

R. C. Tronics, Incorporated

Specializing In Electronic Controls

2573 East Kercher Road
Goshen, Indiana 46526
Toll Free 1-866-457-7790

Phone 1-574-642-3857
Fax 1-574-642-3858
www.rctronics.com

December 11, 2023

Ambulance Power Center
RCT-02730-H



R. C. TRONICS, INCORPORATED

2573 EAST KERCHER ROAD
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RCT-02730-H STANDARD SYSTEM FEATURES

- System Enable with Ignition.
- System Delay Off Timer-1, 5, 10 or 15 minutes. Check-Out Lights Timer - 1, 5, 10 or 15 minutes.
- Exterior Compartment Lighting Control for up to 6 compartments.
- System Outputs Monitored with Green LED's. System Inputs Monitored with Amber Led's.
- Dual cooling fans to remove harmful system heat and provide added ventilation.
- Low Voltage Monitors with Audible Buzzer, Indicator Light and Dash Cancel Switch.
- Heating and Air-Conditioning switch selectable with High, Medium, Low fan speed switch. Thermostat Interface Connector. Interfaces with split Heat and Air-Conditioning Systems.
- High Idle Output. Power Diode Output. Daytime Running Lights with auto cutoff in Park.
- Front Panel Indicators; Master Switch - Open Module Door - Open Compartment Door - Chassis Low Voltage, and Battery.
- Customized Dash and Module switch Centers. Custom Printed Switch Actuators. Custom Cable Lengths.
- RCT-02730 direct replacement for older RCT-01479 system with existing switch centers.
- Physical size: 15" x 15" x 2". – Weight Three (3) Pounds.

OPTIONS:

- Additional Expandable System Controls.
- Flood Inhibit Switches Mounter by Right and Rear Module Service Doors.
- Code Lights with Buzzer.
- Load Sequencing and Load Management.
- Secondary; Right Rear Switch Centers. Duplicates Left Side, traditional Switch Center.
- Center Dome Switch in rear switch panel. Modules with Left – Center - Right Dome Lights.
- Digital Clock, Ampere and Voltage Meters.

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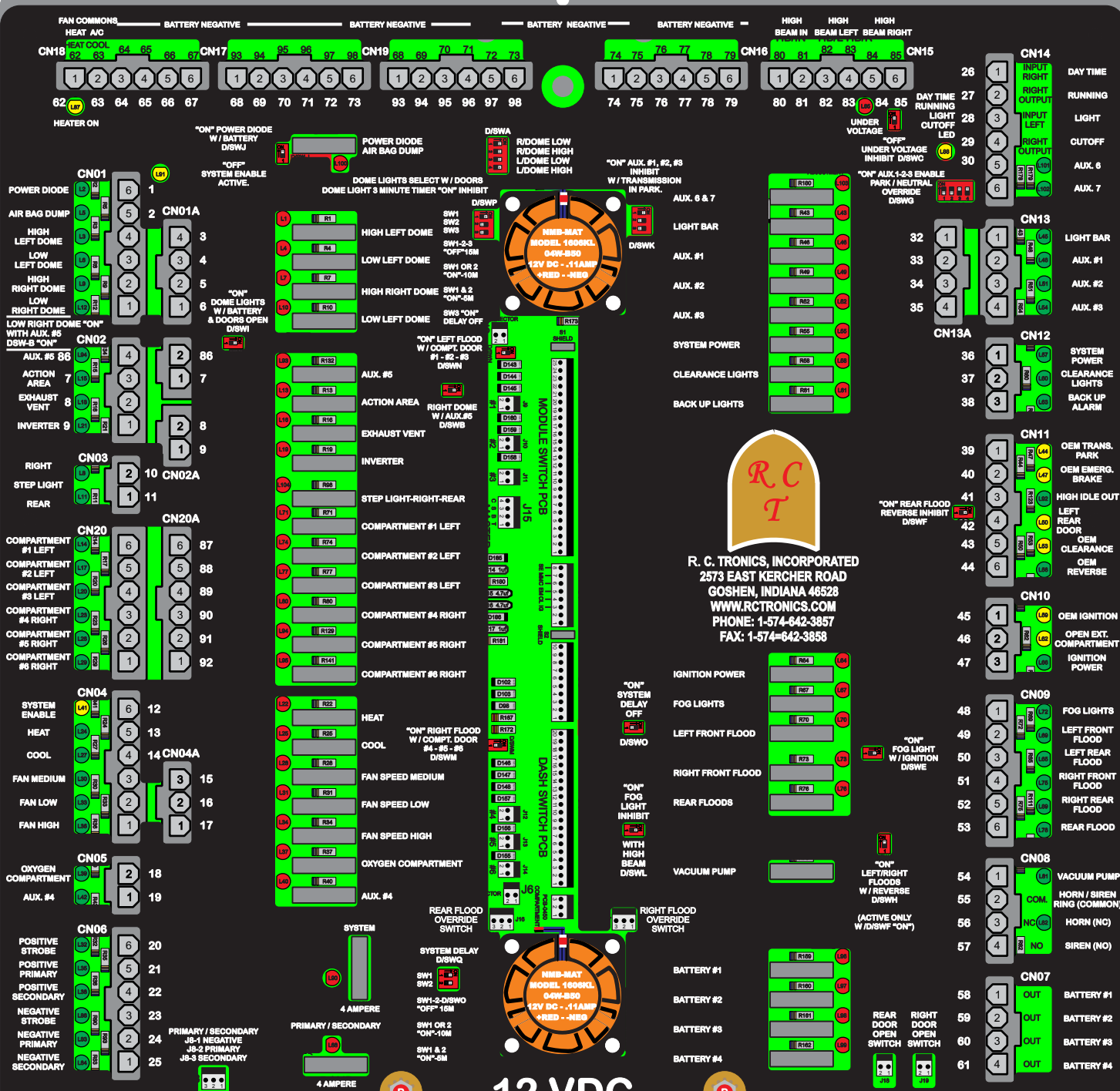
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RCT-02730-H Ambulance Power Center

Size: 15 X15 x 2 Inches Shown Half Scale, Weight 3 Pounds

Switch Settings, "OFF" or "ON", depicted by, "WHITE" Indicator.



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12 VDC

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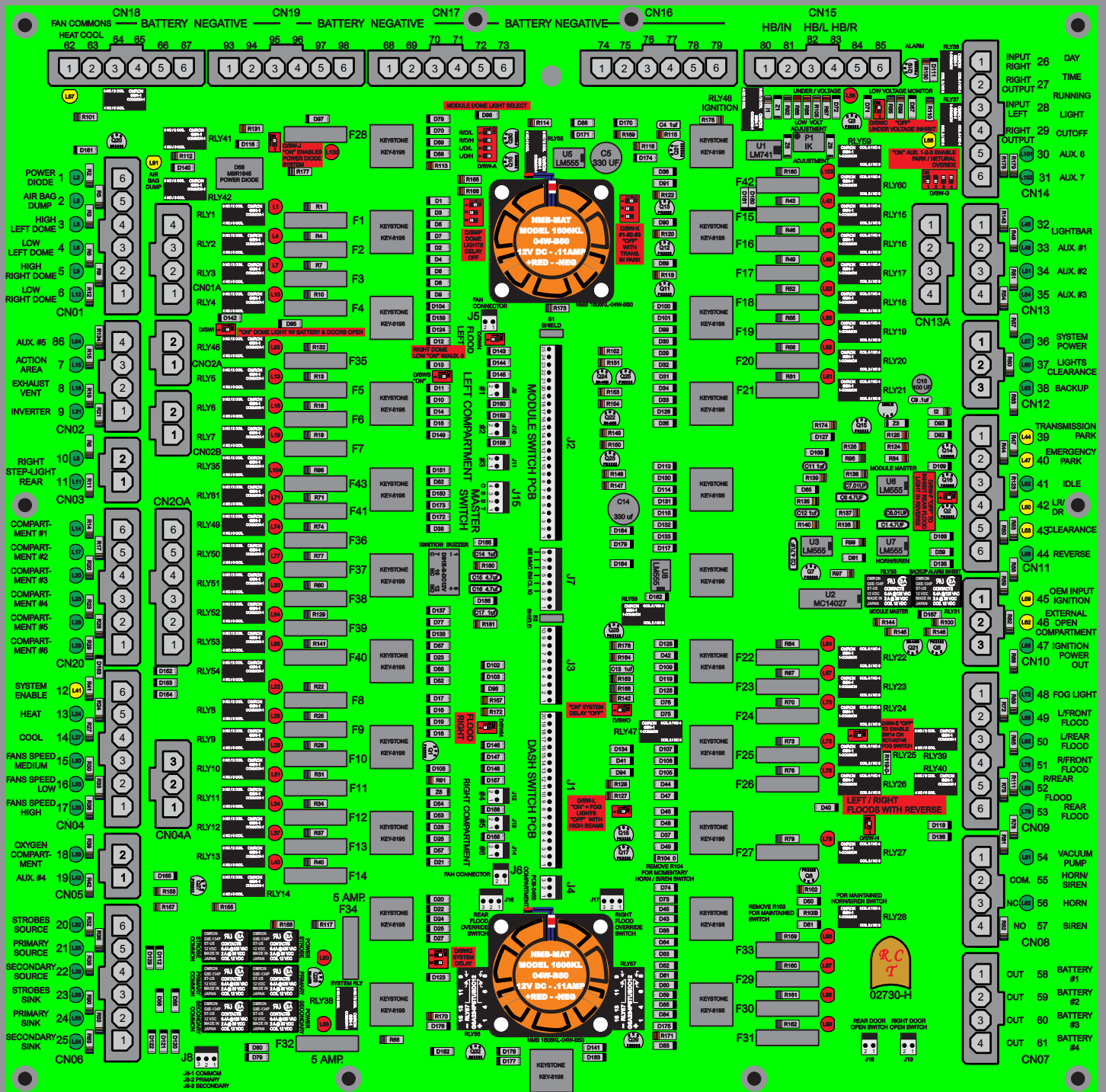
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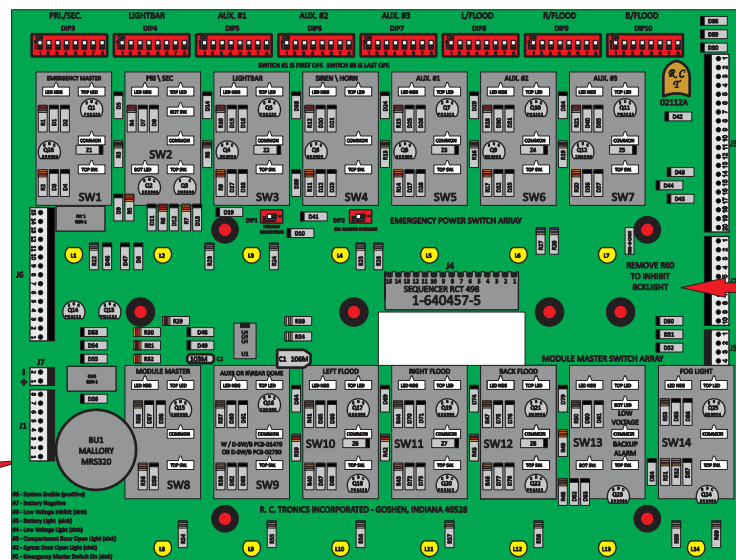
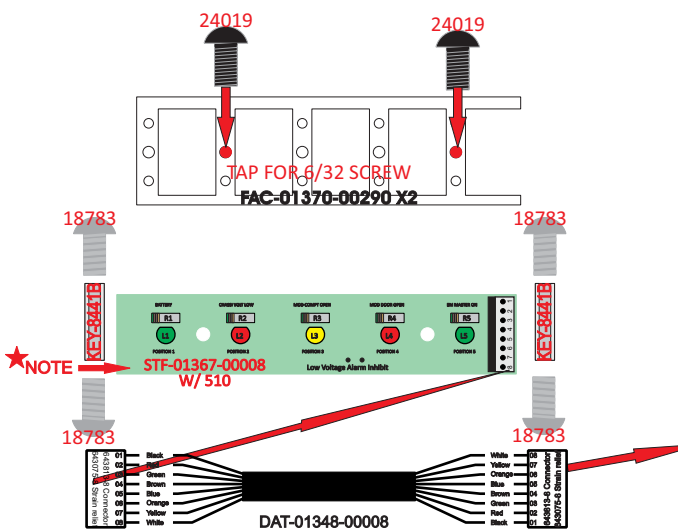
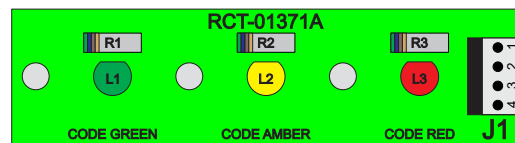
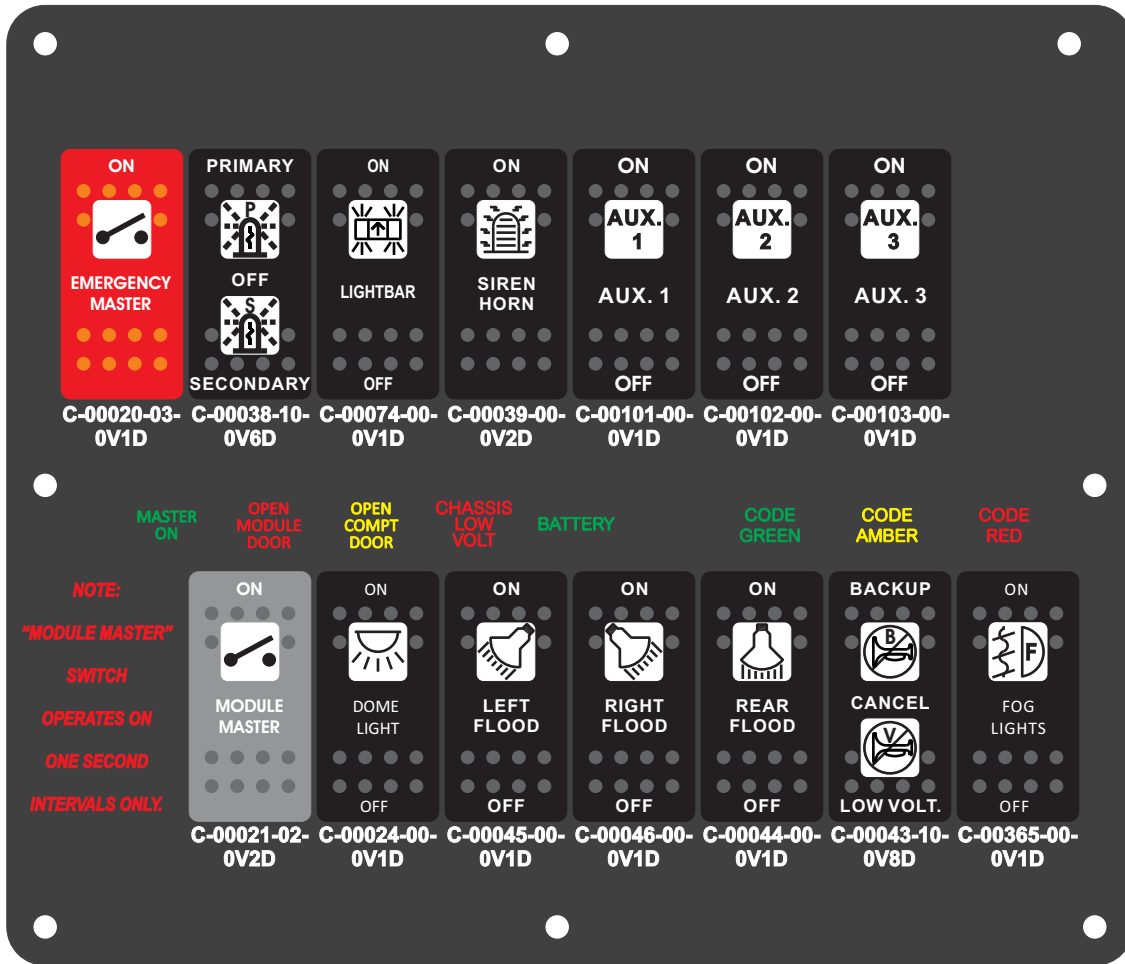
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RCT-02470-0__00

