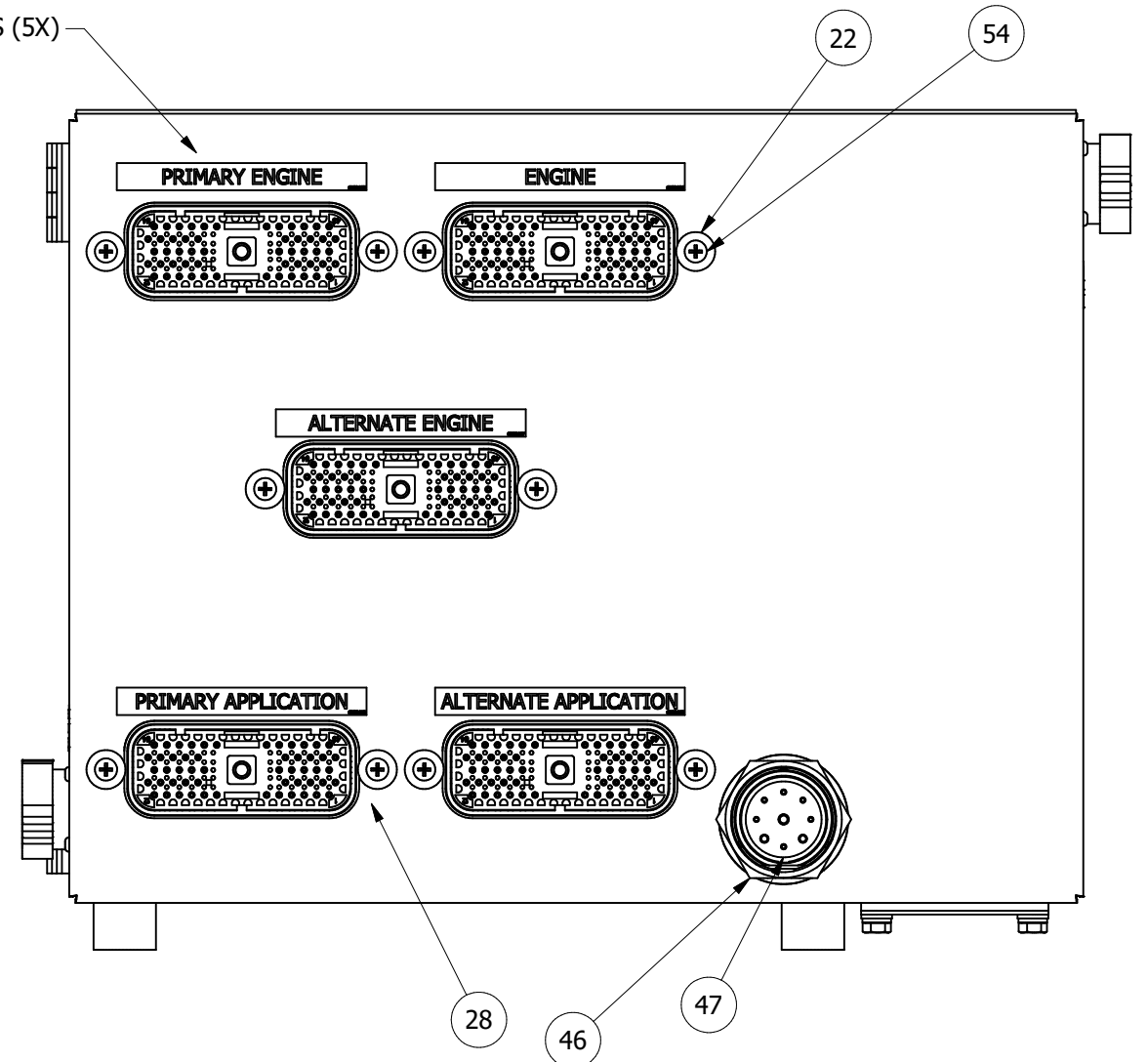
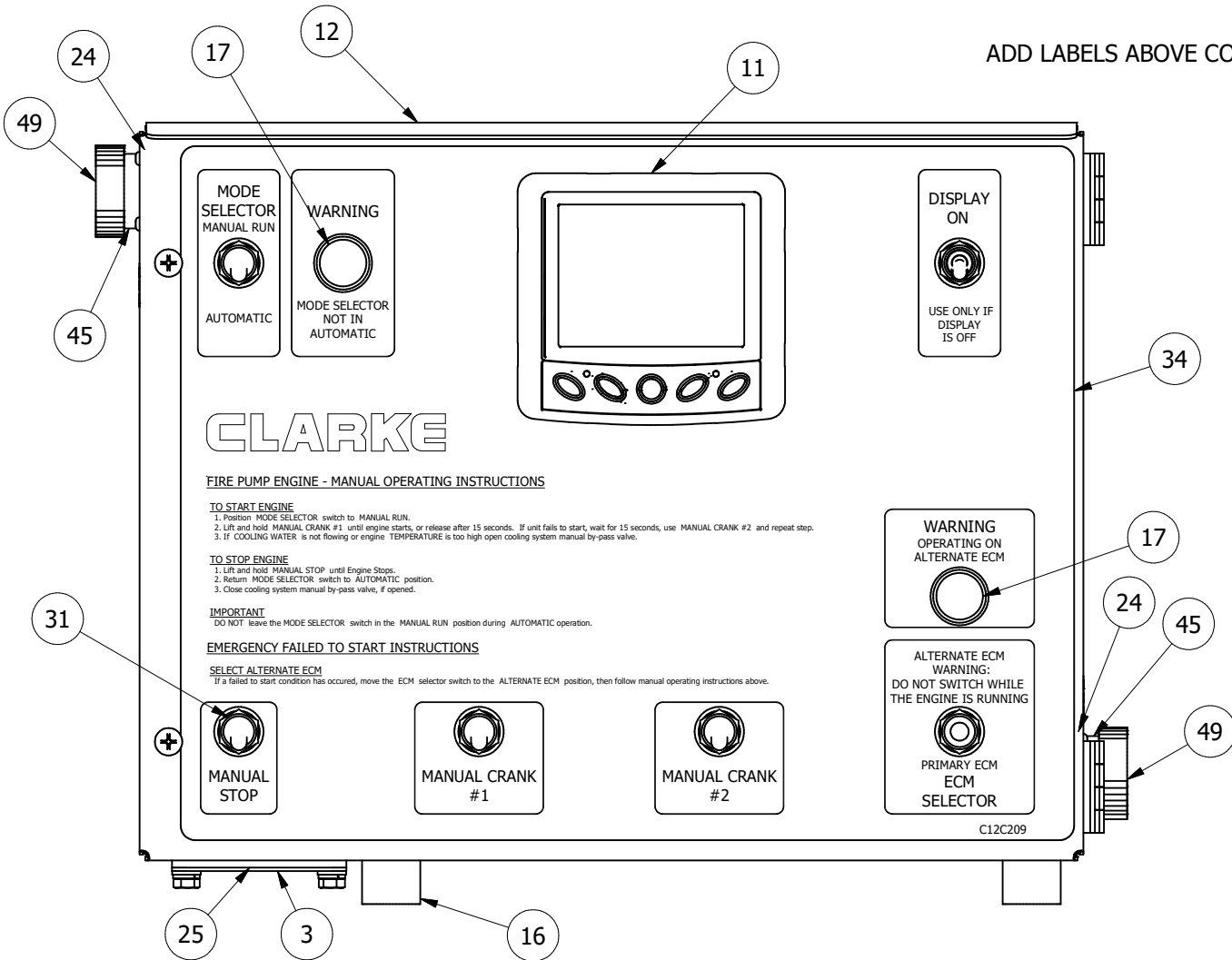


REV	DESCRIPTION	ECN#	DWN	APVD	DATE
A	ISSUED ENGINEERING DRAWING	5656	MJD	<i>MJD</i>	01JUL20



ITEM	CLARKE P/N	QTY	DESCRIPTION	ITEM	CLARKE P/N	QTY	DESCRIPTION
3	C071227	1	COVER, BOTTOM FACE	28	C126026	5	GASKET, 54 PIN CONNECTOR
11	C072670	1	POWerview PV380	31	C12881	9	BOOT, TOGGLE SWITCH
12	C072735	1	ASSM, FABRICATED INSTRUMENT PANEL BOX T3 PV380	34	C12C209	1	OPERATING INSTRUCTION LABEL, TIER 3 INSTRUMENT PANEL - PV380
16	C07589	4	ISOLATOR	45	HD10-9-96P	2	9 PIN CONNECTOR
17	C07945	2	LAMP, PILOT, 24V	46	112263-90	1	NUT
20	C10438	1	BRACKET, HARNESS SUPPORT	47	HD34-24-9PN	1	9 PIN CONNECTOR
22	C125810	10	RUBBER CUP WASHER	48	112264	1	COILED LOCK WASHER
24	C126005	2	GASKET, DIAGNOSTIC CONNECTOR	49	HDC16-9	2	DUST CAP, GRAY
25	C126007	1	GASKET, GLAND PLATE	54	---	10	BUTTON HEAD SCREW, #10-32 X 1"

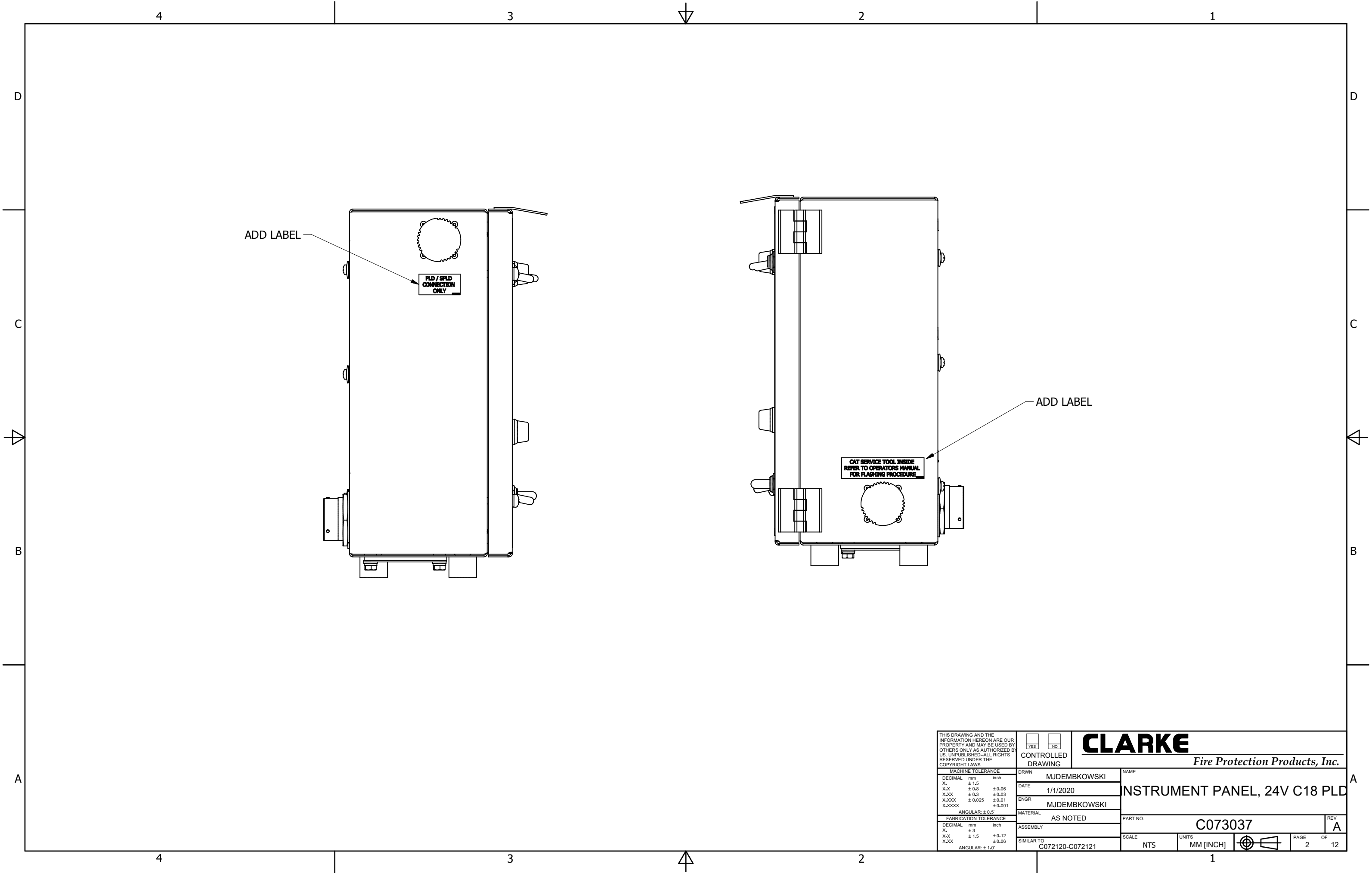
NOTES:

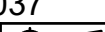
1) ALL WIRE TO BE GXL

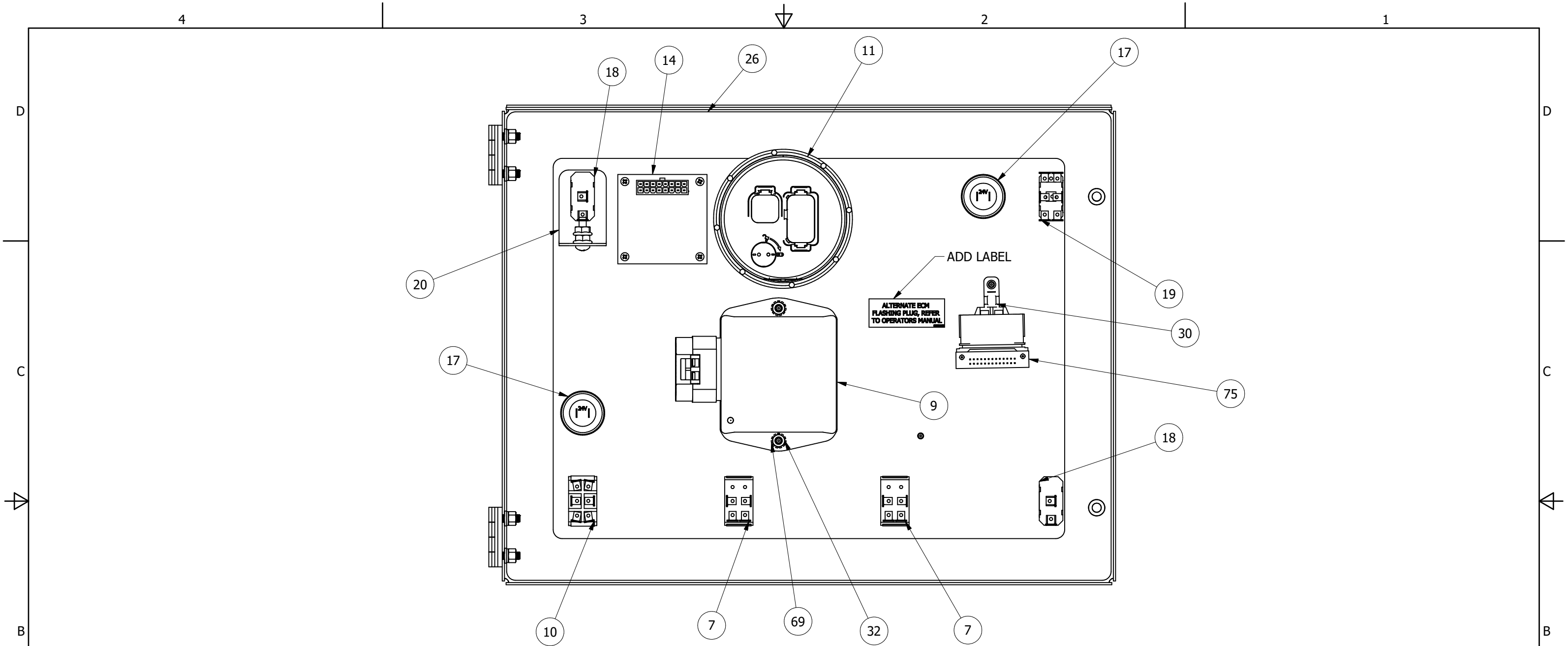
CONTROLLED DRAWING

THIS IS A REGISTERED PART WITH A THIRD PARTY AGENCY FOR USE ON A PRODUCT. NO SUBSTITUTIONS ARE ALLOWED. CONSULT ENGINEERING PRIOR TO AND REGARDING ANY CHANGE.

