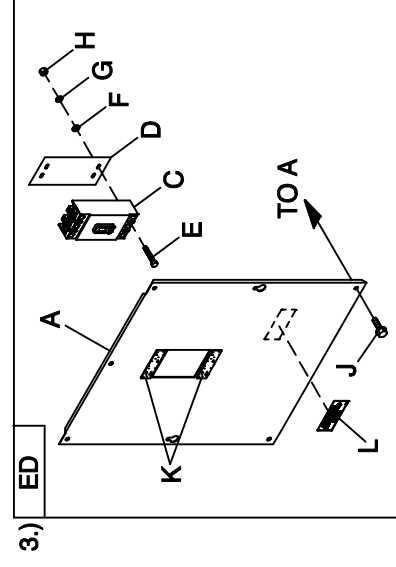
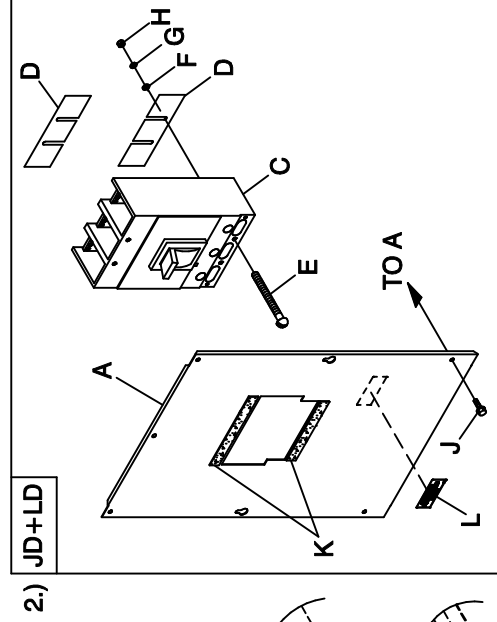
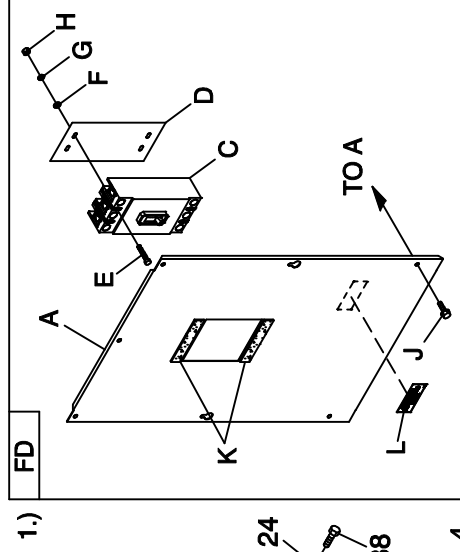