FAC-02470-0000 - OSize 8.8 x 7.5inches



NOTE
STF-02112-00001
SUPER BRIGHT
RED LED

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PCB-02111 MODULE SWITCH CENTER LEFT-RIGHT DOME SWITCH USE WITH RCT-01479-R OR RCT-02730-H

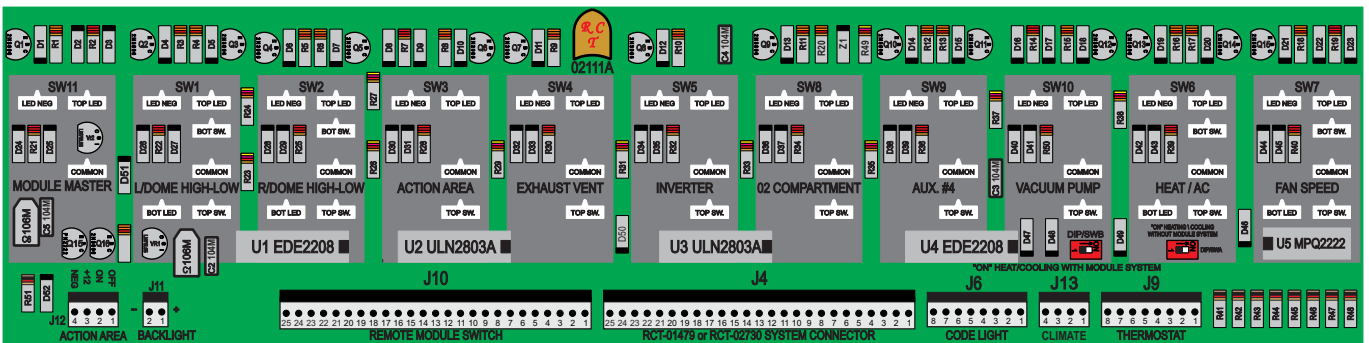
NOTE:

"MODULE MASTER" SWITCH
OPERATES ON ONE SECOND
INTERVALS ONLY.



FOR PCB-02111

ON MODULE MASTER	HIGH LEFT DOME LOW	HIGH RIGHT DOME LOW	ON ACTION AREA	ON EXHAUST FAN	ON INVERTER	ON OXYGEN COMPART.	ON AUX 4	ON VACUUM	COOLING CLIMATE HEATING	FAN HIGH FAN LOW FAN MED.
C-00021-02-0V2D	C-00022-10-0V8D	C-00023-10-0V8D	C-00353-00-0V2D	C-00354-00-0V2D	C-00355-00-0V2D	C-00356-00-0V2D	C-00398-00-0V2D	C-00396-04-0V2D	C-00028-10-0V6D	C-00029-10-0V6D



DAT-01348-00XXX
DAT-01345-00XXX

DAT-01351-00XXX

DAT-01351-00XXX

DAT-01348-00XXX

DAT-01348-00XXX

NOTE:

NOTE:
J9 THERMOSTAT CONNECTION ONLY


DIP/SWA & DIP/SWB "OFF" - HVAC FUNCTION WITH CLIMATE SWITCH (J13) & IGNITION.
DIP/SWA "ON" & DIP/SWB "OFF" - HVAC FUNCTION WITH IGNITION.
DIP/SWA "OFF" DIP/SWB "ON" - HVAC FUNCTION WITH MODULE MASTER & IGNITION.

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PCB-03287 MODULE SWITCH CENTER MAINTAINED
LEFT-RIGHT DOME SWITCH USE WITH RCT-01479-R OR RCT-02730-H



FOR PCB-03287

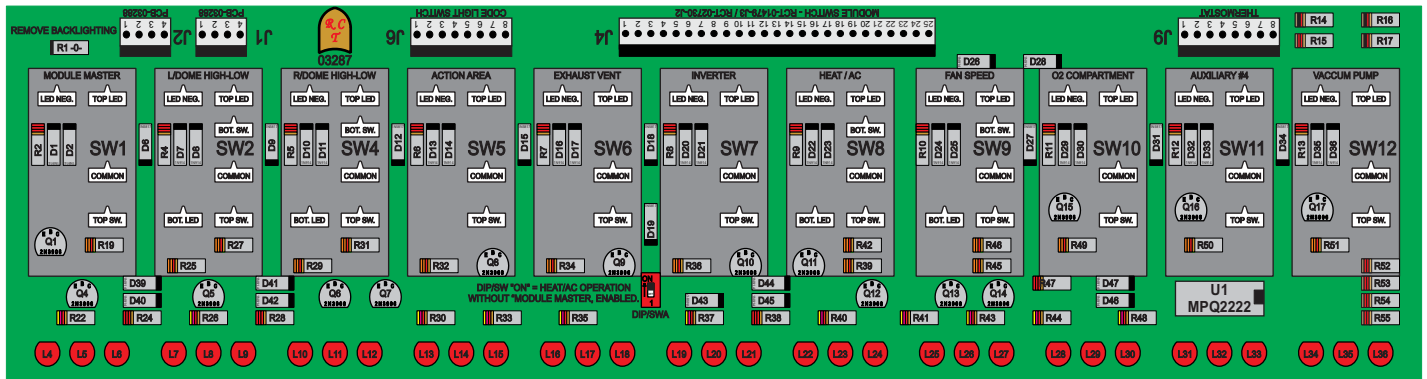
<p>ON</p>  <p>MODULE MASTER</p> <p>C-00821-02-0V2D</p>	<p>HIGH</p>  <p>LEFT DOME</p>  <p>LOW</p> <p>C-00022-10-0V8D</p>	<p>HIGH</p>  <p>RIGHT DOME</p>  <p>LOW</p> <p>C-00023-10-0V8D</p>	<p>ON</p>  <p>ACTION AREA</p> <p>C-00858-60-0V2D</p>	<p>ON</p>  <p>EXHAUST FAN</p> <p>C-00859-60-0V2D</p>	<p>ON</p>  <p>INVERTER</p> <p>C-00856-60-0V2D</p>	<p>COOLING</p>  <p>CLIMATE</p>  <p>HEATING</p> <p>C-00028-10-0V6D</p>	<p>FAN HIGH</p>  <p>FAN LOW</p>  <p>FAN MED.</p> <p>C-00025-10-0V6D</p>	<p>ON</p>  <p>OXYGEN COMPART.</p> <p>C-00858-60-0V2D</p>	<p>ON</p>  <p>AUX 4</p> <p>C-00898-60-0V2D</p>	<p>ON</p>  <p>VACUUM</p> <p>C-00896-04-0V2D</p>
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REMOVE BACK LIGHT
 J2 / PCB-03288 / J1

J6 CODE LIGHT SWITCH

J4 MODULE SWITCH - RCT-01479-J3 / RCT-02730-J2

J9 THERMOSTAT



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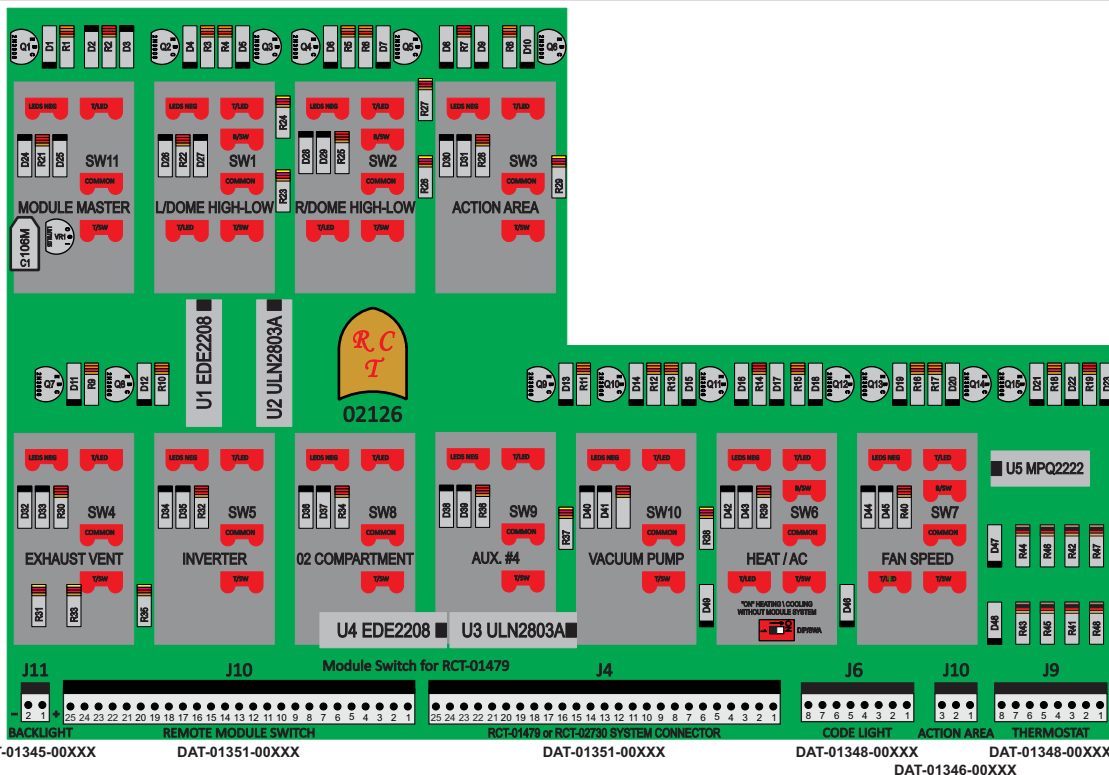
PCB-02126 MODULE SWITCH CENTER LEFT-RIGHT DOME SWITCH USE WITH RCT-01479-R OR RCT-02730-H

NOTE:
"MODULE MASTER", SWITCH
OPERATES ON ONE SECOND
INTERVALS ONLY.