THIS DRAWING AND THE INFORMATION HEREON ARE OUR PROPERTY AND MAY BE USED BY OTHERS ONLY AS AUTHORIZED BY US. UNPUBLISHED--ALL RIGHTS RESERVED UNDER THE COPYRIGHT LAWS	☒ YES ☐ NO	CONTROLLED DRAWING	CLARKE Fire Protection Products, Inc.																																								
MACHINE TOLERANCE <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">DECIMAL</td> <td style="width: 15%;">mm</td> <td style="width: 15%;">inch</td> <td style="width: 55%;"></td> </tr> <tr> <td>X.</td> <td>± 1.5</td> <td></td> <td></td> </tr> <tr> <td>X-X</td> <td>± 0.8</td> <td></td> <td>± 0.06</td> </tr> <tr> <td>X-XX</td> <td>± 0.3</td> <td></td> <td>± 0.03</td> </tr> <tr> <td>X-XXX</td> <td>± 0.025</td> <td></td> <td>± 0.01</td> </tr> <tr> <td>X-XXXX</td> <td></td> <td></td> <td>± 0.001</td> </tr> </table> ANGULAR: ± 0.5° FABRICATION TOLERANCE <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">DECIMAL</td> <td style="width: 15%;">mm</td> <td style="width: 15%;">inch</td> <td style="width: 55%;"></td> </tr> <tr> <td>X.</td> <td>± 3</td> <td></td> <td></td> </tr> <tr> <td>X-X</td> <td>± 1.5</td> <td></td> <td>± 0.06</td> </tr> <tr> <td>X-XX</td> <td></td> <td></td> <td>± 0.06</td> </tr> </table> ANGULAR: ± 1.0°	DECIMAL	mm	inch		X.	± 1.5			X-X	± 0.8		± 0.06	X-XX	± 0.3		± 0.03	X-XXX	± 0.025		± 0.01	X-XXXX			± 0.001	DECIMAL	mm	inch		X.	± 3			X-X	± 1.5		± 0.06	X-XX			± 0.06	DRAWN MJDEMBKOWSKI DATE 1/1/2020 ENGR MJDEMBKOWSKI MATERIAL AS NOTED ASSEMBLY SIMILAR TO C072120-C072121	NAME INSTRUMENT PANEL, 24V C18 PLD PART NO. C073037 SCALE NTS UNITS MM [INCH] PAGE 1 OF 12	REV A
DECIMAL	mm	inch																																									
X.	± 1.5																																										
X-X	± 0.8		± 0.06																																								
X-XX	± 0.3		± 0.03																																								
X-XXX	± 0.025		± 0.01																																								
X-XXXX			± 0.001																																								
DECIMAL	mm	inch																																									
X.	± 3																																										
X-X	± 1.5		± 0.06																																								
X-XX			± 0.06																																								



THIS DRAWING AND THE INFORMATION HEREON ARE OUR PROPERTY AND MAY BE USED BY OTHERS ONLY AS AUTHORIZED BY US. UNPUBLISHED--ALL RIGHTS RESERVED UNDER THE COPYRIGHT LAWS			☐ YES ☐ NO		CLARKE									
			CONTROLLED DRAWING		Fire Protection Products, Inc.									
MACHINE TOLERANCE			DRWN	MJDEMBKOWSKI		NAME	INSTRUMENT PANEL, 24V C18 PLD							
DECIMAL mm inch			DATE	1/1/2020										
X. ± 1.5 ± 0.06			ENGR	MJDEMBKOWSKI										
X.X ± 0.8 ± 0.03														
X.XX ± 0.3 ± 0.01														
X.XXX ± 0.025 ± 0.001														
X.XXXX ± 0.001														
ANGULAR: ± 0.5														
FABRICATION TOLERANCE			MATERIAL	AS NOTED		PART NO.	C073037							
DECIMAL mm inch			ASSEMBLY			SCALE	NITS	UNITS	MM [INCH]		PAGE	2	OF	12
X. ± 3 ± 0.12			SIMILAR TO	C072120-C072121										
X.X ± 1.5 ± 0.06														
X.XX ± 0.06														
ANGULAR: ± 1.0														



ITEM	CLARKE P/N	QTY	DESCRIPTION
7	C071479	2	TOGGLE SWITCH, DPST, OFF - MOM. ON
9	C072102	1	Control Module, BASE
10	C072129	3	TOGGLE SWITCH, DPDT, MOM. ON - MOM. ON
11	C072670	1	POWerview PV380
14	C072833	1	VOLTAGE DIVIDER
17	C07945	2	LAMP, PILOT, 24V
18	C07955	2	TOGGLE SWITCH, OFF-MOM. ON, SPST
19	C07956	1	TOGGLE SWITCH, ON-ON ,DPDT
20	C10438	1	BRACKET, HARNESS SUPPORT
26	C126012	1	GASKET, NEOPRENE, INSTRUMENT PANEL BOX TO COVER
30	C126034	3	CABLE TIE MOUNT, 4 WAY SCREW
32	C128895	2	NUT, STEEL, CLASS 8.8 ZINC PLATED HEX - M5 x 0.8
35	C12C974	4	MACHINE SCREW, #4-40 X 3/16", NYLON (McMaster 93135A271)
69	Washer GB/T 9407.28-1988 5	2	Serrated lock washer external teeth for assembly
75	C072893	1	CAT ALTERNATE ECU ADAPTER

THIS DRAWING AND THE INFORMATION HEREON ARE OUR PROPERTY AND MAY BE USED BY OTHERS ONLY AS AUTHORIZED BY US. UNPUBLISHED--ALL RIGHTS RESERVED UNDER THE COPYRIGHT LAWS

MACHINE TOLERANCE		
DECIMAL	mm	inch
X.	± 1.5	± 0.06
X.X	± 0.8	± 0.03
X.XX	± 0.3	± 0.01
X.XXX	± 0.025	± 0.001
X.XXXX	± 0.01	± 0.0001
ANGULAR: ± 0.5°		
FABRICATION TOLERANCE		
DECIMAL	mm	inch
X.	± 3	± 0.12
X.X	± 1.5	± 0.06
X.XX	± 0.75	± 0.03
ANGULAR: ± 1.0°		

YES

NO

CONTROLLED DRAWING

DRWN MJDEMBKOWSKI

DATE 1/1/2020

ENGR MJDEMBKOWSKI

MATERIAL AS NOTED

ASSEMBLY

SIMILAR TO C072120-C072121

NAME

NSTRUMENT PANEL, 24V C18 PLD

PART NO. C073037

SCALE NTS

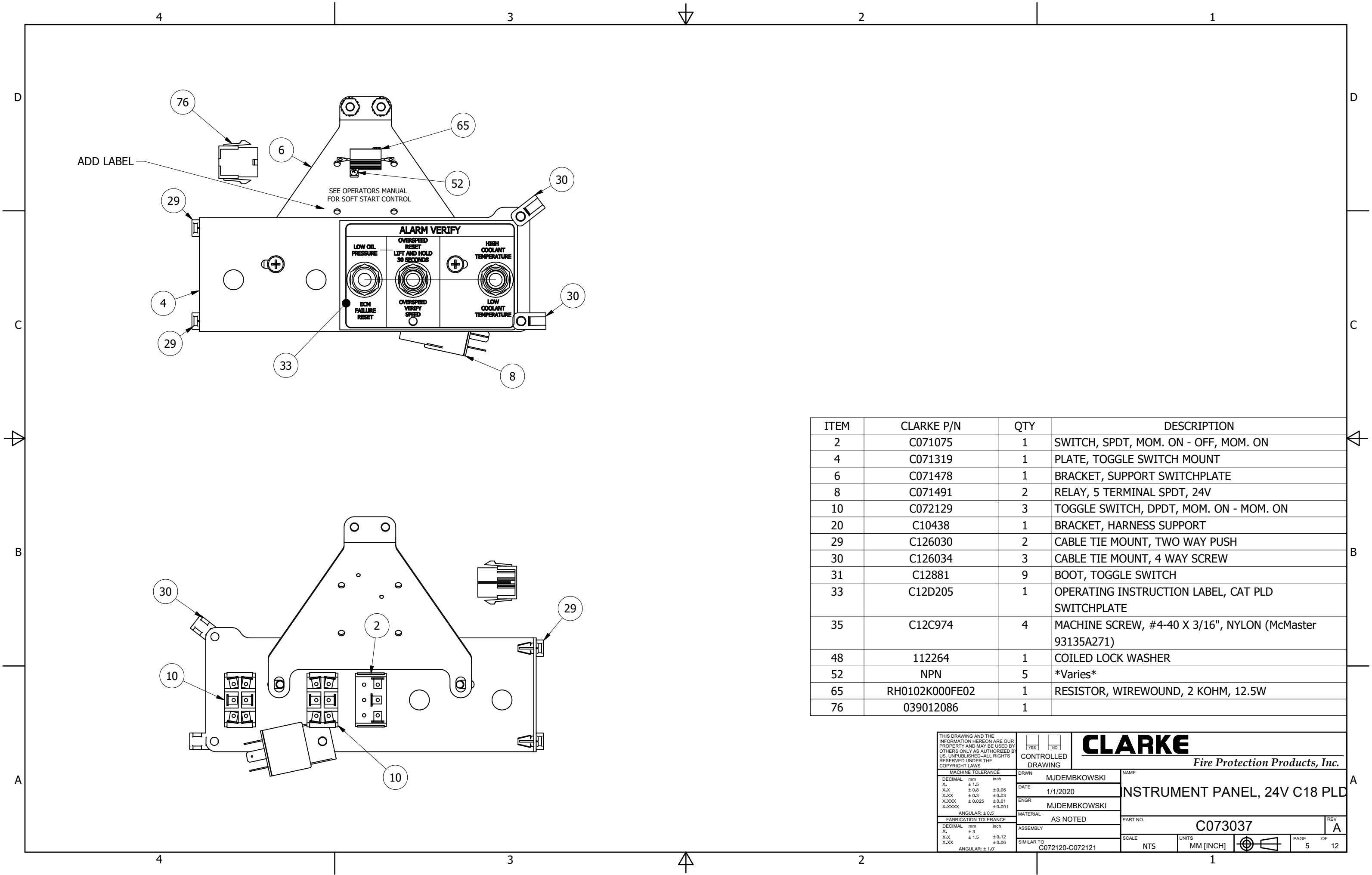
UNITS MM [INCH]

REV A

PAGE 3 OF 12

CLARKE

Fire Protection Products, Inc.