## GROUP A



**EXPLODED VIEW:**  
**CPL C5 H CONTROL CB CONNECTION**  
**DRAWING #: 0H5641**

**PAGE 1 OF 4**

REVISION: A  
DATE: 11/11/09

# EXPLODED VIEW: CPL C5 H CONTROL CB CONNECTION DRAWING #: 0H5641

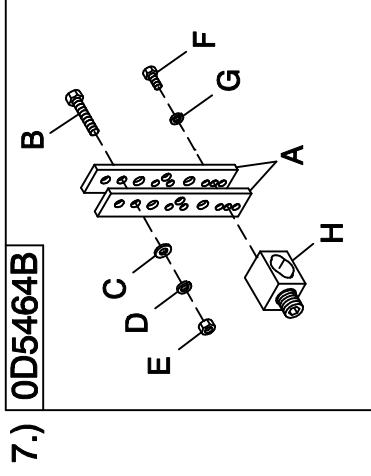
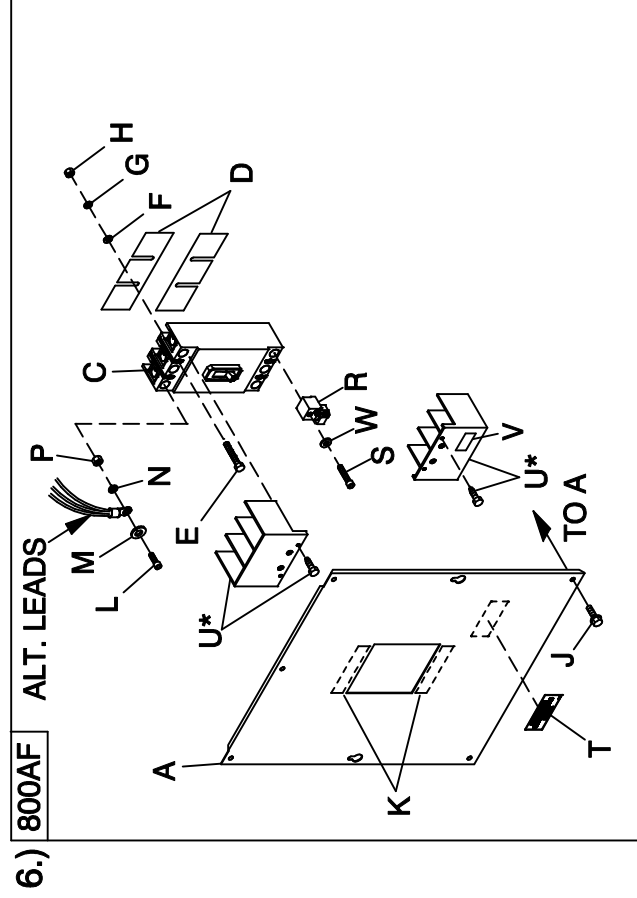
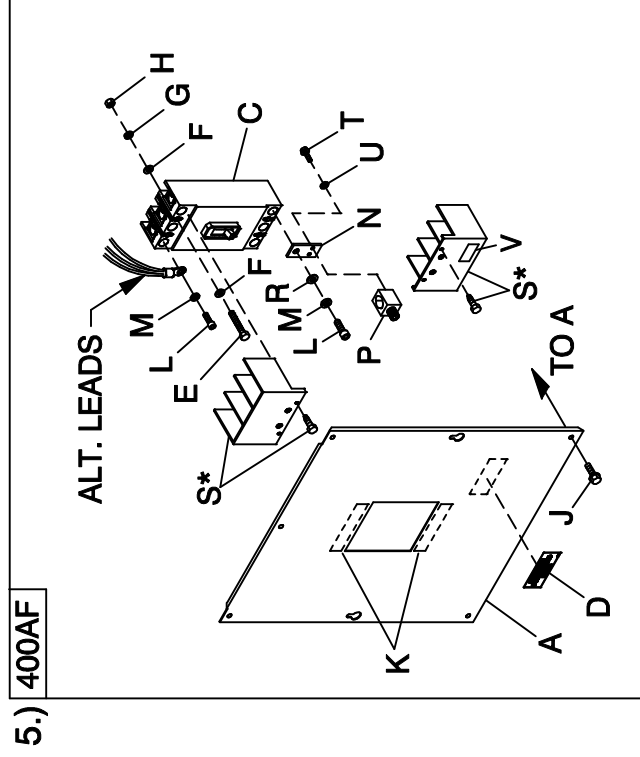
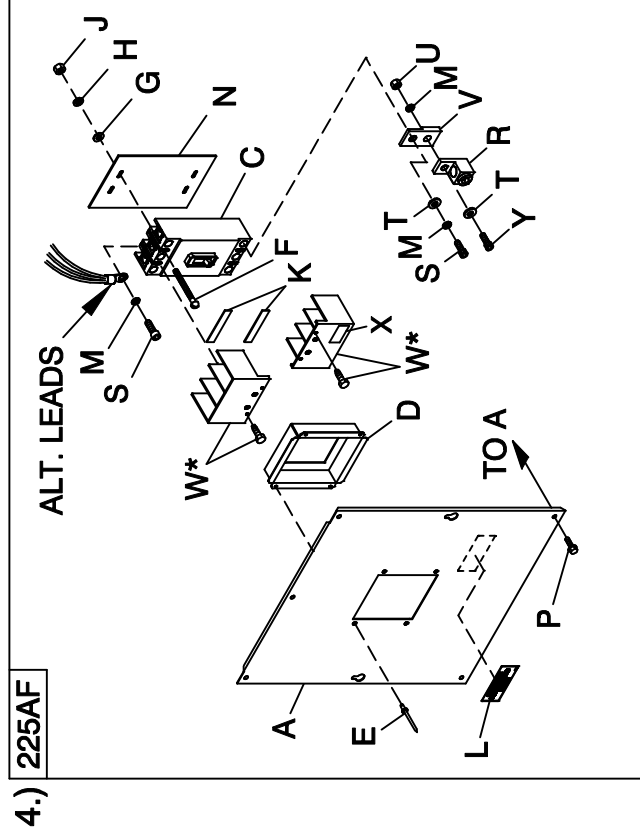
## GROUP A

