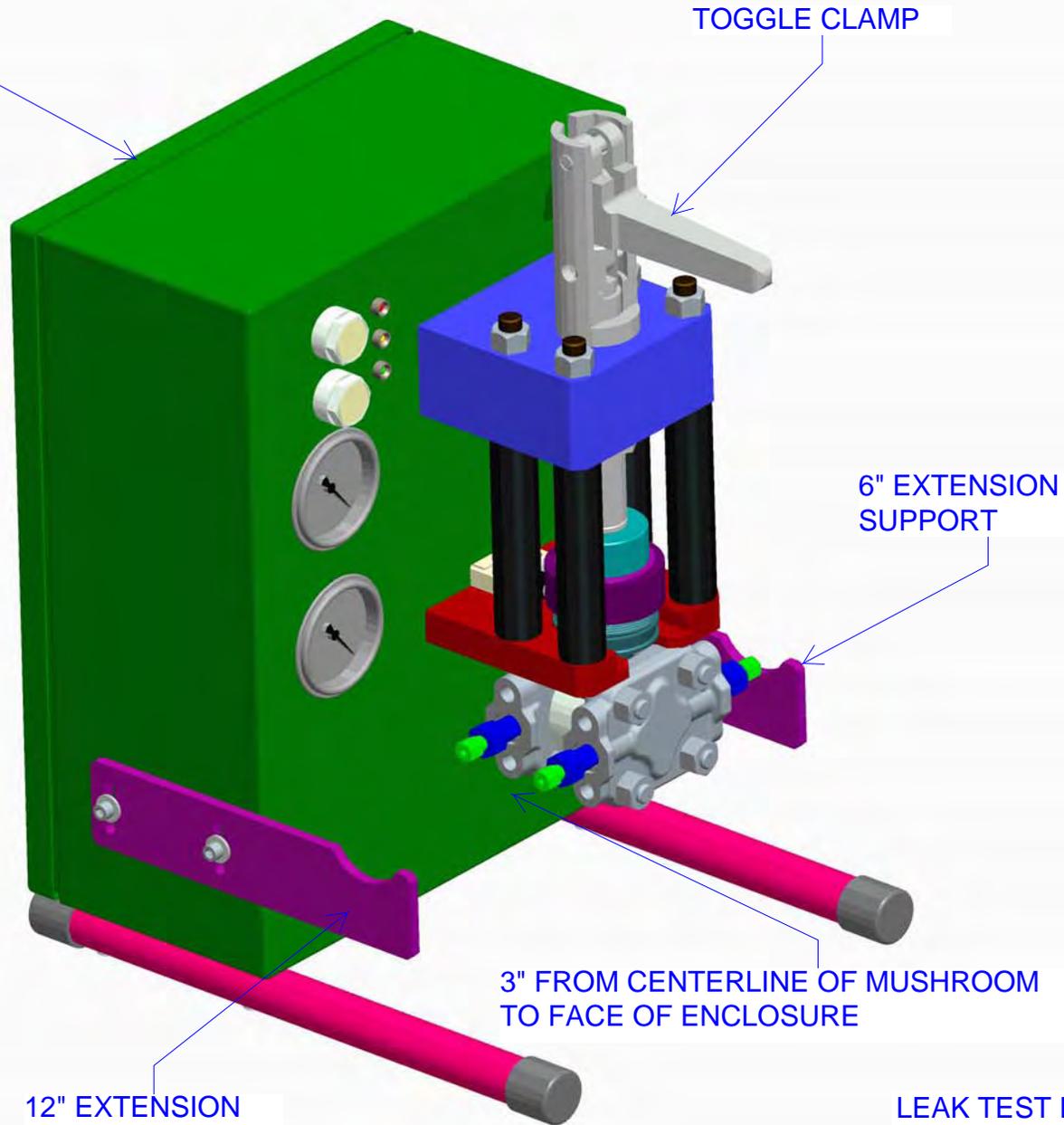


ELECTRICAL ENCLOSURE
16 X 12 X 6

TOGGLE CLAMP



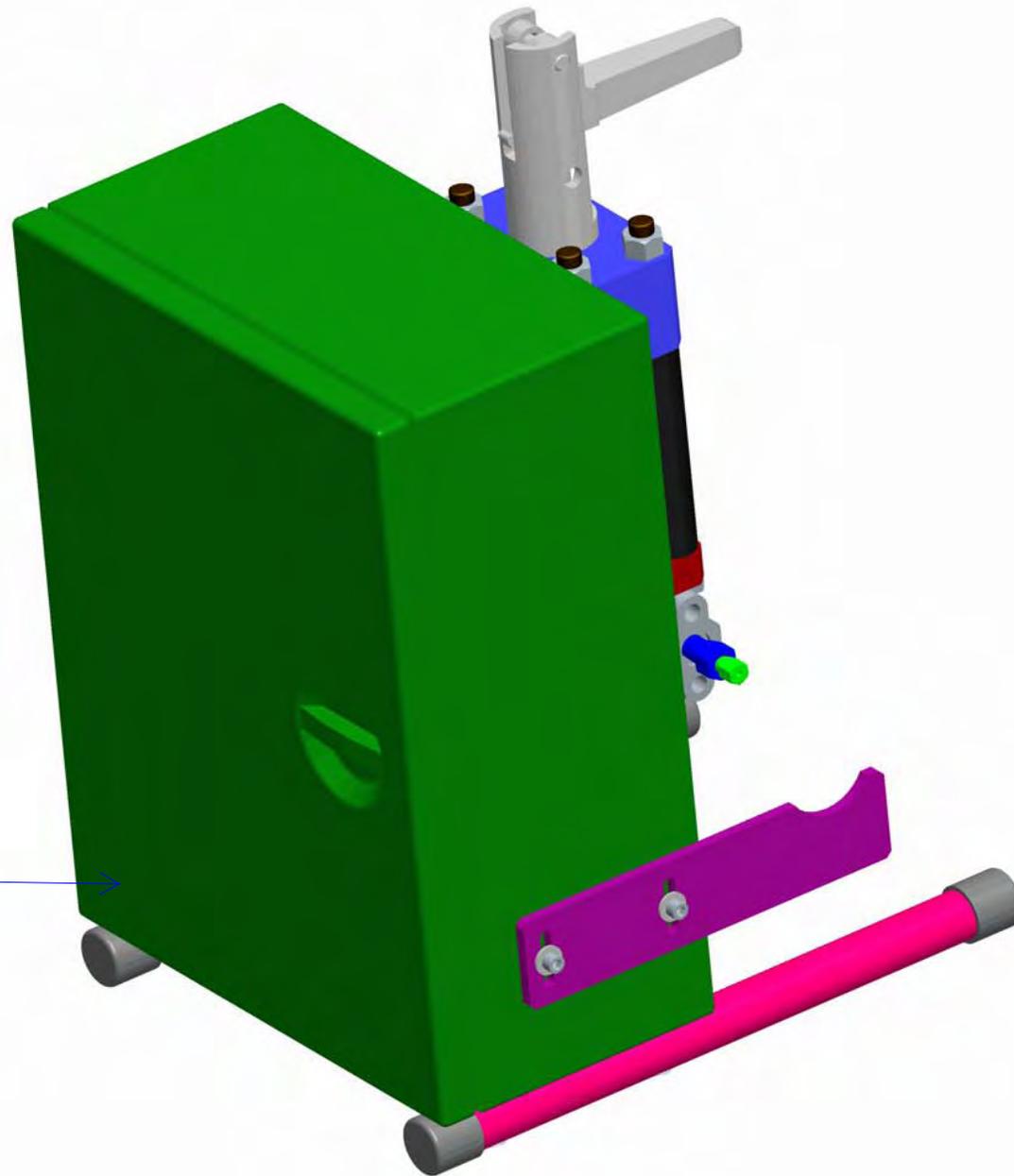
6" EXTENSION
SUPPORT

3" FROM CENTERLINE OF MUSHROOM
TO FACE OF ENCLOSURE

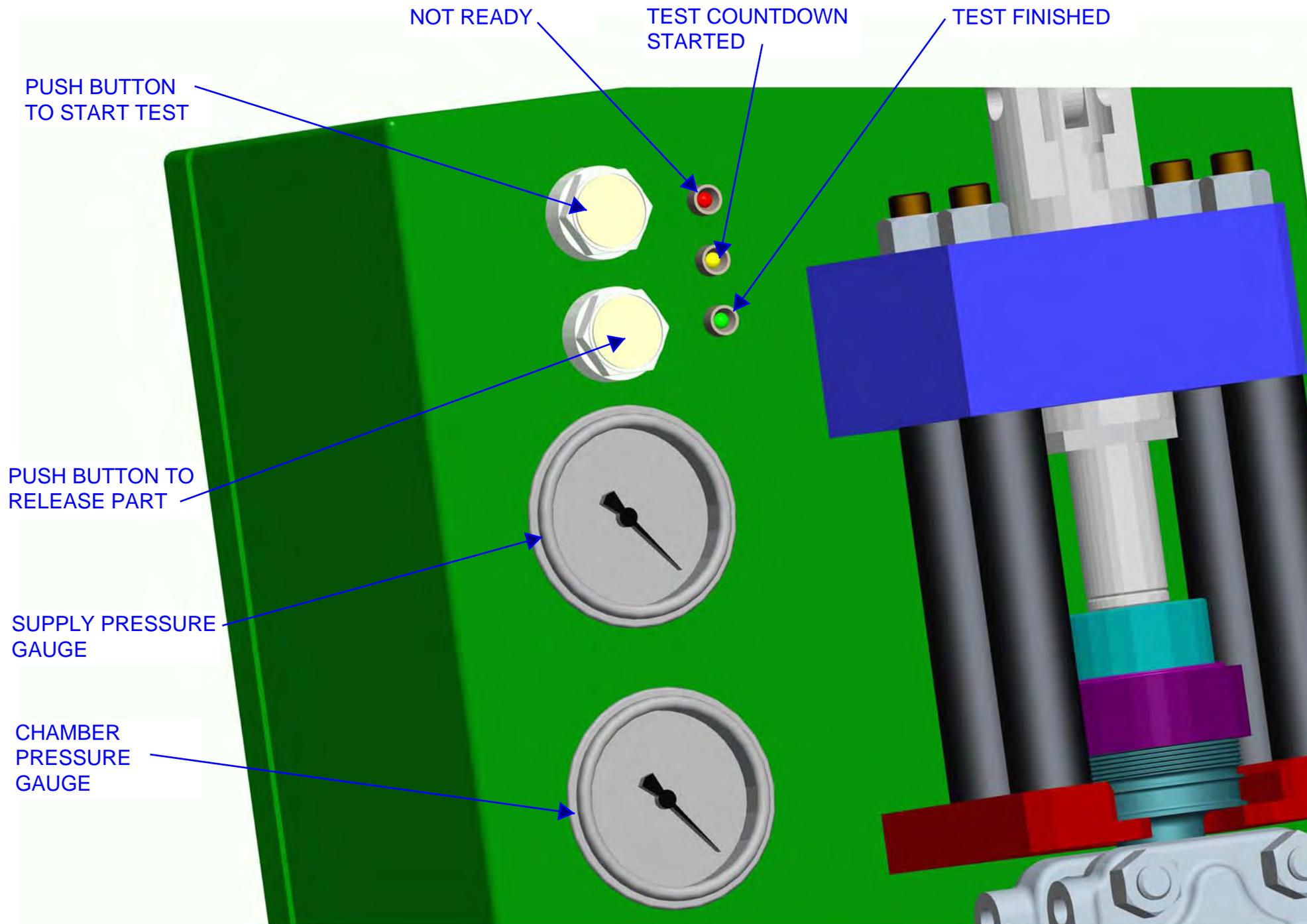
12" EXTENSION
SUPPORT

LEAK TEST FIXTURE
1000 PSIG MAX

DOOR TO ACCESS
ELECTRICAL COMPONENTS



