

PREVOST

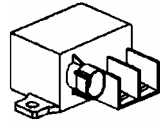


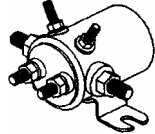
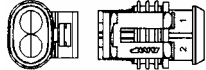
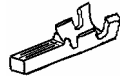
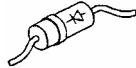


Instruction Sheet

IS-05902

REPLACING "METEK PRESTOLITE" R39 & R41 RELAYS WITH TYCO RELAYS

MATERIAL

Kit #066662 includes the following parts:

Part No.	Description	Identification	Qty
563348	Relay, Tyco		2
502564	Washer, Split-Lock		4
502581	Nut, Hexagonal		4
561014	Relay, Metek Prestolite		1
563409	Connector, AMP Superseal 1.5 series		2
562607	Terminal, Tab		4
561740	Diode		3
560382	Tube, Plastic		1
560082	Terminal, Ring for diode (Condenser compartment)		4
560083	Terminal, Ring for diode (Evaporator compartment)		2
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PROCEDURE

⚠ WARNING ⚠

Park vehicle safely, apply parking brake, stop engine and set battery master switch(es) to the OFF position prior to working on the vehicle.

1. Open the main power compartment or the evaporator compartment depending on location of relays (Refer to figures 1 and 2).

