

Instruction Sheet

RELOCATION OF 110-120 VOLT POWER CONNECTOR

Material

Kit #06-3294 includes the following parts.

Part no	Description	Qty
06-3287	Engine block heater power cord assembly	1
06-3288	Fresh water tank heating element power cord	1
06-3281	Clamping washer	1
50-2677	Screw M4 x 0,7 x 25 mm	2
50-4015	Cable tie 3/16" x 14 1/2"	17
38-1236	Insulator	2
IS-92022	Instruction Sheet	1
FI-92022	Feuille d'instructions	1

2. Open front service compartment door then locate the breaker bank mounted on alarm junction box front face (see fig. 1).

3. Remove the four screws retaining breaker bank cover then remove cover.

4. Disconnect wires from engine block heater breaker (CB-68), remove breaker, replace it by insulator #38-1236 then fix wires to insulator.

- On H3-40 V.I.P. coach shell, go to step 6 and discard second insulator (#38-1236) as it will not be required.

- On H3-40 coach, proceed with the following step, but if vehicle is provided with the optional refrigerator, go to step 6 and discard second insulator (#38-1236) as it will not be required.

5. Disconnect wires from water tank heater breaker (CB-69), remove breaker, replace it by insulator #38-1236 then fix wires to insulator.

6. Position cover over breaker bank, then fix it using the four screws. Close front service compartment door.

Procedure

1. Park vehicle safely, then set battery main disconnect switches to the "OFF" position.

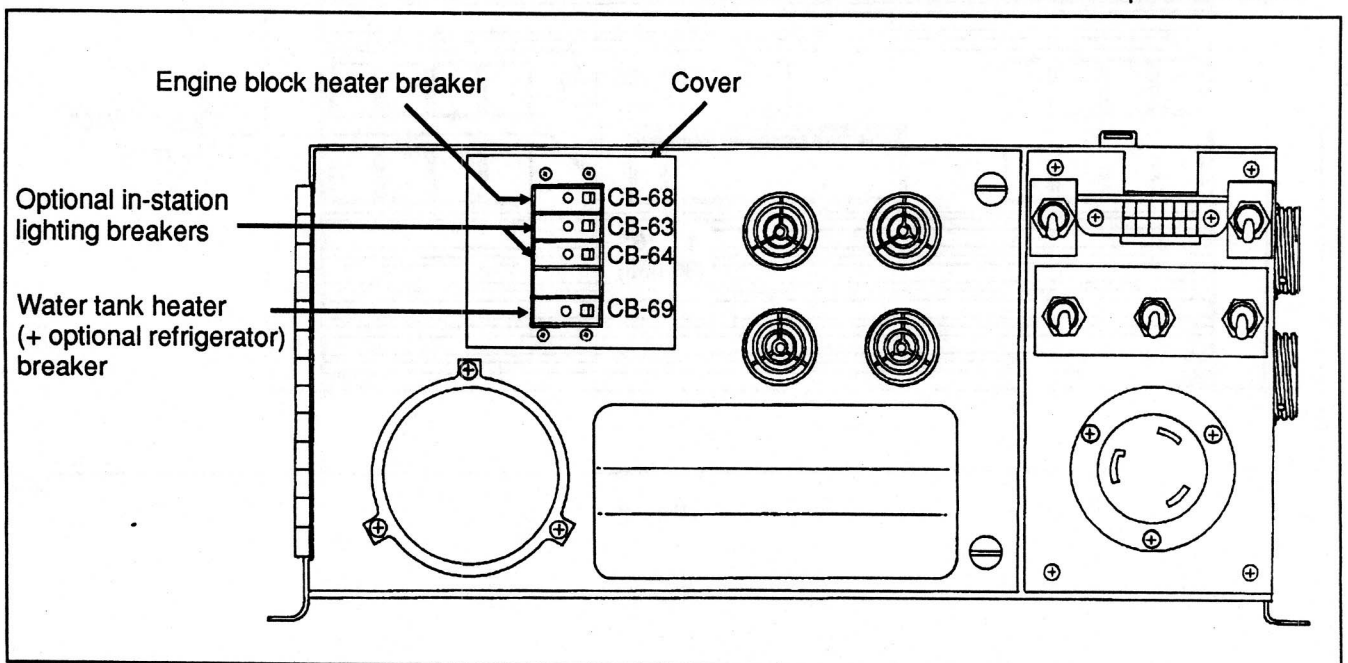


Fig. 1 - Alarm junction box

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7. Open engine R.H. side and rear doors then locate engine block heater receptacle which is mounted close to the engine oil filler pipe.
8. Unscrew block heater power cord connector nut, then pull out connector.
9. Trace block heater power cord until wiring harness clamp, then cut it close to clamp. The cord extremity does not need insulation as cord hereafter won't be charged.
10. Referring to measures given in figure 2, mark position of hole to drill on the engine rear door panel.
11. Drill engine rear door panel using a 1 11/16" (43 mm) diameter hole saw.
12. Insert power cord assembly (#06-3287) through opening then using male plug housing mounting plate as a template, mark position of the 2 mounting holes to drill.
13. Remove power cord assembly from opening then drill two 3/16" (5mm) diameter mounting holes.
14. Re-insert power cord assembly through opening then position clamping washer #06-3281 over male plug housing on the inner side of rear door panel.
15. Position the mounting plate gasket adequately, then fix mounting plate to clamping washer using the two screws #50-2677.