<p>ON</p> <p>MODULE MASTER</p> <p>C-00021-02-0V2D</p>	<p>HIGH</p> <p>LEFT DOME</p> <p>LOW</p> <p>C-00022-10-0V8D</p>	<p>HIGH</p> <p>RIGHT DOME</p> <p>LOW</p> <p>C-00023-10-0V8D</p>	<p>ON</p> <p>ACTION AREA</p> <p>C-00353-00-0V2D</p>			
<p>ON</p> <p>EXHAUST FAN</p> <p>C-00354-00-0V2D</p>	<p>ON</p> <p>INVERTER</p> <p>C-00355-00-0V2D</p>	<p>ON</p> <p>OXYGEN COMPART.</p> <p>C-00356-00-0V2D</p>	<p>ON</p> <p>AUX 4</p> <p>C-00398-00-0V2D</p>	<p>ON</p> <p>VACUUM</p> <p>C-00396-04-0V2D</p>	<p>COOLING</p> <p>CLIMATE</p> <p>HEATING</p> <p>C-00028-10-0V6D</p>	<p>FAN HIGH</p> <p>FAN LOW</p> <p>FAN MED.</p> <p>C-00029-10-0V6D</p>



FOR PCB-02126



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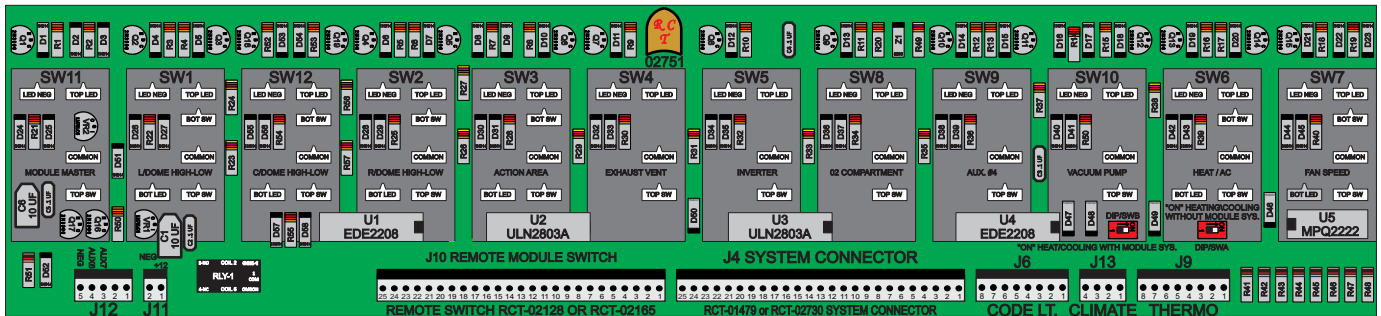
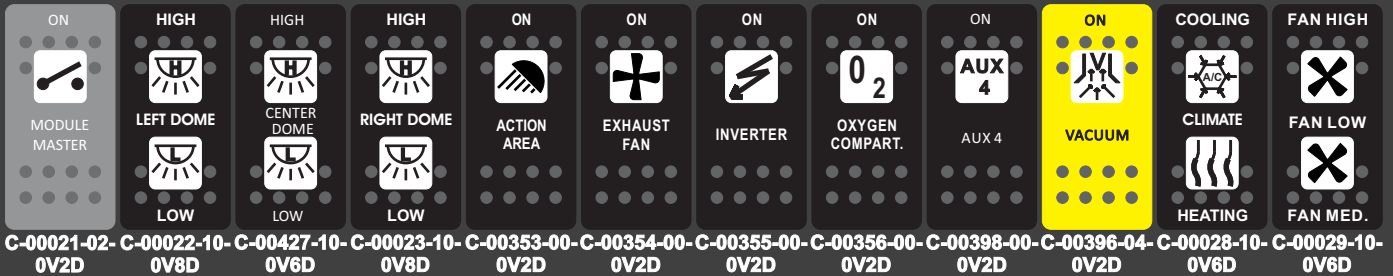
Phone 1-574-642-3857
Fax 1-574-642-3858
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PCB-02751 MODULE SWITCH CENTER LEFT-CENTER-RIGHT DOME SWITCH USE WITH RCT-01479-R OR RCT-02730-H

NOTE:
"MODULE MASTER" SWITCH
OPERATES ON ONE SECOND
INTERVALS ONLY.



FOR PCB-02751



NOTE:

- DIP/SWA & DIP/SWB "OFF" - HVAC FUNCTION WITH CLIMATE SWITCH (J13) & IGNITION.
- DIP/SWA "ON" & DIP/SWB "OFF" - HVAC FUNCTION WITH IGNITION.
- DIP/SWA "OFF" DIP/SWB "ON" - HVAC FUNCTION WITH MODULE MASTER & IGNITION.

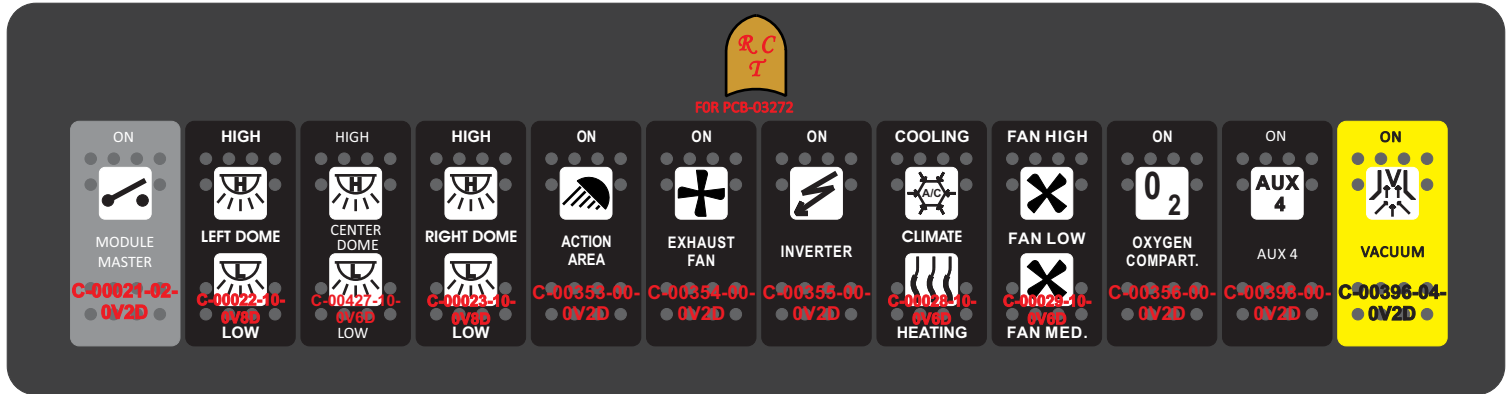
NOTE:
J9 THERMOSTAT CONNECTION ONLY

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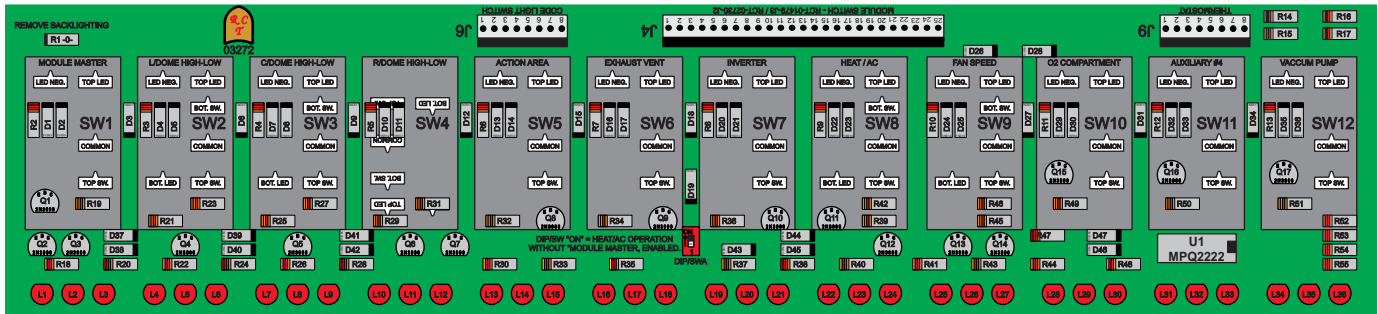
PCB-03272 MODULE SWITCH CENTER MAINTAINED
 LEFT-CENTER-RIGHT DOME SWITCH USE WITH RCT-01479 -ROR RCT-02730-H



REMOVE R9 TO REMOVE BACK LIGHT

J6 CODE LIGHT SWITCH J4 MODULE SWITCH - RCT-01479-J3 / RCT-02730-J2

J9 THERMOSTAT



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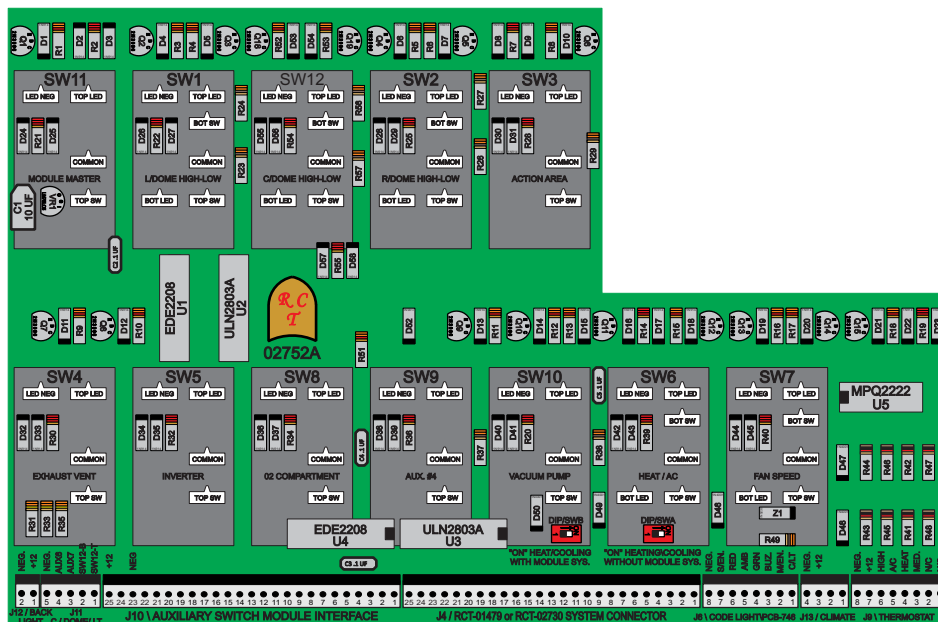
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PCB-02752 MODULE SWITCH CENTER LEFT-CENTER-RIGHT DOME SWITCH USE WITH RCT-01479-R OR RCT-02730-H

NOTE:
"MODULE MASTER", SWITCH OPERATES ON ONE SECOND INTERVALS ONLY.