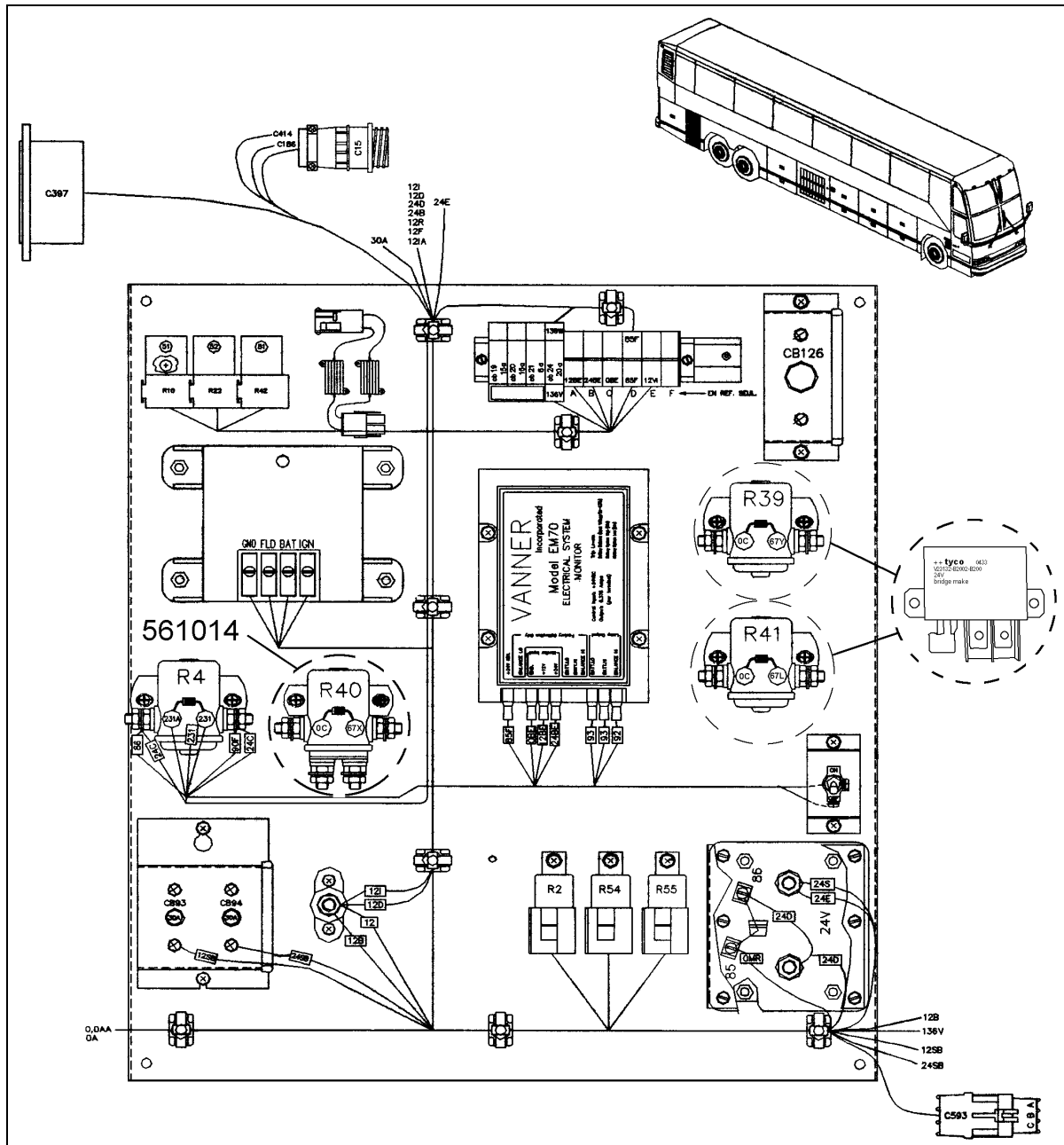


FIGURE 1: MAIN POWER COMPARTMENT

2. Remove relays R39 and R41 then install new Tyco relays (563348). In the case of relays located inside the main power compartment, it would be advisable to add a shim behind the relays in order to move them away from the wall.
3. Disconnect connectors C438 and C439 then remove resistors R36 and R37, if previously installed. Reconnect connectors C438 and C439 together.
4. Crimp a tab terminal (562607) at the end of wire 0C then insert terminal into AMP connector (563409) contact housing 1, crimp a tab terminal (562607) at the end of wire 67 then insert terminal into AMP connector (563409) contact housing 2. Connect AMP connector (563409) to relay connector.

5. Connect wires 00 and 41 to new Tyco relay terminals. Use split-lock washers (502564) and hexagonal nuts (502581) to secure the wires onto the terminals.
6. Replace R40 relay with new "Metek Prestolite" relay (561014). Reuse installed diode.
7. Crimp a ring terminal (560082) and (560083) at the end of each diode (561740). Cut the plastic tube (560382) into three 4-inch pieces then insert a diode assembly into each plastic tube. Install one diode assembly on each condenser motor and one on the evaporator motor as shown in figure 3.

NOTE

Make sure silver band is on positive side.