LEAK TEST FIXTURE
1000 PSIG MAX 2



NOT READY

TEST COUNTDOWN
STARTED

TEST FINISHED

PUSH BUTTON
TO START TEST

PUSH BUTTON TO
RELEASE PART

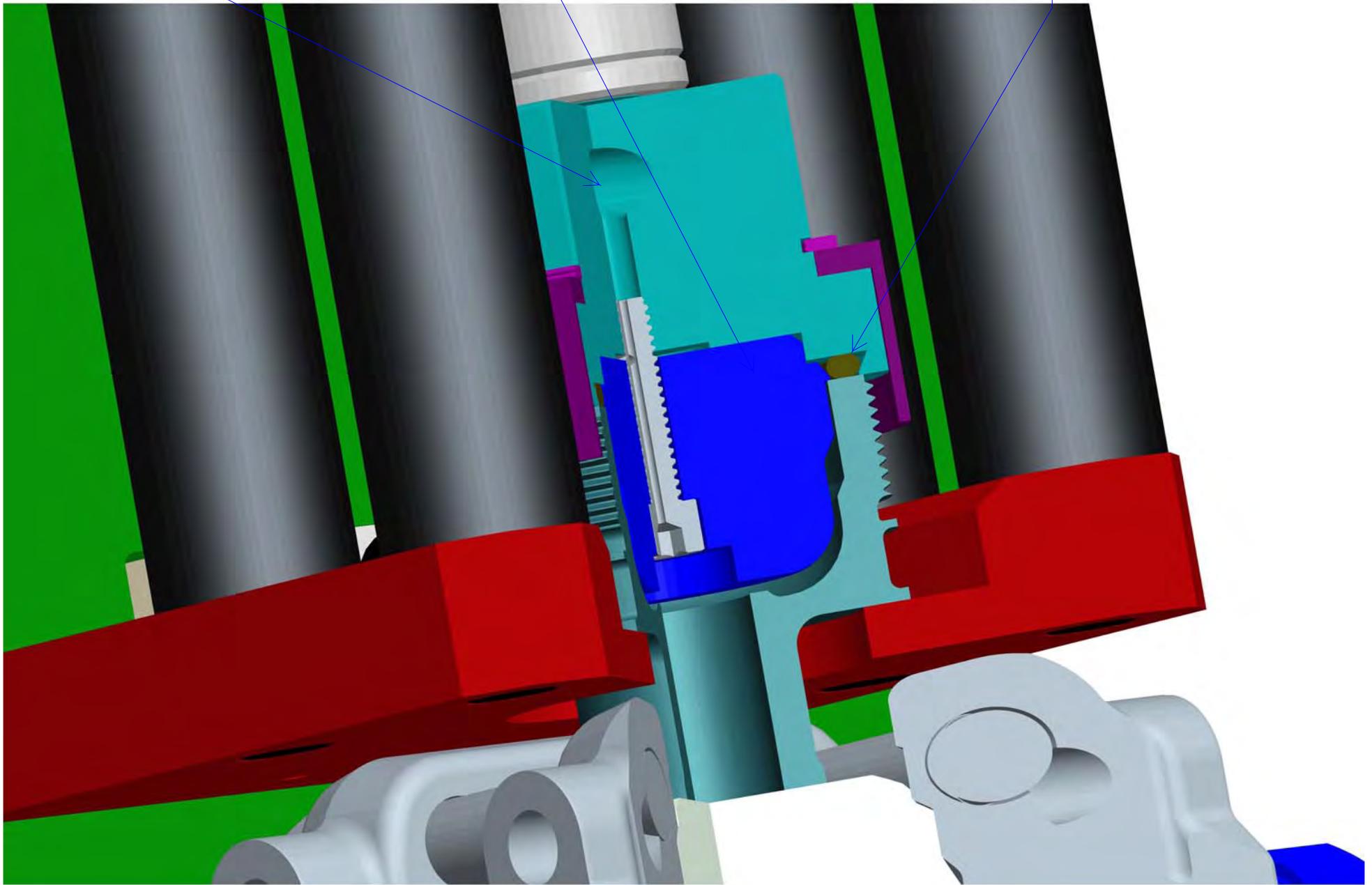
SUPPLY PRESSURE
GAUGE

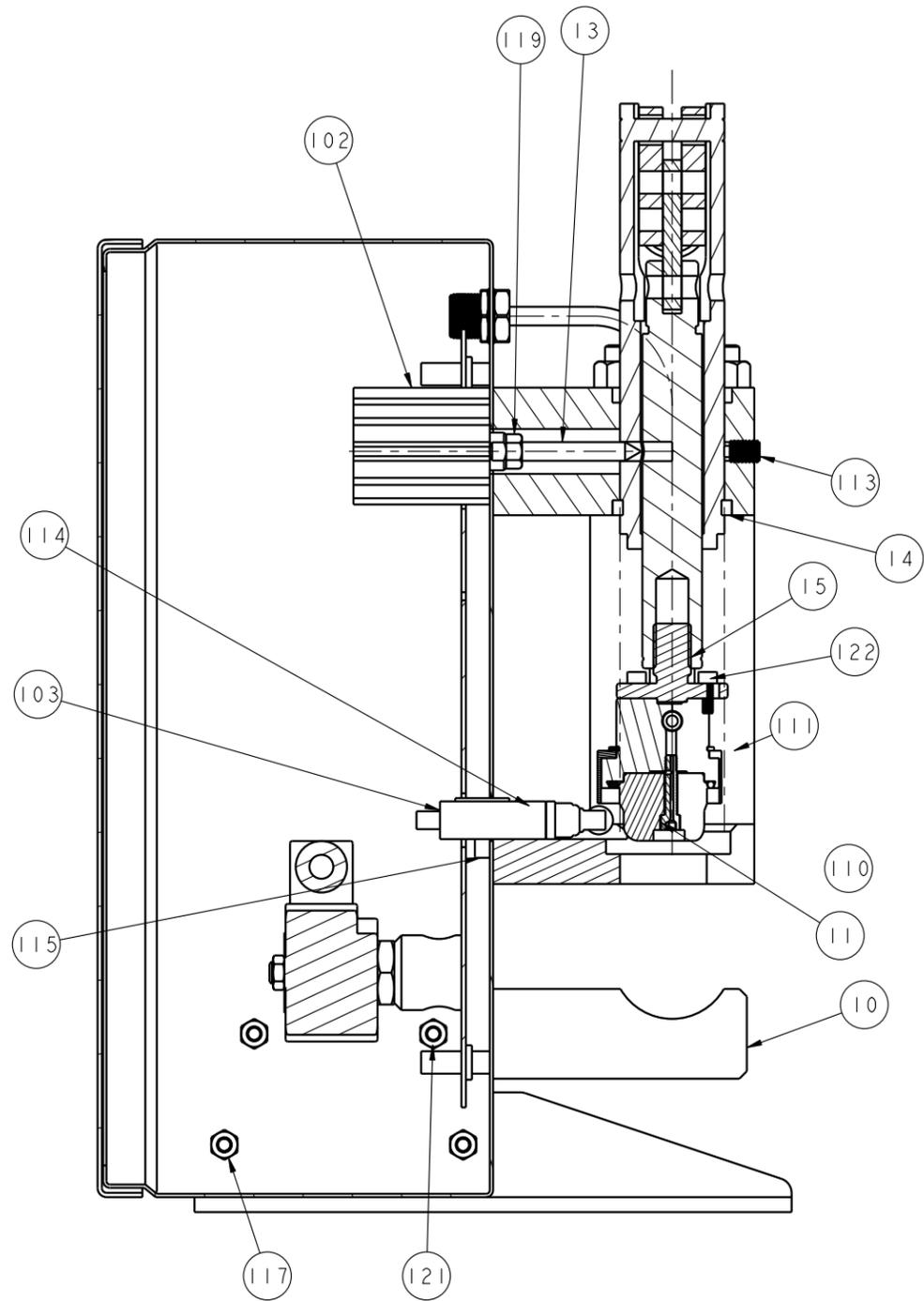
CHAMBER
PRESSURE
GAUGE

INLET 1/8 NPT

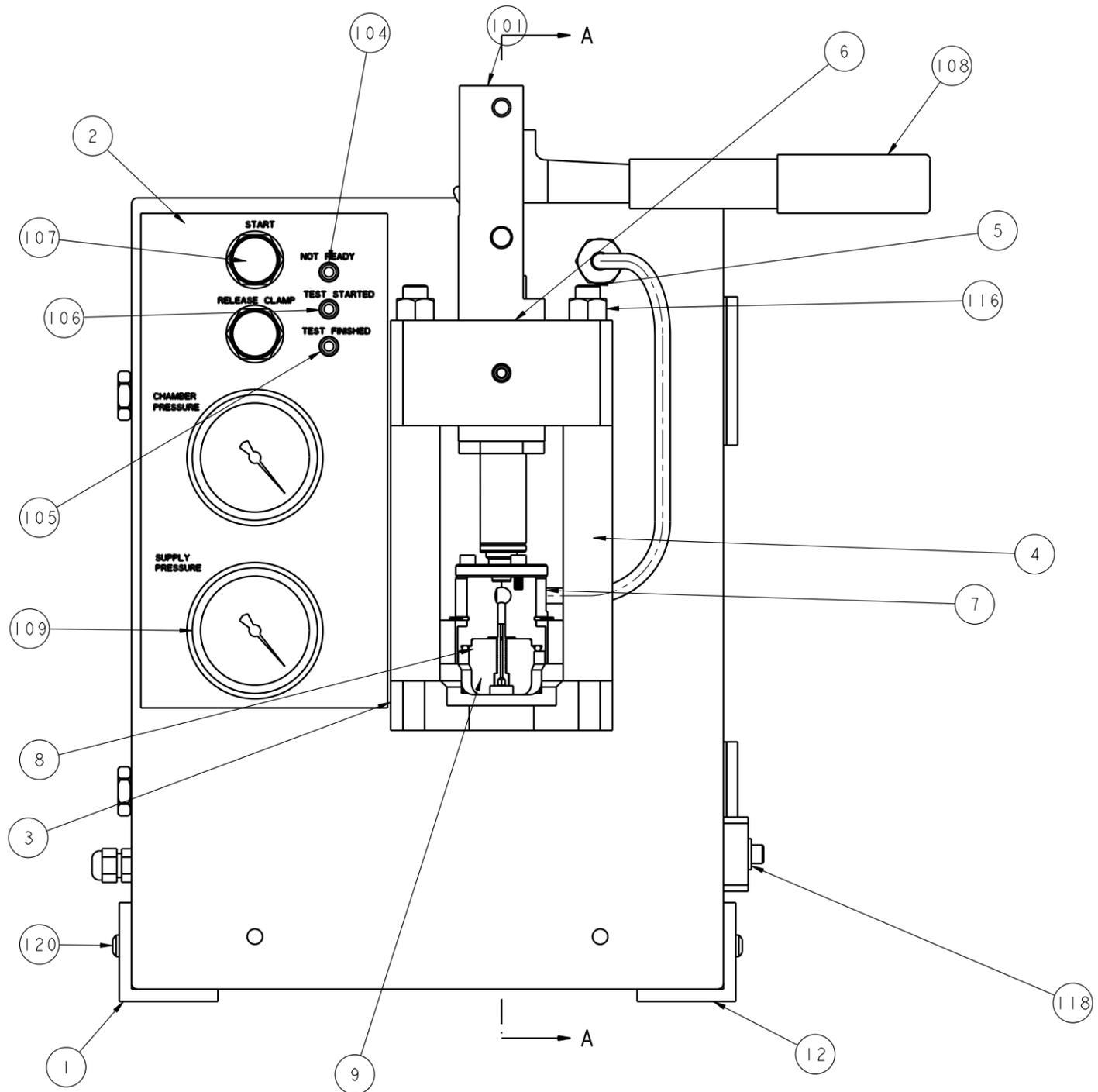
FILLER PLUG

