



BLUE BIRD

March 03, 2010

Dear Blue Bird Owner,

You will find enclosed a copy of Service Bulletin S10RH regarding the operation of the front entrance door mechanism on your 2010 model year Blue Bird All American model bus(es) identified by body number on the enclosed cover sheet.

The electric entrance door rotary actuator on the subject units does not meet the design specifications preventing the entrance door from operating as designed. In addition, an incorrect front entrance door lever assembly may have been installed.

The electric entrance door rotary actuator must be replaced with a new rotary actuator that meets designed specification and the entrance door lever assembly must be inspected and, if necessary, replaced according to the instructions provided in Service Bulletin S10RH. Copy attached.

Time allowed to replace the entrance door rotary actuator is 0.7 hours (42 minutes) per bus.

Time allow to inspect the front entrance door lever assembly is 0.1 hours (6 minutes) per bus.

Time allow to replace the front entrance door lever assembly is 0.2 hours (12 minutes) per bus.

Replacement parts must be ordered through your Blue Bird dealer. Replacement parts will be available in limited quantities on or about March 15, 2010. **The original actuator and lever assembly (if changed) must be returned to Blue Bird Warranty Administration to receive warranty reimbursement.**

You may contact your Blue Bird dealer to arrange to have Service Bulletin S10RH performed. Or, if you prefer, you may perform the inspection and /or rerouting yourself or have a qualified repair facility convenient to you perform Service Bulletin S10RH. A qualified technician should perform this procedure.

Service Bulletin S10RH 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



All American Electric Entrance Door Modification

BULLETIN

Models Affected: 2010 All American models with feature 30978-06 DOOR CONTROL, ELECTRIC ROTARY delivered prior to November 6, 2009.

ISSUE

Door control actuator did not meet engineering specs preventing the entrance door from operating per design intent.

CORRECTIVE ACTION

Remove and replace electric entrance door actuator. Verify correct installation of front entrance door lever assembly and replace as necessary. Measure the length of the linkage rod assembly and adjust as necessary.

PROCEDURE

WARNING: Always follow all Federal, State, Local and Shop safety standards and use proper safety equipment when performing these procedures.

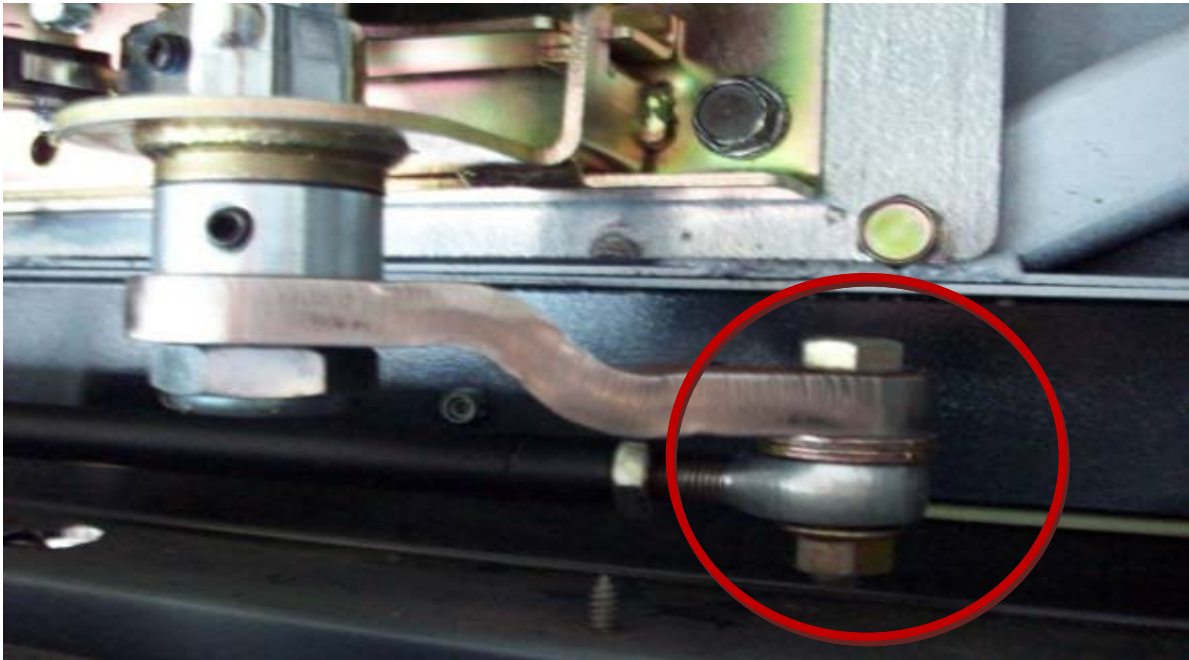
1. Read all instructions completely before proceeding with repair.
2. Park the bus on a level surface, apply parking brakes, turn off engine and remove ignition key. Chock wheels.



