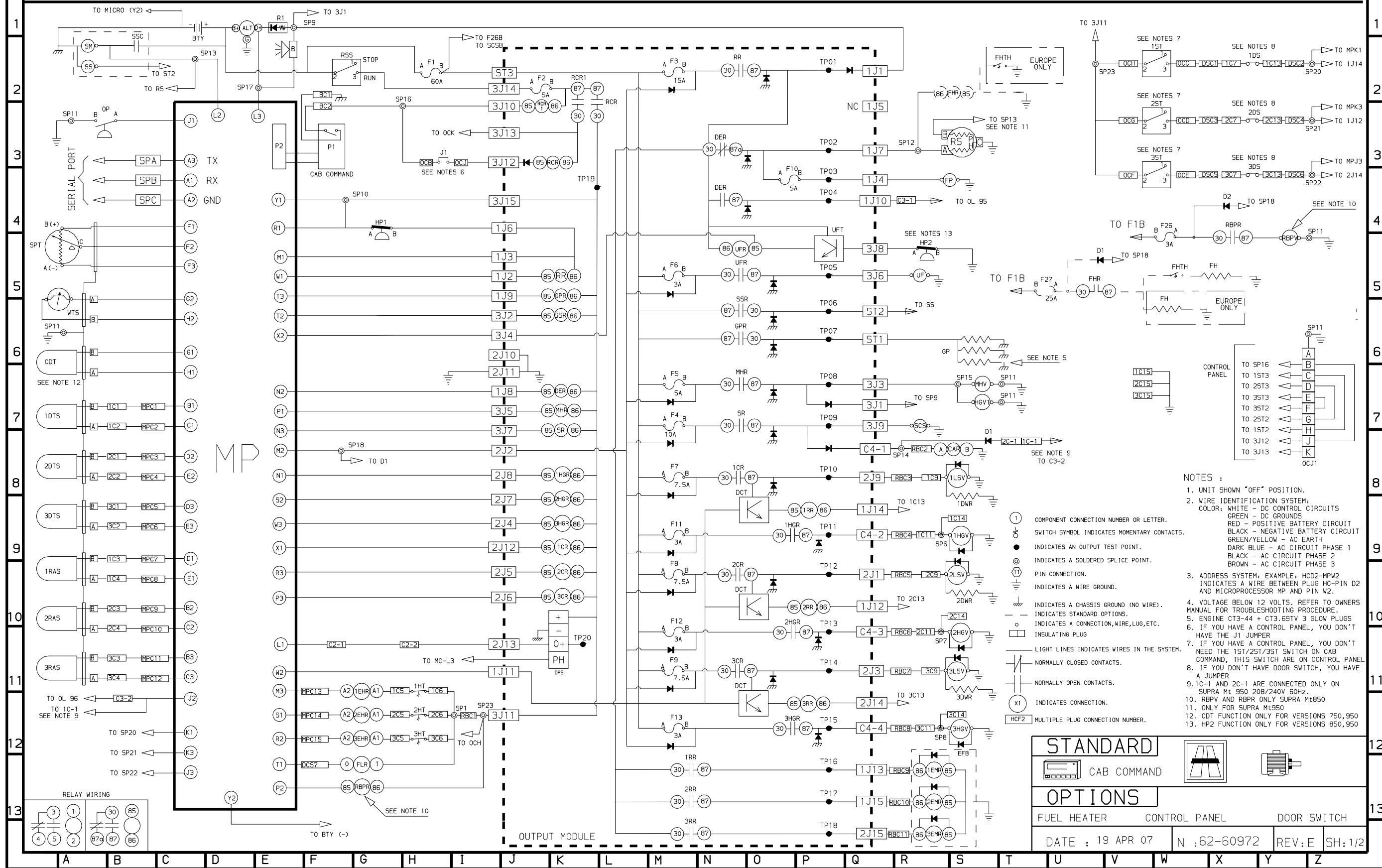


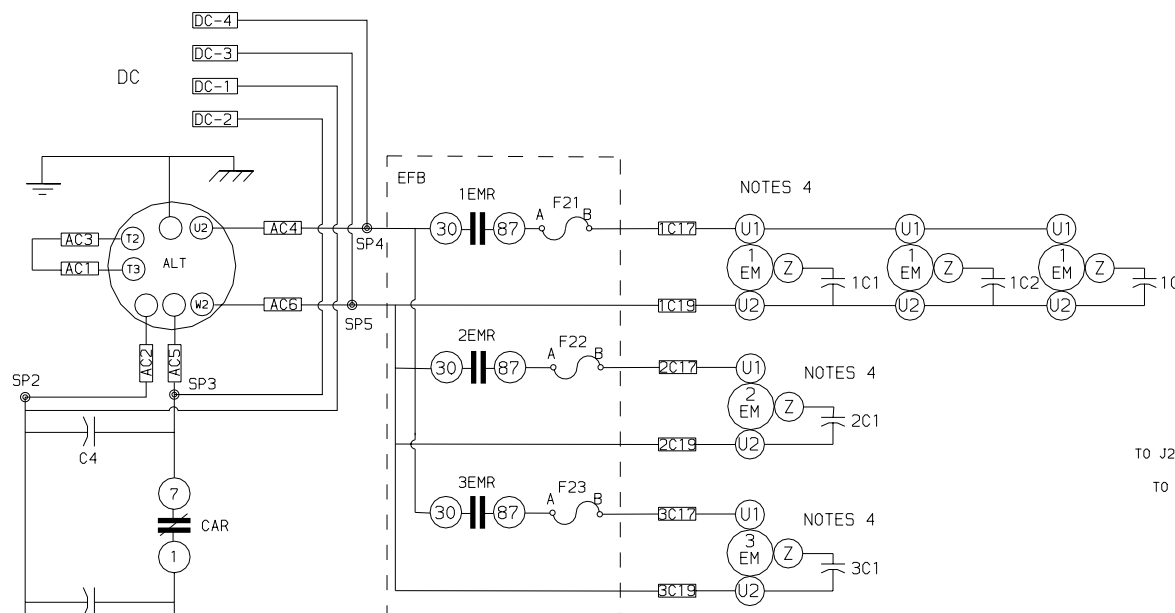


SUPRA M^o

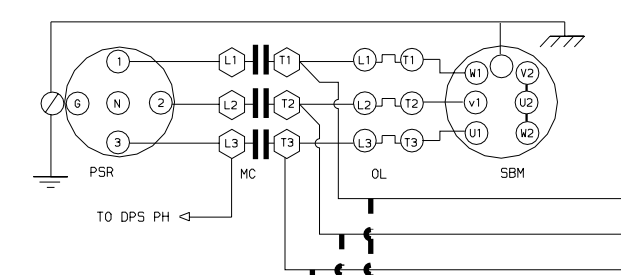


- NOTES :**
- UNIT SHOWN "OFF" POSITION.
 - WIRE IDENTIFICATION SYSTEM:
 COLOR: WHITE - DC CONTROL CIRCUITS
 GREEN - DC GROUNDS
 RED - POSITIVE BATTERY CIRCUIT
 BLACK - NEGATIVE BATTERY CIRCUIT
 GREEN/YELLOW - AC EARTH
 DARK BLUE - AC CIRCUIT PHASE 1
 BLACK - AC CIRCUIT PHASE 2
 BROWN - AC CIRCUIT PHASE 3
 - ADDRESS SYSTEM: EXAMPLE: HCD2-MPW2
 INDICATES A WIRE BETWEEN PLUG HC-PIN D2 AND MICROPROCESSOR MP AND PIN W2.
 - VOLTAGE BELOW 12 VOLTS. REFER TO OWNERS MANUAL FOR TROUBLESHOOTING PROCEDURE.
 - ENGINE CT3-44 + CT3.69TV 3 GLOW PLUGS
 - IF YOU HAVE A CONTROL PANEL, YOU DON'T HAVE THE J1 JUMPER
 - IF YOU HAVE A CONTROL PANEL, YOU DON'T NEED THE 1ST/2ST/3ST SWITCH ON CAB COMMAND, THIS SWITCH ARE ON CONTROL PANEL
 - IF YOU DON'T HAVE DOOR SWITCH, YOU HAVE A JUMPER
 - 1C-1 AND 2C-1 ARE CONNECTED ONLY ON SUPRA M^o 950 208/240V 60Hz.
 - RBPR AND RBPR ONLY SUPRA M^o 850
 - ONLY FOR SUPRA M^o 950
 - CDT FUNCTION ONLY FOR VERSIONS 750, 950
 - HP2 FUNCTION ONLY FOR VERSIONS 750, 950

