



February 27, 2009

TO: NORTH AMERICAN DEALERS

**SUBJECT: SERVICE BULLETIN S09PA
MODELS**

**AFFECTED: 2005-09 MODEL YEAR VISION BUSES WITH BATTERY
DISCONNECT SWITCH OPTION**

The battery disconnect switch cable routing on the subject units must be inspected and, if necessary, modified according to the attached service bulletin.

Instructions for inspecting and relocating the battery disconnect switch jumper cable are provided in Service Bulletin S09PA. A copy is attached.

Time required for inspecting and relocating the battery disconnect switch jumper cable is 0.2hrs (12 minutes) per bus. Time required to replace battery disconnect switch, if needed, is 0.5hrs (30 minutes) per bus.

A printout of your buses affected by Service Bulletin S09PA is attached.

Service Bulletin S09PA is being mailed directly to owners. Owners are being advised to contact their dealer for assistance, if needed.

Service Bulletin S09PA expires one (1) year from date of issue.

Questions regarding Service Bulletin S09PA should be directed to your Blue Bird Service Representative.

Sincerely,

Bill Coleman
Blue Bird Corporation
478-822-2242
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BLUE BIRD CORPORATION
402 Blue Bird Blvd. • Fort Valley, Georgia 31030
Phone: (478) 822-2215



BLUE BIRD

February 27, 2009

Dear Blue Bird Owner,

You will find enclosed a copy of Service Bulletin S09PA regarding the battery disconnect switch cable routing on your 2005-09 model year Blue Bird "Vision" buses.

The battery disconnect switch cables must be routed according to the enclosed service bulletin (S09PA) instructions. Copy attached.

Your buses affected by Service Bulletin S09PA are identified by Blue Bird body number on the enclosed cover sheet.

Time required for inspecting and relocating the battery disconnect switch jumper cable is 0.2 hrs (12 minutes) per bus. Time required to replace battery disconnect switch, if needed, is 0.5 hrs (30 minutes) per bus.

You may contact your Blue Bird dealer to arrange to have Service Bulletin S09PA performed. Or, if you prefer, you may perform this modification yourself or have a qualified repair facility convenient to you perform this modification. A qualified technician should perform this modification.

Service Bulletin S09PA expires one (1) year from date of issue.

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

Sincerely,

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Battery Disconnect Switch

MODELS AFFECTED: All 2005-2009 BBCV Visions With Option 40142-01, Battery Disconnect Switch

ISSUE

On affected models, the battery disconnect switch jumper cable may be connected to the wrong disconnect switch stud(s).

CORRECTIVE ACTION

This procedure describes inspection and correction of the battery disconnect switch jumper cable connections.

PROCEDURE

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

1 Park the vehicle on a level surface, apply parking brake, turn engine off, remove key and chock wheels.

2 Open the battery compartment and disconnect the battery ground and positive cables from the battery terminals.

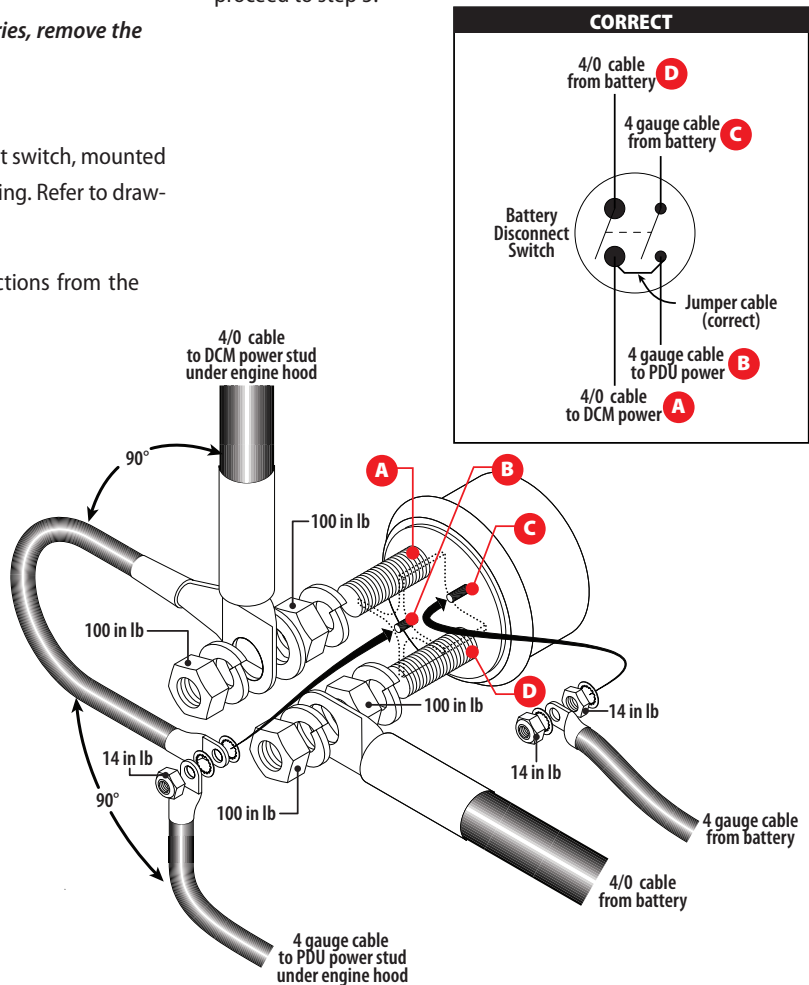
CAUTION When disconnecting the batteries, remove the Negative cable first.

3 Locate the body of the battery disconnect switch, mounted to the outside of the battery compartment housing. Refer to drawings below, note the following:

- The switch assembly receives two connections from the battery box: A 4/0 cable connected to a 1/2" stud and a 4 gauge cable connected to a 10-32 stud. The jumper cable should not connect to either of these studs.
- The switch assembly has two other connections, both of which lead to the rear of the engine compartment: A 4/0 cable connects to a 1/2" stud on the switch and provides power to the DCM, and a 4-gauge cable connected to a 10-32 stud on the switch provides power to the PDU. These two switch terminals should be bridged by the jumper cable.

4 Referring to the illustrations below, inspect the battery disconnect switch jumper cable connections, to ensure that the jumper cable connects between the 4/0 cable and 4 gauge cables which lead to the engine compartment, and that neither end of the jumper cable connects to either of the cables which lead to the battery box.

If the connections are verified as described above, the battery disconnect switch is wired correctly. Proceed to step 6 to return the bus to service. If the connections are not as described above, proceed to step 5.





5 Remove the jumper cable and connect it to the correct terminal studs as shown in the illustration. Tighten all ½" stud nuts to 100 in lb. Tighten all 10-32 stud nuts to 14 in lbs. Apply a corrosion protection such as red glyptal to all studs/terminal ends from which nuts were removed.

CAUTION *If the threads of the battery disconnect switch stud(s) are damaged during removal of the nut(s), replace the battery disconnect switch (part # 01902337) with a new switch, available on Parts123.*

6 Reconnect the positive and negative battery cables.

CAUTION *When connecting the batteries, connect the Negative cable last.*

Test the battery disconnect switch for proper operation. Return the bus to normal service.