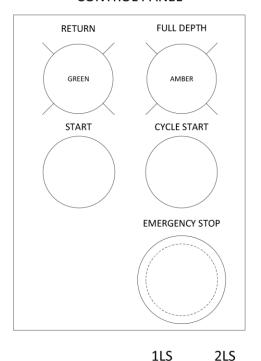


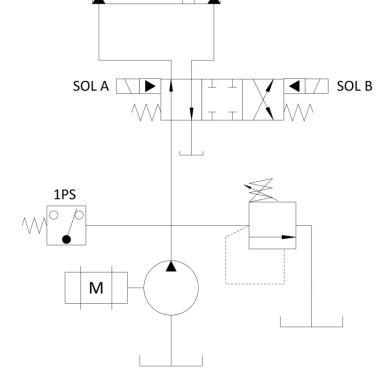
CONTROL PANEL



2LS

I/O POINTS

00013/00	SOL A ADVANCE
00013/01	SOL B RETURN
O0013/02	1LT UNIT RETURNED
00013/03	2LT UNIT FULL DEPTH
1002/00	1LS N.O. UNIT RETURNED
1002/01	2LS N.O. UNIT FULL DEPTH
1002/02	1PS N.O. PRESSURE SWITCH
1002/03	START P.B. N.O.
1002/04	E-STOP P.B. N.C.
1002/05	CYCLE START P.B. N.O.



EXERCISE 2 - UNIT WON'T RETURN









Multi-State Advanced Manufacturing Consortium

US DOL SPONSORED TAACCCT GRANT: TC23767 PAG
PRIMARY DEVELOPER: Glenn Wisniewski – Henry Ford College

Integrated Manufacturing Systems Troubleshooting (IMST) Level 1

Attachment 1-17
EXERCISE 2 – CIRCUIT

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