O-RING IN CAPTIVE GROOVE





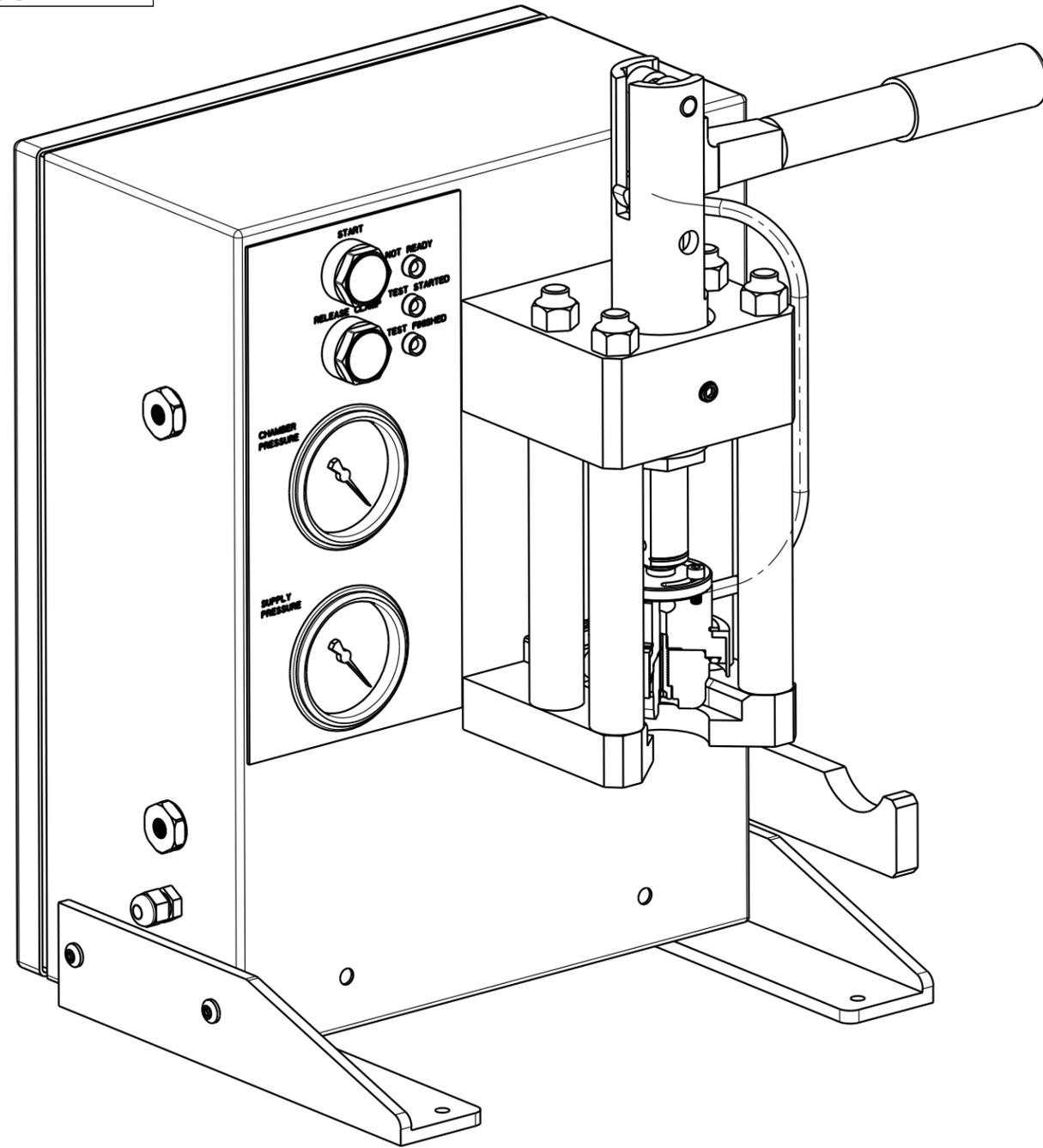
SECTION A-A



REV	DESCRIPTION	DATE	BY
REVISION HISTORY			

MATERIAL:	LEAK TEST FIXTURE ASSEMBLY	THIRD ANGLE PROJECTION	
FINISH:	<small>DO NOT SCALE-USE DIMENSIONS ONLY</small> <small>TOLERANCES UNLESS OTHERWISE SPECIFIED</small> <small>.XX ±0.02</small> <small>BREAK CORNERS 0.01/0.02</small> <small>.XXX ±0.005</small> <small>FILLETS 0.01R MAX</small> <small>.XXXX ±0.0010</small> <small>ANGLES ± 1°</small>	<small>DRAWN</small> M. ADCOCK	<small>DATE</small> 03-19-08
		<small>APPROVED</small> 	<small>SCALE</small> 0.750
		<small>DRAWING NUMBER</small> 500-001	<small>REVISION A</small> 03-19-08
		<small>SHEET 1 OF 2</small>	