| | | | |
|------------------|---------------|-------------|---------|
| STANDARD | | | |
| CAB COMMAND | | | |
| OPTIONS | | | |
| FUEL HEATER | CONTROL PANEL | DOOR SWITCH | |
| DATE : 19 APR 07 | N : 62-60972 | REV: E | SH: 1/2 |



440V, 460V 60Hz 3PH
400V, 415V, 440V 50Hz 3PH

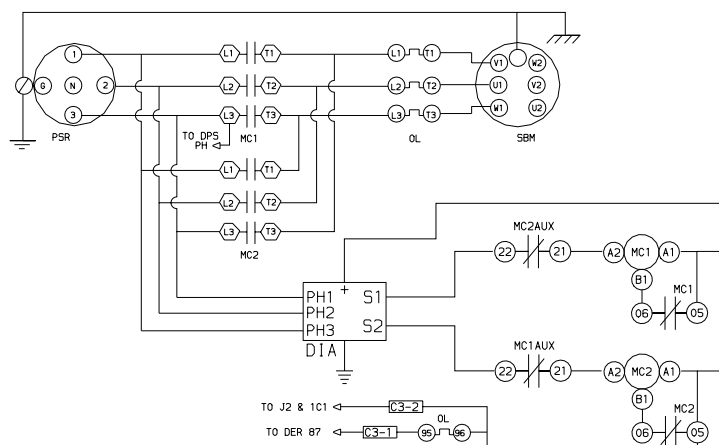
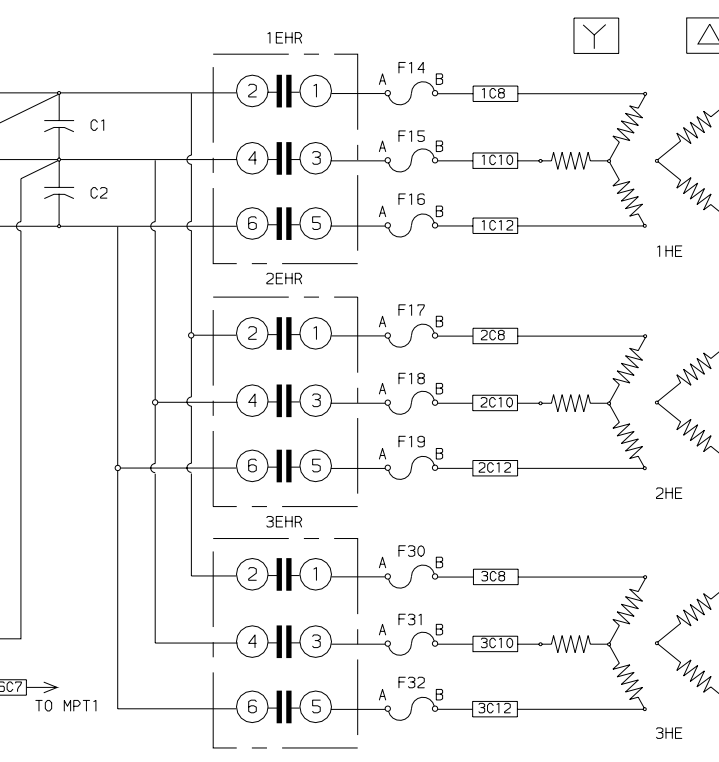
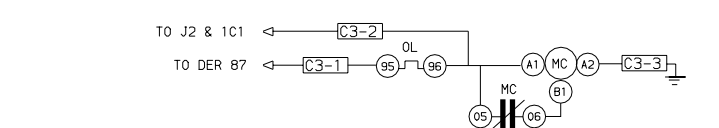