<p>ON</p> <p>MODULE MASTER</p> <p>C-00021-02-0V2D</p>	<p>HIGH</p> <p>LEFT DOME</p> <p>LOW</p> <p>C-00022-10-0V8D</p>	<p>HIGH</p> <p>CENTER DOME</p> <p>LOW</p> <p>C-00427-10-0V6D</p>	<p>HIGH</p> <p>RIGHT DOME</p> <p>LOW</p> <p>C-00023-10-0V8D</p>	<p>ON</p> <p>ACTION AREA</p> <p>C-00353-00-0V2D</p>		
<p>ON</p> <p>EXHAUST FAN</p> <p>C-00354-00-0V2D</p>	<p>ON</p> <p>INVERTER</p> <p>C-00355-00-0V2D</p>	<p>ON</p> <p>OXYGEN COMPART.</p> <p>C-00356-00-0V2D</p>	<p>ON</p> <p>AUX 4</p> <p>C-00398-00-0V2D</p>	<p>ON</p> <p>VACUUM</p> <p>C-00396-04-0V2D</p>	<p>COOLING</p> <p>CLIMATE</p> <p>HEATING</p> <p>C-00028-10-0V6D</p>	<p>FAN HIGH</p> <p>FAN LOW</p> <p>FAN MED.</p> <p>C-00029-10-0V6D</p>

FOR PCB-02752



DAT-01351-00XXX
DAT-01757-00XXX

DAT-01351-00XXX

NOTE:

DAT-01351-00XXX

DAT-01348-00XXX

DAT-01348-00XXX

DAT-01347-00XXX

NOTE:
J9
THERMOSTAT
CONNECTION
ONLY

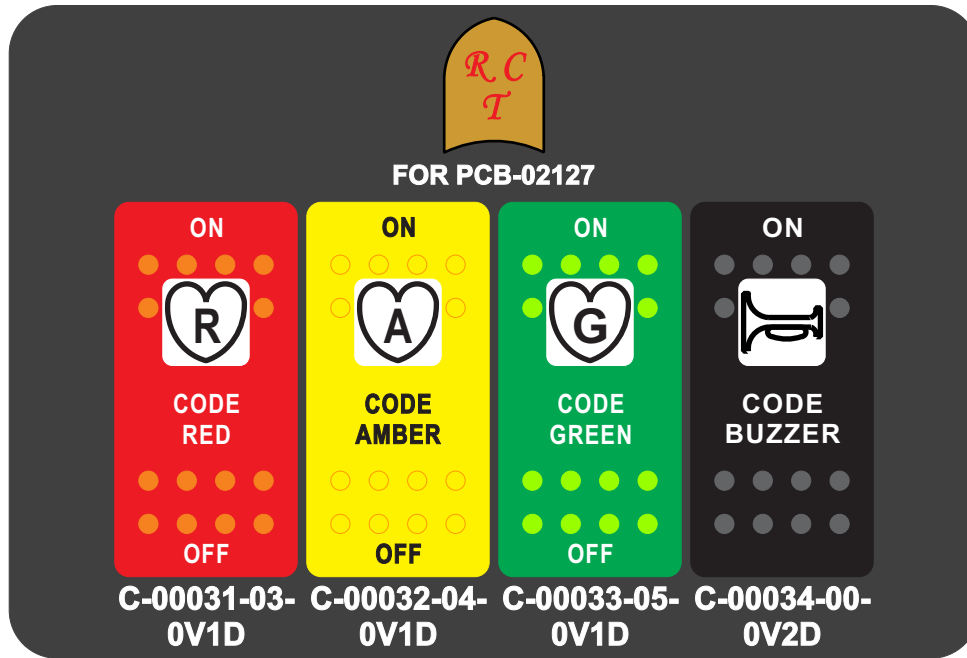
DIP/SWA & DIP/SWB "OFF" - HVAC FUNCTION WITH CLIMATE SWITCH (J13) & IGNITION.
DIP/SWA "ON" & DIP/SWB "OFF" - HVAC FUNCTION WITH IGNITION.
DIP/SWA "OFF" DIP/SWB "ON" - HVAC FUNCTION WITH MODULE MASTER & IGNITION.

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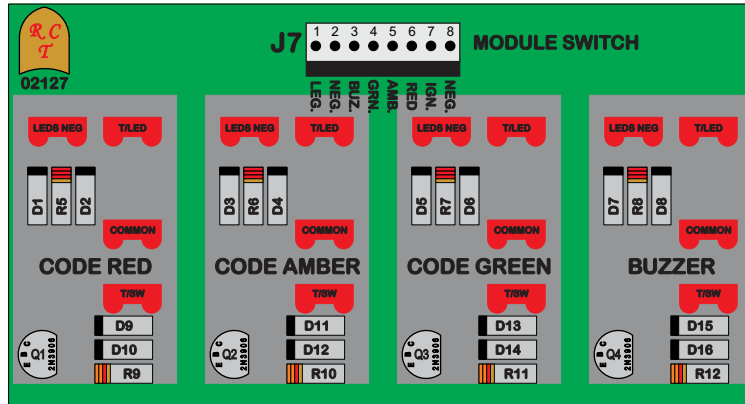
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PCB-02127 CODE LIGHT SWITCH CENTER USE WITH RCT-01479-R OR RCT-02730-H



CONNECT TO LEFT MODULE SWITCH (J6) WITH CABLE; DAT-01348-00XXX



CONNECTION: PCB-00746-B and PCB-02127 TO DATE CABLE OF PCB-01479 and PCB-02730.

- J7-01 BACK LIGHT TO PCB-02111 J4-06 CLEARANCE LIGHT (POSITIVE).
- J7-02 SWITCH COMMON to PCB-02111 J4-10 (NEGATIVE).
- J7-03 SWITCH BUZZER to PCB-02111 J4-04 (SINK).
- J7-04 SWITCH GREEN to PCB-02111 J4-03 (SINK).
- J7-05 SWITCH AMBER to PCB-02111 J4-02 (SINK).
- J7-06 SWITCH RED to PCB-02111 J4-01 (SINK).
- J7-07 SYSTEM ENABLE to J4-07 (POSITIVE).
- J7-08 SWITCH LED to J4-08 (NEGATIVE)


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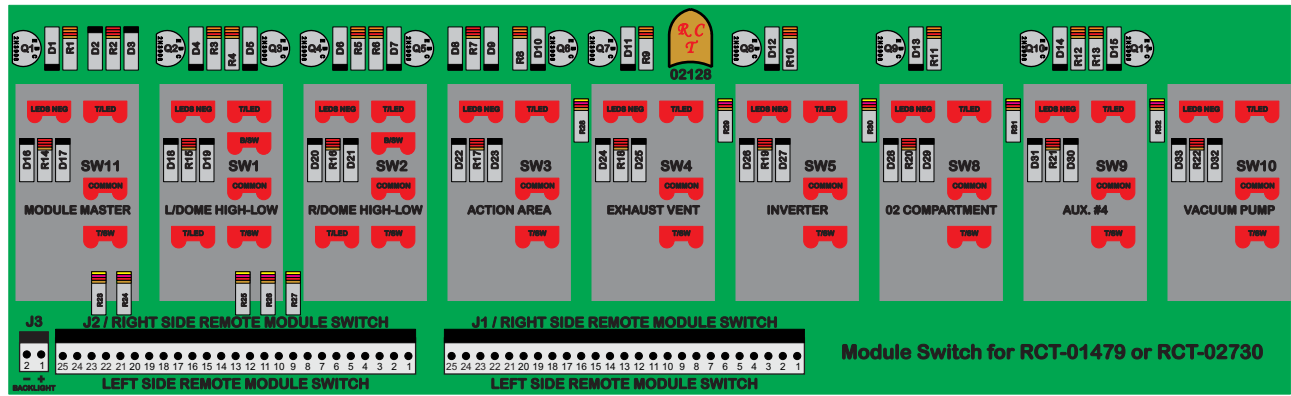
PCB-02128 MODULE SWITCH CENTER-RIGHT SIDE LEFT-RIGHT DOME SWITCH USE WITH RCT-01479 -ROR RCT-02730-H

NOTE:
"MODULE MASTER"
SWITCH OPERATES ON
ONE SECOND INTERVALS ONLY.


FOR PCB-02128

 ON MODULE MASTER	 HIGH LEFT DOME  LOW	 HIGH RIGHT DOME  LOW	 ON ACTION AREA	 ON EXHAUST FAN	 ON INVERTER	 ON 0 2 OXYGEN COMPART.	 ON AUX 4 AUX 4	 ON VACUUM
C-00021-02-0V2D	C-00022-10-0V8D	C-00023-10-0V8D	C-00353-00-0V2D	C-00354-00-0V2D	C-00355-00-0V2D	C-00356-00-0V2D	C-00398-00-0V2D	C-00396-04-0V2D


02128



Terminal blocks: J1 / RIGHT SIDE REMOTE MODULE SWITCH, J2 / RIGHT SIDE REMOTE MODULE SWITCH, J3 / LEFT SIDE REMOTE MODULE SWITCH

Switches: SW11 (MODULE MASTER), SW1 (L/DOME HIGH-LOW), SW2 (R/DOME HIGH-LOW), SW3 (ACTION AREA), SW4 (EXHAUST VENT), SW5 (INVERTER), SW8 (O2 COMPARTMENT), SW9 (AUX. #4), SW10 (VACUUM PUMP)

Module Switch for RCT-01479 or RCT-02730

DAT-01345-O0XXX

DAT-01351-O0XXX

DAT-01351-O0XXX

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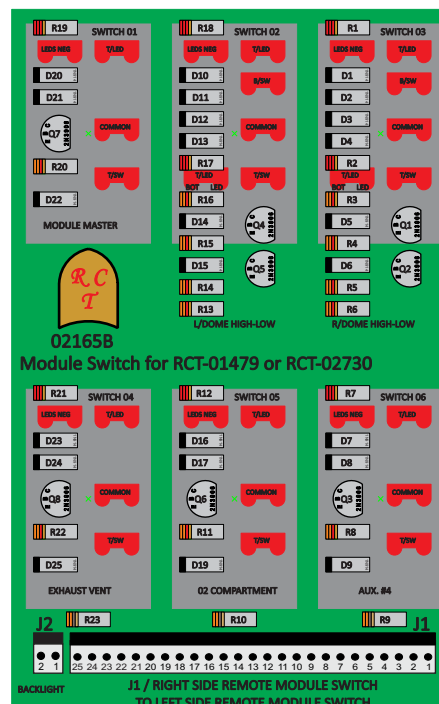
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PCB-02165 MODULE SWITCH CENTER-RIGHT SIDE
 LEFT-RIGHT DOME SWITCH USE WITH RCT-01479 O-RR RCT-02730-H

NOTE:
 "MODULE MASTER"
 SWITCH OPERATES ON
 ONE SECOND INTERVALS ONLY.

<p>ON</p> <p>MODULE MASTER</p> <p>C-00021-02-0V2D</p>	<p>HIGH</p> <p>LEFT DOME</p> <p>LOW</p> <p>C-00022-10-0V8D</p>	<p>HIGH</p> <p>RIGHT DOME</p> <p>LOW</p> <p>C-00023-10-0V8D</p>
<p>ON</p> <p>EXHAUST FAN</p> <p>C-00354-00-0V2D</p>	<p>ON</p> <p>OXYGEN COMPART.</p> <p>C-00356-00-0V2D</p>	<p>ON</p> <p>AUX 4</p> <p>C-00398-00-0V2D</p>

FOR PCB-02165



DAT-01345-00XXX

DAT-01351-00XXX

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RCT-02730-H AMBULANCE POWER CENTER CN CONNECTOR IDENTIFICATION

CN01-1 POWER DIODE OUTPUT (12VDC)
CN01-2 AIR BAG DUMP OUTPUT (12VDC)
CN01/CN01A-3 HIGH LEFT DOME OUTPUT (12VDC)
CN01/CN01A-4 LOW LEFT DOME OUTPUT (12VDC)
CN01/CN01A-5 HIGH RIGHT DOME OUTPUT (12VDC)
CN01/CN01A-6 LOW RIGHT DOME OUTPUT

CN02/CN02A-86 AUXILIARY #5 OUTPUT (12VDC)
CN02/CN02A-7 ACTION AREA OUTPUT (12VDC)
CN02/CN02A-8 EXHAUST VENT OUTPUT (12VDC)
CN02/CN02A-9 INVERTER OUTPUT (12VDC)

CN03-10 STEP LIGHT – RIGHT OUTPUT (12VDC)
CN03-11 STEP LIGHT – REAR OUTPUT (12VDC)

CN20/CN20A-87 COMPARTMENT #1 LEFT OUTPUT (12VDC)
CN20/CN20A-88 COMPARTMENT #2 LEFT OUTPUT (12VDC)
CN20/CN20A-89 COMPARTMENT #3 LEFT OUTPUT (12VDC)
CN20/CN20A-90 COMPARTMENT #4 RIGHT OUTPUT (12VDC)
CN20/CN20A-91 COMPARTMENT #5 RIGHT OUTPUT (12VDC)
CN20/CN20A-92 COMPARTMENT #6 RIGHT OUTPUT (12VDC)

CN04-12 SYSTEM ENABLE INPUT POSITIVE (12VDC) @ .835 AMPERE
CN04-13 HEAT OUTPUT (12VDC)
CN04-14 COOL OUTPUT (12VDC)
CN04/CN04A-15 FAN LOW OUTPUT (12VDC) (ONLY WITH HEAT OR COOLING SWITCH)
CN04/CN04A-16 FAN MEDIUM OUTPUT (12VDC) (ONLY WITH HEAT OR COOLING SWITCH)
CN04/CN04A-17 FAN HIGH OUTPUT (12VDC) (ONLY WITH HEAT OR COOLING SWITCH)

CN05-18 OXYGEN COMARTMENT OUTPUT (12VDC)
CN05-19 AUXILIARY #4 OUTPUT (12VDC)

CN06-20 POSITIVE STROBE OUTPUT (12VDC) @ 5 AMPERE
CN06-21 POSITIVE PRIMARY OUTPUT (12VDC) @ 5 AMPERE
CN06-22 POSITIVE SECONDARY OUTPUT (12VDC) @ 5 AMPERE
CN06-23 NEGATIVE STROBE SINK
CN06-24 NEGATIVE PRIMARY SINK
CN06-25 NEGATIVE SECONDARY SINK
CN07-58 BATTERY #1 OUTPUT POSITIVE 12VDC @ 20 AMPERE