APPLICABLE TO:

| ITEM  | PART #     | QTY. | DESCRIPTION                                     |
|-------|------------|------|-------------------------------------------------|
| 1     | 0F2885     | 1    | PANEL CB CONN BOX                               |
| 2     | 0F2883     | 1    | STAND RH CONTROL                                |
| 3     | 0F3685     | 1    | STAND LH CONTROL C5 GRBX                        |
| 4     | 023484N    | 1    | BUSHING SNAP SB-2.5-31                          |
|       | 023484N    | 2    | BUSHING SNAP SB-2.5-31 (FOR 5.4L 1000KW 1PHASE) |
| 5     | 086961     | 1    | INTERFACE 1PH 240V                              |
|       | 067617030A | -    | INTERFACE 3PHS 416/480V                         |
|       | 067617030B | -    | INTERFACE 3PHS 208/240V                         |
|       | 072158     | -    | ASSY INTFC 3PH 600V                             |
| 6     | 043180     | 4    | WASHER FLAT M4                                  |
| 7     | 022264     | 6    | WASHER LOCK #8-M4                               |
| 8     | 0C3990     | 6    | SCREW PHTT M4-0.7 X 10 ZYC                      |
| 9*    | 057701     | REF. | BLOCK TERM 20A 8 X 6 X 1100V                    |
| 10    | 022155     | 2    | WASHER LOCK #6                                  |
| 11    | 0C2428     | 2    | SCREW PHTT #6-32 X 1/2 ZYC                      |
| 12    | 0F3618     | 1    | DECAL CPL CUST CONN H CTRL                      |
| 13    | 0A9457     | 1    | DECAL NEUTRAL                                   |
| 14    | 057073     | 2    | JUNCTION BLOCK 3/8-16                           |
| 15**  | 0D5466     | REF. | BUS BAR NEUTRAL BLOCK 390                       |
| 16**  | 0A7822     | REF. | LUG SLDLSS 600/250-1/0 X 1/4-28                 |
| 17    | 022237     | 4    | WASHER LOCK 3/8                                 |
| 18    | 022241     | 4    | NUT HEX 3/8-16 STEEL                            |
| 19    | 049226     | 6    | WASHER LOCK M5                                  |
| 20    | 0C2266     | 6    | SCREW PHTT M5-0.8 X 16 ZYC                      |
| 21    | 0C2454     | 10   | SCREW THF M6-1 X 16 N WA Z/JS                   |
| 22    | 042568     | 4    | SCREW HHC M6-1.0 X 20 G8.8                      |
| 23    | 022473     | 12   | WASHER FLAT 1/4-M6 ZINC                         |
| 24    | 022097     | 8    | WASHER LOCK M6-1/4                              |
| 25    | 049813     | 4    | NUT HEX M6 X 1.0 G8 YEL CHR                     |
| 26    | 0E9764     | 6"   | RAIL SNAPTRACK PCB HOLDER BULK                  |
| 27    | 0G6962B    | 1    | ASSY RELAY PCB 12VDC                            |
| 28    | 025433     | 1    | LUG SLDLSS #6-14 X 13/64 CU                     |
| 29    | 024469     | 1    | SCREW HHTT #10-32 X 3/8 CZ                      |
| 30    | 067210A    | 1    | DECAL GROUND LUG                                |
| 31    | 0D6029     | 4    | SCREW HHTT M6-1.0 X 16 ZYC                      |
| 32    | 051713     | 2    | WASHER FLAT M5                                  |
| 33    | 081008     | 1    | GROMMET 1.25 X .25 X .75                        |
| 34    | 077043J    | 3    | CONDUIT FLEX 2.0" ID                            |
|       | 077043J    | 4    | CONDUIT FLEX 2.0" ID (FOR 5.4L/100KW 1 PHASE)   |
| 35    | 0F6156     | 1    | PLATE WIRE SNGL GALV                            |
| 36    | 029289     | 1    | TAPE ELEC 1/2 FOAM (AS REQ'D)                   |
| 37*** | 0H5631     | REF. | ASSY PCB 5.4L IGN MOD PRGRMMED                  |
| 38    | 047411     | 4    | SCREW HHC M6-1.0 X 16 G8.8                      |
| 39    | 033526     | 2    | SCREW PHM #8-32 X 2-3/4 ZINC                    |
| 40    | 023897     | 3    | WASHER FLAT #10 ZINC                            |
| 41    | 022152     | 2    | WASHER LOCK #10                                 |
| 42    | 022158     | 2    | NUT HEX #10-32 STEEL                            |
| 43    | 0F8565     | 1    | DECAL H-100 RB3 CUST CONN                       |
| 44    | 045764     | 1    | SCREW HHTT M4-0.7 X 8 ZP                        |
| 45    | 023762     | 1    | WASHER SHAKEPROOF EXT #10 STL                   |
| 46    | 055519     | 2    | SPACER .31 X .75 X 1 ST/ZNC                     |