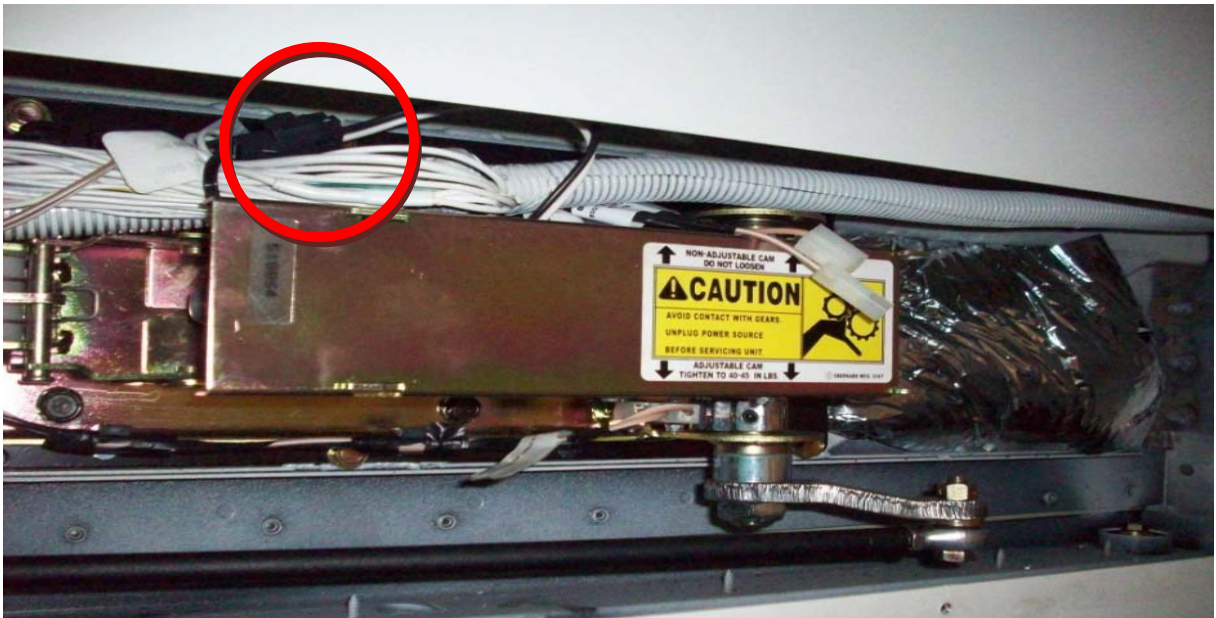
3. Remove interior access cover from entrance door header.

