



# Battery Cable Routing at Battery Compartment

RECALL

**Models Affected: 2010 All American (D3) Rear Engine Buses Equipped  
With Feature 00156-09 Heavy Duty Battery Compartment**

## ISSUE

Positive battery cable may be pinched between bottom of battery compartment & muffler mounting bracket. Also, the front muffler exhaust bracket could be mounted in an incorrect location making it too close to bottom of battery compartment.

## CORRECTIVE ACTION

Inspect battery cable routing at battery compartment and, if pinched or damaged, replace battery cable according to the instructions below. Also, if the front muffler exhaust bracket is mounted in the incorrect location, unbolt and relocate as required.

## PROCEDURE

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

1. Park the bus on a level surface, apply parking brakes, turn off engine and remove ignition key.
2. Chock wheels.
3. If unit has air suspension, place jack stands under frame rails for inspection and/or correction to prevent frame from lowering should air bags deflate.
4. Disconnect Batteries - Note when disconnecting the batteries, remove the Negative cable first.
5. Inspect battery cables. If the battery cables are routed & secured behind battery compartment per photo below, no further action is required.



R I O R K

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



- 6. If any battery cables are pinched between the muffler mounting bracket and the front bottom side of the heavy duty battery compartment (See photos below) remove the clamps and zip strips securing cable, remove cable from between battery box and the muffler mounting bracket, remove loom and inspect cable for damage to insulation.



- 7. If cable is damaged, disconnect other end reference attached diagram D0003543), remove from chassis and replace w/new cable assembly.
- 8. If cable is pinched but not visibly damaged, then reroute cable to rear of heavy duty battery compartment and re-clamp/secure to hold in place per photo on page 1. Reference diagram D0003543 for cable routing.

**Note: Cables must be routed/clamped to prevent contact with exhaust muffler. A minimum of 3 inches must be maintained between cables and exhaust muffler.**

**Parts: (If Needed)**

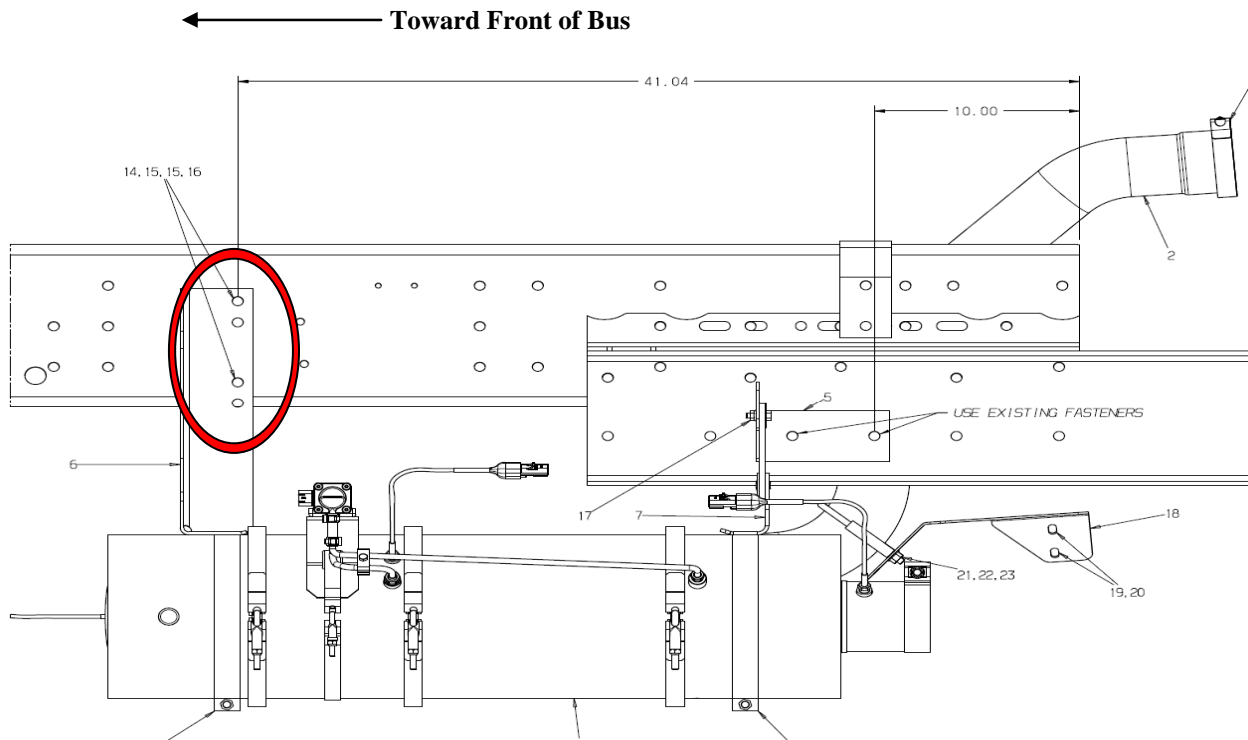
Part Number	Description	Quantity
10008491	Cable Assy, Bat, Dual, POS, 4/0, 4 gauge, D3RE	1
10008492	Cable Assy, Bat, Dual, NEG, 4/0, 4 gauge, D3RE	1

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



9. If exhaust muffler is contacting the battery compartment, relocate muffler exhaust bracket per diagram below for buses equipped with **Cummins ISB engines**.