500-001
LEAK TEST FIXTURE

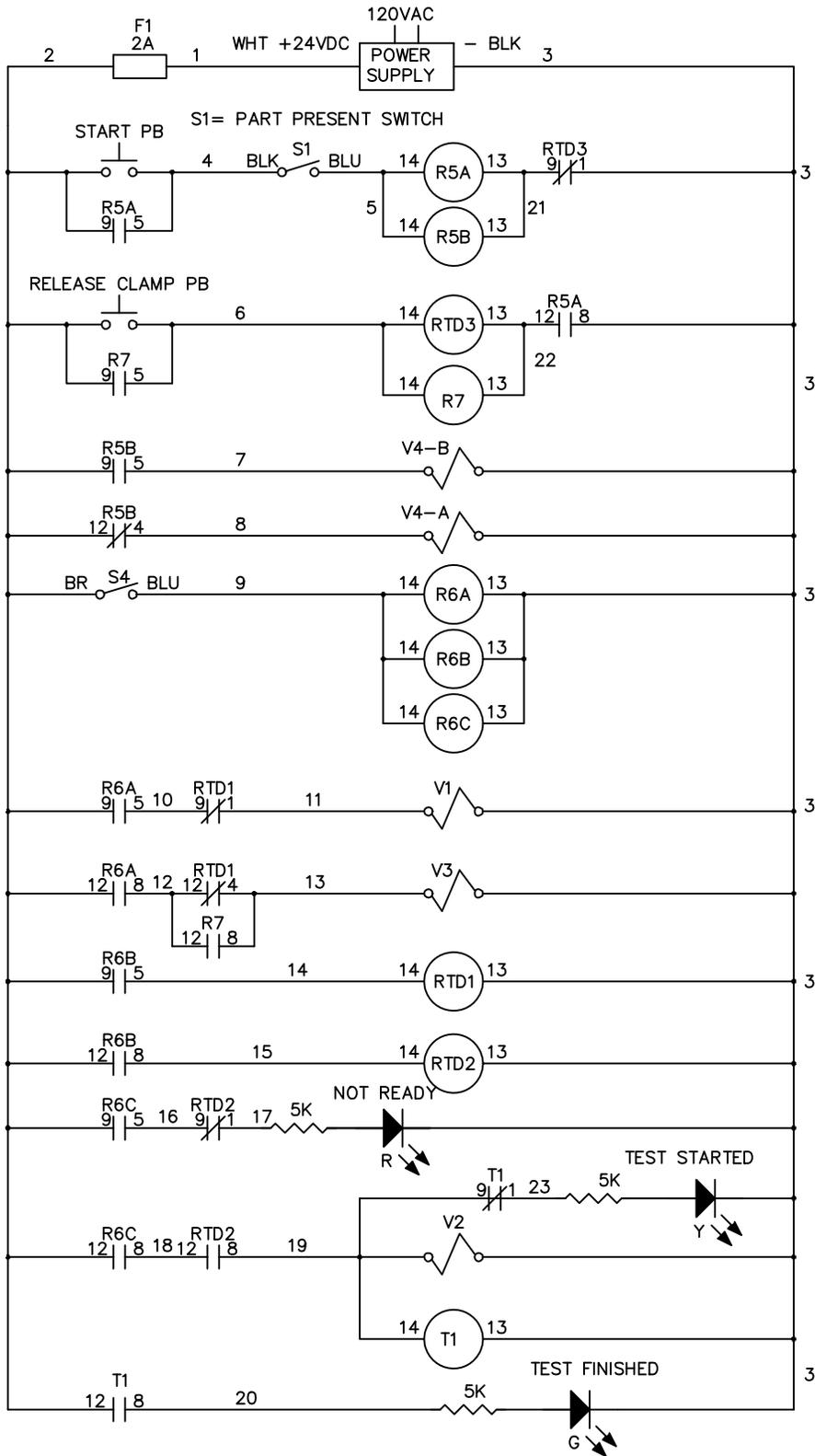
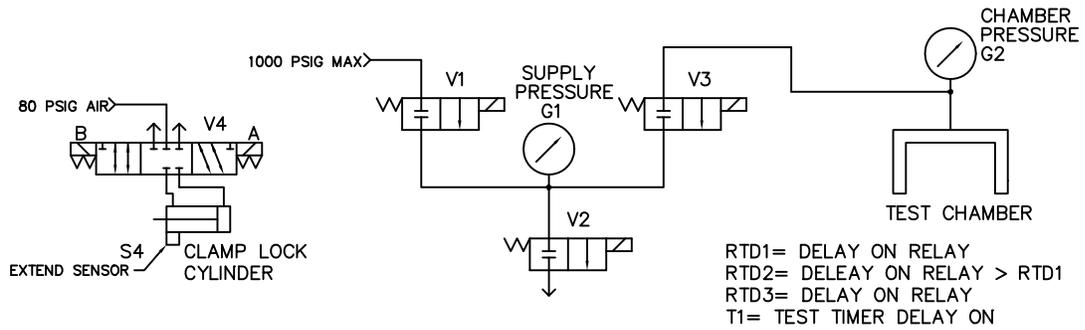