ITEM	CLARKE P/N	QTY	DESCRIPTION
2	C071075	1	SWITCH, SPDT, MOM. ON - OFF, MOM. ON
4	C071319	1	PLATE, TOGGLE SWITCH MOUNT
6	C071478	1	BRACKET, SUPPORT SWITCHPLATE
8	C071491	2	RELAY, 5 TERMINAL SPDT, 24V
10	C072129	3	TOGGLE SWITCH, DPDT, MOM. ON - MOM. ON
20	C10438	1	BRACKET, HARNESS SUPPORT
29	C126030	2	CABLE TIE MOUNT, TWO WAY PUSH
30	C126034	3	CABLE TIE MOUNT, 4 WAY SCREW
31	C12881	9	BOOT, TOGGLE SWITCH
33	C12D205	1	OPERATING INSTRUCTION LABEL, CAT PLD SWITCHPLATE
35	C12C974	4	MACHINE SCREW, #4-40 X 3/16", NYLON (McMaster 93135A271)
48	112264	1	COILED LOCK WASHER
52	NPN	5	*Varies*
65	RH0102K000FE02	1	RESISTOR, WIREWOUND, 2 KOHM, 12.5W
76	039012086	1	

THIS DRAWING AND THE INFORMATION HEREON ARE OUR PROPERTY AND MAY BE USED BY OTHERS ONLY AS AUTHORIZED BY US. UNPUBLISHED--ALL RIGHTS RESERVED UNDER THE COPYRIGHT LAWS		YES ☐ NO ☐	CLARKE Fire Protection Products, Inc.	
MACHINE TOLERANCE		DRWN	NAME	
DECIMAL mm inch		MJD		INSTRUMENT PANEL, 24V C18 PLD
X. ± 1.5 ± 0.06		DATE	1/1/2020	
X.X ± 0.8 ± 0.03		ENGR	MJD	
X.XX ± 0.3 ± 0.01		AS NOTED		
X.XXX ± 0.025 ± 0.001		MATERIAL		PART NO.
X.XXXX ± 0.005 ± 0.0001		FABRICATION TOLERANCE		C073037
DECIMAL mm inch		ASSEMBLY		REV
X. ± 3 ± 0.12		C072120-C072121		A
X.X ± 1.5 ± 0.06		SCALE		NTS
X.XX ± 0.06 ± 0.001		UNITS		MM [INCH]
ANGULAR: ± 1.0°		PAGE		5
		OF		12

