



## **SVE BULLETIN**

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

E-Mail via Website: [www.fleet.ford.com/truckbbas](http://www.fleet.ford.com/truckbbas) (click "Contact Us")

Toll-free: (877) 840-4338

QVM Bulletin: Q-263

Date: 21 February 2017

## **Super Duty Trailer Tow Circuits**

**Models Affected:** 2017 Super Duty Pickups, pickup Box Delete and Chassis Cab Vehicles

**Purpose:** To describe trailer tow circuit capability and function on the 2017 and later F-Super duty.

### **Vehicles equipped with factory trailer brake controller:**

All 2017 F-Super Duty vehicles equipped with a factory trailer brake controller (TBC) utilize a trailer module (TRM) which initiates the trailer charging system. For trailer charging to operate, the TRM must detect a trailer is connected and a brake pedal input before charging will be present at the trailer connector. Adding the trailer battery charge relay and fuse into the battery junction box are not required to operate trailer charging with a TRM.

Upfitters installing additional Body Lighting:

2017 MY Ford Super Duty vehicles equipped with the factory trailer brake controller and TRM have a trailer tow messaging feature that displays information about the trailer to the driver. All vehicles have this feature enabled in the cluster. Using the trailer tow customer access circuits for second unit body or other lighting will cause a "trailer attached" and other trailer messages in the cluster.

### **Vehicles not equipped with factory trailer brake controller:**

Vehicles not equipped with the factory trailer brake controller (option code 52B) will have trailer lighting circuits controlled by relays.

**The Trailer Battery Charge Circuit will not be functional on these vehicles.**

A service kit HC3Z-19H332-AA, is available for upfitters wishing to install the factory trailer brake controller on a vehicle that was not equipped with one from factory. The vehicle must be equipped with either Trailer Tow Package (option code 531) or Max Trailer Tow Package (option code 535) for the kit to be functional.

Upfitters installing additional Body Lighting:

The trailer relays are controlled through BCM outputs. The trailer circuits have the following fuse ratings:

Reverse Lamps 10A

Stop / turn signals 30A (combined left and right)

Trailer Battery Charge – 30A (only available with trailer brake controller service kit installed).