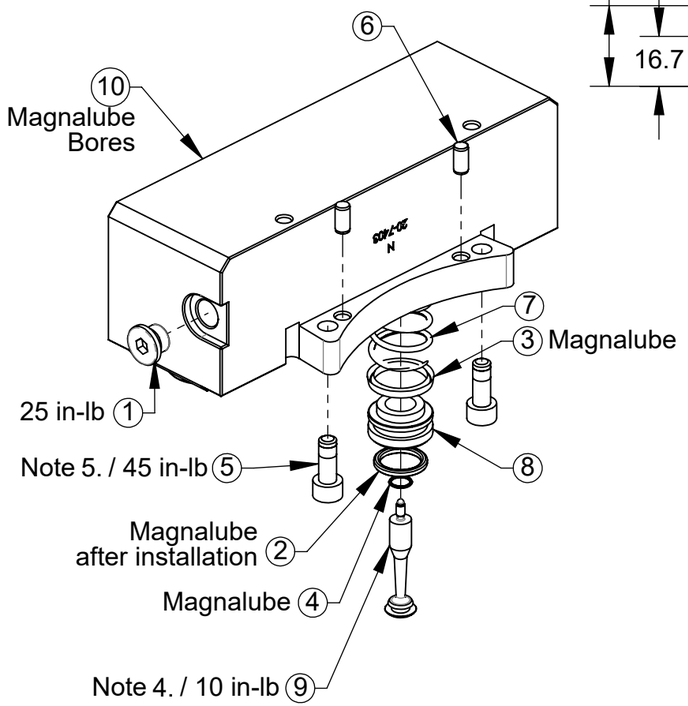
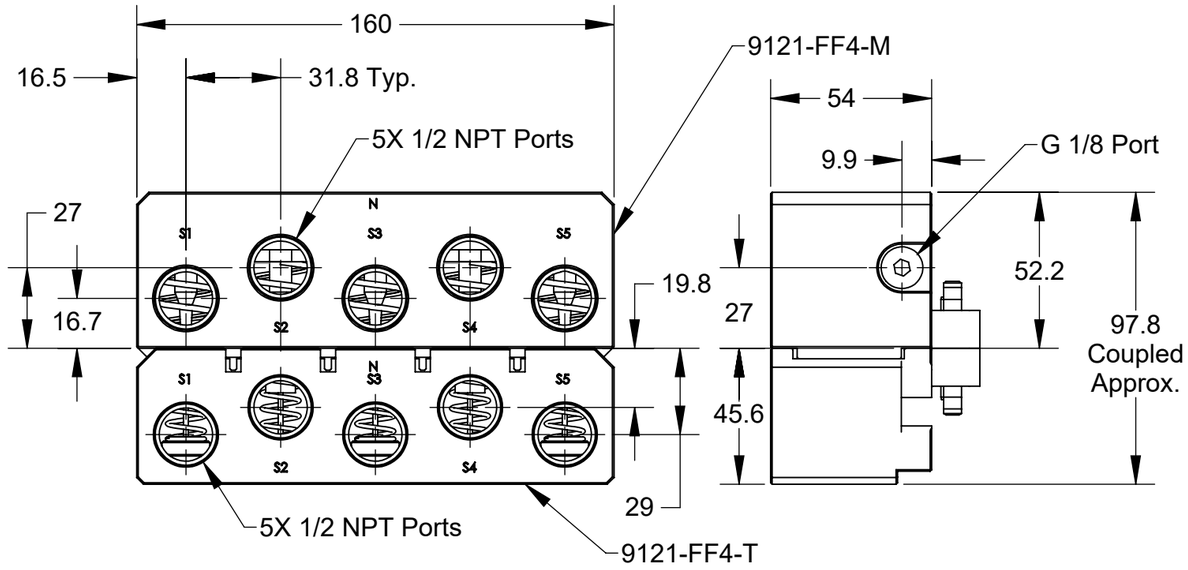
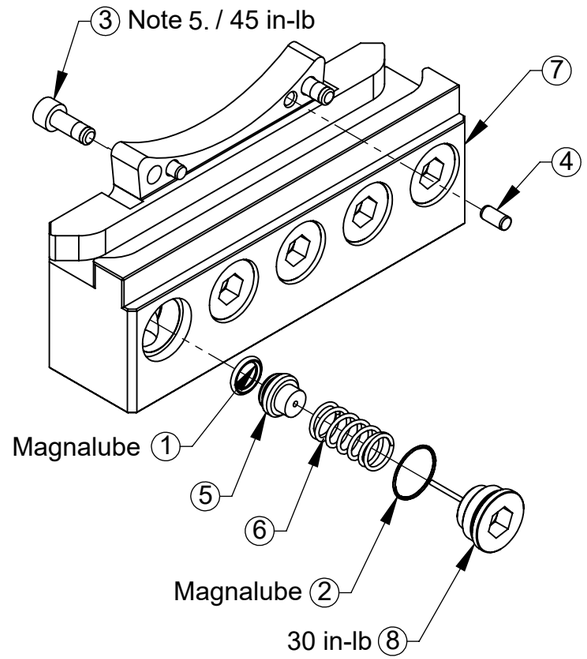
Rev.	Description	Initiator	Date
04	ECO 14748: Updated Torque values for M6 mounting screws to 45 in-lb was 45 ft-lb for Master & Tool; Added balloon for Item 6 to Master; Added Note 5 to Material of Construction.	TBC	12/30/2016
05	ECO 22132; Replaced 3700-20-2996 with 3700-20-8065.	LJH	9/17/2025