16. Route power cord to engine block heater while following the wiring harness fixed on pantograph arm (see fig. 3), the engine R.H. vertical post and the engine oil reserve tank delivery hose. Fix power cord at different places using cable ties.

CAUTION: Be sure power cord is routed away from any moving parts and from exhaust manifold.

Be sure power cord does not interfere with vehicle rear cap when door is fully opened.

17. Connect power cord to block heater receptacle then fix using power cord connector nut.
 - On H3-40 V.I.P. coach shell, go to step 27 and discard water tank heating element power cord #06-3288 as it will not be required.
18. From inside vehicle, locate water tank access panel mounted on lavatory front wall, at rear of last R.H. side row of seats.
19. Remove snap caps and screws retaining panel then slide it down.
20. Identify heating element mounted in the bottom of the water tank, trace element wires until connector (C-42), disconnect connector then connect it to the corresponding connector of power cord #06-3288.

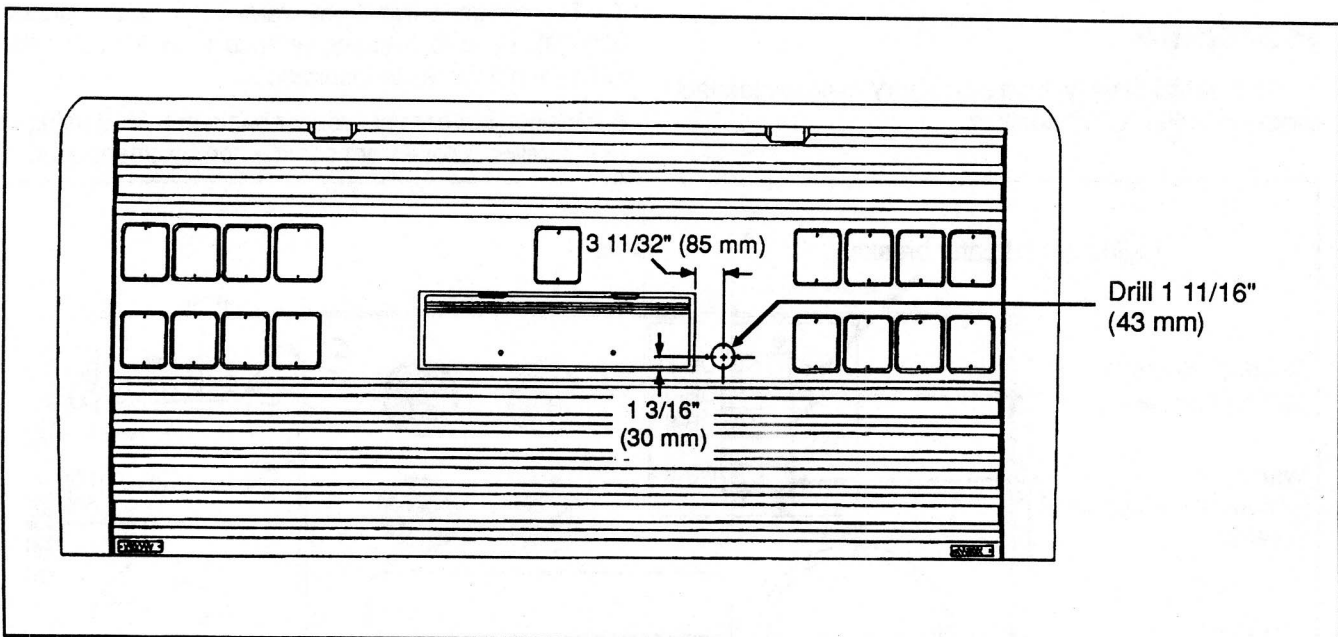
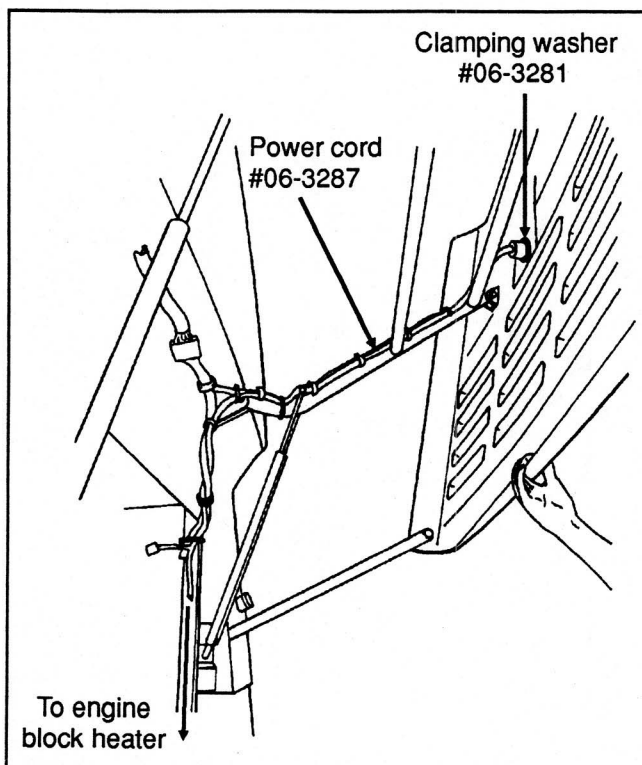


