



April 15, 2010

Dear Blue Bird Owner,

You will find enclosed a copy of Service Bulletin S10RP regarding the batteries on certain 2009-2010 model year Blue Bird Vision model buses equipped with GM 8.1 propane engines.

On the subject buses the batteries may drain if the bus is not operated for a period of time. This is due to the battery power being wired direct instead of through the ignition circuit which allows a constant draw on the batteries. To remedy this condition wiring modifications must be performed as directed in Service Bulletin S10RP. A copy is attached.

Your buses affected by Service Bulletin S10RP are indicated by Blue Bird body number on the enclosed cover sheet.

Time allowed to perform Service Bulletin S10RP is 0.8 hours (48 minutes) per bus.

Parts for Service Bulletin S10RP must be ordered through your Blue Bird dealer. .

You may contact your Blue Bird dealer to arrange to have Service Bulletin S10RP performed. Or, if you prefer, you may perform the modification yourself or have a qualified repair facility convenient to you perform Service Bulletin S10RP. A qualified technician should perform this procedure.

Service Bulletin S10RP ends one (1) year from date of issue. Claims for repairs performed after the end date cannot be submitted to Blue Bird.

Should you have any questions concerning this bulletin, please contact your Blue Bird dealer.

Sincerely,



Bill Coleman
Engineering Services
Blue Bird Corporation
478-822-2242

BLUE BIRD BODY COMPANY

P.O. Box 937 – 402 Blue Bird Blvd – Fort Valley, Georgia – (478) 825-2021



Propane Vision Battery Drain

MODELS AFFECTED: 2009 & 2010 Propane Visions

ISSUE

The vehicle batteries may drain over a period of time if the engine is not operated.

CORRECTIVE ACTION

This procedure performs three minor wiring modifications: relocating one pin in the GM fuse block, adding a wire splice near the Powertrain Control Module and adding a wire splice in the Chassis PDU harness.

PROCEDURE ALWAYS READ THE ENTIRE PROCEDURE BEFORE PERFORMING

WARNING Always follow all federal, state, local, and shop safety standards and use proper safety equipment when performing this procedure.

1 Park vehicle on level surface. Apply the parking brake. Remove key and chock wheels. Disconnect both positive and negative battery cables.

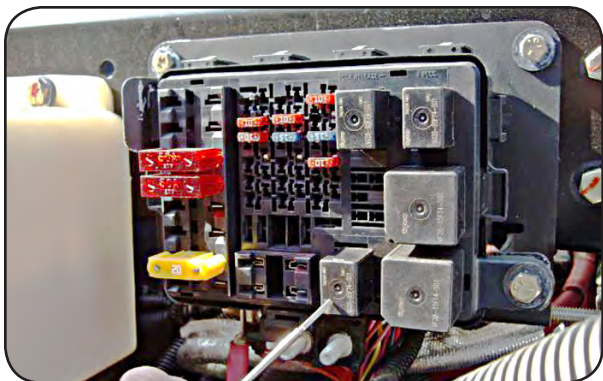
1.1 Open the Engine hood

2 Rewire TAC Module Brake Relay, as follows:

2.1 Locate GM fuse block and remove cover.



2.2 Identify and remove TAC Module brake relay.



2.3 Remove the fasteners attaching the fuse block assembly to the crossmember. Tilt fuse block away from the crossmember to gain access to the wiring on back.

2.4 Locate circuit #1320 — a Blue 20 ga wire — connected to the TAC Module brake relay.



2.5 Remove circuit #1320 from its current location in fuse-block location E7 and insert it into location E8.



2.6 Re-attach fuse block to crossmember.

2.7 Re- install TAC Module brake relay.

2.8 Replace cover.

S10RP

S E R V I C E B U L L E T I N

3 High Idle function wiring, as follows:

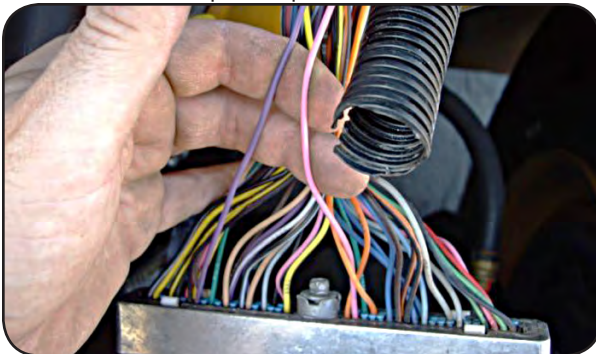
3.1 Locate the Powertrain Control Module.



3.2 Locate and disconnect the Blue 80 way connector.



3.3 Locate purple wire #420B in cavity #33 and pink wire #439A in cavity #19. Remove tape and loom from wiring harness to allow space to splice these two circuits.