4				3				2				1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
<table><tr><th>Wire #</th><th>Wire Color</th><th>Length</th><th>Wire AWG</th><th>Start Location</th><th>Start Terminal</th><th>Start Connector</th><th>End Location</th><th>End Terminal</th><th>End Connector</th><th>Splice Detail</th></tr><tr><td>L-701</td><td>GREY</td><td>6</td><td>16</td><td>18 BLOCK 1</td><td>ULTRA SONIC WELD</td><td></td><td>17 POST 1</td><td>BLUE FEMALE SLIP SPADE</td><td></td><td></td></tr><tr><td>L-701D</td><td>GREY</td><td>18</td><td>16</td><td>18 BLOCK 1</td><td>ULTRA SONIC WELD</td><td></td><td>25 PIN 1</td><td>60619-1</td><td>1-480270-0 AMP</td><td></td></tr><tr><td>K-702</td><td>BROWN</td><td>9</td><td>16</td><td>18 BLOCK 2</td><td rowspan="2">ULTRA SONIC WELD</td><td></td><td>SPLICE</td><td>(SPLICE AT DIODE)</td><td></td><td>15</td></tr><tr><td>K-702A</td><td>BROWN</td><td>4</td><td>16</td><td>18 BLOCK 2</td><td></td><td>SPLICE</td><td>(SPLICE AT DIODE)</td><td></td><td>15</td></tr><tr><td>K-702C</td><td>BROWN</td><td>8</td><td>16</td><td>25 PIN 2</td><td></td><td>60619-1</td><td>1-480270-0 AMP</td><td>SPLICE</td><td>(SPLICE AT DIODE)</td><td>15</td></tr><tr><td>K-702D</td><td>BROWN</td><td>12</td><td>16</td><td>36 POST 85</td><td>BLUE FEMALE SLIP SPADE</td><td></td><td>SPLICE</td><td>(SPLICE AT DIODE)</td><td></td><td>15</td></tr><tr><td>K-702E</td><td>BROWN</td><td>4</td><td>16</td><td>17 POST 3</td><td>BLUE FEMALE SLIP SPADE</td><td></td><td>SPLICE</td><td>(SPLICE AT DIODE)</td><td></td><td>15</td></tr><tr><td>G-703B</td><td>BLUE</td><td>6</td><td>16</td><td>18 BLOCK 3</td><td>ULTRA SONIC WELD</td><td></td><td>39 POST 87</td><td>BLUE FEMALE SLIP SPADE</td><td></td><td></td></tr><tr><td>C-704</td><td>ORANGE</td><td>18</td><td>16</td><td>18 BLOCK 4</td><td rowspan="2">ULTRA SONIC WELD</td><td></td><td>25 PIN 4</td><td>60619-1</td><td>1-480270-0 AMP</td><td>29</td></tr><tr><td>C-704A</td><td>ORANGE</td><td>21</td><td>16</td><td>18 BLOCK 4</td><td></td><td>36 POST 87a</td><td>BLUE FEMALE SLIP SPADE</td><td></td><td>29</td></tr><tr><td>G-705</td><td>BLUE</td><td>18</td><td>16</td><td>18 BLOCK 5</td><td>ULTRA SONIC WELD</td><td></td><td>25 PIN 5</td><td>60619-1</td><td>1-480270-0 AMP</td><td></td></tr><tr><td>B-706A</td><td>RED</td><td>45</td><td>14</td><td>18 BLOCK 6-3</td><td rowspan="2">ULTRA SONIC WELD</td><td></td><td>9 MIDDLE RIGHT POST</td><td>90* YELLOW FEMALE SLIP SPADE</td><td></td><td>1</td></tr><tr><td>B-706D</td><td>RED</td><td>11.5</td><td>10</td><td>18 BLOCK 6-3</td><td></td><td>19 PIN S</td><td>0460-204-08141</td><td>HD36-24-9SN Deutsch</td><td>1</td></tr><tr><td>B-706B</td><td>RED</td><td>9</td><td>12</td><td>18 BLOCK 6-4</td><td rowspan="2">ULTRA SONIC WELD</td><td></td><td>16 POST 3</td><td>YELLOW FEMALE SLIP SPADE</td><td></td><td>16</td></tr><tr><td>B-706C</td><td>RED</td><td>11</td><td>12</td><td>18 BLOCK 6-4</td><td></td><td>15 POST 3</td><td>BLUE FEMALE SLIP SPADE</td><td></td><td>16</td></tr><tr><td>A-708A</td><td>WHITE</td><td>41</td><td>14</td><td>18 BLOCK 8-3</td><td rowspan="2">ULTRA SONIC WELD</td><td></td><td>8 MIDDLE RIGHT POST</td><td>90* YELLOW FEMALE SLIP SPADE</td><td></td><td>2</td></tr><tr><td>A-708D</td><td>WHITE</td><td>11</td><td>10</td><td>18 BLOCK 8-3</td><td></td><td>19 PIN U</td><td>0460-204-08141</td><td>HD36-24-9SN Deutsch</td><td>2</td></tr><tr><td>A-708B</td><td>WHITE</td><td>11</td><td>12</td><td>18 BLOCK 8-4</td><td rowspan="2">ULTRA SONIC WELD</td><td></td><td>16 POST 1</td><td>YELLOW FEMALE SLIP SPADE</td><td></td><td>17</td></tr><tr><td>A-708C</td><td>WHITE</td><td>12</td><td>12</td><td>18 BLOCK 8-4</td><td></td><td>15 POST 1</td><td>YELLOW FEMALE SLIP SPADE</td><td></td><td>17</td></tr><tr><td>D-709A</td><td>YELLOW</td><td>44</td><td>14</td><td>18 BLOCK 9</td><td rowspan="2">ULTRA SONIC WELD</td><td></td><td>9 BOTTOM RIGHT POST</td><td>90* BLUE FEMALE SLIP SPADE</td><td></td><td>18</td></tr><tr><td>D-709B</td><td>YELLOW</td><td>10</td><td>14</td><td>18 BLOCK 9</td><td></td><td>19 PIN Z</td><td>0460-204-12141</td><td>HD36-24-9SN Deutsch</td><td>18</td></tr><tr><td>E-710A</td><td>GREEN</td><td>40</td><td>14</td><td>18 BLOCK 10</td><td rowspan="2">ULTRA SONIC WELD</td><td></td><td>8 BOTTOM RIGHT POST</td><td>90* BLUE FEMALE SLIP SPADE</td><td></td><td>19</td></tr><tr><td>E-710B</td><td>GREEN</td><td>9.5</td><td>14</td><td>18 BLOCK 10</td><td></td><td>19 PIN V</td><td>0460-204-12141</td><td>HD36-24-9SN Deutsch</td><td>19</td></tr><tr><td>J-711A</td><td>BLACK</td><td>10</td><td>10</td><td>18 BLOCK 11A-3</td><td rowspan="2">ULTRA SONIC WELD</td><td></td><td>19 PIN R</td><td>0460-204-0490</td><td>HD36-24-9SN Deutsch</td><td>20</td></tr><tr><td>J-711D</td><td>BLACK</td><td>15.5</td><td>16</td><td>18 BLOCK 11A-3</td><td></td><td>26 PIN B</td><td>0460-215--16141</td><td>HD10-9-96P Deutsch</td><td>20</td></tr><tr><td>J-711E</td><td>BLACK</td><td>11</td><td>16</td><td>18 BLOCK 11A-3</td><td rowspan="3">ULTRA SONIC WELD</td><td></td><td>17 POST 4</td><td>YELLOW FEMALE SLIP SPADE</td><td></td><td>20</td></tr><tr><td>J-711B</td><td>BLACK</td><td>13</td><td>12</td><td>18 BLOCK 11A-4</td><td></td><td>24 PIN 3</td><td>0462-203-12141</td><td>DT06-4S Deutsch</td><td>21</td></tr><tr><td>J-711C</td><td>BLACK</td><td>13</td><td>12</td><td>18 BLOCK 11A-4</td><td></td><td>24 PIN 4</td><td>0462-203-12141</td><td>DT06-4S Deutsch</td><td>21</td></tr><tr><td>J-711F</td><td>BLACK</td><td>9</td><td>10</td><td>18 BLOCK 11B</td><td>ULTRA SONIC WELD</td><td></td><td>19 PIN R</td><td>0460-204-0490</td><td>HD36-24-9SN Deutsch</td><td>20</td></tr><tr><td>E-474E</td><td>GREEN</td><td>14</td><td>18</td><td>18 BLOCK 302</td><td>ULTRA SONIC WELD</td><td></td><td>25 PIN 6</td><td>60619-1</td><td>1-480270-0 AMP</td><td></td></tr><tr><td>B-305</td><td>RED</td><td>36</td><td>18</td><td>18 BLOCK 305</td><td>ULTRA SONIC WELD</td><td></td><td>38 PIN 2</td><td>0462-201-16141</td><td>DT06-12S Deutsch</td><td></td></tr><tr><td>G-312</td><td>BLUE</td><td>13</td><td>18</td><td>18 BLOCK 312</td><td>ULTRA SONIC WELD</td><td></td><td>22 PIN 7</td><td>1318912-1</td><td>1-1123722-0 TE</td><td></td></tr><tr><td>G-312A</td><td>BLUE</td><td>19</td><td>18</td><td>18 BLOCK 312</td><td>ULTRA SONIC WELD</td><td></td><td>14 TOP LEFT POST</td><td>90* RED FEMALE SLIP SPADE</td><td></td><td></td></tr><tr><td>K-702B</td><td>BROWN</td><td>8</td><td>18</td><td>19 PIN W</td><td>0460-204-12141</td><td>HD36-24-9SN Deutsch</td><td>SPLICE</td><td>(SPLICE AT DIODE)</td><td></td><td>15</td></tr><tr><td>C-310</td><td>ORANGE</td><td>7</td><td>18</td><td>19 PIN X</td><td>0460-204-12141</td><td>HD36-24-9SN Deutsch</td><td>18 BLOCK 310</td><td>ULTRA SONIC WELD</td><td></td><td></td></tr><tr><td>M-311</td><td>PURPLE</td><td>7</td><td>18</td><td>19 PIN Y</td><td>0460-204-12141</td><td>HD36-24-9SN Deutsch</td><td>18 BLOCK 311</td><td>ULTRA SONIC WELD</td><td></td><td></td></tr><tr><td>J-905D</td><td>BLACK</td><td>34</td><td>22-2</td><td>20 PIN 1</td><td>1318912-1</td><td>1-1123722-1 TE</td><td>3A PIN 3</td><td>0462-201-16141</td><td>DT06-6S Deutsch</td><td>25</td></tr><tr><td>B-904D</td><td>RED</td><td>34</td><td>shielded</td><td>20 PIN 2</td><td>1318912-1</td><td>1-1123722-1 TE</td><td>3A PIN 2</td><td>0462-201-16141</td><td>DT06-6S Deutsch</td><td>25</td></tr><tr><td>020D</td><td>SHIELD</td><td>34</td><td>wire</td><td>20 PIN 3</td><td>1318912-1</td><td>1-1123722-1 TE</td><td>Cover Wie</td><td></td><td></td><td>25</td></tr><tr><td>J-905C</td><td>BLACK</td><td>12</td><td>22-2</td><td>20 PIN 4</td><td>1318912-1</td><td>1-1123722-1 TE</td><td>26 PIN F</td><td>0460-215-16141</td><td>HD10-9-96P Deutsch</td><td>33</td></tr><tr><td>B-904C</td><td>RED</td><td>12</td><td>shielded</td><td>20 PIN 5</td><td>1318912-1</td><td>1-1123722-1 TE</td><td>26 PIN G</td><td>0460-215-16141</td><td>HD10-9-96P Deutsch</td><td>33</td></tr><tr><td>020C</td><td>SHIELD</td><td>12</td><td>wire</td><td>20 PIN 6</td><td>1318912-1</td><td>1-1123722-1 TE</td><td>26 PIN C</td><td>0460-202-16141</td><td>HD10-9-96P Deutsch</td><td>33</td></tr><tr><td>M-700A</td><td>PURPLE</td><td>33</td><td>18</td><td>20 PIN 7</td><td>1318912-1</td><td>1-1123722-1 TE</td><td>8 BOTTOM LEFT POST</td><td>90* BLUE FEMALE SLIP SPADE</td><td></td><td>4</td></tr><tr><td>M-700B</td><td>PURPLE</td><td>8</td><td>18</td><td>8 BOTTOM LEFT POST</td><td>90* BLUE FEMALE SLIP SPADE</td><td></td><td>9 BOTTOM LEFT POST</td><td>90* RED FEMALE SLIP SPADE</td><td></td><td>4</td></tr><tr><td>B-743A</td><td>RED</td><td>32</td><td>18</td><td>20 PIN 8</td><td>1318912-1</td><td>1-1123722-1 TE</td><td>33 MIDDLE POST</td><td>BLUE FEMALE SLIP SPADE</td><td></td><td>22</td></tr><tr><td>B-743B</td><td>RED</td><td>12</td><td>18</td><td>20 PIN 9</td><td>1318912-1</td><td>1-1123722-1 TE</td><td>26 PIN A</td><td>0460-215-16141</td><td>HD10-9-96P Deutsch</td><td>32</td></tr><tr><td>B-743C</td><td>RED</td><td>40</td><td>18</td><td>20 PIN 10</td><td>1318912-1</td><td>1-1123722-1 TE</td><td>5 MIDDLE RIGHT POST</td><td>BLUE FEMALE SLIP SPADE</td><td></td><td>5</td></tr><tr><td>B-743D</td><td>RED</td><td>31.5</td><td>18</td><td>20 PIN 11</td><td>1318912-1</td><td>1-1123722-1 TE</td><td>6 POST 2</td><td>90* RED FEMALE SLIP SPADE</td><td></td><td></td></tr><tr><td>L-804A</td><td>GREY</td><td>28.5</td><td>18</td><td>21 PIN 6</td><td>1318912-1</td><td>1-1123722-9 TE</td><td>6 POST 1</td><td>90* BLUE FEMALE SLIP SPADE</td><td></td><td>23</td></tr><tr><td>D-600</td><td>YELLOW*</td><td>11</td><td>18</td><td>21 PIN 7</td><td>1318912-1</td><td>1-1123722-9 TE</td><td>26 PIN D</td><td>0460-202-16141</td><td>HD10-9-96P Deutsch</td><td></td></tr><tr><td>J-601</td><td>BLACK*</td><td>11</td><td>18</td><td>21 PIN 8</td><td>1318912-1</td><td>1-1123722-9 TE</td><td>26 PIN E</td><td>0460-202-16141</td><td>HD10-9-96P Deutsch</td><td></td></tr><tr><td>E-602</td><td>GREEN</td><td>11</td><td>18</td><td>21 PIN 9</td><td>1318912-1</td><td>1-1123722-9 TE</td><td>23 PIN 3</td><td>1318912-1</td><td>1-1123722-8 TE</td><td></td></tr><tr><td>L-305A</td><td>GREY</td><td>39</td><td>18</td><td>3A PIN 5</td><td>0462-201-16141</td><td>DT06-6S Deutsch</td><td>13 TOP RIGHT POST</td><td>90* RED FEMALE SLIP SPADE</td><td></td><td></td></tr><tr><td>I-603</td><td>PINK</td><td>19</td><td>18</td><td>22 PIN 1</td><td>1318912-1</td><td>1-1123722-9 TE</td><td>13 BOTTOM RIGHT POST</td><td>90* RED FEMALE SLIP SPADE</td><td></td><td></td></tr><tr><td>D-793B</td><td>YELLOW</td><td>16</td><td>18</td><td>22 PIN 6</td><td>1318912-1</td><td>1-1123722-0 TE</td><td>13 BOTTOM LEFT POST</td><td>90* RED FEMALE SLIP SPADE</td><td></td><td></td></tr><tr><td>M-917</td><td>PURPLE</td><td>16.5</td><td>18</td><td>22 PIN 8</td><td>1318912-1</td><td>1-1123722-0 TE</td><td>31 BOTTOM POST</td><td>90* RED FEMALE SLIP SPADE</td><td></td><td></td></tr><tr><td>A-918</td><td>WHITE</td><td>15</td><td>18</td><td>22 PIN 9</td><td>1318912-1</td><td>1-1123722-0 TE</td><td>14 BOTTOM LEFT POST</td><td>90* RED FEMALE SLIP SPADE</td><td></td><td></td></tr><tr><td>G-312B</td><td>BLUE</td><td>17</td><td>18</td><td>22 PIN 10</td><td>1318912-1</td><td>1-1123722-0 TE</td><td>14 TOP RIGHT POST</td><td>90* BLUE FEMALE SLIP SPADE</td><td></td><td></td></tr><tr><td>L-793</td><td>GREY</td><td>44</td><td>18</td><td>23 PIN 6</td><td>1318912-1</td><td>1-1123722-8 TE</td><td>10 BOTTOM POST</td><td>90* RED FEMALE SLIP SPADE</td><td></td><td>26</td></tr><tr><td>E-777</td><td>GREEN</td><td>41</td><td>18</td><td>23 PIN 8</td><td>1318912-1</td><td>1-1123722-8 TE</td><td>5 TOP RIGHT POST</td><td>90* RED FEMALE SLIP SPADE</td><td></td><td></td></tr></table>												Wire #	Wire Color	Length	Wire AWG	Start Location	Start Terminal	Start Connector	End Location	End Terminal	End Connector	Splice Detail	L-701	GREY	6	16	18 BLOCK 1	ULTRA SONIC WELD		17 POST 1	BLUE FEMALE SLIP SPADE			L-701D	GREY	18	16	18 BLOCK 1	ULTRA SONIC WELD		25 PIN 1	60619-1	1-480270-0 AMP		K-702	BROWN	9	16	18 BLOCK 2	ULTRA SONIC WELD		SPLICE	(SPLICE AT DIODE)		15	K-702A	BROWN	4	16	18 BLOCK 2		SPLICE	(SPLICE AT DIODE)		15	K-702C	BROWN	8	16	25 PIN 2		60619-1	1-480270-0 AMP	SPLICE	(SPLICE AT DIODE)	15	K-702D	BROWN	12	16	36 POST 85	BLUE FEMALE SLIP SPADE		SPLICE	(SPLICE AT DIODE)		15	K-702E	BROWN	4	16	17 POST 3	BLUE FEMALE SLIP SPADE		SPLICE	(SPLICE AT DIODE)		15	G-703B	BLUE	6	16	18 BLOCK 3	ULTRA SONIC WELD		39 POST 87	BLUE FEMALE SLIP SPADE			C-704	ORANGE	18	16	18 BLOCK 4	ULTRA SONIC WELD		25 PIN 4	60619-1	1-480270-0 AMP	29	C-704A	ORANGE	21	16	18 BLOCK 4		36 POST 87a	BLUE FEMALE SLIP SPADE		29	G-705	BLUE	18	16	18 BLOCK 5	ULTRA SONIC WELD		25 PIN 5	60619-1	1-480270-0 AMP		B-706A	RED	45	14	18 BLOCK 6-3	ULTRA SONIC WELD		9 MIDDLE RIGHT POST	90* YELLOW FEMALE SLIP SPADE		1	B-706D	RED	11.5	10	18 BLOCK 6-3		19 PIN S	0460-204-08141	HD36-24-9SN Deutsch	1	B-706B	RED	9	12	18 BLOCK 6-4	ULTRA SONIC WELD		16 POST 3	YELLOW FEMALE SLIP SPADE		16	B-706C	RED	11	12	18 BLOCK 6-4		15 POST 3	BLUE FEMALE SLIP SPADE		16	A-708A	WHITE	41	14	18 BLOCK 8-3	ULTRA SONIC WELD		8 MIDDLE RIGHT POST	90* YELLOW FEMALE SLIP SPADE		2	A-708D	WHITE	11	10	18 BLOCK 8-3		19 PIN U	0460-204-08141	HD36-24-9SN Deutsch	2	A-708B	WHITE	11	12	18 BLOCK 8-4	ULTRA SONIC WELD		16 POST 1	YELLOW FEMALE SLIP SPADE		17	A-708C	WHITE	12	12	18 BLOCK 8-4		15 POST 1	YELLOW FEMALE SLIP SPADE		17	D-709A	YELLOW	44	14	18 BLOCK 9	ULTRA SONIC WELD		9 BOTTOM RIGHT POST	90* BLUE FEMALE SLIP SPADE		18	D-709B	YELLOW	10	14	18 BLOCK 9		19 PIN Z	0460-204-12141	HD36-24-9SN Deutsch	18	E-710A	GREEN	40	14	18 BLOCK 10	ULTRA SONIC WELD		8 BOTTOM RIGHT POST	90* BLUE FEMALE SLIP SPADE		19	E-710B	GREEN	9.5	14	18 BLOCK 10		19 PIN V	0460-204-12141	HD36-24-9SN Deutsch	19	J-711A	BLACK	10	10	18 BLOCK 11A-3	ULTRA SONIC WELD		19 PIN R	0460-204-0490	HD36-24-9SN Deutsch	20	J-711D	BLACK	15.5	16	18 BLOCK 11A-3		26 PIN B	0460-215--16141	HD10-9-96P Deutsch	20	J-711E	BLACK	11	16	18 BLOCK 11A-3	ULTRA SONIC WELD		17 POST 4	YELLOW FEMALE SLIP SPADE		20	J-711B	BLACK	13	12	18 BLOCK 11A-4		24 PIN 3	0462-203-12141	DT06-4S Deutsch	21	J-711C	BLACK	13	12	18 BLOCK 11A-4		24 PIN 4	0462-203-12141	DT06-4S Deutsch	21	J-711F	BLACK	9	10	18 BLOCK 11B	ULTRA SONIC WELD		19 PIN R	0460-204-0490	HD36-24-9SN Deutsch	20	E-474E	GREEN	14	18	18 BLOCK 302	ULTRA SONIC WELD		25 PIN 6	60619-1	1-480270-0 AMP		B-305	RED	36	18	18 BLOCK 305	ULTRA SONIC WELD		38 PIN 2	0462-201-16141	DT06-12S Deutsch		G-312	BLUE	13	18	18 BLOCK 312	ULTRA SONIC WELD		22 PIN 7	1318912-1	1-1123722-0 TE		G-312A	BLUE	19	18	18 BLOCK 312	ULTRA SONIC WELD		14 TOP LEFT POST	90* RED FEMALE SLIP SPADE			K-702B	BROWN	8	18	19 PIN W	0460-204-12141	HD36-24-9SN Deutsch	SPLICE	(SPLICE AT DIODE)		15	C-310	ORANGE	7	18	19 PIN X	0460-204-12141	HD36-24-9SN Deutsch	18 BLOCK 310	ULTRA SONIC WELD			M-311	PURPLE	7	18	19 PIN Y	0460-204-12141	HD36-24-9SN Deutsch	18 BLOCK 311	ULTRA SONIC WELD			J-905D	BLACK	34	22-2	20 PIN 1	1318912-1	1-1123722-1 TE	3A PIN 3	0462-201-16141	DT06-6S Deutsch	25	B-904D	RED	34	shielded	20 PIN 2	1318912-1	1-1123722-1 TE	3A PIN 2	0462-201-16141	DT06-6S Deutsch	25	020D	SHIELD	34	wire	20 PIN 3	1318912-1	1-1123722-1 TE	Cover Wie			25	J-905C	BLACK	12	22-2	20 PIN 4	1318912-1	1-1123722-1 TE	26 PIN F	0460-215-16141	HD10-9-96P Deutsch	33	B-904C	RED	12	shielded	20 PIN 5	1318912-1	1-1123722-1 TE	26 PIN G	0460-215-16141	HD10-9-96P Deutsch	33	020C	SHIELD	12	wire	20 PIN 6	1318912-1	1-1123722-1 TE	26 PIN C	0460-202-16141	HD10-9-96P Deutsch	33	M-700A	PURPLE	33	18	20 PIN 7	1318912-1	1-1123722-1 TE	8 BOTTOM LEFT POST	90* BLUE FEMALE SLIP SPADE		4	M-700B	PURPLE	8	18	8 BOTTOM LEFT POST	90* BLUE FEMALE SLIP SPADE		9 BOTTOM LEFT POST	90* RED FEMALE SLIP SPADE		4	B-743A	RED	32	18	20 PIN 8	1318912-1	1-1123722-1 TE	33 MIDDLE POST	BLUE FEMALE SLIP SPADE		22	B-743B	RED	12	18	20 PIN 9	1318912-1	1-1123722-1 TE	26 PIN A	0460-215-16141	HD10-9-96P Deutsch	32	B-743C	RED	40	18	20 PIN 10	1318912-1	1-1123722-1 TE	5 MIDDLE RIGHT POST	BLUE FEMALE SLIP SPADE		5	B-743D	RED	31.5	18	20 PIN 11	1318912-1	1-1123722-1 TE	6 POST 2	90* RED FEMALE SLIP SPADE			L-804A	GREY	28.5	18	21 PIN 6	1318912-1	1-1123722-9 TE	6 POST 1	90* BLUE FEMALE SLIP SPADE		23	D-600	YELLOW*	11	18	21 PIN 7	1318912-1	1-1123722-9 TE	26 PIN D	0460-202-16141	HD10-9-96P Deutsch		J-601	BLACK*	11	18	21 PIN 8	1318912-1	1-1123722-9 TE	26 PIN E	0460-202-16141	HD10-9-96P Deutsch		E-602	GREEN	11	18	21 PIN 9	1318912-1	1-1123722-9 TE	23 PIN 3	1318912-1	1-1123722-8 TE		L-305A	GREY	39	18	3A PIN 5	0462-201-16141	DT06-6S Deutsch	13 TOP RIGHT POST	90* RED FEMALE SLIP SPADE			I-603	PINK	19	18	22 PIN 1	1318912-1	1-1123722-9 TE	13 BOTTOM RIGHT POST	90* RED FEMALE SLIP SPADE			D-793B	YELLOW	16	18	22 PIN 6	1318912-1	1-1123722-0 TE	13 BOTTOM LEFT POST	90* RED FEMALE SLIP SPADE			M-917	PURPLE	16.5	18	22 PIN 8	1318912-1	1-1123722-0 TE	31 BOTTOM POST	90* RED FEMALE SLIP SPADE			A-918	WHITE	15	18	22 PIN 9	1318912-1	1-1123722-0 TE	14 BOTTOM LEFT POST	90* RED FEMALE SLIP SPADE			G-312B	BLUE	17	18	22 PIN 10	1318912-1	1-1123722-0 TE	14 TOP RIGHT POST	90* BLUE FEMALE SLIP SPADE			L-793	GREY	44	18	23 PIN 6	1318912-1	1-1123722-8 TE	10 BOTTOM POST	90* RED FEMALE SLIP SPADE		26	E-777	GREEN	41	18	23 PIN 8	1318912-1	1-1123722-8 TE	5 TOP RIGHT POST	90* RED FEMALE SLIP SPADE		
Wire #	Wire Color	Length	Wire AWG	Start Location	Start Terminal	Start Connector	End Location	End Terminal	End Connector	Splice Detail																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
L-701	GREY	6	16	18 BLOCK 1	ULTRA SONIC WELD		17 POST 1	BLUE FEMALE SLIP SPADE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
L-701D	GREY	18	16	18 BLOCK 1	ULTRA SONIC WELD		25 PIN 1	60619-1	1-480270-0 AMP																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
K-702	BROWN	9	16	18 BLOCK 2	ULTRA SONIC WELD		SPLICE	(SPLICE AT DIODE)		15																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
K-702A	BROWN	4	16	18 BLOCK 2			SPLICE	(SPLICE AT DIODE)		15																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
K-702C	BROWN	8	16	25 PIN 2		60619-1	1-480270-0 AMP	SPLICE	(SPLICE AT DIODE)	15																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
K-702D	BROWN	12	16	36 POST 85	BLUE FEMALE SLIP SPADE		SPLICE	(SPLICE AT DIODE)		15																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
K-702E	BROWN	4	16	17 POST 3	BLUE FEMALE SLIP SPADE		SPLICE	(SPLICE AT DIODE)		15																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
G-703B	BLUE	6	16	18 BLOCK 3	ULTRA SONIC WELD		39 POST 87	BLUE FEMALE SLIP SPADE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
C-704	ORANGE	18	16	18 BLOCK 4	ULTRA SONIC WELD		25 PIN 4	60619-1	1-480270-0 AMP	29																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
C-704A	ORANGE	21	16	18 BLOCK 4			36 POST 87a	BLUE FEMALE SLIP SPADE		29																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
G-705	BLUE	18	16	18 BLOCK 5	ULTRA SONIC WELD		25 PIN 5	60619-1	1-480270-0 AMP																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
B-706A	RED	45	14	18 BLOCK 6-3	ULTRA SONIC WELD		9 MIDDLE RIGHT POST	90* YELLOW FEMALE SLIP SPADE		1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
B-706D	RED	11.5	10	18 BLOCK 6-3			19 PIN S	0460-204-08141	HD36-24-9SN Deutsch	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
B-706B	RED	9	12	18 BLOCK 6-4	ULTRA SONIC WELD		16 POST 3	YELLOW FEMALE SLIP SPADE		16																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
B-706C	RED	11	12	18 BLOCK 6-4			15 POST 3	BLUE FEMALE SLIP SPADE		16																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
A-708A	WHITE	41	14	18 BLOCK 8-3	ULTRA SONIC WELD		8 MIDDLE RIGHT POST	90* YELLOW FEMALE SLIP SPADE		2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
A-708D	WHITE	11	10	18 BLOCK 8-3			19 PIN U	0460-204-08141	HD36-24-9SN Deutsch	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
A-708B	WHITE	11	12	18 BLOCK 8-4	ULTRA SONIC WELD		16 POST 1	YELLOW FEMALE SLIP SPADE		17																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
A-708C	WHITE	12	12	18 BLOCK 8-4			15 POST 1	YELLOW FEMALE SLIP SPADE		17																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
D-709A	YELLOW	44	14	18 BLOCK 9	ULTRA SONIC WELD		9 BOTTOM RIGHT POST	90* BLUE FEMALE SLIP SPADE		18																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
D-709B	YELLOW	10	14	18 BLOCK 9			19 PIN Z	0460-204-12141	HD36-24-9SN Deutsch	18																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
E-710A	GREEN	40	14	18 BLOCK 10	ULTRA SONIC WELD		8 BOTTOM RIGHT POST	90* BLUE FEMALE SLIP SPADE		19																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
E-710B	GREEN	9.5	14	18 BLOCK 10			19 PIN V	0460-204-12141	HD36-24-9SN Deutsch	19																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
J-711A	BLACK	10	10	18 BLOCK 11A-3	ULTRA SONIC WELD		19 PIN R	0460-204-0490	HD36-24-9SN Deutsch	20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
J-711D	BLACK	15.5	16	18 BLOCK 11A-3			26 PIN B	0460-215--16141	HD10-9-96P Deutsch	20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
J-711E	BLACK	11	16	18 BLOCK 11A-3	ULTRA SONIC WELD		17 POST 4	YELLOW FEMALE SLIP SPADE		20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
J-711B	BLACK	13	12	18 BLOCK 11A-4			24 PIN 3	0462-203-12141	DT06-4S Deutsch	21																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
J-711C	BLACK	13	12	18 BLOCK 11A-4			24 PIN 4	0462-203-12141	DT06-4S Deutsch	21																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
J-711F	BLACK	9	10	18 BLOCK 11B	ULTRA SONIC WELD		19 PIN R	0460-204-0490	HD36-24-9SN Deutsch	20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
E-474E	GREEN	14	18	18 BLOCK 302	ULTRA SONIC WELD		25 PIN 6	60619-1	1-480270-0 AMP																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
B-305	RED	36	18	18 BLOCK 305	ULTRA SONIC WELD		38 PIN 2	0462-201-16141	DT06-12S Deutsch																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
G-312	BLUE	13	18	18 BLOCK 312	ULTRA SONIC WELD		22 PIN 7	1318912-1	1-1123722-0 TE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
G-312A	BLUE	19	18	18 BLOCK 312	ULTRA SONIC WELD		14 TOP LEFT POST	90* RED FEMALE SLIP SPADE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
K-702B	BROWN	8	18	19 PIN W	0460-204-12141	HD36-24-9SN Deutsch	SPLICE	(SPLICE AT DIODE)		15																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
C-310	ORANGE	7	18	19 PIN X	0460-204-12141	HD36-24-9SN Deutsch	18 BLOCK 310	ULTRA SONIC WELD																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
M-311	PURPLE	7	18	19 PIN Y	0460-204-12141	HD36-24-9SN Deutsch	18 BLOCK 311	ULTRA SONIC WELD																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
J-905D	BLACK	34	22-2	20 PIN 1	1318912-1	1-1123722-1 TE	3A PIN 3	0462-201-16141	DT06-6S Deutsch	25																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
B-904D	RED	34	shielded	20 PIN 2	1318912-1	1-1123722-1 TE	3A PIN 2	0462-201-16141	DT06-6S Deutsch	25																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
020D	SHIELD	34	wire	20 PIN 3	1318912-1	1-1123722-1 TE	Cover Wie			25																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
J-905C	BLACK	12	22-2	20 PIN 4	1318912-1	1-1123722-1 TE	26 PIN F	0460-215-16141	HD10-9-96P Deutsch	33																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
B-904C	RED	12	shielded	20 PIN 5	1318912-1	1-1123722-1 TE	26 PIN G	0460-215-16141	HD10-9-96P Deutsch	33																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
020C	SHIELD	12	wire	20 PIN 6	1318912-1	1-1123722-1 TE	26 PIN C	0460-202-16141	HD10-9-96P Deutsch	33																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
M-700A	PURPLE	33	18	20 PIN 7	1318912-1	1-1123722-1 TE	8 BOTTOM LEFT POST	90* BLUE FEMALE SLIP SPADE		4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
M-700B	PURPLE	8	18	8 BOTTOM LEFT POST	90* BLUE FEMALE SLIP SPADE		9 BOTTOM LEFT POST	90* RED FEMALE SLIP SPADE		4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
B-743A	RED	32	18	20 PIN 8	1318912-1	1-1123722-1 TE	33 MIDDLE POST	BLUE FEMALE SLIP SPADE		22																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
B-743B	RED	12	18	20 PIN 9	1318912-1	1-1123722-1 TE	26 PIN A	0460-215-16141	HD10-9-96P Deutsch	32																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
B-743C	RED	40	18	20 PIN 10	1318912-1	1-1123722-1 TE	5 MIDDLE RIGHT POST	BLUE FEMALE SLIP SPADE		5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
B-743D	RED	31.5	18	20 PIN 11	1318912-1	1-1123722-1 TE	6 POST 2	90* RED FEMALE SLIP SPADE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
L-804A	GREY	28.5	18	21 PIN 6	1318912-1	1-1123722-9 TE	6 POST 1	90* BLUE FEMALE SLIP SPADE		23																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
D-600	YELLOW*	11	18	21 PIN 7	1318912-1	1-1123722-9 TE	26 PIN D	0460-202-16141	HD10-9-96P Deutsch																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
J-601	BLACK*	11	18	21 PIN 8	1318912-1	1-1123722-9 TE	26 PIN E	0460-202-16141	HD10-9-96P Deutsch																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
E-602	GREEN	11	18	21 PIN 9	1318912-1	1-1123722-9 TE	23 PIN 3	1318912-1	1-1123722-8 TE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
L-305A	GREY	39	18	3A PIN 5	0462-201-16141	DT06-6S Deutsch	13 TOP RIGHT POST	90* RED FEMALE SLIP SPADE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
I-603	PINK	19	18	22 PIN 1	1318912-1	1-1123722-9 TE	13 BOTTOM RIGHT POST	90* RED FEMALE SLIP SPADE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
D-793B	YELLOW	16	18	22 PIN 6	1318912-1	1-1123722-0 TE	13 BOTTOM LEFT POST	90* RED FEMALE SLIP SPADE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
M-917	PURPLE	16.5	18	22 PIN 8	1318912-1	1-1123722-0 TE	31 BOTTOM POST	90* RED FEMALE SLIP SPADE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
A-918	WHITE	15	18	22 PIN 9	1318912-1	1-1123722-0 TE	14 BOTTOM LEFT POST	90* RED FEMALE SLIP SPADE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
G-312B	BLUE	17	18	22 PIN 10	1318912-1	1-1123722-0 TE	14 TOP RIGHT POST	90* BLUE FEMALE SLIP SPADE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
L-793	GREY	44	18	23 PIN 6	1318912-1	1-1123722-8 TE	10 BOTTOM POST	90* RED FEMALE SLIP SPADE		26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
E-777	GREEN	41	18	23 PIN 8	1318912-1	1-1123722-8 TE	5 TOP RIGHT POST	90* RED FEMALE SLIP SPADE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
4				3				2				1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
<table><tr><th>Location #</th><th>Location Description</th></tr><tr><td>1</td><td>Battery Selector Switch</td></tr><tr><td>2</td><td>Voltmeter Gauge</td></tr><tr><td>3</td><td>PV Diagnostic Gauge</td></tr><tr><td>3A</td><td>6 PIN PV Diagnostic Gauge</td></tr><tr><td>3B</td><td>12 PIN PV Diagnostic Guage</td></tr><tr><td>4</td><td>Manual Mode Warning Lamp</td></tr><tr><td>5</td><td>Auto/Manual Run Selector Switch</td></tr><tr><td>6</td><td>Alternate ECM Warning Lamp</td></tr><tr><td>7</td><td>ECM Selector Switch</td></tr><tr><td>8</td><td>Crank Switch 2</td></tr><tr><td>9</td><td>Crank Switch 1</td></tr><tr><td>10</td><td>Manual Stop Switch</td></tr><tr><td>11</td><td>Throttle Bump - Enable Switch</td></tr><tr><td>12</td><td>Throttle Bump - Up & Down Switch</td></tr><tr><td>13</td><td>Overspeed Reset & Overspeed Verify Swich</td></tr><tr><td>14</td><td>HI Water Temp & Low Water Temp Verify Switch</td></tr><tr><td>15</td><td>Battery Bridge 2</td></tr><tr><td>16</td><td>Battery Bridge 1</td></tr><tr><td>17</td><td>Coolant Bridge</td></tr><tr><td>18</td><td>Terminal Blocks</td></tr><tr><td>19</td><td>Power Harness Deutch Connector</td></tr><tr><td>20</td><td>White 11 Pin Connector</td></tr><tr><td>21</td><td>White 9 Pin Connector</td></tr><tr><td>22</td><td>White 10 Pin Connector</td></tr><tr><td>23</td><td>White 8 Pin Connector</td></tr><tr><td>24</td><td>Deutch 4 Pin Connector</td></tr><tr><td>25</td><td>White 6 Pin Connector</td></tr><tr><td>26</td><td>9 Pin Diagnostic Deutch Connector</td></tr><tr><td>27</td><td>SCB - 6 Pin Connector</td></tr><tr><td>28</td><td>SCB - 4 Pin Connector</td></tr><tr><td>29</td><td>9 Pin Deutch Coonector</td></tr><tr><td>30</td><td>Engine Run Signal Diode Bridge</td></tr><tr><td>31</td><td>Low Oil Pressure Verify/ECM Failure Reset</td></tr><tr><td>32</td><td>Auto Switching Base Module</td></tr><tr><td>33</td><td>Manual Display On Switch</td></tr><tr><td>34</td><td>Soft Start Switch</td></tr><tr><td>35</td><td>2K Ohm Rister</td></tr><tr><td>36</td><td>Low Oil Pressure Relay</td></tr><tr><td>37</td><td>Voltage Divider Circuit Board</td></tr><tr><td>38</td><td>Ground Stud</td></tr><tr><td>39</td><td>Overspeed Relay</td></tr><tr><td>40</td><td>SenderCAN</td></tr></table>												Location #	Location Description	1	Battery Selector Switch	2	Voltmeter Gauge	3	PV Diagnostic Gauge	3A	6 PIN PV Diagnostic Gauge	3B	12 PIN PV Diagnostic Guage	4	Manual Mode Warning Lamp	5	Auto/Manual Run Selector Switch	6	Alternate ECM Warning Lamp	7	ECM Selector Switch	8	Crank Switch 2	9	Crank Switch 1	10	Manual Stop Switch	11	Throttle Bump - Enable Switch	12	Throttle Bump - Up & Down Switch	13	Overspeed Reset & Overspeed Verify Swich	14	HI Water Temp & Low Water Temp Verify Switch	15	Battery Bridge 2	16	Battery Bridge 1	17	Coolant Bridge	18	Terminal Blocks	19	Power Harness Deutch Connector	20	White 11 Pin Connector	21	White 9 Pin Connector	22	White 10 Pin Connector	23	White 8 Pin Connector	24	Deutch 4 Pin Connector	25	White 6 Pin Connector	26	9 Pin Diagnostic Deutch Connector	27	SCB - 6 Pin Connector	28	SCB - 4 Pin Connector	29	9 Pin Deutch Coonector	30	Engine Run Signal Diode Bridge	31	Low Oil Pressure Verify/ECM Failure Reset	32	Auto Switching Base Module	33	Manual Display On Switch	34	Soft Start Switch	35	2K Ohm Rister	36	Low Oil Pressure Relay	37	Voltage Divider Circuit Board	38	Ground Stud	39	Overspeed Relay	40	SenderCAN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Location #	Location Description																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1	Battery Selector Switch																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
2	Voltmeter Gauge																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
3	PV Diagnostic Gauge																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
3A	6 PIN PV Diagnostic Gauge																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
3B	12 PIN PV Diagnostic Guage																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
4	Manual Mode Warning Lamp																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
5	Auto/Manual Run Selector Switch																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
6	Alternate ECM Warning Lamp																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
7	ECM Selector Switch																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
8	Crank Switch 2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
9	Crank Switch 1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
10	Manual Stop Switch																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
11	Throttle Bump - Enable Switch																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
12	Throttle Bump - Up & Down Switch																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
13	Overspeed Reset & Overspeed Verify Swich																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
14	HI Water Temp & Low Water Temp Verify Switch																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
15	Battery Bridge 2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
16	Battery Bridge 1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
17	Coolant Bridge																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
18	Terminal Blocks																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
19	Power Harness Deutch Connector																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
20	White 11 Pin Connector																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
21	White 9 Pin Connector																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
22	White 10 Pin Connector																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
23	White 8 Pin Connector																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
24	Deutch 4 Pin Connector																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
25	White 6 Pin Connector																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
26	9 Pin Diagnostic Deutch Connector																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
27	SCB - 6 Pin Connector																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
28	SCB - 4 Pin Connector																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
29	9 Pin Deutch Coonector																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
30	Engine Run Signal Diode Bridge																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
31	Low Oil Pressure Verify/ECM Failure Reset																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
32	Auto Switching Base Module																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
33	Manual Display On Switch																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
34	Soft Start Switch																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
35	2K Ohm Rister																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
36	Low Oil Pressure Relay																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
37	Voltage Divider Circuit Board																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
38	Ground Stud																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
39	Overspeed Relay																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
40	SenderCAN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
4				3				2				1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
<table><tr><td colspan="2">* 1" Twisted Wires</td></tr></table>												* 1" Twisted Wires																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
* 1" Twisted Wires																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
<table><tr><td colspan="4">THIS DRAWING AND THE INFORMATION HEREON ARE OUR PROPERTY AND MAY BE USED BY OTHERS ONLY AS AUTHORIZED BY US. UNPUBLISHED--ALL RIGHTS RESERVED UNDER THE COPYRIGHT LAWS</td><td colspan="2"> ☐ YES ☐ NO CONTROLLED DRAWING </td><td colspan="4"> CLARKE Fire Protection Products, Inc. </td></tr><tr><td colspan="2">MACHINE TOLERANCE</td><td colspan="2">DECIMAL mm inch</td><td colspan="2">DRWN MJDEMBKOWSKI</td><td colspan="2">NAME</td><td colspan="4" rowspan="3">INSTRUMENT PANEL, 24V C18 PLD</td></tr><tr><td colspan="2">X. ± 1.5</td><td colspan="2">± 0.06</td><td colspan="2">DATE</td><td colspan="2"></td></tr><tr><td colspan="2">X.X ± 0.3</td><td colspan="2">± 0.03</td><td colspan="2">ENGR MJDEMBKOWSKI</td><td colspan="2"></td></tr><tr><td colspan="2">X.XX ± 0.025</td><td colspan="2">± 0.01</td><td colspan="2">MATERIAL AS NOTED</td><td colspan="2">PART NO.</td><td colspan="4">C073037</td></tr><tr><td colspan="2">X.XXX ± 0.001</td><td colspan="2">± 0.001</td><td colspan="2">ANGULAR: ± 0.5°</td><td colspan="2">ASSEMBLY</td><td colspan="2">SCALE NTS</td><td colspan="2">UNITS MM [INCH]</td><td colspan="2">PAGE 6 OF 12</td></tr><tr><td colspan="2">FABRICATION TOLERANCE</td><td colspan="2">DECIMAL mm inch</td><td colspan="2">SIMILAR TO C072120-C072121</td><td colspan="2">ANGULAR: ± 1.0°</td><td colspan="4"></td></tr><tr><td colspan="2">X. ± 3</td><td colspan="2">± 0.12</td><td colspan="2"></td><td colspan="2"></td><td colspan="4"></td></tr><tr><td colspan="2">X.X ± 1.5</td><td colspan="2">± 0.06</td><td colspan="2"></td><td colspan="2"></td><td colspan="4"></td></tr><tr><td colspan="2">X.XX ± 0.3</td><td colspan="2">± 0.03</td><td colspan="2"></td><td colspan="2"></td><td colspan="4"></td></tr><tr><td colspan="2">X.XXX ± 0.025</td><td colspan="2">± 0.01</td><td colspan="2"></td><td colspan="2"></td><td colspan="4"></td></tr><tr><td colspan="2">X.XXX ± 0.001</td><td colspan="2">± 0.001</td><td colspan="2"></td><td colspan="2"></td><td colspan="4"></td></tr></table>												THIS DRAWING AND THE INFORMATION HEREON ARE OUR PROPERTY AND MAY BE USED BY OTHERS ONLY AS AUTHORIZED BY US. UNPUBLISHED--ALL RIGHTS RESERVED UNDER THE COPYRIGHT LAWS				☐ YES ☐ NO CONTROLLED DRAWING		CLARKE Fire Protection Products, Inc.				MACHINE TOLERANCE		DECIMAL mm inch		DRWN MJDEMBKOWSKI		NAME		INSTRUMENT PANEL, 24V C18 PLD				X. ± 1.5		± 0.06		DATE				X.X ± 0.3		± 0.03		ENGR MJDEMBKOWSKI				X.XX ± 0.025		± 0.01		MATERIAL AS NOTED		PART NO.		C073037				X.XXX ± 0.001		± 0.001		ANGULAR: ± 0.5°		ASSEMBLY		SCALE NTS		UNITS MM [INCH]		PAGE 6 OF 12		FABRICATION TOLERANCE		DECIMAL mm inch		SIMILAR TO C072120-C072121		ANGULAR: ± 1.0°						X. ± 3		± 0.12										X.X ± 1.5		± 0.06										X.XX ± 0.3		± 0.03										X.XXX ± 0.025		± 0.01										X.XXX ± 0.001		± 0.001																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
THIS DRAWING AND THE INFORMATION HEREON ARE OUR PROPERTY AND MAY BE USED BY OTHERS ONLY AS AUTHORIZED BY US. UNPUBLISHED--ALL RIGHTS RESERVED UNDER THE COPYRIGHT LAWS				☐ YES ☐ NO CONTROLLED DRAWING		CLARKE Fire Protection Products, Inc.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
MACHINE TOLERANCE		DECIMAL mm inch		DRWN MJDEMBKOWSKI		NAME		INSTRUMENT PANEL, 24V C18 PLD																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
X. ± 1.5		± 0.06		DATE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
X.X ± 0.3		± 0.03		ENGR MJDEMBKOWSKI																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
X.XX ± 0.025		± 0.01		MATERIAL AS NOTED		PART NO.		C073037																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
X.XXX ± 0.001		± 0.001		ANGULAR: ± 0.5°		ASSEMBLY		SCALE NTS		UNITS MM [INCH]		PAGE 6 OF 12																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
FABRICATION TOLERANCE		DECIMAL mm inch		SIMILAR TO C072120-C072121		ANGULAR: ± 1.0°																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
X. ± 3		± 0.12																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
X.X ± 1.5		± 0.06																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
X.XX ± 0.3		± 0.03																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
X.XXX ± 0.025		± 0.01																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
X.XXX ± 0.001		± 0.001																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