208V, 220V, 230V 60Hz 3PH
230V 50Hz 3PH

| FUSES F14..F19,F30..F32 VALUE | | | |
|-------------------------------|-----------|-----------|--|
| COMPARTMENT | 2 | 3 | |
| TYPE OF UNIT | 2 | 3 | |
| 750/850 400V. | 3 AMPS. | 3 AMPS. | |
| 750/850 230V. | 3 AMPS. | 3 AMPS. | |
| 950 400V. | 4 AMPS. | 3 AMPS. | |
| 950 230V. | 6.3 AMPS. | 6.3 AMPS. | |

| FUSES F21...F23 VALUE | | | |
|-----------------------|---------------|---------------|---------------|
| | 1ST COMP. F21 | 2ND COMP. F22 | 3RD COMP. F23 |
| 1 FAN | 1.6A | 1.6A | 1.6A |
| 2 FANS | 3.15A | 3.15A | 3.15A |
| 3 FANS | 5A | 5A | 5A |
| 4 FANS | 6.3A | 6.3A | 6.3A |

| LOCATION | SHEET | SYMBOL | DESCRIPTION | LOCATION IN FRAME |
|-----------------------|-------|--------------------|---|-------------------|
| D-2 | 2 | ALT | ALTERNATEUR (SINGLE PHASE) | FRAME |
| E-1 | 1 | ALT | ALTERNATOR | MID FRAME |
| F-1 | 1 | B | BUZZER | CONTROL BOX |
| G-7/D-3/D-4 | 1/2 | BTY | BATTERY | |
| A-6 | 1 | CAR | CAPACITOR ALTERNATOR RELAY | CONTROL BOX |
| K-9/O-8 | 1 | CDT | COMPRESSOR DISCHARGE TEMPERATURE SENSOR | COMPRESSOR |
| K-9/O-9 | 1 | 1CR | COOL RELAY (1st COMPARTMENT) | CONTROL BOX |
| K-9/O-10 | 1 | 2CR | COOL RELAY (2nd COMPARTMENT) | CONTROL BOX |
| K-10/O-11 | 1 | 3CR | COOL RELAY (3rd COMPARTMENT) | CONTROL BOX |
| U-5/K-6 | 2 | C4 | CAPACITOR (HEATERS) | CONTROL BOX |
| C-3 | 2 | C1/2/3 | CAPACITOR 6mF FOR R70/R80, 8mF FOR R90 | CONTROL BOX |
| C-4 | 2 | C5 | CAPACITOR 6mF FOR R7/R80, 8mF FOR R90 | CONTROL BOX |
| T-7 | 2 | D1 | DIODE | CONTROL BOX |
| D-1 | 2 | DC | DIAGNOSTIC CONNECTOR | CONTROL BOX |
| O-8/O-10/O-11 | 1 | DET | DEFROST COMPARTMENT TRANSISTOR | CONTROL BOX |
| S-6/O-3 | 1 | DER | DIESEL ELECTRIC RELAY | CONTROL BOX |
| O-13 | 2 | DIA | DETECTOR INVERT AUTOMATIC | STBY BOX |
| K-11 | 1/2 | DPS | DETECTOR POWER SUPPLY | CONTROL BOX |
| Y-2 | 1 | 1DS | DOOR SWITCH (1st COMPARTMENT) | EVAPORATOR |
| Y-3 | 1 | 2DS | DOOR SWITCH (2nd COMPARTMENT) | EVAPORATOR |
| Y-4 | 1 | 3DS | DOOR SWITCH (3rd COMPARTMENT) | EVAPORATOR |
| A-7 | 1 | 1DTS | DEFROST THERMISTOR SENSOR (1st COMPARTMENT) | EVAPORATOR |
| A-8 | 1 | 2DTS | DEFROST THERMISTOR SENSOR (2nd COMPARTMENT) | EVAPORATOR |
| A-8 | 1 | 3DTS | DEFROST THERMISTOR SENSOR (3rd COMPARTMENT) | EVAPORATOR |
| S-8/S-10/S-11 | 1 | 1,2,3DWR | DRAIN WATER RESISTANCE (1st, 2nd, 3rd) | EVAPORATOR |
| S-12/F-2 | 1/2 | EFB | ELECTRIC FAN BOARD | CONTROL BOX |
| G-11/O-6 | 1/2 | 1EHR | ELECTRIC HEAT RELAY (1st COMPARTMENT) | CONTROL BOX |
| G-12/O-8 | 1/2 | 2EHR | ELECTRIC HEAT RELAY (2nd COMPARTMENT) | CONTROL BOX |