| ITEM                           | PART # | QTY. | DESCRIPTION                   |
|--------------------------------|--------|------|-------------------------------|
| 1.)                            |        |      | UL CIRCUIT BREAKER (FD)       |
| A                              | 0F2887 | 1    | COVER FD FRM CB               |
| C                              | 0D5572 | -    | CB 0150A 3P 600V S FD6 LL     |
|                                | 0D5573 | -    | CB 0175A 3P 600V S FD6 LL     |
|                                | 0D5574 | -    | CB 0200A 3P 600V S FD6 LL     |
|                                | 0D5575 | -    | CB 0225A 3P 600V S FD6 LL     |
|                                | 0D5576 | -    | CB 0250A 3P 600V S FD6 LL     |
| D                              | 0F0199 | 1    | INSULATOR CB FD FRAME 30MIL   |
| E                              | 065960 | 4    | SCREW SHC 1/4-20 X 4 G8.8 NZ  |
| F                              | 022473 | 4    | WASHER FLAT 1/4-M6 ZINC       |
| G                              | 022097 | 4    | WASHER LOCK M6-1/4            |
| H                              | 022127 | 4    | NUT HEX 1/4-20 STEEL          |
| J                              | 0C2454 | 4    | SCREW THF M6-1 X 16 N WA Z/JS |
| K                              | 029289 | 1    | TAPE ELEC 1/2 FOAM (AS REQ'D) |
| L                              | 0F1733 | 1    | DECAL CUSTOMER CONNECT INSIDE |
| 2.)                            |        |      | UL CIRCUIT BREAKER (JD+LD)    |
| A                              | 0F2721 | 1    | COVER CIR BRKR JD/LD          |
| C                              | 0D5577 | -    | CB 0300A 3P 600V S JD6 LL     |
|                                | 0D5578 | -    | CB 0350A 3P 600V S JD6 LL     |
|                                | 0D5579 | -    | CB 0400A 3P 600V S JD6 LL     |
|                                | 0D5581 | -    | CB 0600A 3P 600V S LD6        |
|                                | 0D5585 | -    | CB 0450A 3P 600V S LD6 LL     |
| D                              | 0F2353 | 2    | INSULATOR CIRCUIT BR. JD/LD   |
| E                              | 022770 | 4    | SCREW RHM 1/4-20 X 3          |
| F                              | 022473 | 4    | WASHER FLAT 1/4-M6 ZINC       |
| G                              | 022097 | 4    | WASHER LOCK M6-1/4            |
| H                              | 022127 | 4    | NUT HEX 1/4-20 STEEL          |
| J                              | 0C2454 | 7    | SCREW THF M6-1 X 16 N WA Z/JS |
| K                              | 029289 | 1    | TAPE ELEC 1/2 FOAM (AS REQ'D) |
| L                              | 0F1733 | 1    | DECAL CUSTOMER CONNECT INSIDE |
| 3.)                            |        |      | UL CIRCUIT BREAKER (ED)       |
| A                              | 0F3327 | 1    | COVER,ED CB TALL              |
| C                              | 0D5556 | 1    | CB 0090A 3P 480V S ED4 LL     |
|                                | 0D5566 | -    | CB 0060A 3P 600V S ED6 LL     |
|                                | 0D5568 | -    | CB 0080A 3P 600V S ED6 LL     |
|                                | 0D5570 | -    | CB 0100A 3P 600V S ED6 LL     |
|                                | 0D9693 | -    | CB 0125A 3P 480V S ED4 LL     |
| D                              | 0F0492 | 1    | INSULATOR CB S (ED-3P)        |
| E                              | 048927 | 4    | SCREW RHM #10-32 X 4-1/2      |
| F                              | 023897 | 4    | WASHER FLAT #10 ZINC          |
| G                              | 022152 | 4    | WASHER LOCK #10               |
| H                              | 022158 | 4    | NUT HEX #10-32 STEEL          |
| J                              | 0C2454 | 7    | SCREW THF M6-1 X 16 N WA Z/JS |
| K                              | 029289 | 1    | TAPE ELEC 1/2 FOAM (AS REQ'D) |
| L                              | 0F1733 | 1    | DECAL CUSTOMER CONNECT INSIDE |
| * ITEM INCLUDED WITH HARNESS.  |        |      |                               |
| ** ITEM INCLUDED WITH 0D5464B. |        |      |                               |
| *** ITEM IS PART OF 9R.        |        |      |                               |

