



R13WG

June 20, 2013

Dear Blue Bird Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. Blue Bird Body Company has decided that a defect which relates to motor vehicle safety exists in certain 2014 model year Vision model school buses manufactured from March 11, 2013 through April 29, 2013 and equipped with Ford propane engines.

On the subject buses, the brake light switch may not have been adjusted properly. An improperly adjusted brake light switch may result in one of the following occurrences.

1. Brake lights may remain illuminated after the brake pedal has been released.
2. Brake lights may be delayed in illumination after the brake pedal has been depressed and brake force applied to the vehicle.
3. When a "Missing Brake Input" fault code is displayed on the dash the engine may derate.

An improperly adjusted brake light switch may not allow other drivers to be aware of the bus operators intentions when the brakes are being applied which could result in a crash. Blue Bird is conducting a recall to correct this defect. Buses with this defect must be inspected and, if necessary, modified according to the enclosed instructions for Recall R13WG.

Your Blue Bird bus(es) affected by this recall are identified by **body serial number(s)** on the enclosed reply sheets. If you no longer own the subject bus(es), please complete the appropriate section of the **yellow** reply sheet and return to Blue Bird in the enclosed pink postage prepaid envelope.

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

To receive replacement brake light switches, if required after inspection for proper adjustment, you must return the yellow recall reply sheet to Blue Bird in the pink, self-addressed, postage prepaid envelope. Be sure to provide a valid shipping address as UPS does not deliver to P.O. Boxes.

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



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Labor time to inspect brake light switch adjustment is 0.1 hours per bus.

Labor time to inspect brake light switch adjustment and install a new brake light switch, if needed, is 0.3 hours per bus.

Reimbursement for labor may be obtained by completing the pink "Labor Reimbursement" sheet provided and returning it to Blue Bird in the enclosed pink postage prepaid envelope.

Check column "A" on the pink reply sheet if inspection only was performed.

Check column "B" on the pink reply sheet if both inspection and brake switch installation were performed.

If the modifications directed by this notification were performed on your bus prior to the receipt of this recall notification, complete and sign the recall reply sheet and attach a copy of the work order/invoice. Mail the documents in the pink self-addressed postage paid envelope included with the recall notification to Blue Bird for warranty consideration. Reimbursements will be made in accordance with the requirements of the National Highway Transportation Safety Act, Title 49 Code of Federal Regulations, Parts 573 and 577.

Federal law requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days.

If Blue Bird Body Company should fail to or is unable to remedy this condition without charge to you, you may contact:

**ADMINISTRATOR
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION
1200 NEW JERSEY AVENUE, SE
WASHINGTON, D.C. 20590**

Or, you may call The National Highway Traffic Safety Administration toll free at:

1-888-327-4236 TTY 1-800-424-9153 Or, go to: [HTTP://WWW.SAFERCAR.GOV](http://WWW.SAFERCAR.GOV)

Questions regarding this recall campaign should be directed to me at (478) 822-2242.

Thank you,

Bill Coleman
Corporate Recall Administrator
Blue Bird Body Company



Service Brake Switch Adjustment Inspection

RECALL

Models Affected: Certain 2014 Model Year Vision Buses Equipped with Ford 6.8L Propane Engines

ISSUE

On affected models the service brake switch may not have been adjusted properly during manufacture. A mis-adjusted service brake switch can result in one of the following conditions:

- Service brake lamps may remain on after the brake pedal has been released.
- Service brake lamps may be delayed in illuminating after the brake pedal has been depressed and brake force has been applied to the vehicle.
- Dash displays “Missing Brake Input” message and the engine may derate.

CORRECTIVE ACTION

Inspect the service brake switch for proper adjustment according to the following instructions. If adjustment is required the service brake switch must be replaced. A new service brake switch will be provided if adjustment is required.

PROCEDURE

WARNING: Always follow all Federal, State, Local, and Shop safety standards and use proper safety equipment when performing these procedures. Observe all safety precautions to secure the bus from rolling. Park the bus on a level surface, apply parking brakes, turn off engine and remove keys. Chock wheels.

Read and understand instructions before proceeding with service brake switch adjustment inspection.

INSPECTION PROCEDURE

Step 1. Turn on Ignition switch and allow cluster to complete its start up. Start up is complete when gauges are no longer sweeping.