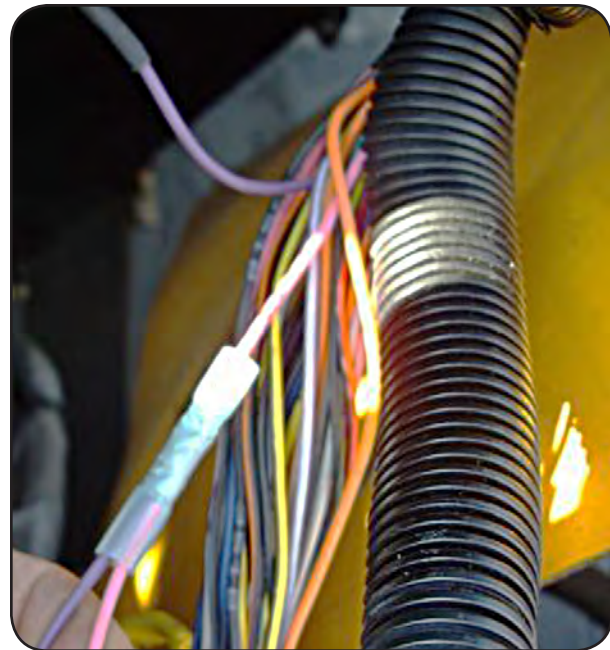
3.4 Cut both wires at same length.

3.5 Fold back and tape to the harness the non-connector end of the purple #420B wire as it will no longer be used.



3.6 Strip ends and butt splice together the three remaining wires using a heat shrink butt connector.

3.7 Shrink heat shrink with heat gun, allow to cool.



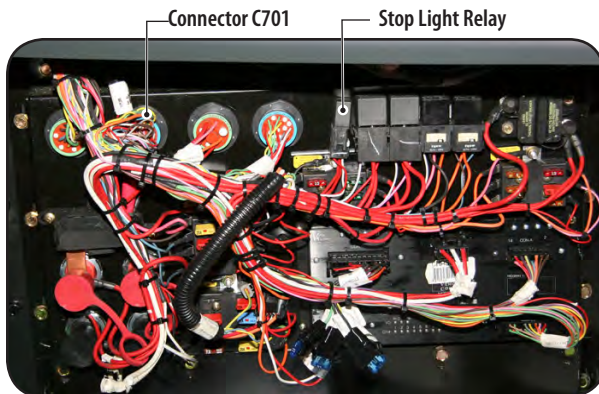
3.8 Tape loom back to harness and re-connect connector to Control Module.

3.9 Close engine hood

4 Stop Light Relay wiring, as follows:

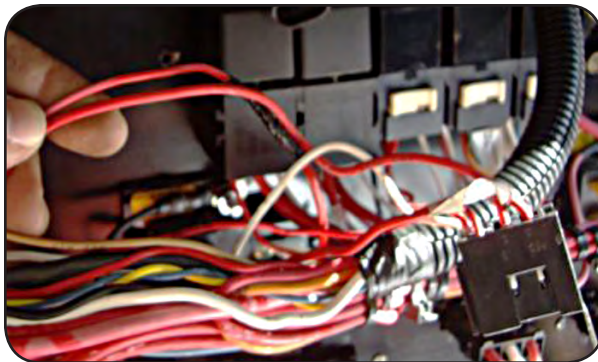
4.1 Remove PDU cover inside bus by removing the two thumb screws, one on each side.

4.2 Locate connector C701 on the left side of the PDU panel assembly and the stop light micro relay toward the top center of the PDU panel assembly .



4.3 Cut cable ties securing wiring harness along the section between the stop light relay and connector C701.

4.4 Locate the Red wire labeled "CC Cancel" in cavity #24 of C701 and the Red wire labeled "Stop Light A" or "Stop Light B" connected to Pin #5 of the Stop Light Relay.



4.5 Cut both of these wires the same length.

4.6 Fold back and tape to the harness the non -connector end of the red "CC Cancel" wire as it will no longer be used.



4.7 Strip ends and butt splice together the three remaining wires using a heat shrink butt connector.

4.8 Shrink heat shrink with heat gun, allow to cool.



4.9 Re-secure harness using new cable ties and re-install PDU cover.

5 Re-connect batteries and perform operational tests:

5.1 Test High Idle function. Park Brake must be set for proper operation.

5.2 Test brake light function with Service brakes.

5.3 Procedure is complete. Bus may be returned to normal service.

PARTS

PART NUMBER	QUANTITY	DESCRIPTION
00036507	2	Terminal, Butt Connector, 14-16 ga, Insulated, Heat Shrinkable