## GROUP A



EXPLODED VIEW: CPL C5 H CONTROL CB CONNECTION  
DRAWING #: 0H5641

GROUP A

APPLICABLE TO:

| ITEM | PART #   | QTY. | DESCRIPTION                     |
|------|----------|------|---------------------------------|
| 3.)  |          |      | UL CIRCUIT BREAKER (225AF)      |
| A    | 0F4173   | 1    | COVER CB C5 225AF               |
| C    | 0F4165\$ | REF  | CIRCUIT BREAKERS 200A FRAME     |
| D    | 0F4186   | 1    | COVER CB DISH 225AF             |
| E    | 036261   | 4    | RIVET POP .125 X .275 SS        |
| F    | 053640   | 4    | SCREW RHM #8-32 X 3-1/4         |
| G    | 038150   | 4    | WASHER FLAT #8 ZINC             |
| H    | 022264   | 4    | WASHER LOCK #8-M4               |
| J    | 022471   | 4    | NUT HEX #8-32 STEEL             |
| K    | 029289   | 2    | TAPE ELEC 1/2 FOAM              |
| L    | 0F1733   | 1    | DECAL CUSTOMER CONNECT INSIDE   |
| M    | 022129   | 9    | WASHER LOCK M8-5/16             |
| N    | 0F8432   | 1    | INSULATOR CB 225AF              |
| P    | 0C2454   | 7    | SCREW THF M6-1 X 16 N WA Z/JS   |
| R    | 0F8451   | 3    | LUG SLDLSS 300 MCM-6 AL/CU      |
| S    | 049897   | 6    | SCREW SHC M8-1.25 X 20 G8       |
| T    | 022145   | 6    | WASHER FLAT 5/16-M8 ZINC        |
| U    | 045771   | 3    | NUT HEX M8-1.25 G8 CLEAR ZINC   |
| V    | 0F8843   | 3    | BUS BAR 200A LUG ADAPTOR        |
| W*   | W/CB     | 2    | TERMINAL COVER CB               |
| X    | 0G3259   | 1    | DECAL TERMINAL SHOCK HZD BI     |
| Y    | 058306   | 3    | SCREW SHC M8-1.25 X 25 G12.9    |
| 4.)  |          |      | UL CIRCUIT BREAKER (400AF)      |
| A    | 0F4175   | 1    | COVER CB C5 400AF               |
| C    | 0F4166\$ | REF  | CIRCUIT BREAKERS 400A FRAME     |
| D    | 0F1733   | 1    | DECAL CUSTOMER CONNECT INSIDE   |
| E    | 042419   | 4    | SCREW RHM 10-32 X 4             |
| F    | 023897   | 8    | WASHER FLAT #10 ZINC            |
| G    | 022152   | 4    | WASHER LOCK #10                 |
| H    | 022158   | 4    | NUT HEX #10-32 STEEL            |
| J    | 0C2454   | 7    | SCREW THF M6-1 X 16 N WA Z/JS   |
| K    | 029289   | 1    | TAPE ELEC 1/2 FOAM              |
| L    | 052647   | 6    | SCREW SHC M10-1.5 X 25 G12.9    |
| M    | 046526   | 6    | WASHER LOCK M10                 |
| N    | W/CB     | 3    | BUS BAR CB ADAPTER 225-400 A    |
| P    | 0A7822   | 3    | LUG SLDLSS 600/250-1/0 X 1/4-28 |
| R    | 022131   | 3    | WASHER FLAT 3/8-M10 ZINC        |
| S*   | W/CB     | 2    | TERM COVER CB                   |
| T    | 023334   | 6    | SCREW HHC 1/4-28 X 1/2 G5       |
| U    | 022097   | 6    | WASHER LOCK M6-1/4              |
| V    | 0G3259   | 1    | DECAL TERMINAL SHOCK HZD BI     |