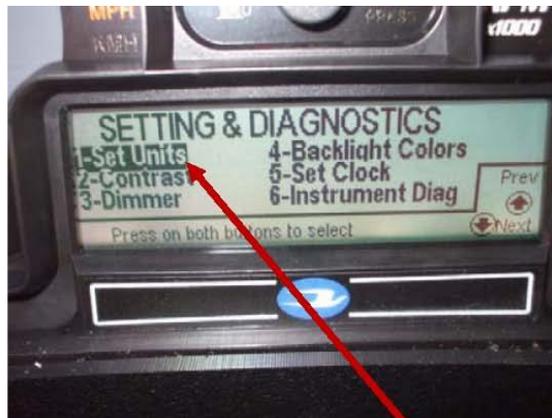
Step 2. For Air brake vehicles verify system pressure is above the warning levels. Start vehicle, if needed, to bring levels above the low air warning levels. Note: this step does not apply to hydraulic brake vehicles.

Step 3. Locate push button switches on instrument cluster. Switches are located in the bottom right corner. (See picture 1)

PICTURE 1



PICTURE 2



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Service Brake Switch Adjustment Inspection

RECALL

INSPECTION PROCEDURE

Step 4. Press and hold the lower push button switch (picture 1) until the display changes as shown in (picture 2)

Step 5. Using the bottom button scroll through the menus, until you see highlighted: "6-INSTRUMENT DIAG" (see picture 3)

PICTURE 3



***Note: The screen will return to the start up menu after a few seconds of inactivity. Should this occur, return to Step 4.**

Step 6. Press both buttons simultaneously to select the highlighted choice. This will now bring you to the following screen shown in (picture 4): "INSTRUMENT DIAGNOSTICS"

Use the bottom button to scroll through and highlight: D-I/O STATUS.

PICTURE 4



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Service Brake Switch Adjustment Inspection

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INSPECTION PROCEDURE

Step 7. Press both buttons simultaneously to enter into the I/O STATUS menu. (See picture 5). Using the bottom button, scroll through the menus until you come to “CL-24 Srvc brake”. This is shown in (picture 5).

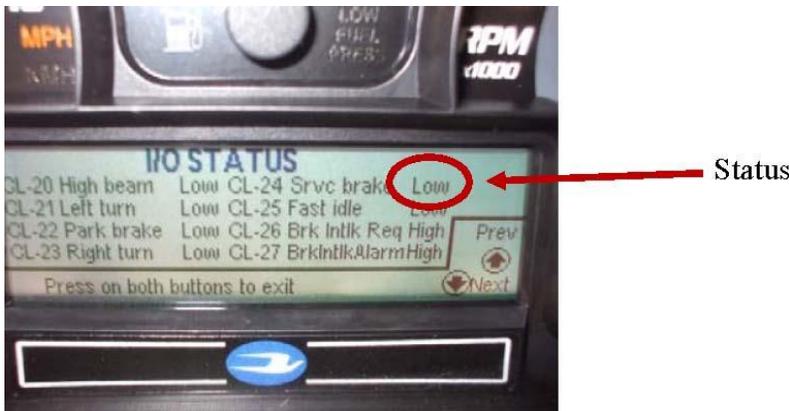
At this point note the status should be displayed as “CL-24 Srvc brake High” when the brake pedal is NOT pressed.

PICTURE 5



Step 8. Press the brake pedal down and note the status of CL-24. Within a downward pedal travel range of 0.50 inches or less the status should change to: “CL-24 Srvc brake Low”. (See picture 6)

PICTURE 6



If the display changed from High to Low, within the downward pedal travel range of 0.50 inches or less the service brake switch is adjusted correctly. Inspection procedure is complete. No adjustment required. Return bus to service.

If the display did NOT change from High to Low, within the downward pedal travel range of 0.50 inches or less the service brake switch is NOT adjusted correctly. See the following service brake switch adjustment and replacement procedure.