Use **upper holes** in the bracket to mount to the **lower frame holes** at 41.04" from the end of frame. *Do not use the frame holes located at 40" from the end of frame.*



**Parts required to relocate exhaust bracket:**

Part Number	Description	Quantity
00850800	Nut, Hex Hd, 1/2-13, Gr 8, Cad Wax	2

10. After inspection and/or correction of cables and exhaust bracket mounting are complete, remove jack stands.

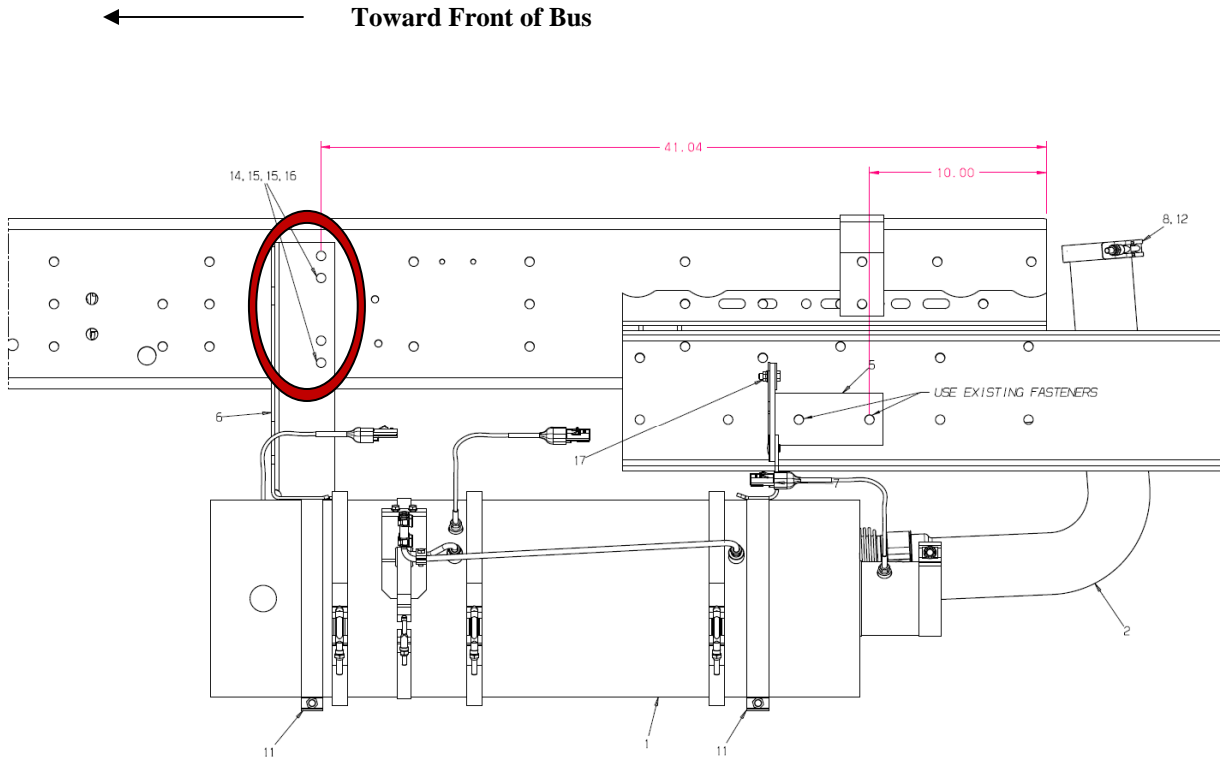
11. Reconnect batteries and return to service.

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



- 12. If exhaust muffler is contacting the battery compartment, relocate muffler exhaust bracket per diagram below for buses equipped with **Cummins ISC engines**.

Use **lower holes** in the bracket to mount to the **lower frame holes** at 41.04" from the end of frame. *Do not use the frame holes located at 40" from the end of frame.*



**Parts required to relocate exhaust bracket:**

Part Number	Description	Quantity
00850800	Nut, Hex Hd, 1/2-13, Gr 8, Cad Wax	2

- 13. After inspection and/or correction of cables and exhaust bracket mounting are complete, remove jack stands.
- 14. Reconnect batteries and return to service.

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