CN07-59 BATTERY #2 OUTPUT POSITIVE 12VDC @ 20 AMPERE
CN07-60 BATTERY #3 OUTPUT POSITIVE 12VDC @ 20 AMPERE
CN07-61 BATTERY #4 OUTPUT POSITIVE 12VDC @ 20 AMPERE

CN08-54 VACUUM PUMP OUTPUT (12VDC)
CN08-55 HORN / SIREN RING (COMMON)
CN08-56 HORN TRIGGER OUTPUT (NC)
CN08-57 SIREN TRIGGER OUTPUT (NO)

CN09-48 FOG LIGHTS OUTPUT (12VDC)
CN09-49 LEFT FRONT FLOOD OUTPUT (12VDC)
CN09-50 LEFT REAR FLOOD OUTPUT (12VDC)
CN09-51 RIGHT FRONT FLOOD OUTPUT (12VDC)
CN09-52 RIGHT REAR FLOOD OUTPUT (12VDC)
CN09-53 REAR FLOOD OUTPUT (12VDC)

CN10-45 OEM IGNITION INPUT 12VDC @ 1.15 AMPERE
CN10-46 OPEN EXTERNAL COMPARTMENT INPUT
CN10-47 IGNITION POWER OUTPUT (12VDC)

CN11-39 OEM TRANSMISSION PARK SINK INPUT
CN11-40 OEM EMERGENCY BRAKE SINK INPUT
CN11-41 HIGH IDLE OUTPUT 12VDC @ .3 AMPERE
CN11-42 LEFT REAR DOOR SINK INPUT
CN11-43 OEM CLEARANCE INPUT 12VDC @ .135 AMPERE
CN11-44 OEM REVERSE INPUT 12VDC @ .15 AMPERE

CN12-36 SYSTEM POWER OUTPUT (12VDC)
CN12-37 CLEARANCE LIGHTS OUTPUT (12VDC)
CN12-38 BACK-UP LIGHTS OUTPUT (12VDC)

CN13/CN13A-32 LIGHTBAR OUTPUT (12VDC)
CN13/CN13A-33 AUXILIARY #1 OUTPUT (12VDC)
CN13/CN13A-34 AUXILIARY #2 OUTPUT (12VDC)
CN13/CN13A-35 AUXILIARY #3 OUTPUT (12VDC)

CN14-26 DAY TIME RUNNING LIGHT RIGHT INPUT (12VDC)
CN14-27 DAY TIME RUNNING LIGHT RIGHT OUTPUT (12VDC)
CN14-28 DAY TIME RUNNING LIGHT LEFT INPUT (12VDC)
CN14-29 DAY TIME RUNNING LIGHT LEFT OUTPUT (12VDC)
CN14-30 AUXILIARY #6 / HIGH CENTER DOME OUTPUT (12VDC)
CN14-31 AUXILIARY #7 / LOW CENTER DOME OUTPUT (12VDC)

CN15-80 HIGH BEAM INPUT (12VDC)
CN15-81 HIGH BEAM INPUT (12VDC)
CN15-82 HIGH BEAM LEFT (12VDC)
CN15-83 HIGH BEAM LEFT (12VDC)
CN15-84 HIGH BEAM RIGHT (12VDC)
CN15-85 HIGH BEAM RIGHT (12VDC)

CN16-74 BATTERY NEGATIVE
CN16-75 BATTERY NEGATIVE
CN16-76 BATTERY NEGATIVE
CN16-77 BATTERY NEGATIVE
CN16-78 BATTERY NEGATIVE
CN16-79 BATTERY NEGATIVE

CN19-93 BATTERY NEGATIVE
CN19-94 BATTERY NEGATIVE
CN19-95 BATTERY NEGATIVE
CN19-96 BATTERY NEGATIVE
CN19-97 BATTERY NEGATIVE
CN19-98 BATTERY NEGATIVE

CN17-68 BATTERY NEGATIVE
CN17-69 BATTERY NEGATIVE
CN17-70 BATTERY NEGATIVE
CN17-71 BATTERY NEGATIVE
CN17-72 BATTERY NEGATIVE
CN17-73 BATTERY NEGATIVE

CN18-62 HEAT FAN COMMON OUTPUT (SINK)
CN18-63 A/C FAN COMMON OUTPUT (SINK)
CN18-64 BATTERY NEGATIVE
CN18-65 BATTERY NEGATIVE
CN18-66 BATTERY NEGATIVE
CN18-67 BATTERY NEGATIVE

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RCT-02730/J – DIP SWITCH SETTINGS

DIP SWITCH A (D/SWA)

DOME LIGHT SELECT “ON” WITH DOORS, REAR (J18) and RIGHT (J19)

D/SWA#1 – Selects Right Dome Low, with output at, “LOW RIGHT DOME”, (CN01#1)

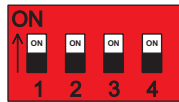
D/SWA#2 – Selects Right Dome High, with output at, “HIGH RIGHT DOME”, (CN01#2)

D/SWA#3 – Selects Left Dome Low, with output at, “LOW LEFT DOME”, (CN01#3)

D/SWA#4 – Selects Left Dome High, with output at, “HIGH LEFT DOME”, (CN01#4)

NOTE: SEE, DIP SWITCH D/SWP - DOME LIGHT DELAY, TIMED, “OFF”.

Default Setting: D/SWA-#1” ON”- #2” ON”- #3” ON” - #4 “ON”.



DIP SWITCH B (D/SWB)

MODULE RIGHT DOME LIGHT, “ON” WITH AUX. #5, (CN02#4)

Dash Switch Center, Switch #9, “ON”, Module Right Dome Light, “ON”, added to Aux. #5.

Default Setting: D/SWB-#1” OFF”.



DIP SWITCH C (D/SWC)

LOW VOLTAGE WARNING ENABLE. (PCB-02730)

D/SWC#1 – “OFF”, Alarm and Indicator Light are inhibited to Dash Switch Center. (PCB-02112)

D/SWC#1 – “ON”, Alarm and Indicator Light are enabled to Dash Switch Center. (PCB-02112)

NOTE: D/SWC#1 - Must be "OFF" when load manager RCT-01076 is added to PCB-02112.

Default Setting: D/SWC-#1” ON”.



DIP SWITCH E (D/SWE)

FOG LIGHTS WITH IGNITION. (CN09#1)

D/SWE#1 – “OFF”, Fog lights “ON” with Ignition and Switch #14 on PCB-02112, Dash Switch Center.

D/SWE#1 – “ON”, Fog Lights “ON” only with Ignition.

Default Setting: D/SWE-#1” OFF”.



DIP SWITCH F (D/SWF)

REAR FLOOD IN REVERSE. (CN09#6)

D/SWF#1 – “OFF”, Rear Flood Lights, “ON” only with Switch #12 on PCB-02112, Dash Switch Center.

D/SWF#1 – “ON”, Rear Flood Lights, “ON” with OEM Reverse. (CN11#6)

NOTE: D/SWF#1 must be "ON" to enable D/SWH, Left Rear Flood (CN09#3) and Right Rear Floods (CN09#5) with OEM Reverse. (CN11#6)

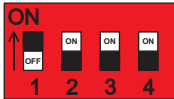
Default Setting: D/SWF-#1” ON”.



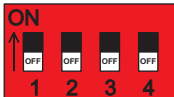
**DAY TIME RUNNING LIGHTS (DRL), SELECTING SWITCH ON PCB-02112
DASH SWITCH CENTER 5 - (AUX.1) - 6 (AUX.2) - 7 (AUX.3)**

DIP SWITCH G (D/SWG)

- D/SWG-1, "OFF", **LEAVE OFF, HAS NO EFFECT.**
 - D/SWG-2, "ON", PROVIDES OUTPUT SWITH SW7 (AUX.3) @, CN13/35 ONLY.
 - D/SWG-3, "ON", PROVIDES OUTPUT SWITH SW6 (AUX.2) @, CN13/34 ONLY.
 - D/SWG-4, "ON", PROVIDES OUTPUT SWITH SW5 (AUX.1) @, CN13/35 ONLY.
- ADDITIONALLY "DRL" POWER REMOVED FROM EACH SWITCH 5-6-7 @ CN14-27.**



- D/SWG-1, "OFF", **LEAVE OFF, HAS NO EFFECT.**
- D/SWG-2, "OFF", PROVIDES OUTPUT @, CN13/33 ONLY.
- D/SWG-3, "OFF", PROVIDES OUTPUT @, CN13/34 ONLY.
- D/SWG-4, "OFF", PROVIDES OUTPUT @, CN13/35 ONLY.

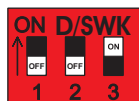
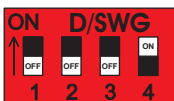


ABOVE CONFIGURATION PROVIDES NORMAL OUTPUTS ONLY.

NOTE: PLACING D/SWG-1, "ON" AUTOMATTICALLY REMOVES DAYTIME-RUNNING-LIGHT, WITHOUT PLACING SWITCH 5, (AUX.1) - SWITCH 6, (AUX.2) OR SWITCH 7, (AUX.3) INTO THE, "OFF" POSITION.

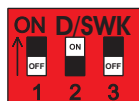
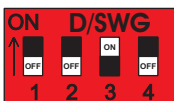
SWITCH SW5 (AUX.1) TEST OF; DIP SWITCH K (D/SWK)

- D/SWG-4, D/SWK-3 & SWITCH 5, "ON", OUTPUT @ AUX.1, CN13/33 POWERED AND DAY-TIME RUNNING LIGHT, NOT POWERED @ CN14/27.
- NEGATIVE TO "TRANSMISSION PARK, CN11-39, NO CHANGE.
- PLACE D/SWG-1, "ON", DAYTIME RUNNING LIGHT POWERED @ CN14-27.
- REMOVE NEGATIVE TO "TRANSMISSION PARK, CN11-39, DAYTIME-RUNNING LIGHT "OFF" @ CN14/27 & AUX.1 CN13/33 POWERED.
- SWITCH 5 (AUX1), "OFF", POWER REMOVED FROM CN13/33 & DAYTIME RUNNING-LIGHT POWERED, "ON" @ CN14/27.



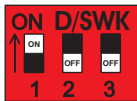
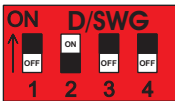
SWITCH SW6 (AUX.2) TEST OF; DIP SWITCH K (D/SWK)

- D/SWG-3, D/SWK-2 & SWITCH 6, "ON", OUTPUT @ AUX.2, CN13/34 POWERED AND DAY-TIME RUNNING LIGHT, NOT POWERED @ CN14/27.
- NEGATIVE TO "TRANSMISSION PARK, CN11-39, **AUX.2 UN-POWERED @ CN13/34.**
- PLACE D/SWG-1, "ON", DAYTIME RUNNING LIGHT POWERED @ CN14-27.
- REMOVE NEGATIVE TO "TRANSMISSION PARK, CN11-39, DAY-TIME RUNNING LIGHT "OFF" @ CN14/27 & AUX.2 CN13/34 POWERED.
- SWITCH 6 (AUX2), "OFF", POWER REMOVED FROM CN13/34 & DAYTIME RUNNING-LIGHT POWERED, "ON" @ CN14/27.



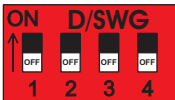
SWITCH SW7 (AUX.3) TEST OF; DIP SWITCH G (D/SWG)

- D/SWG-2 D/SWK-1 & SWITCH 7, “ON”, OUTPUT @ AUX.1, CN13/35 POWERED AND DAY-TIME RUNNING LIGHT, NOT POWERED @ CN14/27.
- NEGATIVE TO “TRANSMISSION PARK, CN11-39, NO CHANGE.
- PLACE D/SWG-1, “ON”, DAYTIME RUNNING LIGHT POWERED @ CN14-27.
- REMOVE NEGATIVE TO “TRANSMISSION PARK, CN11-39, DAY-TIME RUNNING LIGHT “OFF” @ CN14/27 & AUX.3 CN13/35 POWERED.
- SWITCH 7 (AUX3), “OFF”, POWER REMOVED FROM CN13/34 & DAYTIME RUNNING-LIGHT POWERED, “ON” @ CN14/27.



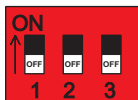
DIP SWITCH G (D/SWG)

Default Setting: D/SWG-#1” OFF”- #2” OFF”- #3” OFF” - #4 “OFF”.



DIP SWITCH K (D/SWK)

Default Setting: D/SWK-#1” OFF”- #2” OFF”- #3” OFF”.



DIP SWITCH H (D/SWH)

LEFT REAR AND RIGHT REAR FLOODS IN REVERSE.

D/SWH#1 - “OFF” - Function Disabled.