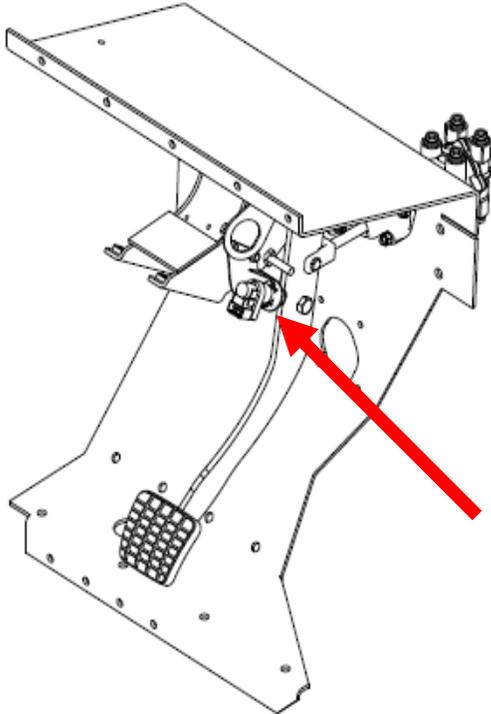


Service Brake Switch Adjustment And Replacement

RECALL

ADJUSTMENT AND REPLACEMENT PROCEDURE

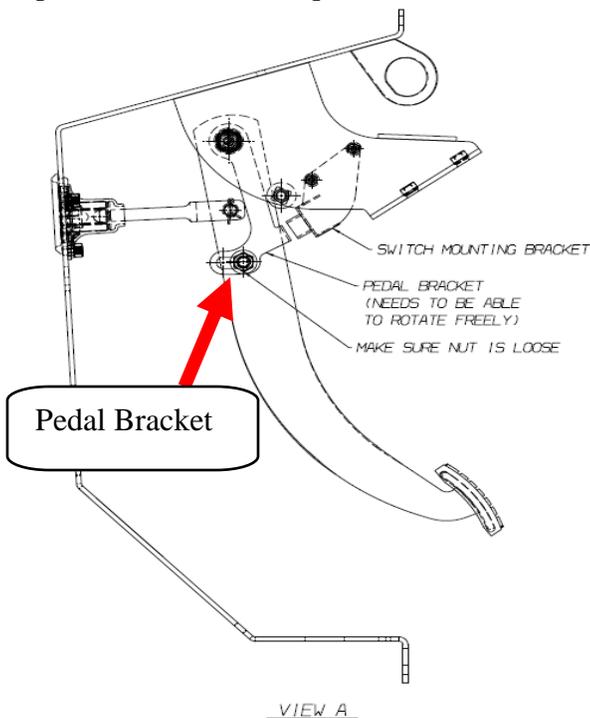
Step 1. Remove existing service brake switch. See "Switch Installed" detail for location of switch.



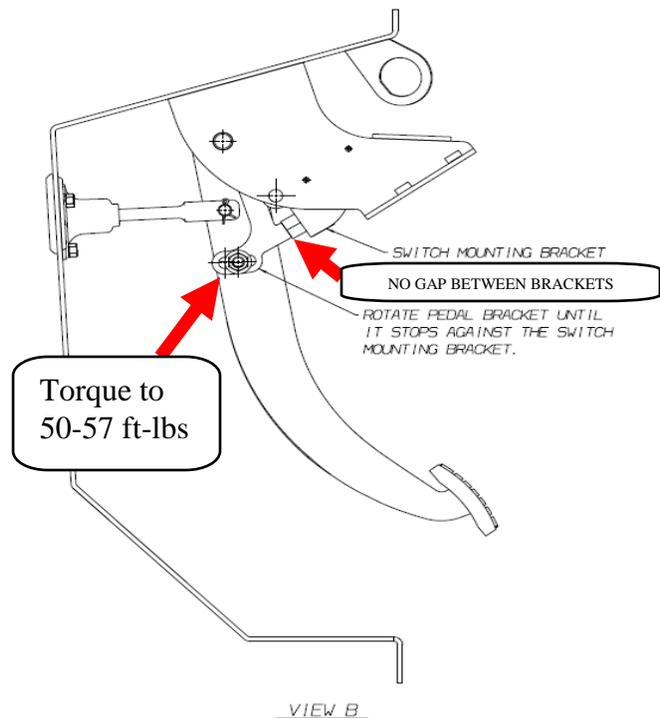
SWITCH INSTALLED

Note: New switch should **NOT** be installed until adjustment procedure is complete.

Step 2. Loosen lower nut securing pedal bracket so pedal bracket can rotate freely. See "View A".
Step 3. Rotate pedal bracket until it stops against the switch mounting bracket. Tighten bolt on pedal bracket to a torque of 50-57 ft-lbs. See "View B".