BILL OF MATERIAL

ITEM	QTY	PART NUMBER	MANUFACTURER	DESCRIPTION
1	1	500-001-001		LEG, RH
2	1	500-001-002	PURCHASE	ENCLOSURE MODIFICATION
3	1	500-001-003		NEST PLATE
4	4	500-001-004		SPACER
5	4	500-001-005	PURCHASE	STUD MODIFICATION
6	1	500-001-006		CLAMP MOUNTING BLOCK
7	1	500-001-007		PRESSURE CAP
8	1	500-001-008		CUP
9	1	500-001-009		FILLER PLUG
10	1	500-001-010		SUPPORT PLATE
11	1	500-001-011	PURCHASE	SCREW MODIFICATION
12	1	500-001-012		LEG, LH
13	1	500-001-013		SHOT PIN
14	1	500-001-014		RETAINER RING
15	1	500-001-015		MOUNTING FLANGE
16	1	500-001-017		LEVER EXTENSION
17	1	500-001-018		NAMEPLATE
18	1	500-001-501		3000 PSI HOSE
19	3	1327BA122	JEFFERSON	SOLENIOD VALVE
20	3	5454K86	McMASTER CARR	BULKHEAD FITTING 1/8 NPT
21	1	S2107	OLIFLEX	STRAIN RELIEF
22	1	SHCS_M10X150X130MM	COMMON	M10 X 1.50 X 130mm LG SHCS
101	1	695-1MBPLS	DE-STA-CO	TOGGLE CLAMP MODIFIED
102	1	NCDQ2B32-25D-A72LS	SMC	AIR CYLINDER
103	1	D4C-1633	OMRON	SNAP ACTION ROLLER LEVER SWITCH
104	1	67-1163-ND	DIGIKEY	RED LED PANEL MOUNT
105	1	67-1164-ND	DIGIKEY	GREEN LED PANEL MOUNT
106	1	67-1165-ND	DIGIKEY	YELLOW LED PANEL MOUNT
107	2	E22N5	CUTLER-HAMMER	PUSH BUTTON SWITCH
108	1	40005K36	McMASTER-CARR	VINYL CAP
109	2	4003K93_0-1500	McMASTER-CARR	PRESSURE GAUGE 0-1500 PSIG
110	1	4464T262	McMASTER-CARR	O-RING
111	1	91665A540	McMASTER-CARR	RETAINING RING
113	1	91381A619	McMASTER-CARR	3/8-16 X .50 LG BRASS TIP SS
114	2	SHCS_8-32X0625	COMMON	8-32 X .625 LG SHCS
115	4	SHCS_250-20X0500	COMMON	SHCS 1/4-20 X .50 LG
116	4	500-13_HEX_NUT	COMMON	HEX NUT 1/2-13
117	6	250-20_HEX_NUT	COMMON	1/4-20 HEX NUT
118	2	250_PLAIN_WASHER	COMMON	1/4 NARROW PLAIN WASHER
119	1	312-24_HEX_NUT	COMMON	5/16-24 HEX NUT
120	4	BHCS_250-20X0625	COMMON	BHCS 1/4-20 X .625 LG
121	2	SHCS_250-20X1000	COMMON	1/4-20 X 1.00 LG SHCS
122	3	SHCS_10-32X0500	COMMON	SHCS 10-32 X .50 LG

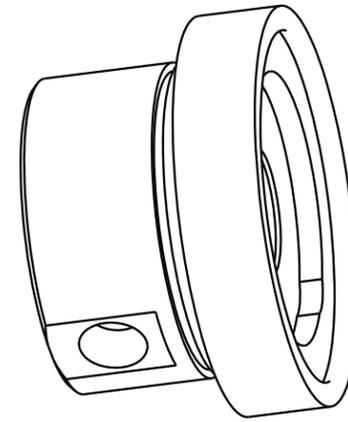
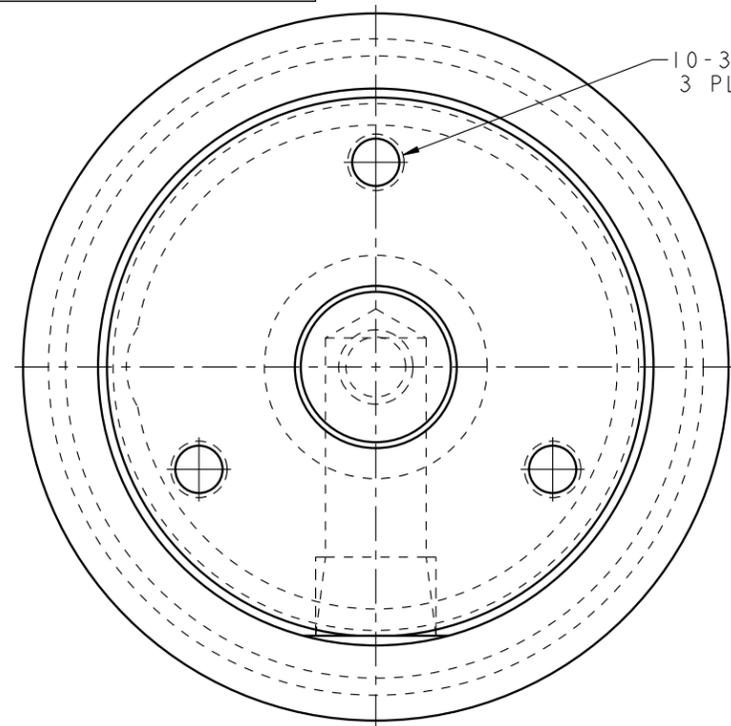
REV	DESCRIPTION	DATE	BY
REVISION HISTORY			

MATERIAL:	LEAK TEST FIXTURE ASSEMBLY		THIRD ANGLE PROJECTION 	
	NEXT ASSEMBLY:		DRAWN M. ADCOCK	DATE 03-19-08
FINISH:	DO NOT SCALE-USE DIMENSIONS ONLY TOLERANCES UNLESS OTHERWISE SPECIFIED .XX ±0.02 BREAK CORNERS 0.01/0.02 .XXX ±0.005 FILLETS 0.01R MAX .XXXX ±0.0010 ANGLES ± 1°		APPROVED	SCALE 0.750
	TERMAR		DRAWING NUMBER 500-001	REVISION A 03-19-08
			SHEET 2 OF 2	