| G-12/O-10 | 1/2 | 3EHR | ELECTRIC HEAT RELAY (3rd COMPARTMENT) | CONTROL BOX |
| I-2 | 2 | 1EM | ELECTRIC MOTOR (1ST COMPARTMENT) | EVAPORATOR |
| I-3 | 2 | 2EM | ELECTRIC MOTOR (2ND COMPARTMENT) | EVAPORATOR |
| I-4 | 2 | 3EM | ELECTRIC MOTOR (3RD COMPARTMENT) | EVAPORATOR |
| S-12/G-1 | 2 | 1EMR | ELECTRIC MOTOR RELAY (1ST COMPARTMENT) | CONTROL BOX |
| S-13/G-2 | 2 | 2EMR | ELECTRIC MOTOR RELAY (2ND COMPARTMENT) | CONTROL BOX |
| S-13/G-3 | 2 | 3EMR | ELECTRIC MOTOR RELAY (3RD COMPARTMENT) | CONTROL BOX |
| R-6 | 1 | 1HE | HEATER ELEMENT (1ST COMPARTMENT) | EVAPORATOR |
| R-8 | 1 | 2HE | HEATER ELEMENT (2ND COMPARTMENT) | EVAPORATOR |
| R-9 | 1 | 3HE | HEATER ELEMENT (3RD COMPARTMENT) | EVAPORATOR |
| I-2 | 1 | F1 | FUSE (MAXI FUSE 60A) | CONTROL BOX |
| M-2 | 1 | F3 | FUSE 15A | CONTROL BOX |
| M-5/M-9/M-10/M-12/V5 | 1 | F6, 11, 12, 13, 26 | FUSE 3A | CONTROL BOX |
| K-3, P-4, I-10 | 1/2 | F2, 10, 28 | FUSE 5A | CONTROL BOX |
| M-6 | 1 | F5 | FUSE 2A | CONTROL BOX |
| M-9/M-10/M-11 | 1 | F7, F8, F9 | FUSE 7.5A | CONTROL BOX |
| N-9 | 1 | F4 | FUSE 10A | CONTROL BOX |
| Y-5 | 1 | F27 | FUSE 25A | CONTROL BOX |
| P-6...P-10 | 2 | F14..F19,F30..F32 | SEE CHART | CONTROL BOX |
| H-1...H-3 | 2 | F21...F23 | SEE CHART | CONTROL BOX |
| G-12/J-10 | 2 | FLR | FLASHING RELAY | CONTROL BOX |
| I-2 | 1 | FH | FUEL HEATER (OPTION) | ENGINE |
| S-2/X-5 | 1 | FHR | FUEL HEATER RELAY (OPTION) | CONTROL BOX |
| T-2/W-5 | 1 | FHTH | FUEL HEATER THERMOSTAT (OPTION) | ENGINE |
| S-3 | 1 | FP | FUEL PUMP | FUEL TANK |
| S-6 | 1 | GP | GLOW PLUG | ENGINE |
| K-5/O-6 | 1 | GPR | GLOW PLUG RELAY | CONTROL BOX |
| K-8/P-9 | 1 | 1HGR | HOT GAS RELAY (1st COMPARTMENT) | CONTROL BOX |
| K-8/P-10 | 1 | 2HGR | HOT GAS RELAY (2nd COMPARTMENT) | CONTROL BOX |
| L-8/P-12 | 1 | 3HGR | HOT GAS RELAY (3rd COMPARTMENT) | CONTROL BOX |
| S-9 | 1 | 1HGV | HOT GAS VALVE (1st COMPARTMENT) | EVAPORATOR |
| S-10 | 1 | 2HGV | HOT GAS VALVE (2nd COMPARTMENT) | EVAPORATOR |
| S-12 | 1 | 3HGV | HOT GAS VALVE (3rd COMPARTMENT) | EVAPORATOR |
| H-11 | 1 | HGV1 | HOT GAS VALVE | EVAPORATOR |
| G-4 | 1 | HP1 | HIGH PRESSURE CUT-OUT SWITCH 1 | COMPRESSOR |
| R-4 | 1 | HP2 | HIGH PRESSURE CUT-OUT SWITCH 2 | COMPRESSOR |
| H-11 | 1 | 1HT | HEAT THERMOSTAT (1st COMPARTMENT) | EVAPORATOR |
| H-11 | 1 | 2HT | HEAT THERMOSTAT (2nd COMPARTMENT) | EVAPORATOR |
| H-12 | 1 | 3HT | HEAT THERMOSTAT (3rd COMPARTMENT) | EVAPORATOR |
| J-1 | 1 | JUMPER 1 | JUMPER 1 | CONTROL BOX |
| S-8 | 1 | 1LSV | LIQUID SOLENOID VALVE (1st COMPARTMENT) | EVAPORATOR |
