



August 30, 2006

Mrs. Kelly Schuler
Office of Defects Investigation Enforcement
National Highway Traffic Safety Administration
400 Seventh Street, SW
Washington, D.C. 20590

Dear Mrs. Schuler,

You will find enclosed signed copies of Blue Bird Recall R06KW Ammeter Shunt Power Cable Breaking (NHTSA 06V-261).

If you have any questions, give me a call at 478-822-2242.

Sincerely,

Bill Coleman
Corporate Recall Administrator



R06KW

DATE: AUGUST 24, 2006

TO: U.S. DISTRIBUTORS

SUBJECT: RECALL R06KW AMMETER SHUNT POWER CABLE BREAKING

This notice is sent to you in accordance with the requirements of The National Traffic and Motor Vehicle Safety Act.

Blue Bird Corporation has decided that a defect which relates to motor vehicle safety exists in certain 2004 through 2007 model year Blue Bird "Vision" school and non-school buses. Blue Bird is conducting a recall to correct this defect. Buses with the defect must be modified according to instructions provided with recall R06KW, copy enclosed.

If our records indicate affected buses were delivered in your service area, a printout identifying affected buses is enclosed. **Distributors should verify correct owners and assure that complete shipping addresses are provided for each listed vehicle.**

If you have in your possession or have sold a bus that was purchased from another distributor that may be affected by this recall, please notify me at 478-822-2242.

Labor time required to perform Recall R06KW is eighteen minutes (0.3 hrs.) per bus for installing new shunt base. Time for installing new shunt base and replacing the power cable is 24 minutes (0.4 hrs.) per bus. Warranty applications may be submitted to Blue Bird ClaimTrac (use create campaign/bulletin claim).

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

Distributors are reminded of their responsibilities under section 154 of The National Traffic and Motor Vehicle Safety Act of 1991. Dealers are required to complete modifications on units in their inventory before delivering to the final owner. Reference Blue Bird Body Company Distributor Memo No. 42-92.

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

Thank you,

Bill Coleman
Recall Administrator

BLUE BIRD CORPORATION
P.O. Box 937 • Fort Valley, Georgia 31030
Phone: (478) 825-2021



Ammeter Shunt Power Cable

MODELS AFFECTED: 2004-2007 Vision with Option 40280-02 Ammeter

RECALL

ISSUE

The power cable connecting the shunt to the fire wall terminal block may be to short. Also, the original screws which attach the plastic shunt base to the air cleaner bracket are oversize, and may back out.

CORRECTIVE ACTION

This procedure describes measuring the cable, and replacing a 16" cable with a 20" cable. Regardless of cable length, the shunt base is removed, replaced, and re-mounted with through-bolts.

PROCEDURE

1 Park the vehicle on a level surface. Apply the parking brake. Turn off the ignition and remove the key. Chock the wheels. Disconnect the negative battery cable.

2 Disconnect the power cables and remove the shunt base from its mounting:

2.1 Raise and secure the engine hood. Locate the shunt mounted on left side of air cleaner bracket.

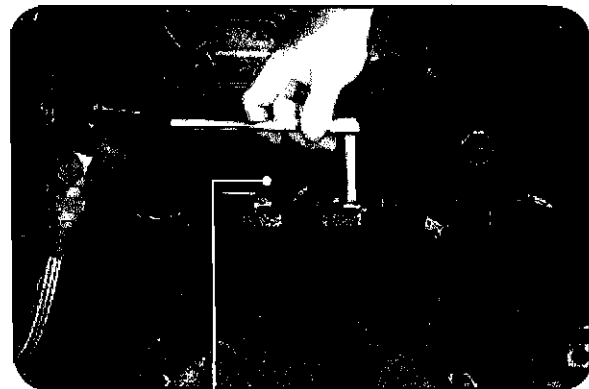


Shunt Assembly
Plastic base will be replaced and re-mounted with through-bolts.

Clearance Varies
If required, the air cleaner mounting bolts will be removed to allow room for a hand and wrench to reach back side of bracket.

Ammeter Cable
Will be replaced if shorter than 20".

