

**Q-231**



## **SVE BULLETIN**

**SPECIAL VEHICLE ENGINEERING – BODY BUILDERS ADVISORY SERVICE**

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QVM Bulletin: Q-231

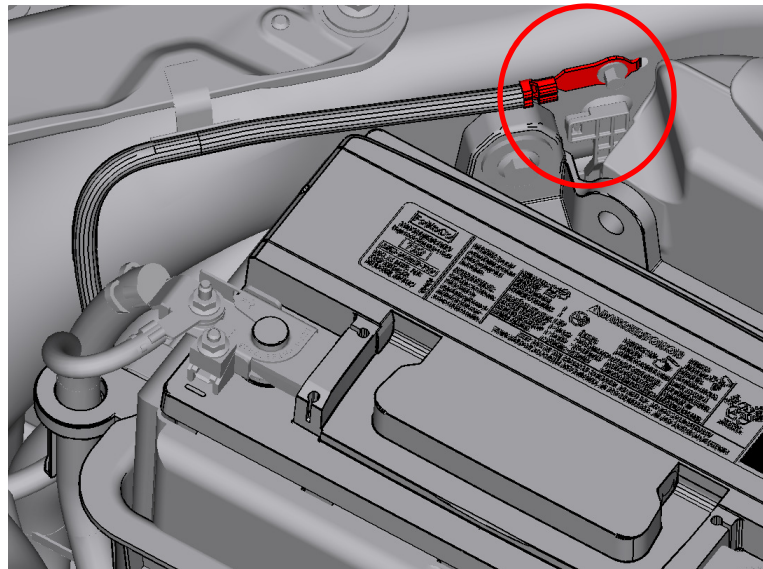
Date: 16 April, 2015

### **F-150 Aftermarket Direct to Battery Connections**

**Models Affected:** All 2015MY and later F-150 vehicles

**Description:** The 2015MY F-150 battery charge state is determined with a Hall Effect sensor on the negative battery lead. All negative current must pass through this sensor. Failure to do so will result in malfunction of the vehicle charging system and shortened battery life. **Do not make direct to battery connections at the negative battery post.**

**Procedure:** To ensure proper charging system function, the battery return should be made at the grounding point shown and circled in red in the picture below:



**Addition grounding point specifications:**

Eyelet ID: 7mm  
Bolt: M6  
Torque: 9 +/- 1.4 Nm

For further electrical guidelines refer to the Body Builder Layout Book, and SVE Bulletin Q-130.

If you have any questions, please contact the Ford Truck Body Builders Advisory Service as shown in the header of this bulletin.