| S-9 | 1 | 2LSV | LIQUID SOLENOID VALVE (2nd COMPARTMENT) | EVAPORATOR |
| S-11 | 1 | 3LSV | LIQUID SOLENOID VALVE (3rd COMPARTMENT) | EVAPORATOR |
| K-10-7/D-9 | 1/2 | MC | MOTOR CONTACTOR | CONTROL BOX |
| N-11/Q-13/R-12 | 2 | MC1 | MOTOR CONTACTOR 1 | STBY BOX |
| G-6 | 1 | MC2 | MOTOR CONTACTOR 2 | STBY BOX |
| G-6 | 1 | MGC | MANUAL GLOW/CRANK | CONTROL BOX |
| K-7/O-6 | 1 | MHR | MAIN HEAT RELAY | CONTROL BOX |
| MHV | 1 | MHV | MAIN HEAT VALVE | FRAME |
| D-13/D-2 | 1 | MP | MICROPROCESSOR BOARD | CONTROL BOX |
| Z-7 | 1 | OCJ1 | OPTION CONNECTOR (10 WAY) | ENGINE |
| P-4/E-7/E-9/P-11/P-13 | 2 | OL | OVERLOAD PROTECTOR | CONTROL BOX |
| B-2 | 1 | OP | OIL PRESSURE SAFETY SWITCH (NO) | ENGINE |
| F-3 | 1 | P1 | CAB COMMAND PLUG CONNECTOR | CONTROL BOX |
| F-3 | 1 | P2 | MICROPROCESSOR-CAB COMMAND PLUG CONNECTOR | CONTROL BOX |
| A-7/A-9/L-11 | 2 | PSR | POWER SUPPLY RECEPTACLE | CONTROL BOX |
| A-9 | 1 | 1RAS | RETURN AIR SENSOR (1st COMPARTMENT) | EVAPORATOR |
| A-10 | 1 | 2RAS | RETURN AIR SENSOR (2nd COMPARTMENT) | EVAPORATOR |
| A-11 | 1 | 3RAS | RETURN AIR SENSOR (3rd COMPARTMENT) | EVAPORATOR |
| K-2/L3 | 1 | RCR | RUN CONTROL RELAY | CONTROL BOX |
| G-13/X-4 | 1 | RBPV | REGULATION BY PASS RELAY | CONTROL BOX |
| Y-4 | 1 | RBPV | REGULATION BY PASS VALVE | COMPRESSOR |
| S-3 | 1 | R5 | RUN SOLENOID | ENGINE |
| E-1 | 1 | R1 | RESISTOR | CONTROL BOX |
| P-6/N-13 | 1 | 1RR | RUN RELAY (1st COMPARTMENT) | CONTROL BOX |
| P-10/N-13 | 1 | 2RR | RUN RELAY (2nd COMPARTMENT) | CONTROL BOX |
| P-11/N-13 | 1 | 3RR | RUN RELAY (3rd COMPARTMENT) | CONTROL BOX |
| G-2 | 1 | RSS | RUN SWITCH | CONTROL BOX |
| R-7 | 1 | SCS | SPEED CONTROL SOLENOID | ENGINE |
| F-7/F-9/Q-11 | 2 | SBM | STANDBY MOTOR | FRAME |
| K-9 | 2 | SH | SHUNT | CONTROL BOX |
| A-1 | 1 | SM | STARTER MOTOR | ENGINE |
| C-3 | 1 | SP | SERIAL PORT (CONNECTOR 3 WAY) RS232 | CONTROL BOX |
| A-4 | 1 | SPT | SUCTION PRESSURE TRANSDUCER | COMPRESSOR |
| K-7/O-7 | 1 | SR | SPEED RELAY | CONTROL BOX |
| A-1 | 1 | SS | STARTER SOLENOID | STARTER |
| B-1 | 1 | SSC | STARTER SOLENOID CONTACTOR | STARTER |
| K-5/O-5 | 1 | SSR | STARTER SOLENOID RELAY | CONTROL BOX |
| W-1 | 1 | 1ST | START-STOP SWITCH (1st COMPARTMENT) | CAB COMMAND |
| W-2 | 1 | 2ST | START-STOP SWITCH (2nd COMPARTMENT) | CAB COMMAND |
| W-4 | 1 | 3ST | START-STOP SWITCH (3rd COMPARTMENT) | CAB COMMAND |
| Q-4 | 1 | UFT | UNLOADER FRONT TRANSISTOR | CONTROL BOX |
| O-4/O-5 | 1 | UFR | UNLOADER FRONT RELAY | CONTROL BOX |
| A-5 | 1 | WTS | WATER TEMPERATURE SENSOR | ENGINE |



