

GROUND CABLE INSTALLATION FOR BLUE BIRD

DASH AIR GAUGES



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JM
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Approved by:

Property name and top bus number: L4RE, C4RE Blue Bird buses

Issue: The dash gauges are not accurate.

Reason/ cause: Incorrect ground connection.

Solution: Install additional ground harness (jumper cable) between the PRX module and ground stud according to this SOI.

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Number of affected buses: as required

Estimate repair hours/bus: 0.5 hours.

Necessary parts:

Complete harness assembly, Part #: **0125101** 1 / bus,

Necessary tools: 9/16" socket with extension to remove and reinstall the nut from ground stud.

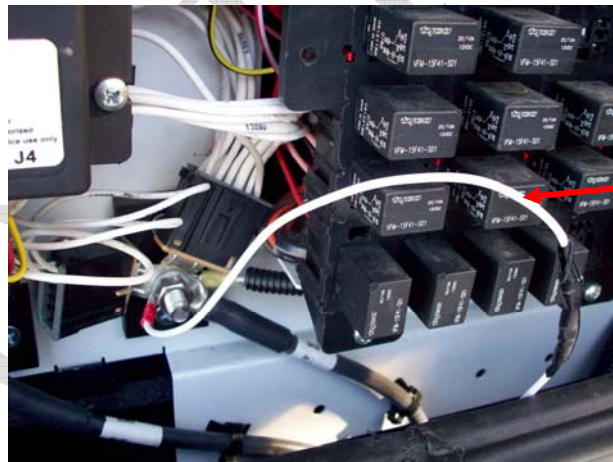
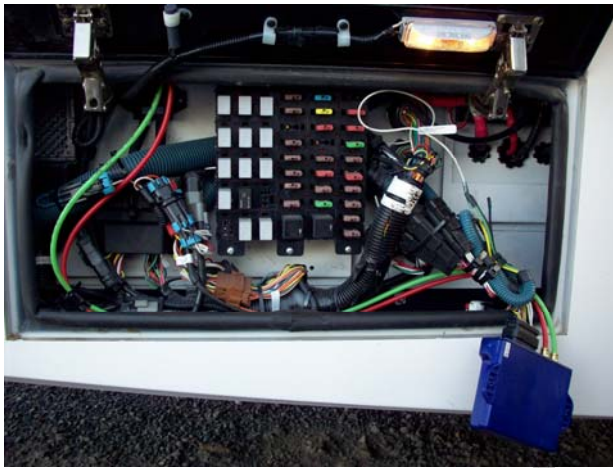
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SAFETY PRECAUTIONS MUST BE FOLLOWED ACCORDING TO ACCEPTED INDUSTRY STANDARDS AND LOCAL/PROPERTY REQUIREMENTS.

1. Park the bus and apply the parking brake.
2. Turn off the main electric switch.
3. Locate the PRX module: on the C4RE standard floor buses the module located in the lower compartment under the driver's window. On the L4RE low floor buses the module is located right side of the dash compartment.



Ground wire

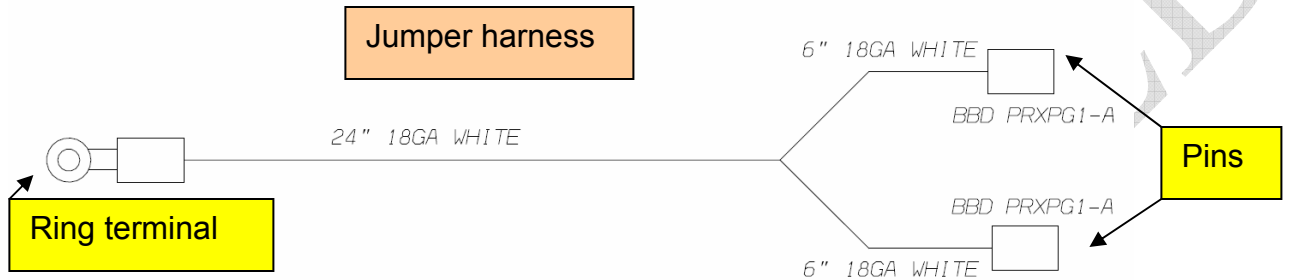
4. Remove connector from PRX-1 module.
5. Inspect pin number 22 and 23, if wires are present no further action is required. If no wires present continue to Step 6.
6. Remove plugs from connector pin holes numbers 22 and 23.
7. Install supplied harness terminals into the connector ensuring proper engagement of locking tabs by pulling back on wires.
8. Reinstall connector onto PRX-1 module.

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9. Locate grounding stud in upper electrical panel of C4RE and below the PRX-1 module on the L4RE.
10. Remove nut from ground stud and install ring terminal end of harness onto stud.
11. Reinstall nut.



12. Remove all of the tools from working area.
13. Turn on the main electrical switch.
14. Check the dash gauges for proper operation.