D/SWH#1 - “ON” - D/SWF#1 must be "ON" to enable D/SWH, Left Rear Flood (CN09#3) and Right Rear Floods (CN09#5) with OEM Reverse. (CN11#6)



Default Setting: D/SWH-#1” OFF”.

DIP SWITCH I (D/SWI)

DOMELIGHTS, “ON” WITH REAR DOOR (J18) OR RIGHT DOOR. (J19)

D/SWI#1 – “OFF”, Dome Lights only operate with System Enable, (CN04#6) or Ignition. (CN1-#1)

D/SWI#1 – “ON”, Dome Lights operate with “Battery”.



Default Setting: D/SWI-#1” ON”.

DIP SWITCH J (D/SWJ)

POWER DIODE WITH BATTERY.

D/SWJ#1 – “OFF”, Power Diode operates with System Enable only.

D/SWJ#1 – “ON”, Power Diode operates with Battery.



Default Setting: D/SWJ-#1” OFF”.

DIP SWITCH L (D/SWL)

FOG LIGHT INHIBIT WITH HIGH BEAM. (CN09#1)

D/SWL#1 – “OFF”, Switch #14 on PCB-02112, Dash Switch Center, “ON” only.

D/SWL#2 – “ON”, Inhibits, Fog Light with, High Beam Input at CN15# 1 or #2.



Default Setting: D/SWL-#1” OFF”.

DIP SWITCH M (D/SWM)

RIGHT FLOOD WITH COMPARTMENT DOOR #4 - #5 - #6.

D/SW#1 – “OFF”, disables, Right Flood, “ON” with Compartment Door - #4 - #5 - #6.

D/SW#1 – “ON”, enables, Right Flood, “ON” with Compartment Door - #4 - #5 - #6.

Default Setting: D/SWM-#1” ON”.



DIP SWITCH N (D/SWN)

RIGHT FLOOD WITH COMPARTMENT DOOR #1 - #2 - #3.

D/SW#1 – “OFF”, disables, Left Flood, “ON” with Compartment Door - #1 - #2 - #3.

D/SW#1 – “ON”, enables, Left Flood, “ON” with Compartment Door - #1 - #2 - #3.

Default Setting: D/SWN-#1” ON”.



DIP SWITCH P (D/SWP)

DOME LIGHT DELAY ON RELEASE TIMER, “OFF”.

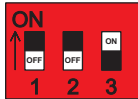
D/SWP#1 and #2 and #3 “OFF”, Dome Light Delay, Timed, “OFF”, 15 Minutes.

D/SWP#1 or #2 “ON” and #3 “OFF”, Dome Light Delay, Timed, “OFF”, 10 Minutes.

D/SWP#1 and #2 “ON” and #3 “OFF”, Dome Light Delay, Timed, “OFF”, 5 Minutes.

D/SWP#1 and #2” OFF” and #3” ON”, Dome Light Delay, Timed, “OFF”, 30 Seconds.

Default Setting: D/SWP-#1” OFF”- #2” OFF”- #3” ON”.



RCT -02730/J SYSTEM DELAY TIMMED OFF

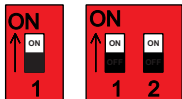
Note:

WHITE TAB, “ON” denotes, “CLOSED” switch contact, “OFF” denotes “OPEN” switch contact.

Dip Switch-O “ON”.

Dip Switch-Q1 “DON’T CARE”.

Dip Switch-Q2 “DON’T CARE”.

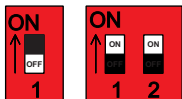


1st System Delay Off, = “25 SECONDS”.

Dip Switch-O “OFF”.

Dip Switch-Q1 “ON”.

Dip Switch-Q2 “ON”.

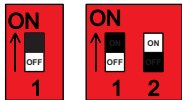


2nd System Delay Off, = “FOUR MINUTE”.

Dip Switch-O “OFF”.

Dip Switch-Q1 “OFF”.

Dip Switch-Q2 “ON”.

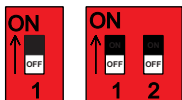


3rd System Delay Off, = “EIGHT MINUTE”.

Dip Switch-O “OFF”.

Dip Switch-Q1 “OFF”.

Dip Switch-Q2 “OFF”.



4th System Delay Off, = “THIRTEEN MINUTE”.

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RCT-02730-J TEST OF DAYTIME RUNNING LIGHT D/SWG AND D/SWK

1. D/SWG switches, 1 thru 4, "OFF".
2. D/SWK switches, 1 thru 3, "OFF".
3. On, "Dash Switch Panel", operate switch 5 (Aux.1), note output CN12/33 green led, "ON".
4. On, "Dash Switch Panel", operate switch 6 (Aux.2), note output CN12/34 green led, "ON".
5. On, "Dash Switch Panel", operate switch 7 (Aux.3), note output CN12/35 green led, "ON".



1. D/SWG switches, 2 thru 4, "ON".
2. D/SWK switches, 1 thru 3, "OFF".
3. On, "Dash Switch Panel", operate switch 5 (Aux.1), note output CN12/33 green led, "ON" and L88, Amber Led, "ON". (**DAYTIME RUNNING LIGHT, "OFF"**).
4. On, "Dash Switch Panel", operate switch 6 (Aux.2), note output CN12/34 green led, "ON" and L88, Amber Led, "ON". (**DAYTIME RUNNING LIGHT, "OFF"**).
5. On, "Dash Switch Panel", operate switch 7 (Aux.3), note output CN12/35 green led, "ON" and L88, Amber Led, "ON". (**DAYTIME RUNNING LIGHT, "OFF"**).



1. D/SWG switches, 2 thru 4, "ON".
2. D/SWK switches, 1 thru 3, "ON".
3. CN11-39, "Transmission in Park", ground from battery negative, L47 Amber Led, "ON".
4. On, "Dash Switch Panel", operate switch 5 (Aux.1), note output CN12/33 green led, "OFF" and L88, Amber Led, "ON". (**DAYTIME RUNNING LIGHT, "OFF"**).
5. On, "Dash Switch Panel", operate switch 6 (Aux.2), note output CN12/34 green led, "OFF" and L88, Amber Led, "ON". (**DAYTIME RUNNING LIGHT, "OFF"**).
6. On, "Dash Switch Panel", operate switch 7 (Aux.3), note output CN12/35 green led, "OFF" and L88, Amber Led, "ON". (**DAYTIME RUNNING LIGHT, "OFF"**).
7. On, "Dash Switch Panel", place switches 5 – 6 – 7, "ON", maintained. Note, outputs CN13/33/34/35, "OFF" and L88 Amber, "ON". (**DAYTIME RUNNING LIGHT, "OFF"**).
8. **D/SWG, switch 1, "ON"**. Note, L88 now, "OFF". (**DAYTIME RUNNING LIGHT, "ON"**).
9. CN11-39, "Transmission in Park", REMOVE ground from battery negative. Note, outputs CN13/33/34/35, "ON".
10. D/SWG, 1 thru 4 and D/SWK, 1 thru 3, place all seven switches, "OFF". **TEST COMPLETE.**

STEP #8-TURN "ON"



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RCT-02730-J FUCTION OF DAYTIME RUNNING LIGHT D/SWG AND D/SWK

1. The first function is simply to provide dash switch 5, 6, & 7, (AUX.1), (AUX.2) & (AUX.3) 12vdc power outputs for various loads.
2. The second function is to provide the above-described function and providing the removal of other loads. (Example, providing power for a wig-wag device to head lights thereby removing, daytime running lights).
3. The third function provided is the ability to automatically remove wig-wag device and reapply daytime running lights, with the application of, transmission in park and then with the removal of transmission in park will reapply wig-wag device and remove daytime running lights.
 - You may select a switch 5, 6, or 7 to, "ON", via D/SWG/2/3 or 4, (Switch 5, 6 or 7).
 - Choose D/SWK/1/2 or 3, to remove, daytime running lights from above selected switch.
 - On D/SWG/1, placing switch, "ON", will permit automatic transfer of wigwag of daytime time running light operation, via an input to, transmission in park, CN11/39.

RCT-02730-J DAYTIME RUNNING LIGHT, CONNECTION TO FLASHER CONTROL BY OTHERS.

1. CN13/33 (AUX.1) / 34 (AUX.2) / 35 (AUX.3), **CHOOSE ONE, TO FLASHER CONTROL ENABLE SWITCH.**
2. CN14/26, INPUT RIGHT, (PASSANGER SIDE), **DAYTIME RUNNING LIGHT FEED.**
3. CN14/27, OUTPUT RIGHT, (PASSANGER SIDE), **DAYTIME RUNNING LIGHT FEED PASS-THRU.**
4. CN14/28, INPUT LEFT, (DRIVER SIDE), **DAYTIME RUNNING LIGHT FEED.**
5. CN14/29, OUTPUT LEFT, (DRIVER SIDE), **DAYTIME RUNNING LIGHT FEED PASS-THRU.**

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 - You may select a switch 5, 6, or 7 to, "ON", via D/SWG/2/3 or 4, (Switch 5, 6 or 7).
 - Choose D/SWK/1/2 or 3, to remove, daytime running lights from above selected switch.
 - On D/SWG/1, placing switch, "ON", will permit automatic transfer of wigwag of daytime time running light operation, via an input to, transmission in park, CN11/39.

RCT-02730-J DAYTIME RUNNING LIGHT, CONNECTION TO FLASHER CONTROL BY OTHERS.

1. CN13/33 (AUX.1) / 34 (AUX.2) / 35 (AUX.3), **CHOOSE ONE, TO FLASHER CONTROL ENABLE SWITCH.**
2. CN14/26, INPUT RIGHT, (PASSANGER SIDE), **DAYTIME RUNNING LIGHT FEED.**
3. CN14/27, OUTPUT RIGHT, (PASSANGER SIDE), **DAYTIME RUNNING LIGHT FEED PASS-THRU.**
4. CN14/28, INPUT LEFT, (DRIVER SIDE), **DAYTIME RUNNING LIGHT FEED.**
5. CN14/29, OUTPUT LEFT, (DRIVER SIDE), **DAYTIME RUNNING LIGHT FEED PASS-THRU.**

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J1 thru J19 DATA CABLE INTERFACE TO RCT-02730-H

FRONT SWITCH PANEL / DATA CABLE: DAT-01352-00XXX

- J1-01 OPEN EXTERNAL COMPARTMENT (SINK)
- J1-02 DOOR OPEN (SINK)
- J1-03 LIGHT BAR, (12 VDC @ 1 AMPERE)
- J1-04 AUX. #1 (MAXIMUM CURRENT 1 AMPERE)
- J1-05 AUX. #2 (MAXIMUM CURRENT 1 AMPERE)
- J1-06 AUX. #3 (MAXIMUM CURRENT 1 AMPERE)
- J1-07 MODULE MASTER SWITCH (SINK)
- J1-08 BACK-UP ALARM INHIBIT (SINK)
- J1-09 FOG LIGHT (SINK)
- J1-10 LEFT FLOOD (SINK)
- J1-11 RIGHT FLOOD (SINK))
- J1-12 REAR FLOOD (SINK)
- J1-13 SIREN / HORN (SINK)
- J1-14 SECONDARY (SINK)
- J1-15 PRIMARY (SINK)
- J1-16 CLEARANCE LIGHT (12VDC)
- J1-17 AUXILIARY #4 / RIGHT REAR DOME (SINK)
- J1-18 LOW VOLTAGE (SINK)
- J1-19 SYSTEM ENABLE (12VDC @ .15 AMPERE)
- J1-20 BATTERY NEGATIVE
- J3-01 MODULE MASTER ENABLED (SINK)
- J3-02 BUZZER (SINK)
- J3-03 CODE GREEN (SINK)
- J3-04 CODE AMBER (SINK)
- J3-05 CODE RED (SINK)
- J3-06 HORN / SIREN LED (SINK)
- J3-07 EMERGENCY MASTER TO J7-05
- J3-08 HORN SIREN (RELAY 28) (Q8 EMITTER) (SINK)
- J3-09 SYSTEM ENABLE (12VDC)
- J3-10 BATTERY NEGATIVE

REAR SWITCH PANEL / DATA CABLE: DAT-01351-00XXX

- J2-01 CODE RED (SINK)
- J2-02 CODE AMBER (SINK)
- J2-03 CODE GREEN (SINK)
- J2-04 BUZZER (SINK))
- J2-05 MODULE MASTER ENABLE (SINK))
- J2-06 CLEARANCE LIGHT (12VDC)
- J2-07 SYSTEM ENABLE (12VDC)
- J2-08 VACUUM PUMP (SINK))
- J2-09 MODULE MASTER SWITCH (SINK)
- J2-10 BATTERY NEGATIVE
- J2-11 AUX. #4 (SINK)
- J2-12 O2 COMPARTMENT (SINK)
- J2-13 FAN HIGH (SINK)
- J2-14 FAN MEDIUM (SINK)
- J2-15 A / C (SWITCH TO GROUND)
- J2-16 HEAT (SINK)
- J2-17 INVERTER (SINK)
- J2-18 CENTER DOME HIGH / AUXILIARY #6 (SINK)
- J2-19 CENTER DOME LOW / AUXILIARY #7 (SINK)
- J2-20 EXHAUST VENT (SINK)
- J2-21 ACTION AREA (SINK)
- J2-22 RIGHT / DOME LOW (SINK)
- J2-23 RIGHT / DOME HIGH (SINK)
- J2-24 LEFT / DOME LOW (SINK)
- J2-25 LEFT / DOME HIGH (SINK)

