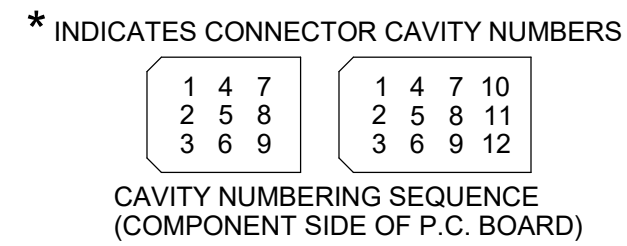


# NA-4 W/CURRENT CONTROL RHEOSTAT WIRING DIAGRAM L6489-1 REV-A

- N.A. WHEN START P.C. BOARD IS INSTALLED, JUMPER CONNECTOR "A" IS REMOVED.
- N.B. THESE LEADS ARE NOT PRESENT ON LOGIC P.C. BOARDS WITH DIP SWITCHES.
- N.C. 531-532 115VAC; 531-25 115VAC (SWITCHED) - 250 VA
- N.D. 87-531 115VAC - 1/2A SWITCHED.
- N.E. ON EARLIER UNITS, LEAD #689 WAS LOCATED BETWEEN #31 and #67 (FORMERLY #5), LEAD #310 WAS LOCATED BETWEEN #87 & #32, AND LEAD #31 WAS LOCATED NEXT TO #81. CAREFULLY NOTE LEAD POSITIONS BEFORE MAKING ANY CONNECTIONS TO TERMINAL STRIP.
- N.F. JUMPER LEAD TO BE CONNECTED TO PIN "H" AT ALL TIMES. UNIT SHIPPED WITH LEAD IN THIS POSITION.
- N.G. THIS FUSE NOT PRESENT ON EARLIER CONTROL P.C. BOARD MODELS.

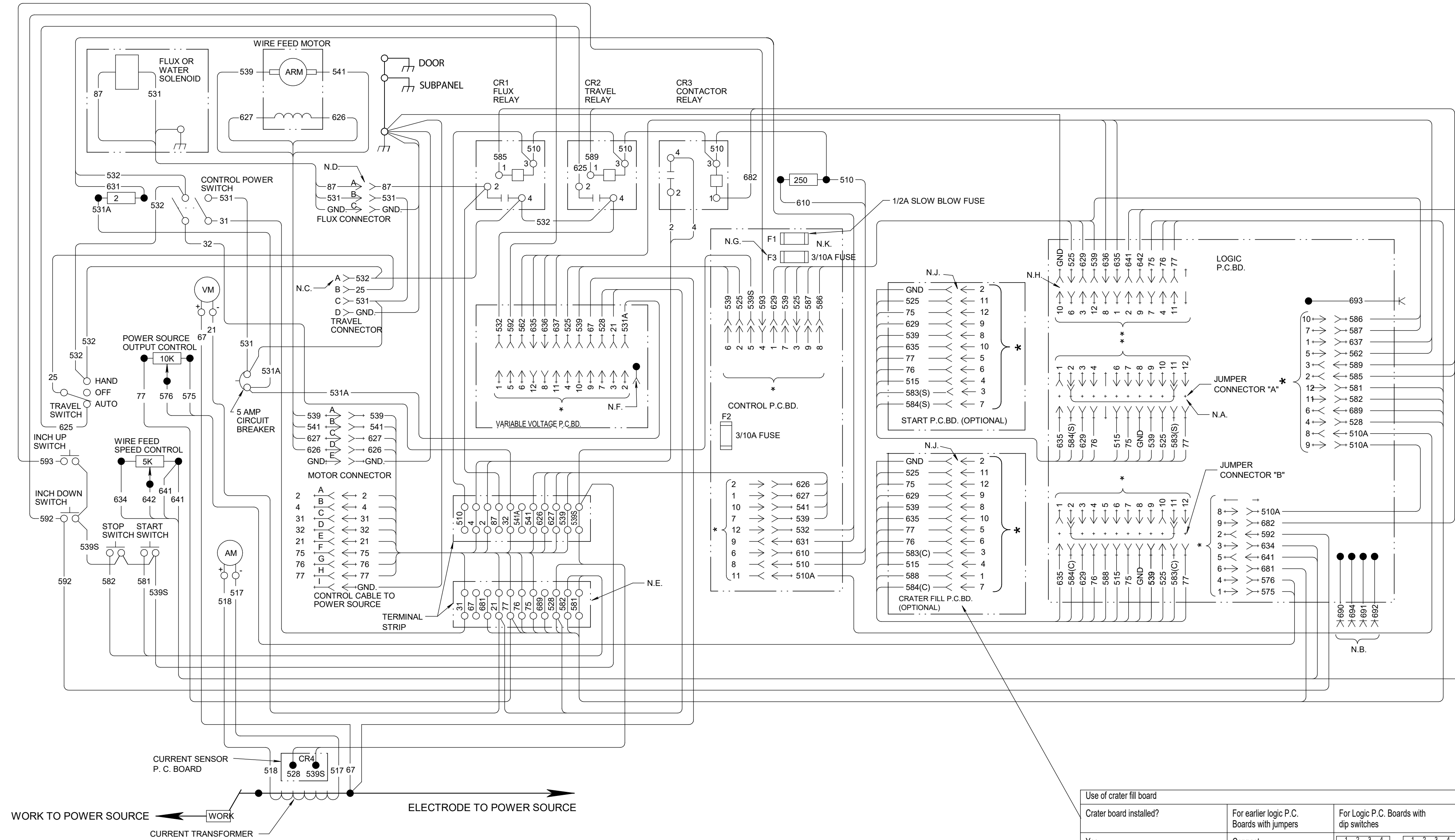
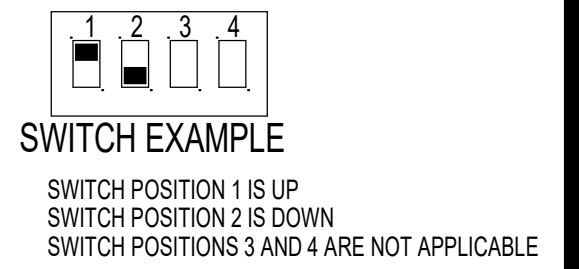
- N.H. THIS LEAD PRESENT ON CODE 10318 AND HIGHER.
- N.J. THESE LEADS ARE NOT PRESENT ON EARLIER START AND CRATER FILL P.C. BOARDS.
- N.K. ALL FUSES WERE REPLACED WITH PTC RESETTABLE FUSES ON LATER CONTROL P.C. BOARDS.



