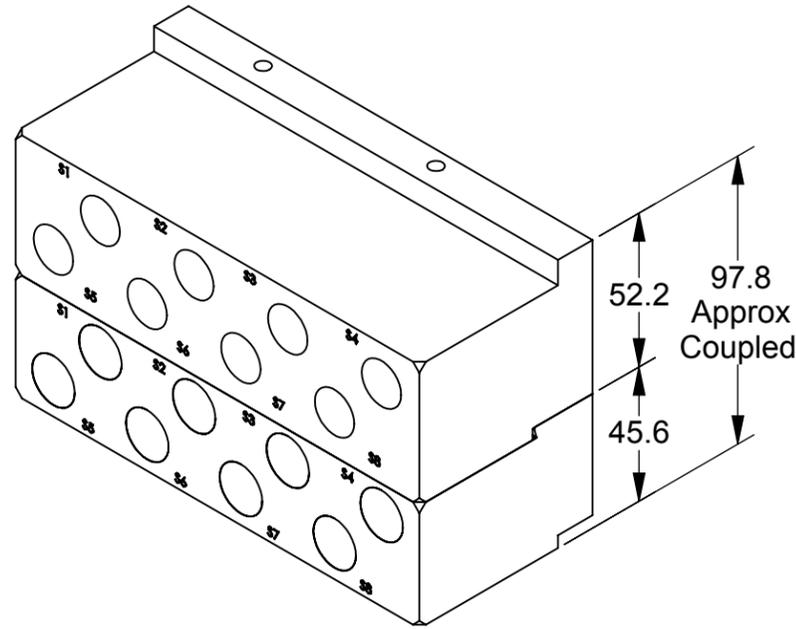
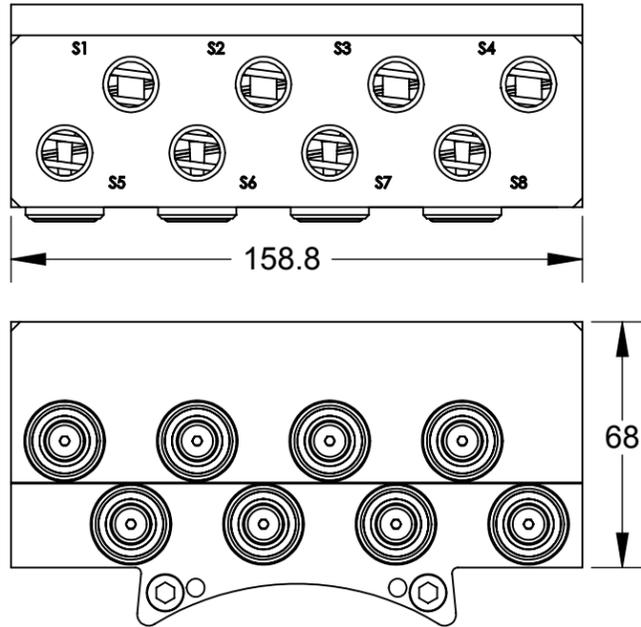
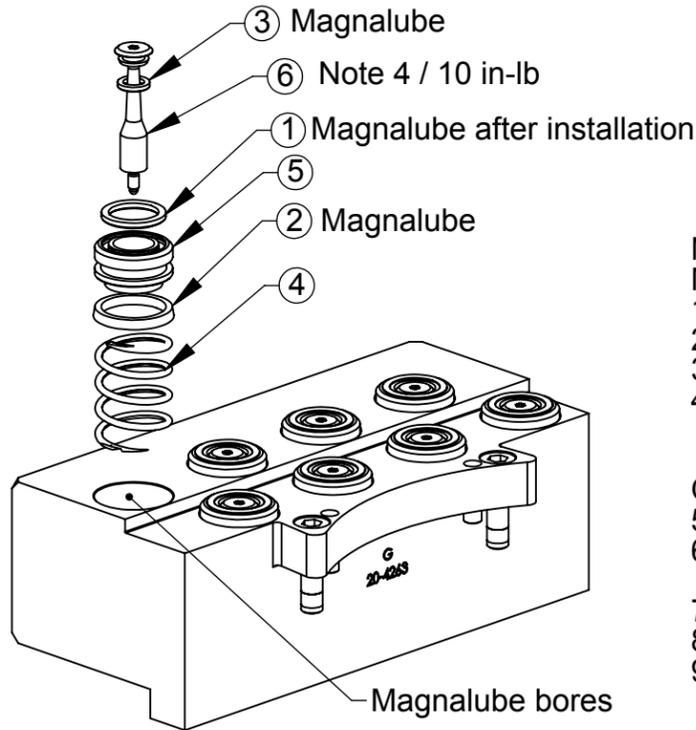
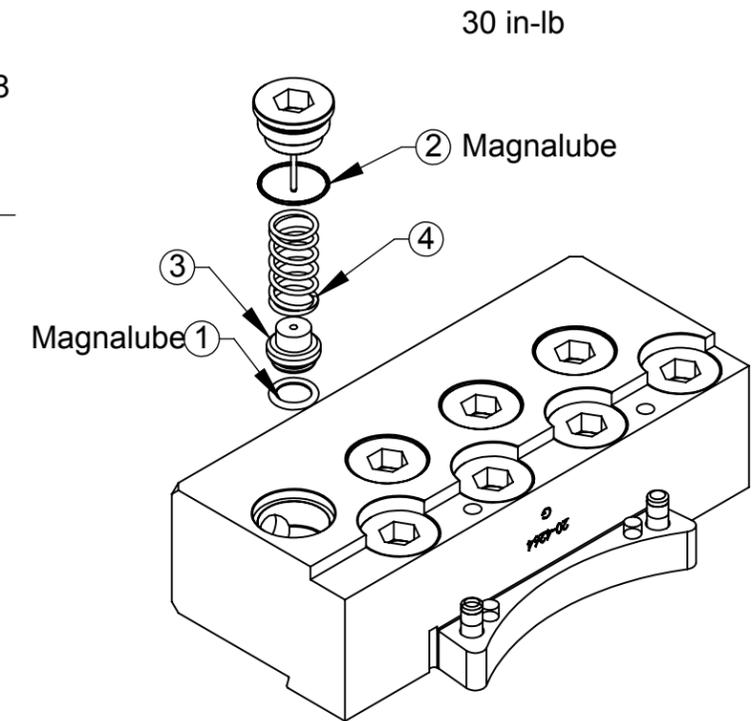
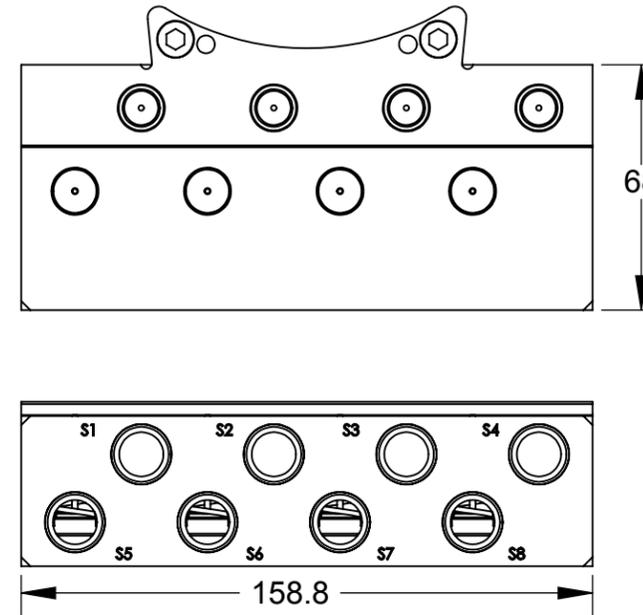