- NOTES :
- UNIT SHOWN "OFF" POSITION.
 - WIRE IDENTIFICATION SYSTEM:
COLOR: WHITE - DC CONTROL CIRCUITS
GREEN - DC GROUNDS
RED - POSITIVE BATTERY CIRCUIT
BLACK - NEGATIVE BATTERY CIRCUIT
GREEN/YELLOW - AC EARTH
DARK BLUE - AC CIRCUIT PHASE 1
BLACK - AC CIRCUIT PHASE 2
BROWN - AC CIRCUIT PHASE 3
 - ADDRESS SYSTEM: EXAMPLE: HCD2-MPW2
INDICATES A WIRE BETWEEN PLUG HC-PIN D2 AND MICROPROCESSOR MP AND PIN W2.
 - THE NUMBER OF FANS DEPEND OF YOUR COMPARTMENT CONFIGURATION
- ⊙ INDICATES A SOLDERED SPLICE POINT.
 - ⊕ PIN CONNECTION.
 - LIGHT LINES INDICATES WIRES IN THE SYSTEM.
 - NORMALLY CLOSED CONTACTS.
 - NORMALLY OPEN CONTACTS.
 - ⊙ INDICATES CONNECTION.
 - ⊕ COMPONENT CONNECTION NUMBER OR LETTER.
 - ⊕ SWITCH SYMBOL. INDICATES MOMENTARY CONTACTS.
 - INDICATES A WIRE GROUND.
 - INDICATES A CHASSIS GROUND (NO WIRE).
 - INDICATES STANDARD OPTIONS.
 - ⊕ INDICATES A CONNECTION, WIRE, LUG, ETC.
 - HF2 MULTIPLE PLUG CONNECTION NUMBER.

STANDARD

CAB COMMAND

OPTIONS

FUEL HEATER CONTROL PANEL DOOR SWITCH

DATE : 19 APR 07 N : 62-60972 REV : E SH : 2/2