S I O R H

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

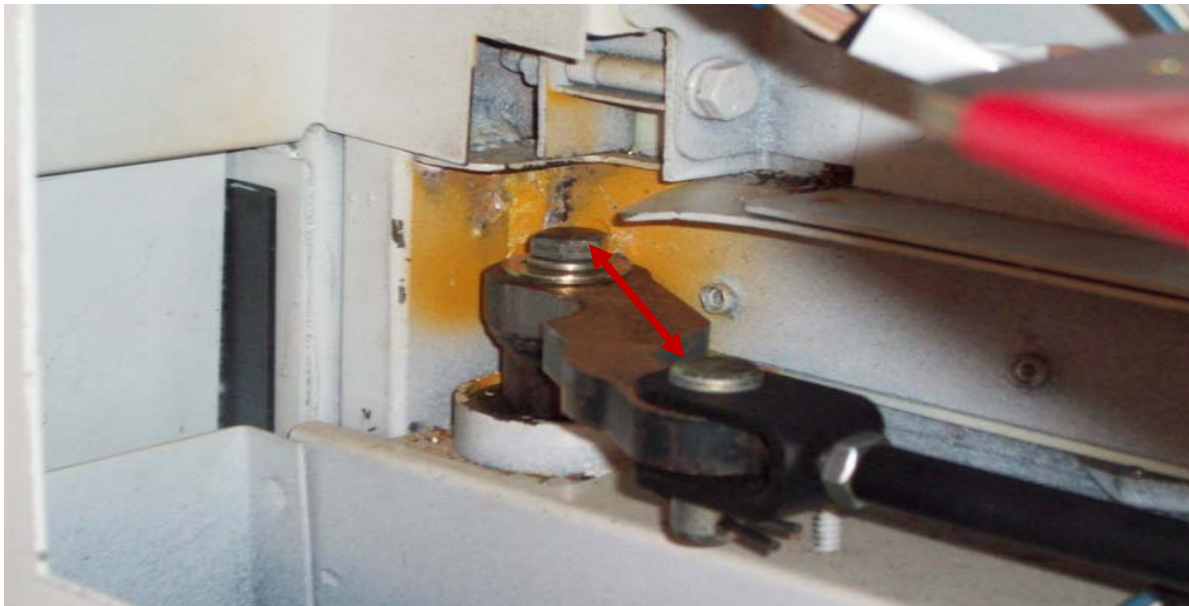


4. Loosen and remove the bolt securing the entrance door actuator lever to the linkage rod assembly.

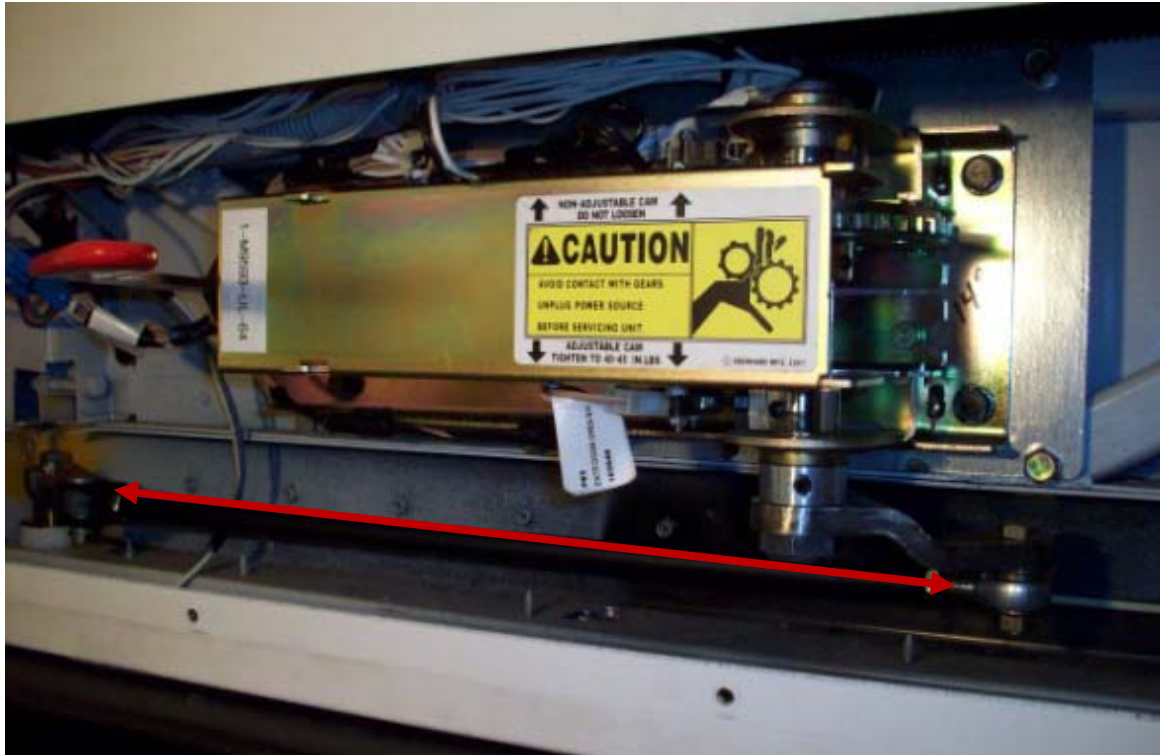


5. Disconnect entrance door motor wiring harness.

6. Loosen and remove bolts (6) that secure the entrance door actuator to the mounting plate assembly.
7. Remove and replace the entrance door actuator.
8. Reconnect the wiring harness to the entrance door motor.
9. Before reconnecting the actuator to the linkage rod assembly, power the bus and cycle the actuator to observe the motion of the actuator lever. As the door operates, the control lever should move in an arc toward the exterior of the vehicle. If the lever moves in an arc toward the interior of the vehicle, the wires (black & white) that connect to the electric motor are installed in reverse. Remove the wires and reverse their position in the connector.
10. Reconnect the entrance door actuator lever to the linkage rod assembly.



11. Measure the distance between pivot points on the front entrance door lever assembly. Correct dimension is 4" center to center.
12. Remove and replace the front entrance door lever assembly if the dimension between pivot points is not correct.



13. Cycle the door several times and check for proper adjustment. The linkage rod assembly should measure approximately 19” from center of the front entrance door lever pivot point to center of door actuator lever pivot point.

14. Return bus to service.

PARTS LIST

<u>Part Number</u>	<u>Description</u>	<u>Qty</u>
10001408	KIT,ACTUATOR,ELECTRIC,ENTRANCE DOOR,D3	1
10014722	LEVER ASSY,FRONT,ENTRANCE DOOR D3	1