9121-FF4-M
Master





9121-FF4-T
Tool



Notes:

Materials of Construction:
1. Housings - Stainless Steel
2. Valve Components - Stainless Steel, PVC & Nitrile
3. G 1/8 Plug - Nickel Plated Brass
4. Replacement stem contains pre-applied thread locker. Use Loctite 7649 primer and Loctite 222 if reassembling with original stem.
5. Replacement screw contains pre-applied thread locker. Use Loctite 7649 primer and Loctite 242 if reassembling with original screw.

Operations:
6. For best results ensure fluids are near neutral pH, minimize fluid particulate size and keep fluid module mating surfaces free and clear of any debris.
7. Checked ports can produce significant forces when under high supply pressures. See product manual regarding proper operating procedure.

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	3405-1000002-00	G1/8 Plug, Hex Socket, O-Ring Seal
2	5	3410-0001065-01	O-Ring 14MM X 2MM Buna
3	5	3410-0001068-01	Mini U-Cup Seal 18mm ID x 22mm Buna
4	5	3410-0001183-01	O-Ring 6MM X 2MM Buna D90
5	2	3500-1066016-21A	M6-1 x 16mm SHCS, SS, Pre-Applied
6	2	3540-0105010-21	5mm x 10mm Dowel Pin SST
7	5	3700-20-1459	SPRING, FLUID/AIR MODULE, MASTER
8	5	3700-20-2994	Master Check Valve Piston
9	5	3700-20-8065	VALVE STEM, HIGH STRENGTH
10	1	3700-20-7403	FF4 Housing, Master

Note: Service Kit 9120-F2-M-Kit consists of (1) each of items 2, 3, 4, & 7.
Note: Service Kit 9120-F4-M-Kit consists of (1) each of items 2, 3, 4, 7, 8, and 9.

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	5	3410-0001067-01	O-ring, 10mm x 2mm, Buna N, Dur. 90
2	5	3410-0001284-01	O-ring, .669OD x .047 wall, 70D, Buna-N
3	2	3500-1066016-21A	M6-1 x 16mm SHCS, SS, Pre-Applied
4	2	3540-0105010-21	5mm x 10mm Dowel Pin SST
5	5	3700-20-1457	Tool Fluid/Air Check Valve Piston
6	5	3700-20-1460	SPRING, FLUID/AIR MODULE, TOOL
7	1	3700-20-7404	FF4 Housing, Tool
8	5	9005-20-1515	3/8" Check Port Long Plug with Dowel

Note: Service Kit 9120-F1-T-Kit consists of (1) each of items 1, 2, & 6.
Note: Service Kit 9120-F5-T-Kit consists of (1) each of items 1, 2, 5, 6, & 8.

NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING. ALL DIMENSIONS ARE IN INCHES.

3rd ANGLE PROJECTION

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DRAWN BY: D.Lawson-1/17/12
CHECKED BY: D.Swanson-1/31/12
PROJECT # 110207-1 SHEET 1 OF 1

TITLE: FF4 Module Drawing

SCALE	SIZE	DRAWING NUMBER	REVISION
1:2	B	9630-20-FF4	05