EXTERIOR COMPARTMENT LIGHT CONTROL RCT-00450 / DATA CABLE: DAT-01346-00XXX

- J4-01 RIGHT FLOODS (SINK)
- J4-02 SYSTEM ENABLE (12VDC)
- J4-03 LEFT FLOODS (SINK)

FAN CONNECTOR (TOP)

- J5-01 SYSTEM ENABLE (12VDC)
- J5-02 BATTERY NEGATIVE

FAN CONNECTOR (BOTTOM)

- J6-01 SYSTEM ENABLE (12VDC)
- J6-02 BATTERY NEGATIVE

AUXILIARY POWER BOARD RCT-02329 / DATA CABLE: DAT-01348-00XXX

J7-01 OPEN
J7-02 OPEN
J7-03 IGNITION (12VDC)
J7-04 CLEARANCE LIGHT (12VDC)
J7-05 EMERGENCY MASTER (SINK)
J7-06 BATTERY NEGATIVE
J7-07 MODULE MASTER (SINK)
J7-08 SYSTEM ENABLE (12VDC)

FLASHER RCT-00772 / DATA CABLE: DAT-01346-00XXX

J8-01 BATTERY NEGATIVE
J8-02 PRIMARY (SINK)
J8-03 SECONDARY (SINK)

EXTERNAL COMPARTMENT #1 / DATA CABLE: DAT-01345-01XXX

J9-01 #1 COMPARTMENT INPUT (#1 OUTPUT CN20/CN20A-87)
J9-02 BATTERY NEGATIVE

EXTERNAL COMPARTMENT #2 / DATA CABLE: DAT-01345-01XXX

J10-01 #2 COMPARTMENT INPUT (#2 OUTPUT (CN20/CN20A-88)
J10-02 BATTERY NEGATIVE

NEGATIVE EXTERNAL COMPARTMENT #3 / DATA CABLE: DAT-01345-01XXX

J11-01 #3 COMPARTMENT INPUT (#3 OUTPUT CN20/CN20A-89)
J11-02 BATTERY NEGATIVE

EXTERNAL COMPARTMENT #4 / DATA CABLE: DAT-01345-01XXX

J12-01 #4 COMPARTMENT INPUT (#4 OUTPUT CN20/CN20A-90)
J12-02 BATTERY NEGATIVE

NEGATIVE EXTERNAL COMPARTMENT #5 / DATA CABLE: DAT-01345-01XXX

J13-01 #5 COMPARTMENT INPUT (#5 OUTPUT CN20/CN20A-91)
J13-02 BATTERY NEGATIVE

NEGATIVE EXTERNAL COMPARTMENT #6 / DATA CABLE: DAT-01345-01XXX

J14-01 #6 COMPARTMENT INPUT (#6 OUTPUT CN20/CN20A-92)
J14-02 BATTERY NEGATIVE

NEGATIVE SYSTEM ENABLE SWITCH / DATA CABLE: DAT-01347-00XXX

J15-01 TRIGGER ON SYSTEM ENABLE
J15-02 BATTERY POSITIVE
J15-03 SWITCH BACKLIGHTING
J15-04 BATTERY NEGATIVE

REAR FLOOD OVERRIDE SWITCH / DATA CABLE: DAT-01346-00XXX

J16-01 REAR FLOOD INTERLOCK HOLD (12VDC)
J16-02 REAR FLOOD TRIGGER (SINK)
J16-03 BATTERY NEGATIVE

RIGHT FLOOD OVERRIDE SWITCH / DATA CABLE: DAT-01346-00XXX

J17-01 RIGHT / REAR FLOOD INTERLOCK HOLD (12VDC)

J17-02 RIGHT / REAR FLOOD TRIGGER (SINK)

J17-03 BATTERY NEGATIVE

REAR DOOR OPEN SWITCH / DATA CABLE: DAT-01345-01XXX

J18-01 TRIGGER REAR DOOR IS OPEN (SINK)

J18-02 BATTERY NEGATIVE

DOOR OPEN SWITCH / DATA CABLE: DAT-01345-01XXX

J19-01 TRIGGER RIGHT DOOR IS OPEN (SINK)

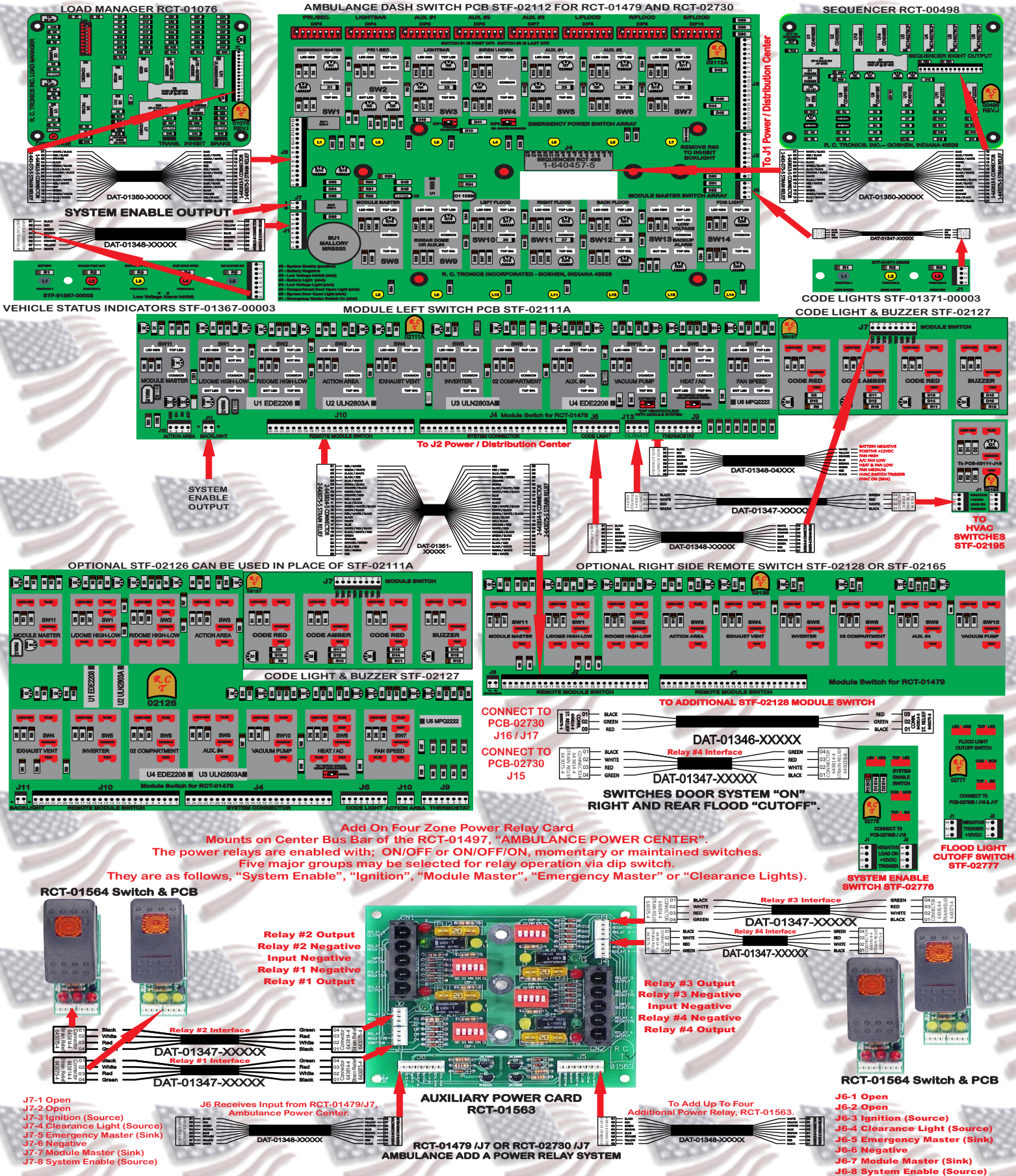
J19-02 BATTERY NEGATIVE

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AMBULANCE POWER CENTER RCT-01479 & 02730 SYSTEMS INTERFACE

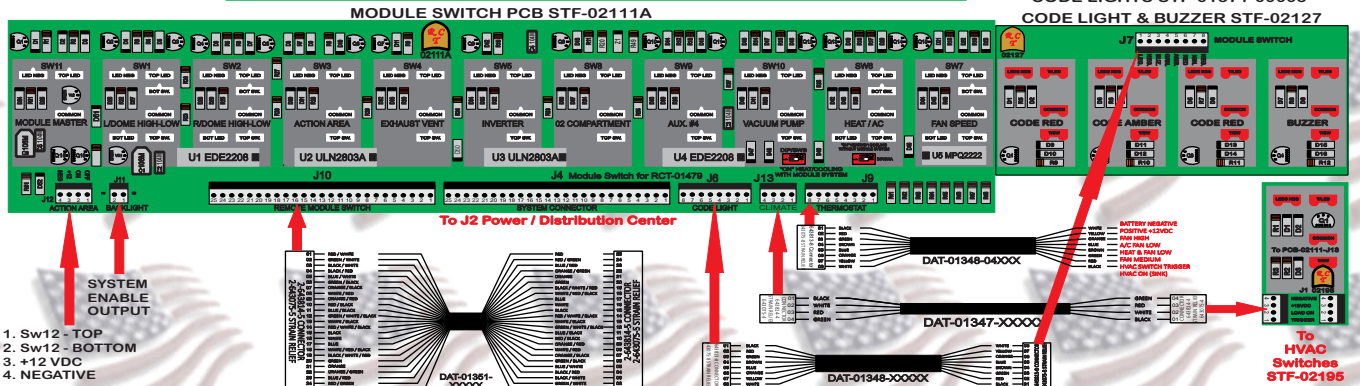
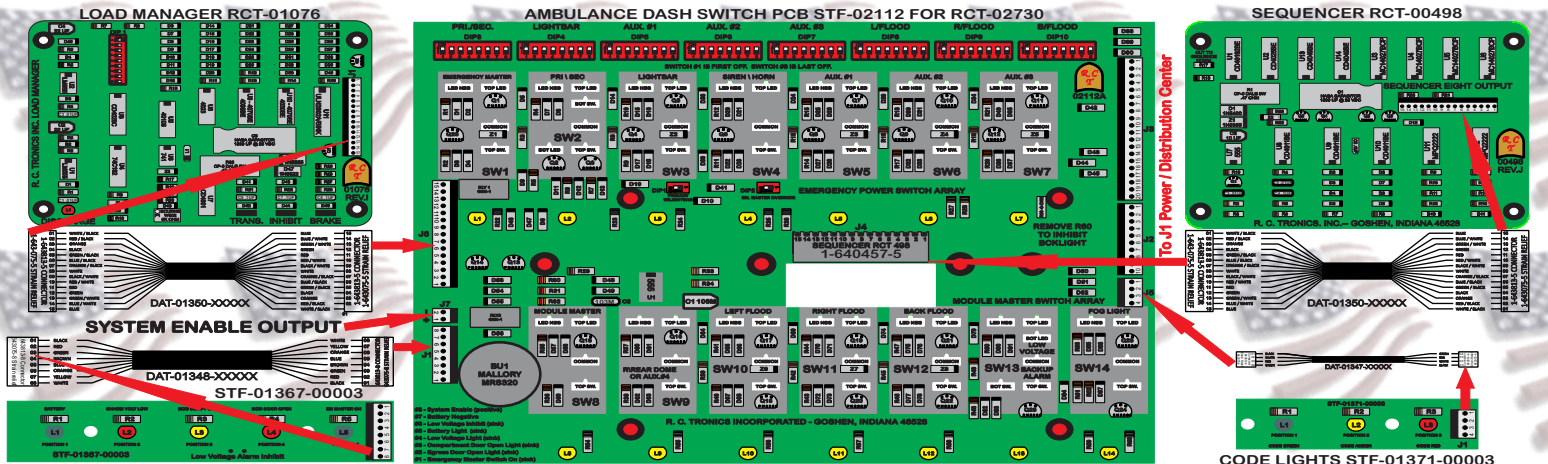