4				3				2				1			
Wire #	Wire Color	Length	Wire AWG	Start Location	Start Terminal	Start Connector	End Location	End Terminal	End Connector	Splice Detail					
J-754A	BLACK	38	18	23 PIN 2	1318912-1	1-1123722-8 TE	3A PIN 6	0462-201-16141	DT06-6S Deutsch						
J-754C	BLACK	31	18	23 PIN 4	1318912-1	1-1123722-8 TE	38	BLUE #10 RING		7					
J-754D	BLACK	16	18	23 PIN 5	1318912-1	1-1123722-8 TE	36 POST 86	BLUE FEMALE SLIP SPADE		8					
J-754E	BLACK	4	18	36 POST 86	BLUE FEMALE SLIP SPADE		36 POST 30	BLUE FEMALE SLIP SPADE		8					
J-754F	BLACK	4	18	36 POST 30	BLUE FEMALE SLIP SPADE		14 MIDDLE RIGHT POST	BLUE FEMALE SLIP SPADE		8					
J-754G	BLACK	4	18	14 MIDDLE RIGHT POST	BLUE FEMALE SLIP SPADE		14 MIDDLE LEFT POST	90* BLUE FEMALE SLIP SPADE		8					
J-754H	BLACK	4	18	14 MIDDLE LEFT POST	90* BLUE FEMALE SLIP SPADE		13 MIDDLE RIGHT POST	BLUE FEMALE SLIP SPADE		8					
J-754I	BLACK	4	18	13 MIDDLE RIGHT POST	BLUE FEMALE SLIP SPADE		13 MIDDLE LEFT POST	BLUE FEMALE SLIP SPADE		8					
J-754J	BLACK	4	18	13 MIDDLE LEFT POST	BLUE FEMALE SLIP SPADE		31 MIDDLE POST	90* BLUE FEMALE SLIP SPADE		8					
J-754N	BLACK	27	18	31 MIDDLE POST	90* BLUE FEMALE SLIP SPADE		35 SIDE B	SOLDER 2K OHM POWER RESISTER		8					
J-754P	BLACK	20	18	35 SIDE A	SOLDER 2K OHM POWER RESISTER		21 PIN 3	1318912-1	1-1123722-9 TE	8					
J-754R	BLACK	15	18	10 MIDDLE POST	90* RED FEMALE SLIP SPADE		7 MIDDLE RIGHT POST	90* BLUE FEMALE SLIP SPADE		7					
J-754S	BLACK	4	18	7 MIDDLE RIGHT POST	BLUE FEMALE SLIP SPADE		7 MIDDLE LEFT POST	90* BLUE FEMALE SLIP SPADE		7					
B-227	RED	18	18	26 PIN A	0460-215-16141	HD10-9-96P Deutsch	40 PIN 1	39000062 Molex	39-01-2086 Molex	32					
J-228	BLACK	18	18	26 PIN B	0460-215-16141	HD10-9-96P Deutsch	40 PIN 2	39000062 Molex	39-01-2086 Molex	20					
229	SHIELD	14	22-2 shielded wire	26 PIN C	0460-202-16141	HD10-9-96P Deutsch	Cover Wie			33					
J-230	BLACK	18		26 PIN F	0460-215-16141	HD10-9-96P Deutsch	40 PIN 3	39000062 Molex	39-01-2086 Molex	33					
B-231	RED/WHITE	18		26 PIN G	0460-215-16141	HD10-9-96P Deutsch	40 PIN 4	39000062 Molex	39-01-2086 Molex	33					
M-225C	PURPLE	12		18	29 PIN C	0460-202-16141	HD10-9-96P Deutsch	40 PIN 5	39000062 Molex	39-01-2086 Molex					
C-226D	ORANGE	12	18	29 PIN D	0462-202-16141	HD10-9-96P Deutsch	40 PIN 6	39000062 Molex	39-01-2086 Molex						
C-221	ORANGE	7	18	29 PIN A	0460-202-1631	HD10-9-96P Deutsch	15 POST 2	YELLOW FEMALE SLIP SPADE		27					
C-385	ORANGE	8	18	39 POST 85	90* BLUE FEMALE SLIP SPADE		15 POST 2	YELLOW FEMALE SLIP SPADE		27					
J-223	BLACK	7	18	29 PIN B	0460-202-1631	HD10-9-96P Deutsch	17 PIN 4	YELLOW FEMALE SLIP SPADE		20					
B-330	RED	4.5	18	39 POST 85	90* BLUE FEMALE SLIP SPADE		39 POST 30	RED FEMALE SLIP SPADE		27					
A-386	WHITE	42	18	39 POST 86	90* RED FEMALE SLIP SPADE		3A PIN 4	0462-201-16141	DT06-6S Deutsch						
B-803	RED	16	18	32 PIN 3	M23S05K351	MX23A26SF1	33 MIDDLE POST	90* BLUE FEMALE SLIP SPADE		22					
L-804	GREY	9	18	32 PIN 4	M23S05K351	MX23A26SF1	6 POST 1	90* BLUE FEMALE SLIP SPADE		23					
K-805	BROWN	44	18	32 PIN 5	M23S05K351	MX23A26SF1	18 BLOCK 2	ULTRA SONIC WELD		15					
J-806	BLACK	37	18	32 PIN 6	M23S05K351	MX23A26SF1	35 SIDE A	SOLDER 2K OHM POWER RESISTER		8					
J-807	BLACK	14	18	32 PIN 7	M23S05K351	MX23A26SF1	38	RED #10 RING		24					
L-809	GREY	40	18	32 PIN 9	M23S05K351	MX23A26SF1	18 BLOCK 301	ULTRA SONIC WELD							
C-810	ORANGE	7.5	18	32 PIN 10	M23S05K351	MX23A26SF1	7 BOTTOM RIGHT POST	90* RED FEMALE SLIP SPADE							
J-811	BLACK	14	18	32 PIN 11	M23S05K351	MX23A26SF1	38	BLUE #10 RING		24					
B-812	RED	41	18	32 PIN 12	M23S05K351	MX23A26SF1	18 BLOCK 303	ULTRA SONIC WELD							
A-813	WHITE	41	18	32 PIN 13	M23S05K351	MX23A26SF1	18 BLOCK 304	ULTRA SONIC WELD							
L-814	GREY	38	18	32 PIN 14	M23S05K351	MX23A26SF1	23 PIN 7	1318912-1	1-1123722-8 TE						
E-816	GREEN	9	18	32 PIN 16	M23S05K351	MX23A26SF1	7 BOTTOM LEFT POST	RED FEMALE SLIP SPADE							
M-817	PURPLE	8	18	32 PIN 17	M23S05K351	MX23A26SF1	7 TOP LEFT POST	RED FEMALE SLIP SPADE							
D-818	YELLOW	8	18	32 PIN 18	M23S05K351	MX23A26SF1	7 TOP RIGHT POST	RED FEMALE SLIP SPADE							
E-820	GREEN	39	18	32 PIN 20	M23S05K351	MX23A26SF1	31 TOP POST	90* RED FEMALE SLIP SPADE							
B-822	RED	38	22-2	32 PIN 22	M23S05K351	MX23A26SF1	20 PIN 2	1318912-1	1-1123722-1 TE	25					
J-823	BLACK	38	shielded	32 PIN 23	M23S05K351	MX23A26SF1	20 PIN 1	1318912-1	1-1123722-1 TE	25					
824	BARE	38	wire	32 PIN 24	M23S05K351	MX23A26SF1	20 PIN 3	1318912-1	1-1123722-1 TE	25					
L-825	GREY	16	18	32 PIN 25	M23S05K351	MX23A26SF1	10 BOTTOM POST	90* BLUE FEMALE SLIP SPADE		26					
B-747	RED	19	18	37 PIN 1	45750-1112	39-01-2160 Molex	9 MIDDLE RIGHT POST	90* YELLOW FEMALE SLIP SPADE		1					
C-747A	ORANGE	13	18	37 PIN 2	45750-1112	39-01-2160 Molex	3B PIN 4	0462-201-16141	DT06-12S Deutsch						
L-748A	GRAY	13	18	37 PIN 3	45750-1112	39-01-2160 Molex	3B PIN 5	0462-201-16141	DT06-12S Deutsch						
A-748	WHITE	15	18	37 PIN 4	45750-1112	39-01-2160 Molex	8 MIDDLE RIGHT POST	90* YELLOW FEMALE SLIP SPADE		2					
B-774B	RED	5	18	33 BOTTOM POST			SPLICE	(SPLICE AT DIODE)		30					
B-774D	RED	34	18	17 POST 2	YELLOW FEMALE SLIP SPADE		SPLICE	(SPLICE AT DIODE)		30					
B-774C	RED	6	18	37 PIN 5	45750-1112	39-01-2160 Molex	33 BOTTOM POST	90* BLUE FEMALE SLIP SPADE		30					
C-774A	ORANGE	14	18	37 PIN 6	90* BLUE FEMALE SLIP SPADE		3A PIN 1	0462-201-16141	DT06-6S Deutsch						
J-755	BLACK	5	18	37 PIN 16	45750-1112	39-01-2160 Molex	38	BLUE #10 RING		31					
J-755A	BLACK	11	18	38	BLUE #10 RING		3B PIN 12	0462-201-16141	DT06-12S Deutsch	31					
G-766A	BLUE	20	12	16 POST 2	YELLOW FEMALE SLIP SPADE		24 PIN 1	0462-203-12141	DT06-4S Deutsch						
C-766B	ORANGE	22	12	15 POST 2	YELLOW FEMALE SLIP SPADE		24 PIN 2	0462-203-12141	DT06-4S Deutsch	27					
B-743F	RED	4	18	5 MIDDLE RIGHT POST	BLUE FEMALE SLIP SPADE		5 MIDDLE LEFT POST	BLUE FEMALE SLIP SPADE		5					
B-743G	RED	23	18	8 MIDDLE LEFT POST	90* BLUE FEMALE SLIP SPADE		5 MIDDLE LEFT POST	BLUE FEMALE SLIP SPADE		5					
B-743H	RED	7	18	9 MIDDLE LEFT POST	90* RED FEMALE SLIP SPADE		8 MIDDLE LEFT POST	90* BLUE FEMALE SLIP SPADE		5					
J-797C	BLACK	19	18	7 MIDDLE LEFT POST	BLUE FEMALE SLIP SPADE		4 POST 1	90* BLUE FEMALE SLIP SPADE		7					
J-769	BLACK	15	18	4 POST 1	90* BLUE FEMALE SLIP SPADE		38	BLUE #10 RING		7					
K-768	BROWN	4	18	5 BOTTOM LEFT POST	90* RED FEMALE SLIP SPADE		4 POST 2	90* RED FEMALE SLIP SPADE							
D-756	YELLOW	48	18	17 POST 3	BLUE FEMALE SLIP SPADE		5 BOTTOM RIGHT POST	90* RED FEMALE SLIP SPADE		15					
B-773	RED	16	14	17 POST 2	YELLOW FEMALE SLIP SPADE		19 PIN T	0460-204-12141	HD36-24-9SN Deutsch	30					