▲ NA-4 SHIPPED WITH LOGIC P.C. BOARD SET FOR INDICATED MODE OF TRAVEL AND BURNBACK.

Methods of Travel	For earlier logic P.C. Boards with jumpers	For Logic P.C. Boards with dip switches																
Start/stop with switches ▲	Connect Lead #691 to P6 Lead #692 to P5	<table border="1" style="display: inline-table; margin-right: 10px;"> <tr><td>1</td><td>2</td><td>3</td><td>4</td></tr> <tr><td>SWITCH #1</td><td></td><td></td><td></td></tr> </table> <table border="1" style="display: inline-table;"> <tr><td>1</td><td>2</td><td>3</td><td>4</td></tr> <tr><td>SWITCH #2</td><td></td><td></td><td></td></tr> </table>	1	2	3	4	SWITCH #1				1	2	3	4	SWITCH #2			
1	2	3	4															
SWITCH #1																		
1	2	3	4															
SWITCH #2																		
Start/stop with current	Connect Lead #691 to P6 Lead #692 to P7	<table border="1" style="display: inline-table; margin-right: 10px;"> <tr><td>1</td><td>2</td><td>3</td><td>4</td></tr> <tr><td>SWITCH #1</td><td></td><td></td><td></td></tr> </table> <table border="1" style="display: inline-table;"> <tr><td>1</td><td>2</td><td>3</td><td>4</td></tr> <tr><td>SWITCH #2</td><td></td><td></td><td></td></tr> </table>	1	2	3	4	SWITCH #1				1	2	3	4	SWITCH #2			
1	2	3	4															
SWITCH #1																		
1	2	3	4															
SWITCH #2																		
Start with current Stop with stop switch	Connect Lead #691 to P5 Lead #692 to P7	<table border="1" style="display: inline-table; margin-right: 10px;"> <tr><td>1</td><td>2</td><td>3</td><td>4</td></tr> <tr><td>SWITCH #1</td><td></td><td></td><td></td></tr> </table> <table border="1" style="display: inline-table;"> <tr><td>1</td><td>2</td><td>3</td><td>4</td></tr> <tr><td>SWITCH #2</td><td></td><td></td><td></td></tr> </table>	1	2	3	4	SWITCH #1				1	2	3	4	SWITCH #2			
1	2	3	4															
SWITCH #1																		
1	2	3	4															
SWITCH #2																		
Start with start switch Stop after crater fill (Crater fill board installed)	Connect Lead #691 to P8 Lead #692 to P9	<table border="1" style="display: inline-table; margin-right: 10px;"> <tr><td>1</td><td>2</td><td>3</td><td>4</td></tr> <tr><td>SWITCH #1</td><td></td><td></td><td></td></tr> </table> <table border="1" style="display: inline-table;"> <tr><td>1</td><td>2</td><td>3</td><td>4</td></tr> <tr><td>SWITCH #2</td><td></td><td></td><td></td></tr> </table>	1	2	3	4	SWITCH #1				1	2	3	4	SWITCH #2			
1	2	3	4															
SWITCH #1																		
1	2	3	4															
SWITCH #2																		