2.2 Remove the cap screws which secure the large power cables to the shunt terminals.



Ammeter Cable
Will be replaced if shorter than 20".

2.3 Remove the two # 14 phillip head screws and flat washers which fasten the shunt base to the air cleaner bracket. Discard screws and washers.



R06KW

S E R V I C E R E C A L L



RECALL

3 Replace the original shunt base:

3.1 Rotate the shunt and base assembly downward to see the four screws attaching the plastic base to the metal shunt. Remove and retain these four screws and washers.



4 Shunt Base Screws
Remove in order to discard existing plastic base. Use red Loctite upon re-installation.

3.2 Remove the plastic base and discard.

3.3 Install a new plastic base (part number 0109303) with the four screws and washers removed in step 3.1. Apply red LOCITE 271 to each screw before installing.



4 The spacing between the air cleaner housing and the air cleaner mounting bracket varies. Sufficient clearance will be needed to allow tightening of the shunt mount through-bolts. If necessary, remove the screws attaching the air cleaner to the air cleaner support bracket, and tilt the air cleaner assembly away from the bracket enough to provide working space.

5 Remount the shunt and base assembly:

5.1 Slide the shunt back in place.

5.2 Slide a flat washer (0108776) onto a # 10-24 machine screw (2000768). Insert the machine screw through the new base and the original mounting hole of the air cleaner bracket. From the back side of the bracket, install a flat washer number (0108776) and # 10-24 locknut (1469287) onto the screw, finger-tight.

5.3 Repeat on the opposite end of the shunt. Then tighten the two locknuts to 10-12 in lb.



New Base
Will be through-bolted to air cleaner bracket.

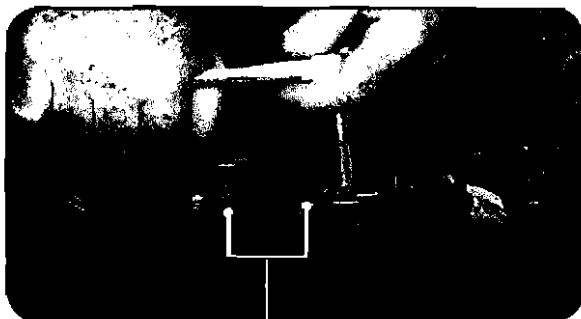


R06KW
SERVICE RECALL



5.4 Tilt the air cleaner back into its original position, reinstall its original mounting fasteners and tighten securely.

- 6** Reattach the power cables which were originally attached to the frontmost terminal of the shunt. Tighten to 90 in lb.



2 Small Signal Lead Screws
Torque: 25-30 in lb.

- 7** Measure the ammeter power cable which was originally attached to the rearmost terminal of the shunt. If this cable measures 20", proceed to step 8. If this cable measures less than 20" from eye to eye, replace it with the provided 20" cable as follows:



- 7.1 Disconnect the ammeter cable from the firewall terminal stud. Then slide the cable through the existing cable ties to remove it from the bus.



- 7.2 Slide the new cable (0081100) through the same cable ties. Attach the new cable to the stud on the firewall using the original terminal fasteners.

- 8** Attach the ammeter cable to the rearmost terminal of the shunt with the original terminal fasteners. Tighten to 90 in lb.



- 9** Check all electrical connections to the shunt to ensure that the fasteners are tight. Apply a protective coating to all electrical connections.

- 10** Close and fasten the hood. Reconnect the battery cable and remove wheel chocks. The procedure is complete, and the bus may be returned to normal service.

PART NUMBER	QUANTITY	DESCRIPTION
0109303	1	Base, , Plastic, VDO Shunt, Service
2000768	2	Screw, Machine, 10-24 X 1, Round Head, Yellow Zinc Dich.
0108776	4	Washer, Flat, WFL .203/.206 X 0.44 X 0.025 STCA
1469287	2	Locknut, Elastic, 10-24
0109341	1	Thread Lock 271, Loctite (5 ml bottle)
0081100	1	Cable Assy., Power, 3/0, 3/8-3/8 eye, 20"

R06KW

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