Location #	Location Description
1	Battery Selector Switch
2	Voltmeter Gauge
3	PV Diagnostic Gauge
3A	6 PIN PV Diagnostic Gauge
3B	12 PIN PV Diagnostic Guage
4	Manual Mode Warning Lamp
5	Auto/Manual Run Selector Switch
6	Alternate ECM Warning Lamp
7	ECM Selector Switch
8	Crank Switch 2
9	Crank Switch 1
10	Manual Stop Switch
11	Throttle Bump - Enable Switch
12	Throttle Bump - Up & Down Switch
13	Overspeed Reset & Overspeed Verify Swich
14	HI Water Temp & Low Water Temp Verify Switch
15	Battery Bridge 2
16	Battery Bridge 1
17	Coolant Bridge
18	Terminal Blocks
19	Power Harness Deutch Connector
20	White 11 Pin Connector
21	White 9 Pin Connector
22	White 10 Pin Connector
23	White 8 Pin Connector
24	Deutch 4 Pin Connector
25	White 6 Pin Connector
26	9 Pin Diagnostic Deutch Connector
27	SCB - 6 Pin Connector
28	SCB - 4 Pin Connector
29	9 Pin Deutch Coonector
30	Engine Run Signal Diode Bridge
31	Low Oil Pressure Verify/ECM Failure Reset
32	Auto Switching Base Module
33	Manual Display On Switch
34	Soft Start Switch
35	2K Ohm Rister
36	Low Oil Pressure Relay
37	Voltage Divider Circuit Board
38	Ground Stud
39	Overspeed Relay
40	SenderCAN