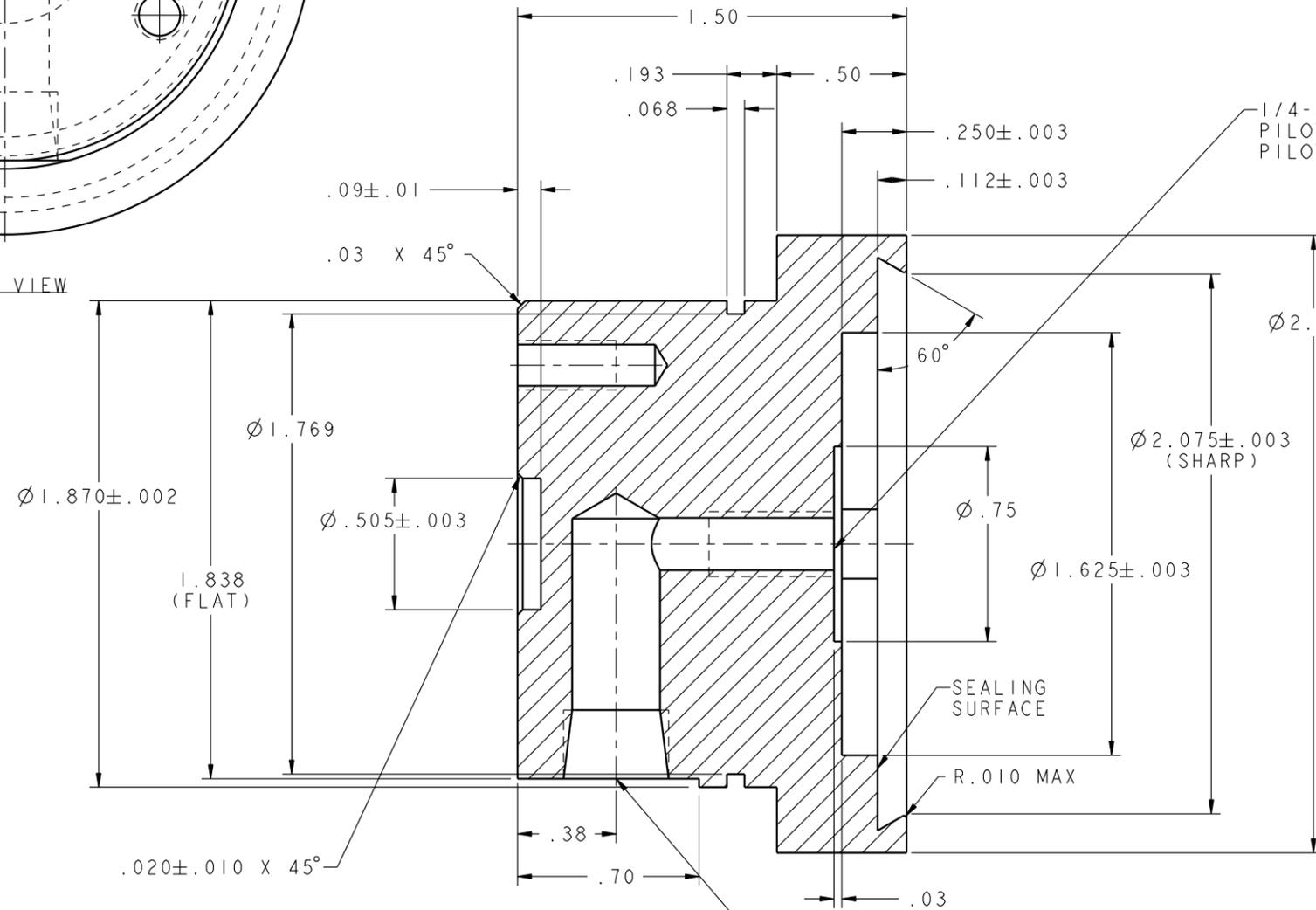


CONTROLS DIAGRAM
 LEAK TEST FIXTURE
 REV 05-21-08

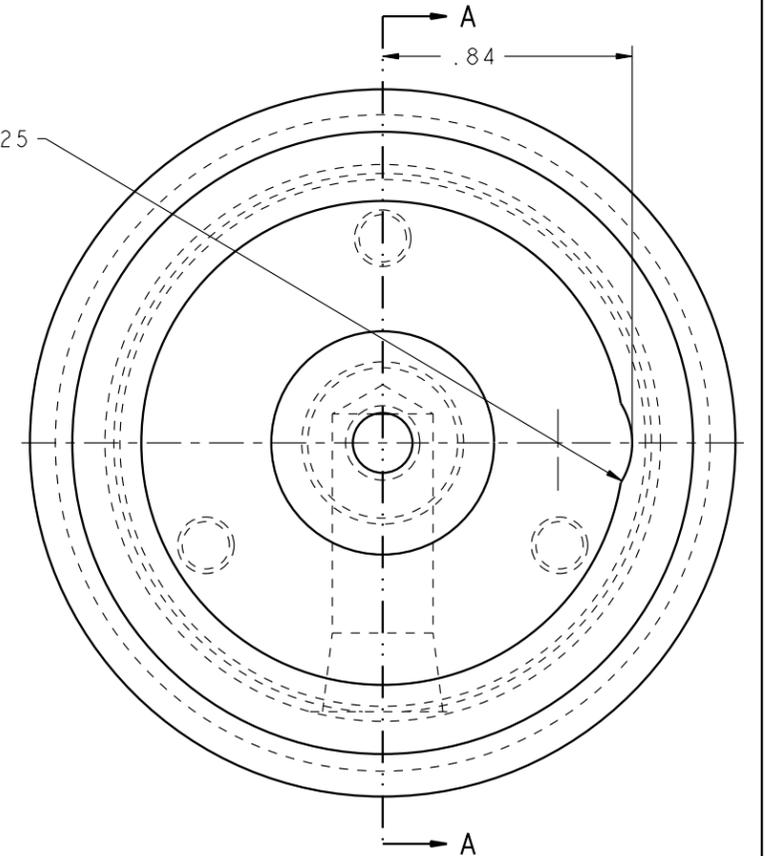
500-001-007
PRESSURE CAP



LEFT END VIEW



SECTION A-A

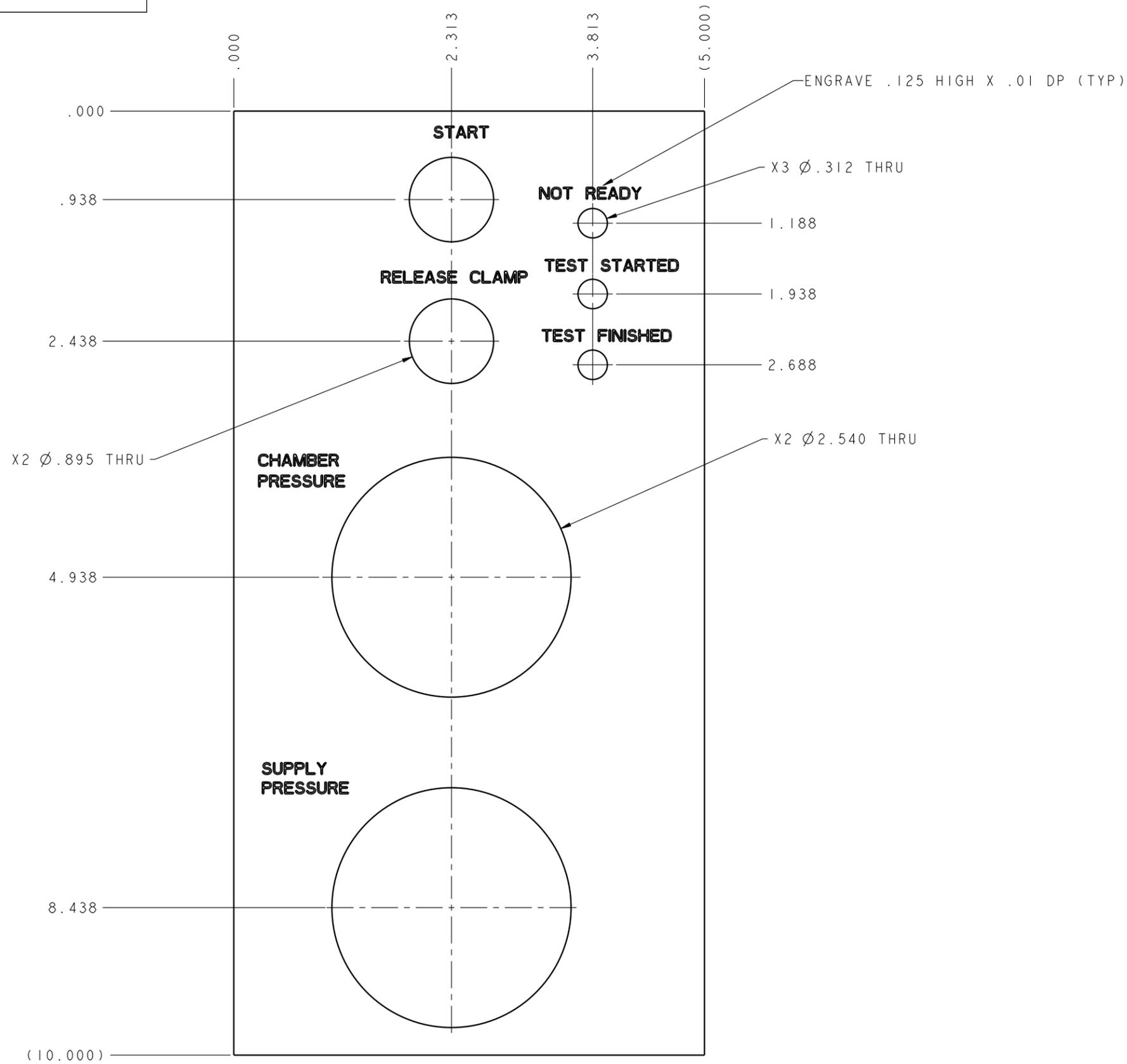


REV	DESCRIPTION	DATE	BY
	REVISION HISTORY		

MATERIAL: 4130 HRC 40 TO 50	FINISH: BLACK OXIDE
-----------------------------------	------------------------

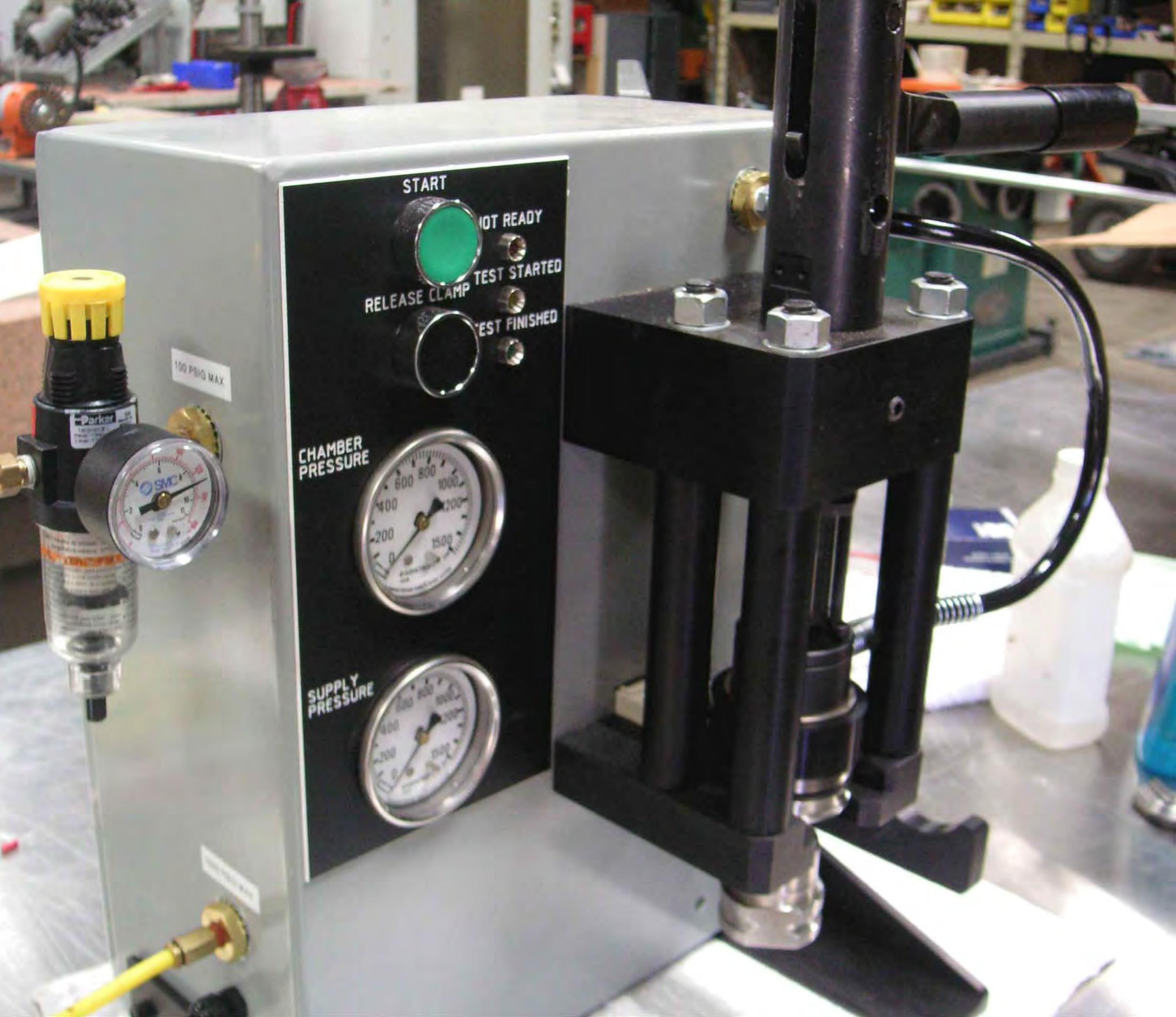
PRESSURE CAP PRESSURE TEST FIXTURE	
NEXT ASSEMBLY: DO NOT SCALE-USE DIMENSIONS ONLY	
TOLERANCES UNLESS OTHERWISE SPECIFIED .XX ±0.02 BREAK CORNERS 0.01/0.02 .XXX ±0.005 FILLETS 0.01R MAX .XXXX ±0.0010 ANGLES ± 1°	
TERMAR	

THIRD ANGLE PROJECTION	
DRAWN M. ADCOCK	DATE 03-17-08
APPROVED	SCALE 3.500
DRAWING NUMBER 500-001-007	
REVISION B 03-27-08	SHEET 1 OF 1



REV	DESCRIPTION	DATE	BY
REVISION HISTORY			

MATERIAL: MAKE FROM McMASTER CARR 85915T35 BLACK WITH WHITE CORE	NAMEPLATE LEAK TEST FIXTURE	THIRD ANGLE PROJECTION	
	NEXT ASSEMBLY: DO NOT SCALE-USE DIMENSIONS ONLY	DRAWN M. ADCOCK	DATE 05-05-08
FINISH:	TOLERANCES UNLESS OTHERWISE SPECIFIED .XX ±0.02 BREAK CORNERS 0.01/0.02 .XXX ±0.005 FILLETS 0.01R MAX .XXXX ±0.0010 ANGLES ± 1°	APPROVED	SCALE 1.750
	TERMAR	DRAWING NUMBER 500-001-018	REVISION A 05-05-08
		SHEET 1 OF 1	



START

NOT READY

TEST STARTED

TEST FINISHED

CHAMBER
PRESSURE

SUPPLY
PRESSURE

100 PSIG MAX

Parker