VIEW A



VIEW B

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R E C A L L C A M P A I G N



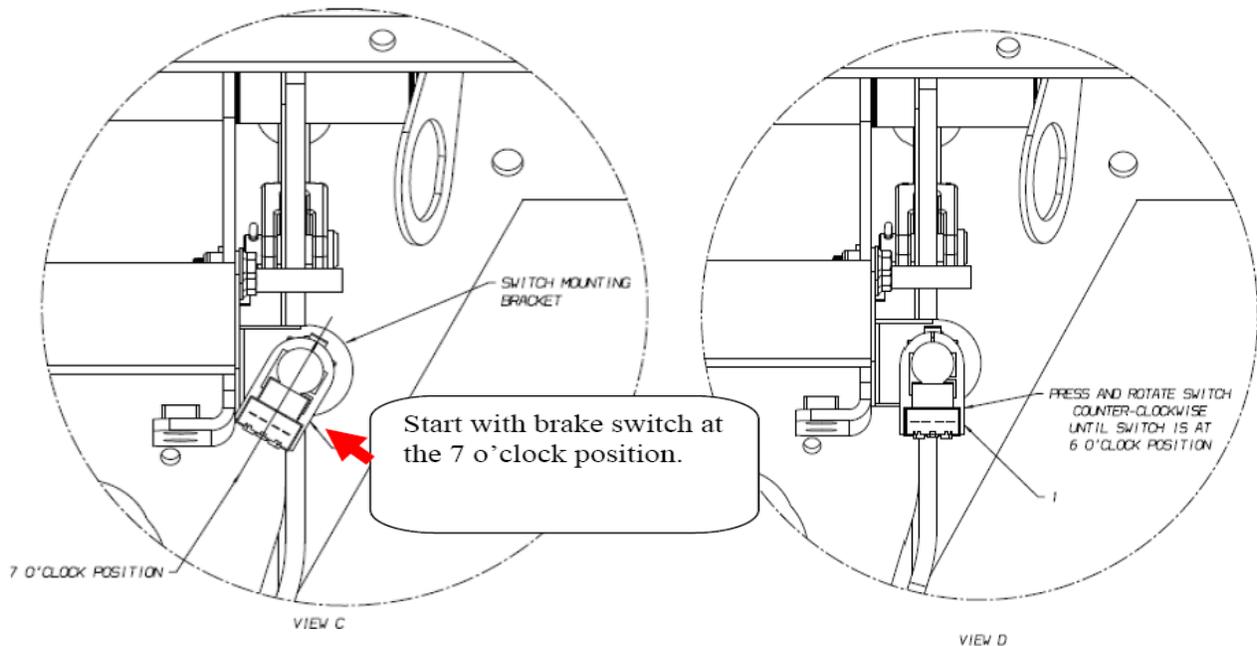
Service Brake Switch Adjustment And Replacement

RECALL

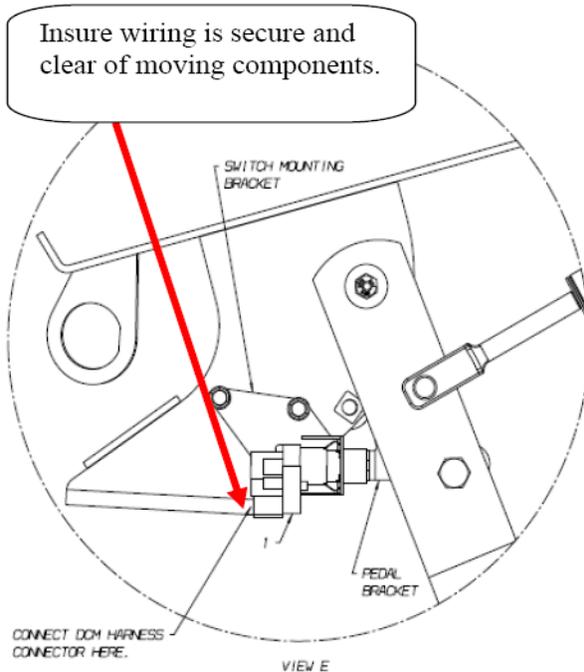
Step 4. Double check to make sure there is no gap between the two brackets. If any gap exists between the two brackets, loosen lower nut and go back to previous step until pedal bracket is adjusted properly. **CAUTION: DO NOT adjust pedal bracket such that service brakes are engaged without pressing the brake pedal.**

Step 5. Insert new service brake switch into the switch mounting bracket with the connector at the 7:00 o'clock position. See "View C".

Step 6. At the same time press and turn switch counter-clockwise until switch connector tabs lock into the mounting bracket at the 6:00 o'clock position. Switch self-adjusts during this step. See "View D".



Step 7. Reconnect DCM wiring harness connector to service brake switch. See "View E".



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Service Brake Switch Adjustment And Replacement

RECALL

- Step 8. Repeat previous inspection procedure to verify adjustment is correct.
- Step 9. If adjustment is correct, return bus to service.
- Step 10. If adjustment is **NOT** correct, return to step 1 of adjustment and replacement procedure.

PARTS

Part Number	Quantity	Description
10026469	1	SERVICE BRAKE SWITCH

TOOLS

- Description
- TORQUE WRENCH
- 3/4" SHALLOW SOCKET
- 3/4" OPEN END WRENCH

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