THIS DRAWING AND THE INFORMATION HEREON ARE OUR PROPERTY AND MAY BE USED BY OTHERS ONLY AS AUTHORIZED BY US. UNPUBLISHED--ALL RIGHTS RESERVED UNDER THE COPYRIGHT LAWS

DECIMAL

mm

inch

X.

± 1.5

X.X

± 0.8

± 0.06

X.XX

± 0.3

± 0.03

X.XXX

± 0.025

± 0.01

X.XXXX

± 0.001

ANGULAR: ± 0.5°

FABRICATION TOLERANCE

DECIMAL

mm

inch

X.

± 3

X.X

± 1.5

± 0.12

X.XX

± 0.06

± 0.06

ANGULAR: ± 1.0°

CONTROLLED DRAWING

YES

NO

DRWN MJDEMBKOWSKI

DATE

ENGR MJDEMBKOWSKI

MATERIAL AS NOTED

SIMILAR TO C072120-C072121

NAME

NSTRUMENT PANEL, 24V C18 PLD

PART NO. C073037

SCALE NTS

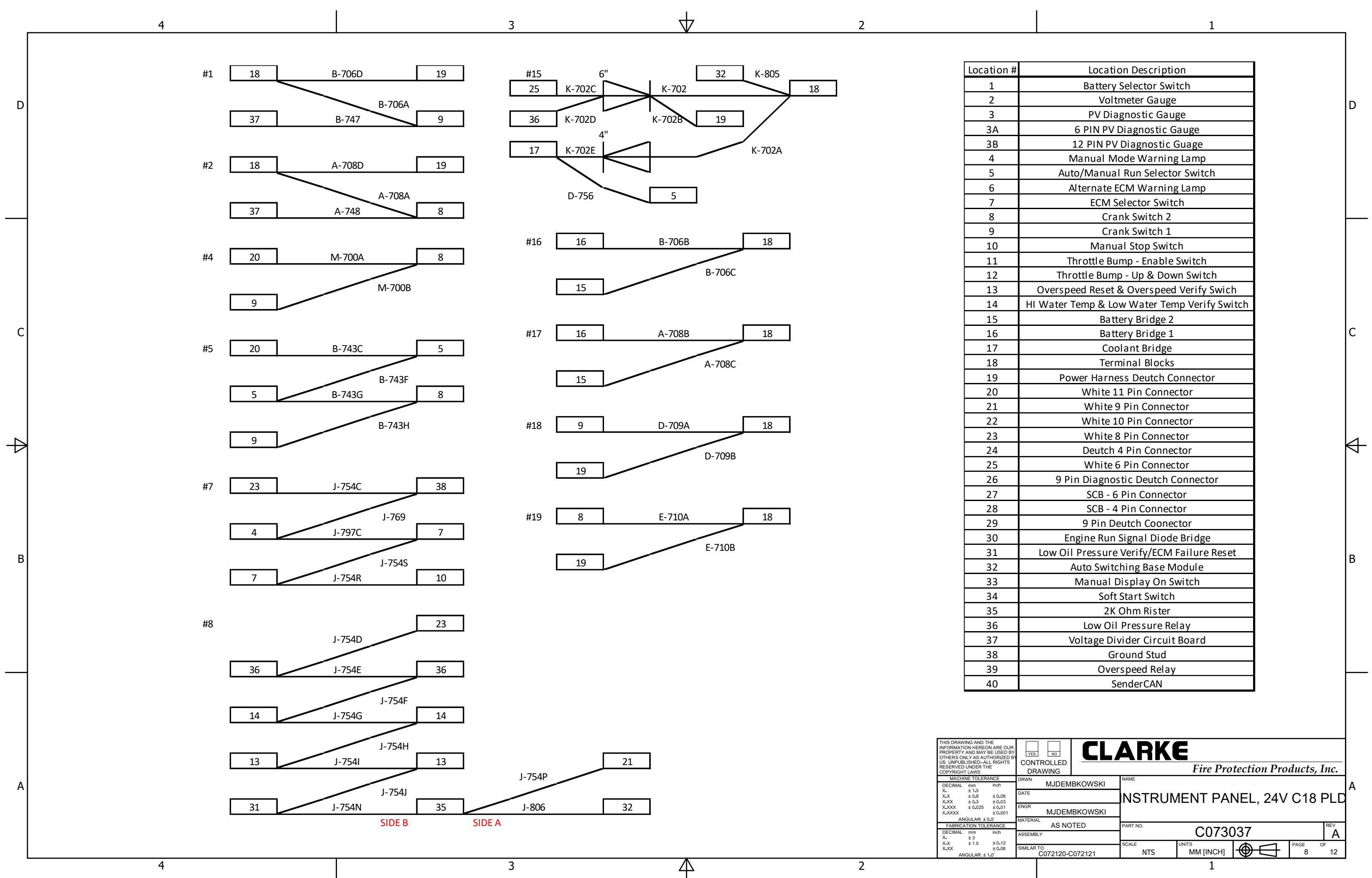
UNITS MM [INCH]

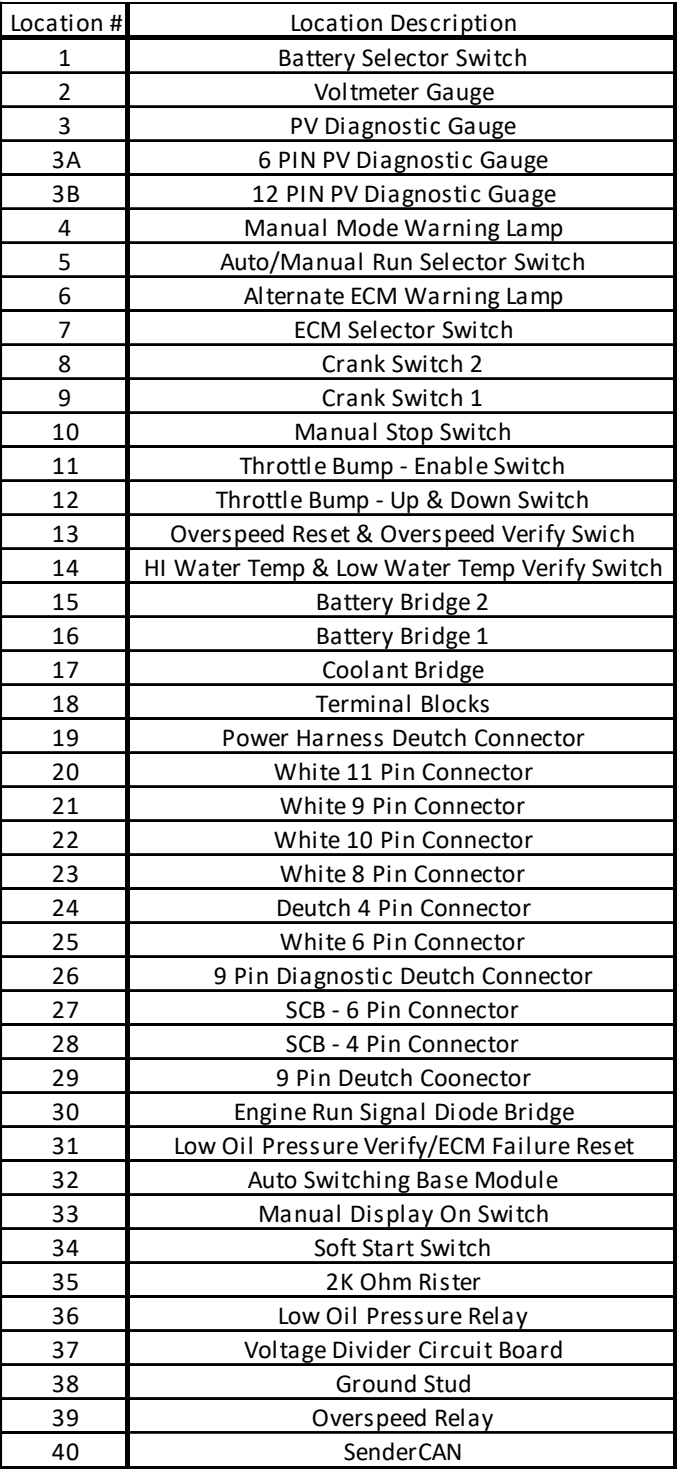
PAGE 7 OF 12

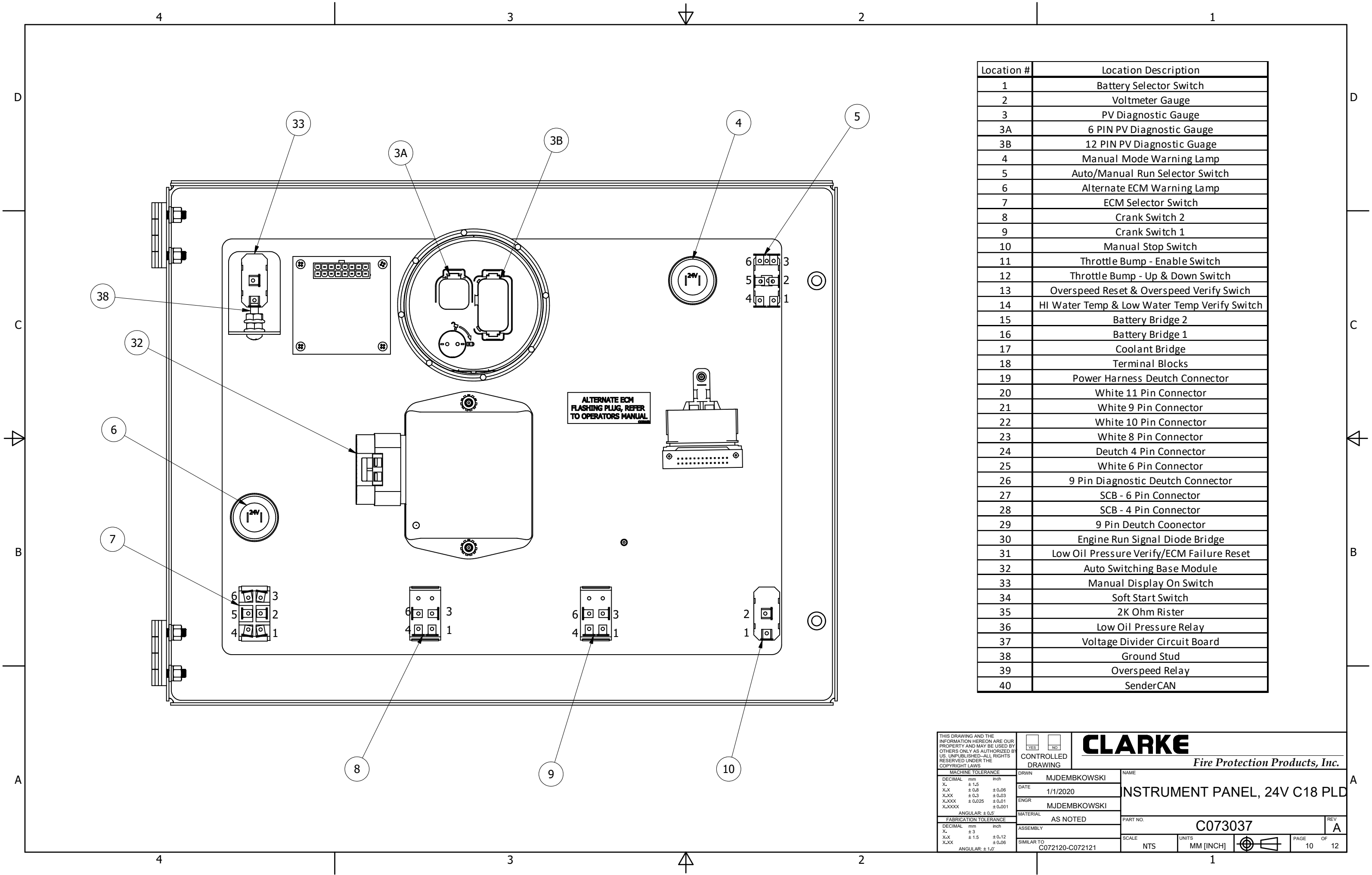
CLARKE

Fire Protection Products, Inc.