Rev.	Description	Initiator	Date
08	ECO 14375; Added torque and Magnalube information. Added Note 4.	SZJ	8/5/2016

**AH2 Master Module
(9121-AH2-M)**



**AH2 Tool Module (9121-AH2-T) Shown
AH3 Tool Module (9121-AH3-T)
AH4 Tool Module (9121-AH4-T)**



Notes:

Materials of Construction:

- Housings - Anodized aluminum.
- Valve Components - Stainless Steel, Nitrile & PVC
- Quantities shown in bill of materials are for AH2 master and AH4 tool.
- Replacement stem contains pre-applied thread locker. Use Loctite 7649 primer and Loctite 222 if reassembling with original stem.

Operations:

- For best results keep air module mating surfaces free and clear of any debris.
- Checked ports can produce significant forces when under high supply pressures. These forces have to be overcome to achieve tool changer coupling.
- Checked ports do not support vacuum conditions.
- AH2-M master module has (8) G 3/8 checked ports.
- AH2-T tool module has (4) checked and (4) pass thru G 3/8 ports. AH3-T has (8) pass thru G 3/8 ports. AH4-T has (8) checked G 3/8 ports.

Note: Items 1, 2, 3, 4 & 5 can be ordered in a kit. Part Number 9120-F5-T-Kit

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	4	3410-0001067-01	O-ring, 10mm x 2mm, Buna N, Dur. 90
2	8	3410-0001284-01	O-ring, .669OD x .047 wall, 70D, Buna-N
3	4	3700-20-1457	SW-150A Tool Check Valve Piston
4	4	3700-20-1460	SPRING, F/A TOOL
5	8	9005-20-1515	Fluid/Air Long Plug with Dowel
9	4	3540-0101750-21	1/16 Dia X .75 Dowel Pin

Note: Service Kit 9120-F1-T-Kit consists of (1) each of items 1, 2, & 4.
Note: Service Kit 9120-F5-T-Kit consists of (1) each of items 1 thru 5.

AH2-M Serviceable Parts

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	8	3410-0001065-01	O-Ring 14MM X 2MM Buna
2	8	3410-0001068-01	Mini U-Cup Seal 18mm ID x 22mm Buna
3	8	3410-0001183-01	O-Ring 6MM X 2MM Buna D90
4	8	3700-20-1459	SW-150A Master Fluid / Air Spring SS
5	8	3700-20-2994	Master Check Valve Piston, FA44
6	8	3700-20-2996	VALVE STEM, HIGH STRENGTH

Note: Service Kit 9120-F2-M-Kit consists of (1) each of items 1 thru 4.
Note: Service Kit 9120-F4-M-Kit consists of (1) each of items 1 thru 6.

NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING. ALL DIMENSIONS ARE IN MILLIMETERS.



3rd ANGLE PROJECTION



1031 Goodworth Drive, Apex, NC 27539, USA
Tel: +1.919.772.0115 Email: info@ati-ia.com
Fax: +1.919.772.8259 www.ati-ia.com
ISO 9001 Registered Company

PROPERTY OF ATI INDUSTRIAL AUTOMATION, INC. NOT TO BE REPRODUCED IN ANY MANNER EXCEPT ON ORDER OR WITH PRIOR WRITTEN AUTHORIZATION OF ATI.

DRAWN BY: J.Snape 1/14/05		TITLE	
CHECKED BY: P.Sparrow 1/17/05		AH2-M, AH2-T / AH3-T / AH4-T Module Drawing	
PROJECT #	040331-1 SHEET 1 OF 1	SCALE	1:2
SIZE	B	DRAWING NUMBER	9630-20-AH2
REVISION			08