Methods of Burnback	For earlier logic P.C. Boards with jumpers	For Logic P.C. Boards with dip switches																
Wire feed stop & contactor delay ▲	Connect Lead #693 to P3 Lead #690 to P4	<table border="1" style="display: inline-table; margin-right: 10px;"> <tr><td>1</td><td>2</td><td>3</td><td>4</td></tr> <tr><td>SWITCH #1</td><td></td><td></td><td></td></tr> </table> <table border="1" style="display: inline-table;"> <tr><td>1</td><td>2</td><td>3</td><td>4</td></tr> <tr><td>SWITCH #2</td><td></td><td></td><td></td></tr> </table>	1	2	3	4	SWITCH #1				1	2	3	4	SWITCH #2			
1	2	3	4															
SWITCH #1																		
1	2	3	4															
SWITCH #2																		
Inch up & contactor delay	Connect Lead #693 to P1 Lead #690 to P4	<table border="1" style="display: inline-table; margin-right: 10px;"> <tr><td>1</td><td>2</td><td>3</td><td>4</td></tr> <tr><td>SWITCH #1</td><td></td><td></td><td></td></tr> </table> <table border="1" style="display: inline-table;"> <tr><td>1</td><td>2</td><td>3</td><td>4</td></tr> <tr><td>SWITCH #2</td><td></td><td></td><td></td></tr> </table>	1	2	3	4	SWITCH #1				1	2	3	4	SWITCH #2			
1	2	3	4															
SWITCH #1																		
1	2	3	4															
SWITCH #2																		
Inch up & no contactor delay	Connect Lead #693 to P1 Lead #690 to P2	<table border="1" style="display: inline-table; margin-right: 10px;"> <tr><td>1</td><td>2</td><td>3</td><td>4</td></tr> <tr><td>SWITCH #1</td><td></td><td></td><td></td></tr> </table> <table border="1" style="display: inline-table;"> <tr><td>1</td><td>2</td><td>3</td><td>4</td></tr> <tr><td>SWITCH #2</td><td></td><td></td><td></td></tr> </table>	1	2	3	4	SWITCH #1				1	2	3	4	SWITCH #2			
1	2	3	4															
SWITCH #1																		
1	2	3	4															
SWITCH #2																		



Use of crater fill board	For earlier logic P.C. Boards with jumpers	For Logic P.C. Boards with dip switches																
Crater board installed?																		
Yes (Remove jumper connector "B" from 584(c) to 583(c))	Connect Lead #694 to P10	<table border="1" style="display: inline-table; margin-right: 10px;"> <tr><td>1</td><td>2</td><td>3</td><td>4</td></tr> <tr><td>SWITCH #1</td><td></td><td></td><td></td></tr> </table> <table border="1" style="display: inline-table;"> <tr><td>1</td><td>2</td><td>3</td><td>4</td></tr> <tr><td>SWITCH #2</td><td></td><td></td><td></td></tr> </table>	1	2	3	4	SWITCH #1				1	2	3	4	SWITCH #2			
1	2	3	4															
SWITCH #1																		
1	2	3	4															
SWITCH #2																		
No (Install jumper connector "B" from 584(c) to 583(c))	Connect Lead #694 to P8	<table border="1" style="display: inline-table; margin-right: 10px;"> <tr><td>1</td><td>2</td><td>3</td><td>4</td></tr> <tr><td>SWITCH #1</td><td></td><td></td><td></td></tr> </table> <table border="1" style="display: inline-table;"> <tr><td>1</td><td>2</td><td>3</td><td>4</td></tr> <tr><td>SWITCH #2</td><td></td><td></td><td></td></tr> </table>	1	2	3	4	SWITCH #1				1	2	3	4	SWITCH #2			
1	2	3	4															
SWITCH #1																		
1	2	3	4															
SWITCH #2																		