4				3				2				1			
---	--	--	--	---	--	--	--	---	--	--	--	---	--	--	--







THIS DRAWING AND THE INFORMATION HEREON ARE OUR PROPERTY AND MAY BE USED BY OTHERS ONLY AS AUTHORIZED BY US. UNPUBLISHED--ALL RIGHTS RESERVED UNDER THE COPYRIGHT LAWS.

MACHINE TOLERANCE
DECIMAL mm inch
X. ± 1.5 ± 0.06
X.X ± 0.8 ± 0.03
X.XX ± 0.3 ± 0.01
X.XXX ± 0.025 ± 0.001
X.XXXX ± 0.01 ± 0.001
ANGULAR: ± 0.5°

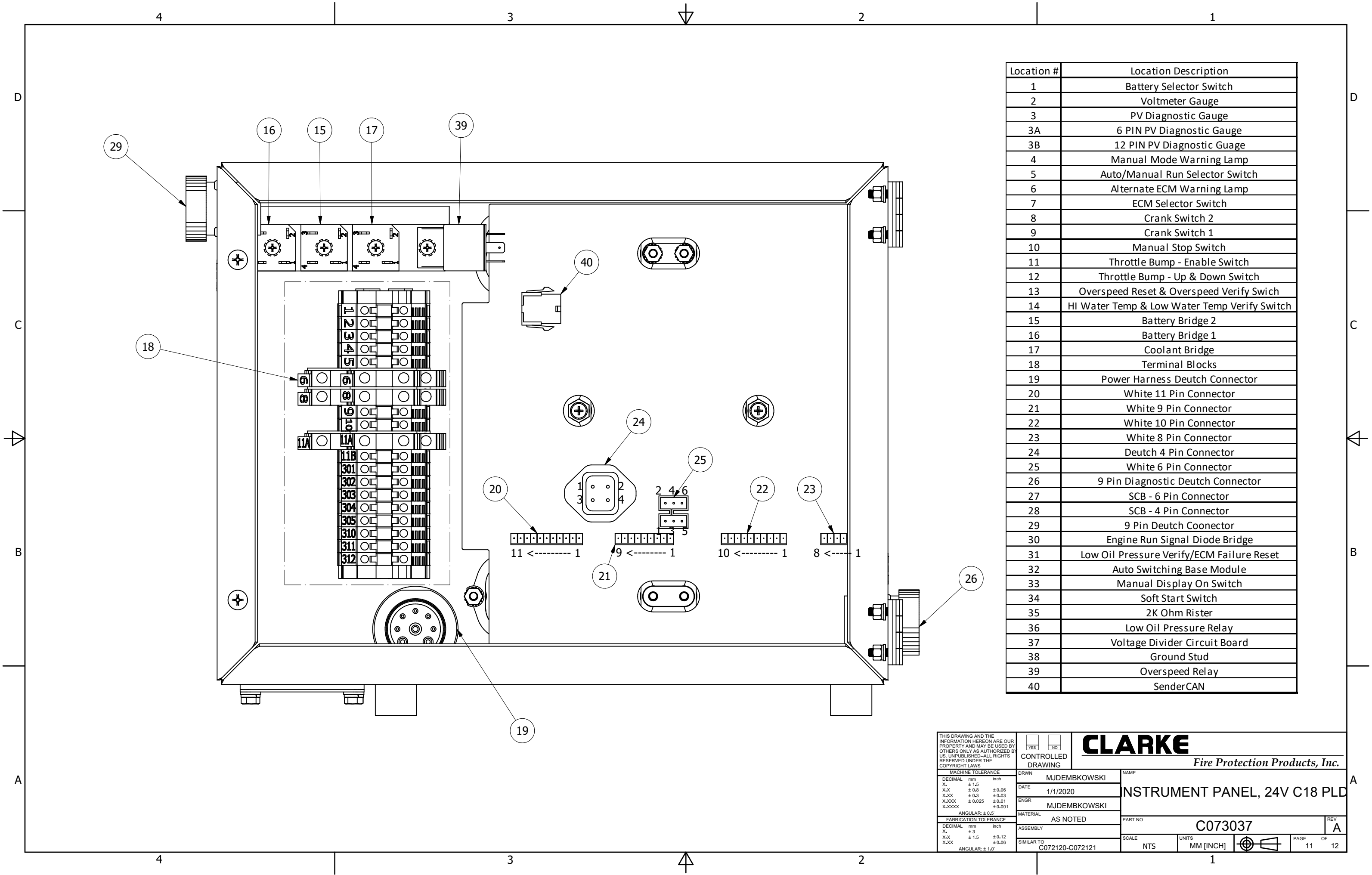
FABRICATION TOLERANCE
DECIMAL mm inch
X. ± 3 ± 0.12
X.X ± 1.5 ± 0.06
X.XX ± 0.5 ± 0.01
ANGULAR: ± 1.0°

YES NO
CONTROLLED DRAWING

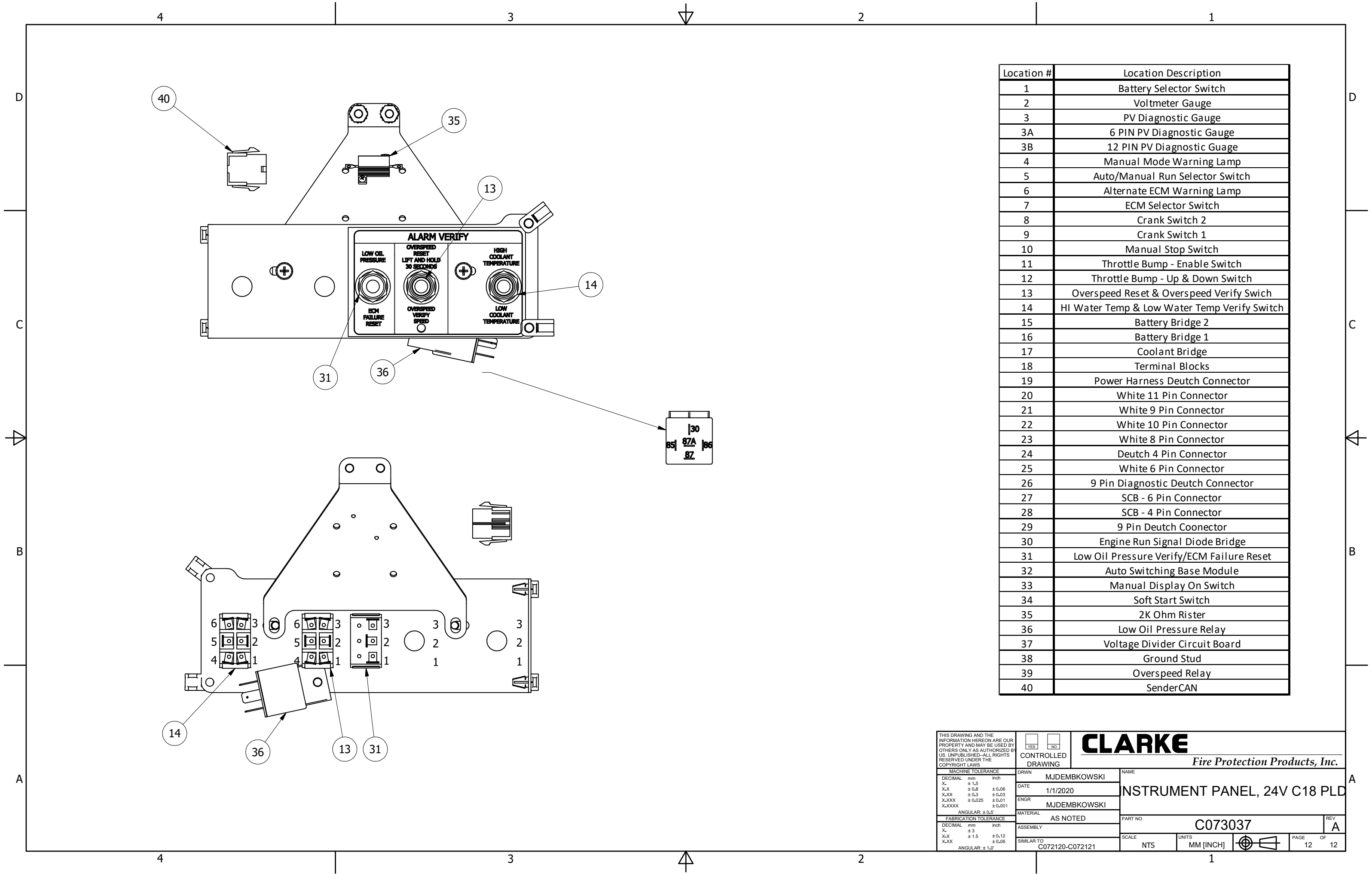
DRWN MJDEMBKOWSKI
DATE 1/1/2020
ENGR MJDEMBKOWSKI
MATERIAL AS NOTED
ASSEMBLY
SIMILAR TO C072120-C072121

CLARKE
Fire Protection Products, Inc.

NAME INSTRUMENT PANEL, 24V C18 PLD
PART NO. C073037
SCALE NTS UNITS MM [INCH]
PAGE 10 OF 12



THIS DRAWING AND THE INFORMATION HEREON ARE OUR PROPERTY AND MAY BE USED BY OTHERS ONLY AS AUTHORIZED BY US. UNPUBLISHED--ALL RIGHTS RESERVED UNDER THE COPYRIGHT LAWS.			☐ ☐ YESNO CONTROLLED DRAWING		CLARKE Fire Protection Products, Inc.		
MACHINE TOLERANCE			DRWN	NAME		INSTRUMENT PANEL, 24V C18 PLD	
DECIMALmminch			MJDEMBKOWSKI				
X± 1.5± 0.06			DATE1/1/2020				
X.X± 0.8± 0.03			ENGRMJDEMBKOWSKI				
X.XXX± 0.025± 0.01			MATERIALAS NOTED				
X.XXXX± 0.001			PART NO.C073037				
ANGULAR: ± 0.5°			REV				
FABRICATION TOLERANCE			A				
DECIMALmminch			SCALE				
X± 3± 0.12			UNITS				
X.X± 1.5± 0.12			MM [INCH]				
X.XX± 0.8± 0.06							
ANGULAR: ± 1.0°			PAGE 11 OF 12				



Location #	Location Description
1	Battery Selector Switch
2	Voltmeter Gauge
3	PV Diagnostic Gauge
3A	6 PIN PV Diagnostic Gauge
3B	12 PIN PV Diagnostic Guage
4	Manual Mode Warning Lamp
5	Auto/Manual Run Selector Switch
6	Alternate ECM Warning Lamp
7	ECM Selector Switch
8	Crank Switch 2
9	Crank Switch 1
10	Manual Stop Switch
11	Throttle Bump - Enable Switch
12	Throttle Bump - Up & Down Switch
13	Overspeed Reset & Overspeed Verify Switch
14	HI Water Temp & Low Water Temp Verify Switch
15	Battery Bridge 2
16	Battery Bridge 1
17	Coolant Bridge
18	Terminal Blocks
19	Power Harness Deutch Connector
20	White 11 Pin Connector
21	White 9 Pin Connector
22	White 10 Pin Connector
23	White 8 Pin Connector
24	Deutch 4 Pin Connector
25	White 6 Pin Connector
26	9 Pin Diagnostic Deutch Connector
27	SCB - 6 Pin Connector
28	SCB - 4 Pin Connector
29	9 Pin Deutch Coonector
30	Engine Run Signal Diode Bridge
31	Low Oil Pressure Verify/ECM Failure Reset
32	Auto Switching Base Module
33	Manual Display On Switch
34	Soft Start Switch
35	2K Ohm Rister
36	Low Oil Pressure Relay
37	Voltage Divider Circuit Board
38	Ground Stud
39	Overspeed Relay
40	SenderCAN

THIS DRAWING AND THE INFORMATION HEREON ARE OUR PROPERTY AND MAY BE USED BY OTHERS ONLY AS AUTHORIZED BY US. UNPUBLISHED--ALL RIGHTS RESERVED UNDER THE COPYRIGHT LAWS

YES

NO

CONTROLLED DRAWING

CLARKE

Fire Protection Products, Inc.

MACHINE TOLERANCE		DRWN	NAME			
DECIMAL	mm inch	MJDEMBKOWSKI				
X.	± 1.5	DATE	1/1/2020			
X.X	± 0.8 ± 0.06	ENGR	MJDEMBKOWSKI			
X.XX	± 0.3 ± 0.03					
X.XXX	± 0.025 ± 0.01					
X.XXXX	± 0.001					
ANGULAR: ± 0.5°						
FABRICATION TOLERANCE		MATERIAL				
DECIMAL	mm inch	AS NOTED				
X.	± 3					
X.X	± 1.5 ± 0.12					
X.XX	± 0.06					
ANGULAR: ± 1.0°						
		PART NO.				
		C073037				
		REV				
		A				
		SCALE	UNITS		PAGE	OF
		C072120-C072121	NTS	MM [INCH]	12	12