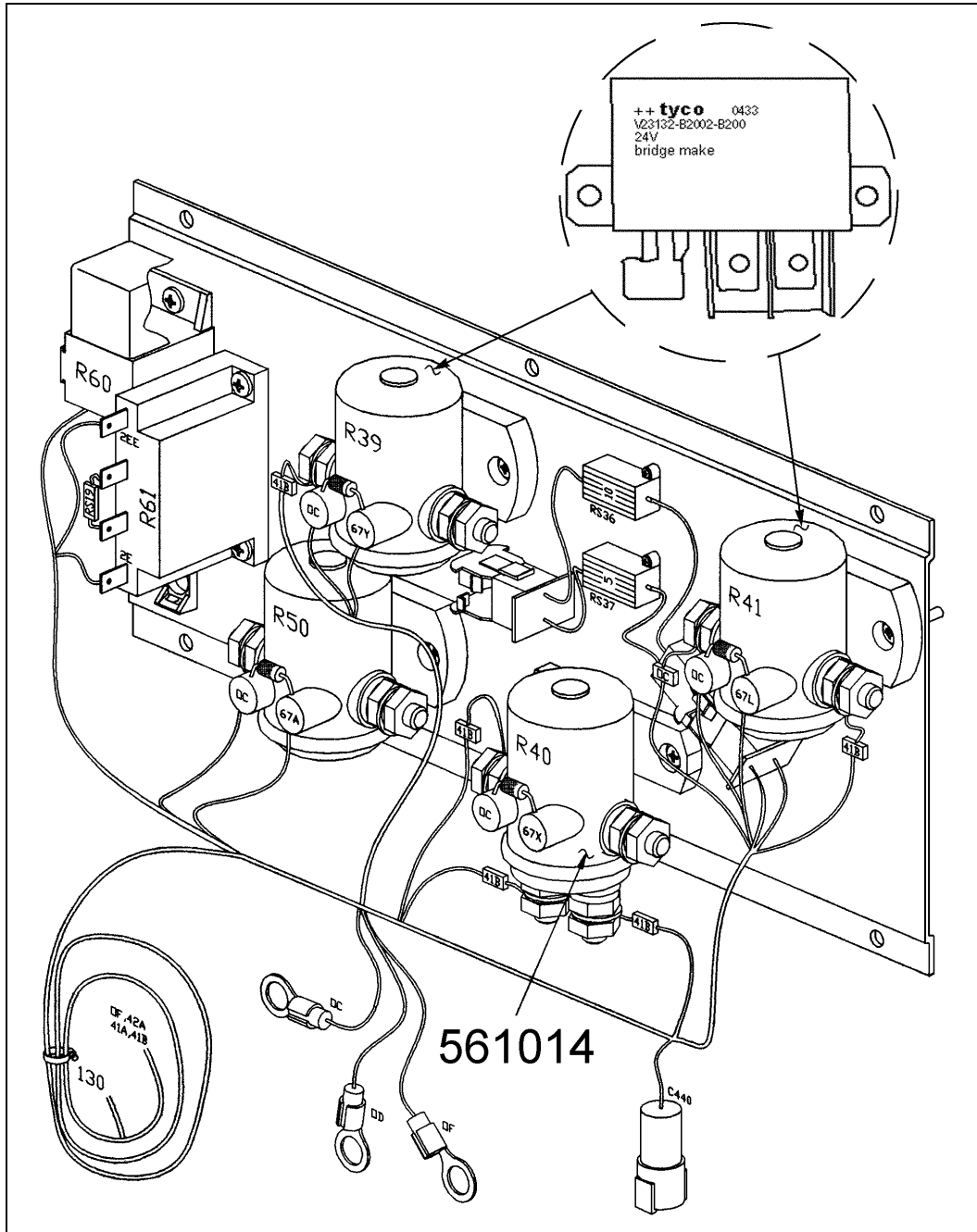


FIGURE 2: EVAPORATOR COMPARTMENT

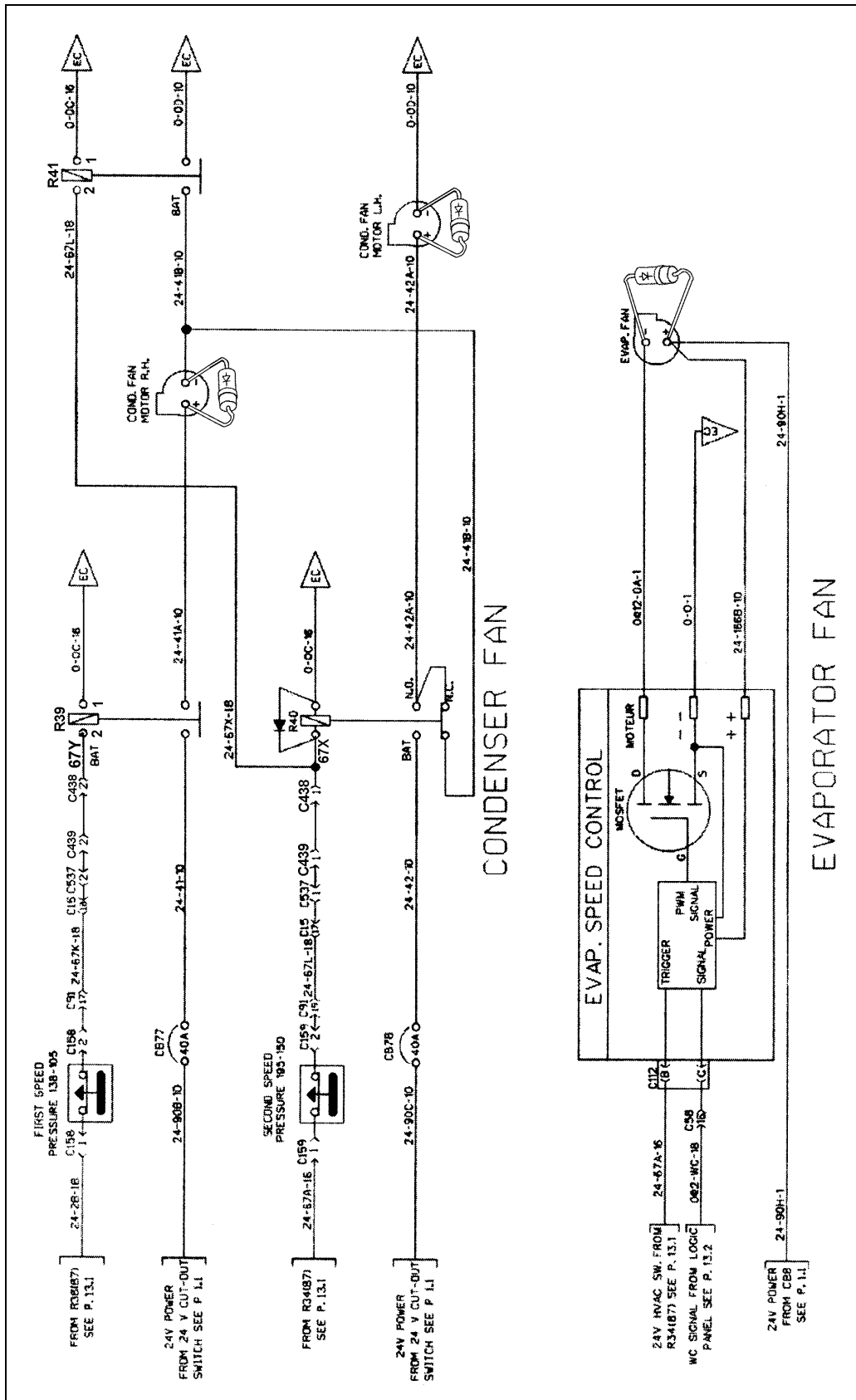


FIGURE 3 : NEW INSTALLATION