| ITEM | PART #   | QTY. | DESCRIPTION                    |
|------|----------|------|--------------------------------|
| 5.)  |          |      | UL CIRCUIT BREAKER (800AF)     |
| A    | 0F4176   | 1    | COVER CB C5 800AF              |
| C    | 0F4167\$ | REF  | CIRCUIT BREAKERS 800A FRAME    |
| D    | 0F8433   | 2    | INSULATOR CB 800AF             |
| E    | 024196   | 4    | SCREW RHM 1/4-20 X 3-1/2       |
| F    | 022473   | 4    | WASHER FLAT 1/4-M6 ZINC        |
| G    | 022097   | 4    | WASHER LOCK M6-1/4             |
| H    | 022127   | 4    | NUT HEX 1/4-20 STEEL           |
| J    | 0C2454   | 7    | SCREW THF M6-1X16 N WA Z/JS    |
| K    | 029289   | 2    | TAPE ELEC 1/2 FOAM             |
| L    | 060619   | 2/3  | SCREW SHC M10-1.50 X 40 G12.9  |
| M    | 022131   | 2/3  | WASHER FLAT 3/8-M10 ZINC       |
| N    | 022237   | 2/3  | WASHER LOCK 3/8                |
| P    | 045772   | 2/3  | NUT HEX M10-1.5 G8 YEL CHR     |
| R    | 0F9721   | 2/3  | LUG SLDLSS 3/0-400X3 MCM AL/CU |
| S    | 0D2157   | 4/6  | SCREW SHC M6-1.0 X 50 G8.8     |
| T    | 0F1733   | 1    | DECAL CUSTOMER CONNECT INSIDE  |
| U*   | W/CB     | 2    | TERM COVER VITZROTECH 400AF CB |
| V    | 0G3259   | 1    | DECAL TERMINAL SHOCK HZD BI    |
| W    | 022097   | 4/6  | WASHER LOCK M6-1/4             |
| 6.)  |          |      | NEUTRAL BLOCK 390 / 200-400A   |
| A    | 0D5466   | 2    | BUS BAR NEUTRAL BLOCK 390      |
| B    | 039287   | 1    | SCREW HHC M8-1.25 X 45 G8.8 FT |
| C    | 022145   | 1    | WASHER FLAT 5/16-M8 ZINC       |
| D    | 022129   | 1    | WASHER LOCK M8-5/16            |
| E    | 045771   | 1    | NUT HEX M8-1.25 G8 YEL CHR     |
| F    | 045335   | 2    | SCREW HHC 1/4-28 X 3/4 G5      |
| G    | 022097   | 2    | WASHER LOCK M6-1/4             |
| H    | 0A7822   | 1    | LUG SLDLSS 600/250-1/0X1/4-28  |

\* HARDWARE FOR MTG. CB TERMINAL COVERS IS SUPPLIED WITH CIRCUIT BREAKERS.