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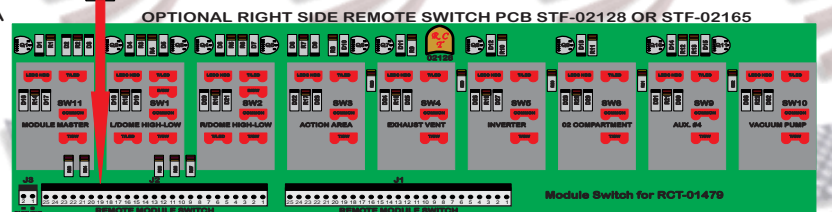
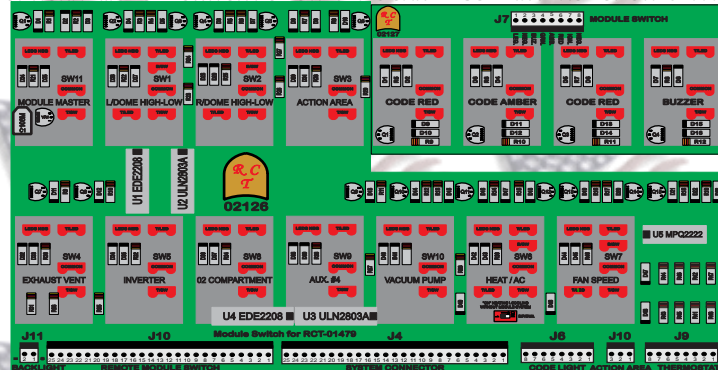
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AMBULANCE POWER CENTER RCT-01479 RCT-02730 SYSTEMS INTERFACE

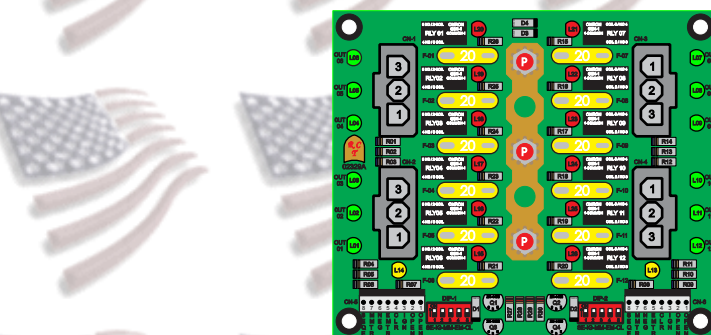


OPTIONAL MODULE SWITCH PCB STF-02126 CAN BE USED IN PLACE OF STF-02111A



Add On Four Zone Power Relay Card
 Mounts on Center Bus Bar of the RCT-01497, "AMBULANCE POWER CENTER".
 The power relays are enabled with: ON/OFF or ON/OFF/ON, momentary or maintained switches.
 Five major groups may be selected for relay operation via dip switch.
 They are as follows, "System Enable", "Ignition", "Module Master", "Emergency Master" or "Clearance Lights".

- J7-1 Open
- J7-2 Open
- J7-3 Ignition (Source)
- J7-4 Clearance Light (Source)
- J7-5 Emergency Master (Sink)
- J7-6 Negative
- J7-7 Module Master (Sink)
- J7-8 System Enable (Source)



AMBULANCE ADD A POWER RELAY SYSTEM

CONNECT TO PCB-02730 / J7 OF RCT-02730 / J7

CONNECT TO PCB-02730 / J6

SYSTEM ENABLE SWITCH STF-02776

FLOOD LIGHT CUTOFF SWITCH STF-02777

SYSTEM ENABLE SWITCH STF-02776

SYSTEM ENABLE SWITCH STF-02776

SYSTEM ENABLE SWITCH STF-02776

SYSTEM ENABLE SWITCH STF-02776

SYSTEM ENABLE SWITCH STF-02776

SYSTEM ENABLE SWITCH STF-02776

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SYSTEM ENABLE SWITCH STF-02776

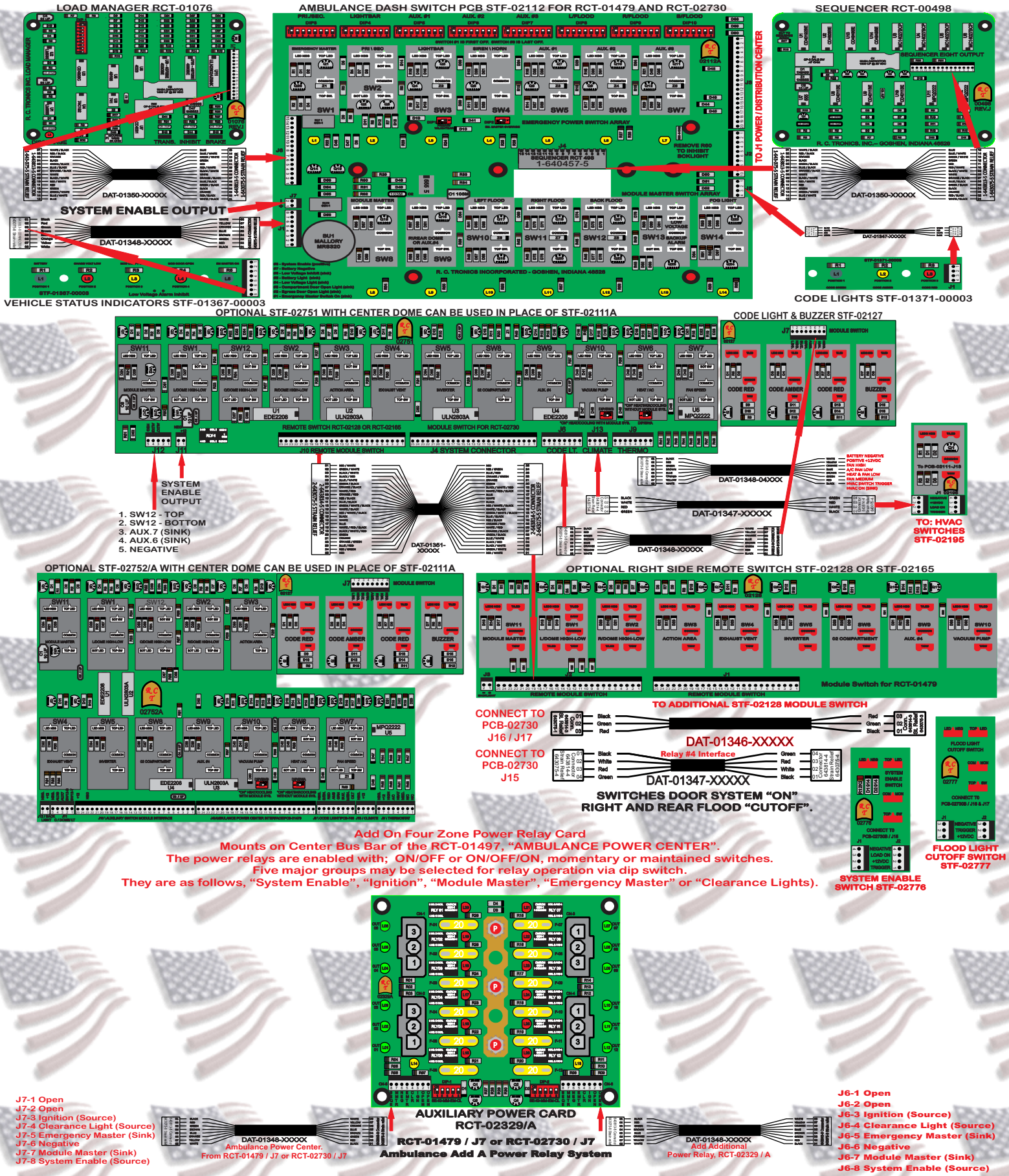
SYSTEM ENABLE SWITCH STF-02776

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AMBULANCE POWER CENTER RCT-02730 SYSTEMS INTERFACE



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DATA CABLES TO BE ORDERED WITH RCT-02730/F.

**NOTE: LAST THREE DAT: DIGITS DETERMINT LENGTH.
(X-10'S FEET – X-1 FOOT – X-INCHES).**

1. RCT-02730F – J08 – SECONDARY/PRIMARY FLASHER OUTPUT - DAT-01345-01XXX.
2. RCT-02730F - J09 – COMPARTMENT #1, LEFT – DAT-01345-01XXX.
3. RCT-02730F - J10 – COMPARTMENT #2, LEFT – DAT-01345-01XXX.
4. RCT-02730F - J11 – COMPARTMENT #3, LEFT – DAT-01345-01XXX.
5. RCT-02730F - J12 – COMPARTMENT #4, RIGHT – DAT-01345-01XXX.
6. RCT-02730F - J13 – COMPARTMENT #5, RIGHT – DAT-01345-01XXX.
7. RCT-02730F - J14 – COMPARTMENT #6, RIGHT – DAT-01345-01XXX.
8. RCT-02730F - J15 – MASTER SWITCH TO REAR DOOR – DAT-01347-00XXX, **DAISY CHAINED FROM**, REAR DOOR TO RIGHT DOOR – DAT-01347-00XXX.
9. RCT-02730F - J16 – REAR DOOR FLOOD OVERRIDE SWITCH – DAT-01346-00XXX.
10. RCT-02730F - J17 – RIGHT DOOR FLOOD OVERRIDE SWITCH – DAT-01346-00XXX.
11. RCT-02730F - J18 – REAR DOOR OPEN SWITCH - DAT-01345-00XXX.
12. RCT-02730F - J19 – RIGHT DOOR OPEN SWITCH - DAT-01345-00XXX.
13. RCT-02730F - J1 & J3 - DATA CABLE, 30 CONDUCTORS, FROM RCT-02730 to DASH SWITCH CENTER, PCB-02112 - DAT-01352-00XXX.
14. RCT-02730F - J02 - DATA CABLE, 25 CONDUCTORS, TO MODULE SWITCH CENTER, PCB-02111 - DAT-01351-00XXX.
15. RCT-02730-00000 AMBULANCE POWER CENTER.
16. RCT-XXXXXX-XXXXXX FRONT SWITCH PANEL.
17. RCT-XXXXXX-XXXXXX MODULE SWITCH PANEL, LEFT REAR, w/LOGO.

18 RCT-02997-00903 SWITCH PANEL, SYSTEM ACTIVATE SWITCH (PCB-02776) and DOOR FLOOD CUTOFF SWITCH (PCB-02777). (**TWO REQUIRED, REAR J16 & RIGHT J17 DOORS.**)

19 RCT-MOLEX 00024, MATING CONNECTOR.

20 DESIGN FEE; FRONT AND REAR SWITCH PANELS.

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CLIMATE CONTROL SETTING FOR THREE METHODS OF OPERATION

HVAC Switch, Climate Control Settings For RCT-01479-R & RCT-02730-H.

- HVAC Switch PCB-02195/J1, via data cable, DAT-01347-00XXX to PCB-02111/J13.
- Set; D/SWA, on PCB-02111, "OFF".
- Set; D/SWB, on PCB-02111, "OFF".
- Set, "Module Master", "ON".

RESULT:

HVAC now becomes operable, momentary switch closure will provide operation of, "Climate Control", on RCT-01479 and RCT002730.

Climate Control Settings For RCT-01479 and RCT-02730, without Module Master.

- Set; D/SWA, on PCB-02111, "ON".
- Set; D/SWB, on PCB-02111, "OFF".

RESULT:

Will provide operation of, "Climate Control", on RCT-01479 and RCT-02730.

Climate Control Settings For RCT-01479 and RCT-02730, with Module Master.

- Set; D/SWA, on PCB-02111, "OFF".
- Set; D/SWB, on PCB-02111, "ON".
- Set, "Module Master", "ON".

RESULT:

Will provide operation of, "Climate Control", on RCT-01479 and RCT-02730.

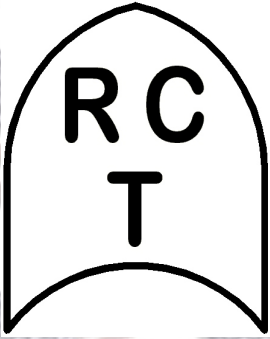
PCB-02111-J9; Thermostat, Pinouts for Terminating To. (Customer Supplied).

1. J9-1 – HVAC "ON", (sink) (BLACK)
2. J9-2 – HVAC Trigger from Switch (sink) (RED)
3. J9-3 – Fan Medium Speed, (source) (GREEN)
4. J9-4 – Heat with Fan Low, (source) (BROWN)
5. J9-5 – A/C with Fan Low, (source) (BLUE)
6. J9-6 – Fan High Speed, (source) (ORANGE)
7. J9-7 - +12 vdc, (source to all inputs) (YELLOW)
8. J9-8 – Negative (WHITE)

PCB-02111/J13; to PCB-02195/J1, Pinouts, Climate Control.

1. J13-1 – HVAC Trigger from Switch (sink) (BLACK)
2. J13-2 – HVAC Load "ON", (sink) (WHITE)
3. J13-3 - +12 vdc, (source to PCB-02195) (RED)
4. J13-4 – Negative to PCB-02195 (GREEN)

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