Fig. 2

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Fig. 3 - Routing of engine block heater power cord

21. Locate the rubber bellows mounted in the lower L.H. corner, then remove the cable tie closing the bellows opening.

22. Insert the power cord #06-3288 in the rubber bellows opening, then close opening using a new cable tie.

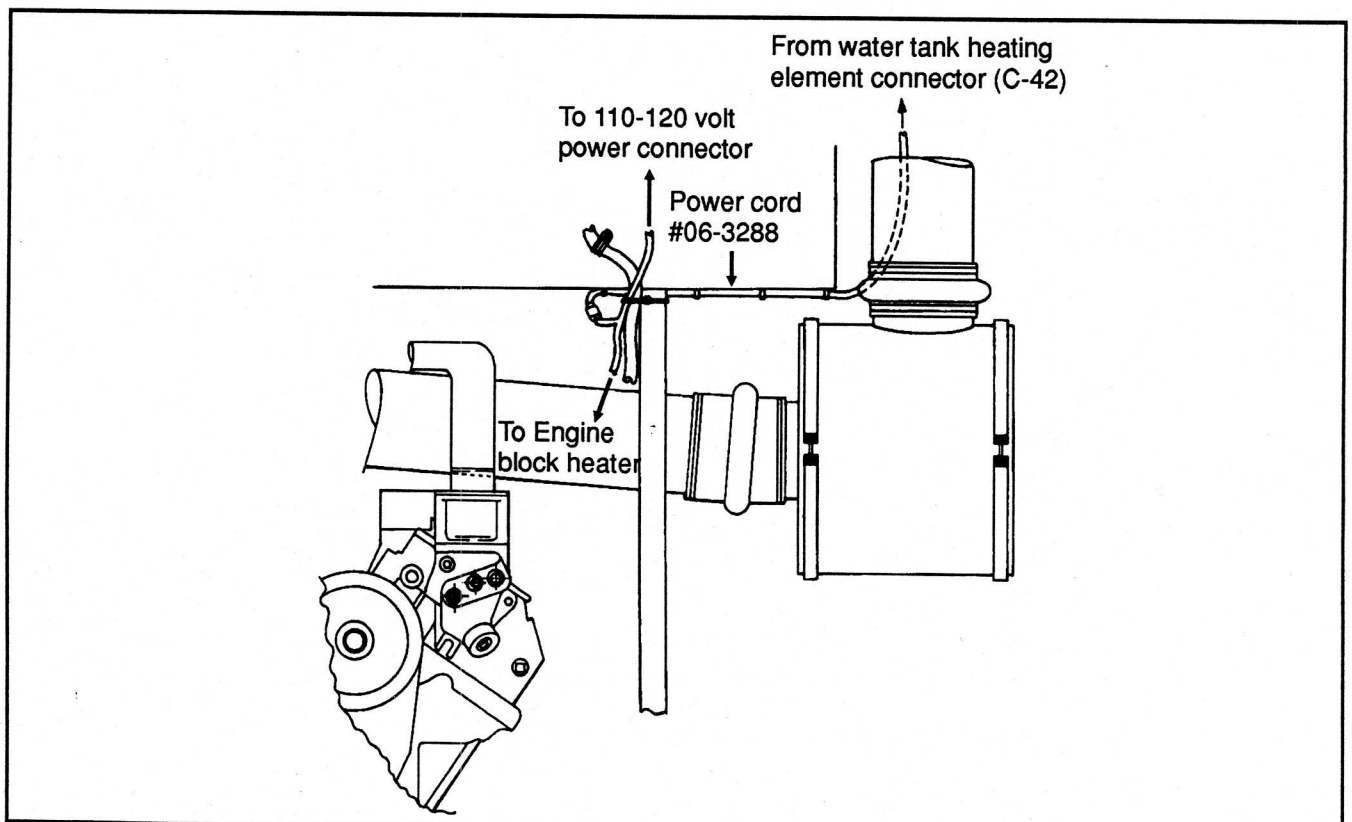
23. Replace water tank access panel, fix it using screws and replace snap caps.

24. From outside vehicle, identify power cord #06-3288 hanging in the engine air pre-cleaner area.

25. Route power cord towards the unoccupied connector of engine block heater power cord (#06-3287) previously installed, while following existing wiring harness as illustrated in figure 4, then connect it to block heater power cord connector.

26. Fasten power cord to wiring harness using cable ties.

27. Close engine R.H. side and rear doors.



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Fig. 4 - Routing of water tank heating element power cord