



GROUP  
**Electrical**

MODEL  
**2014-2015MY  
Optima (QF)**

NUMBER  
**PS464 (Rev 1, 5/1/2017)**

DATE  
**September 2016**



# TECHNICAL OPERATIONS

**SUBJECT: NO COMMUNICATION WITH BLIND SPOT DETECTION AFTER COLLISION REPAIRS**

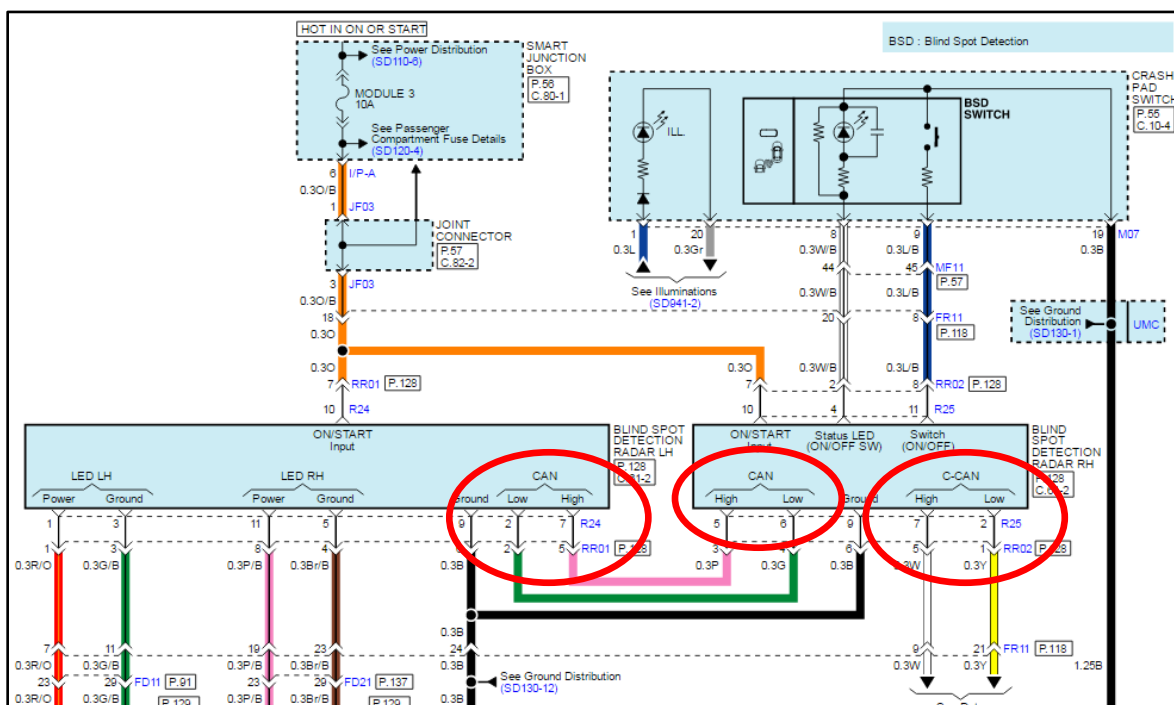
## \* NOTICE

This Pitstop has been revised to include additional information. New/revised sections of this bulletin are indicated by a black bar in the margin area.

This Pitstop provides information relating to 2014-2015MY Optima (QF) vehicles with Blind Spot Detection (BSD), which may exhibit a “Check BSD System” message and no communication with the BSD system after collision repairs. This concern is commonly caused by the rear bumper harness installed backwards.

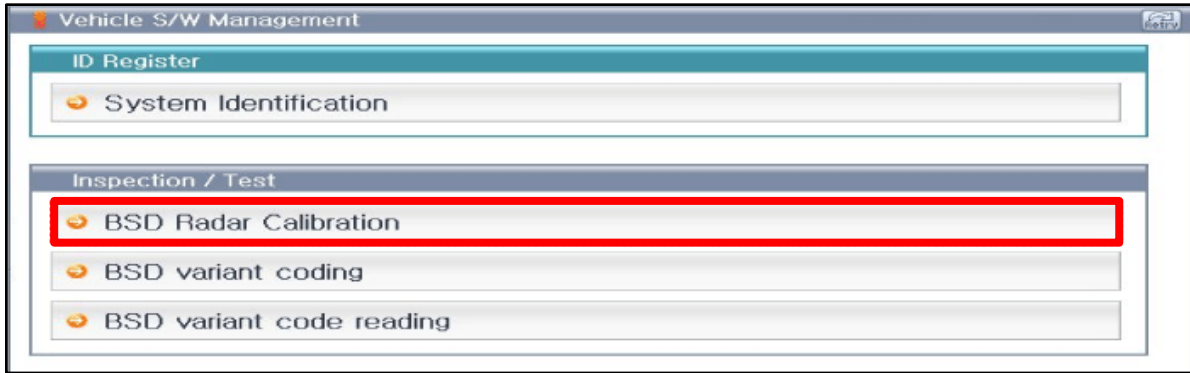
The master BSD module, located at the right side of the rear bumper, is the only BSD module that communicates on the C-CAN. The slave module (left side of bumper) communicates to the master module via local network CAN. The master (RR02) and slave (RR01) module connectors are physically identical and may be mistakenly swapped.

To confirm correct installation of the harness, verify that the yellow and white wires of the master (RR02) module connector are at pins 1 (yellow) and 5 (white). See diagram below.

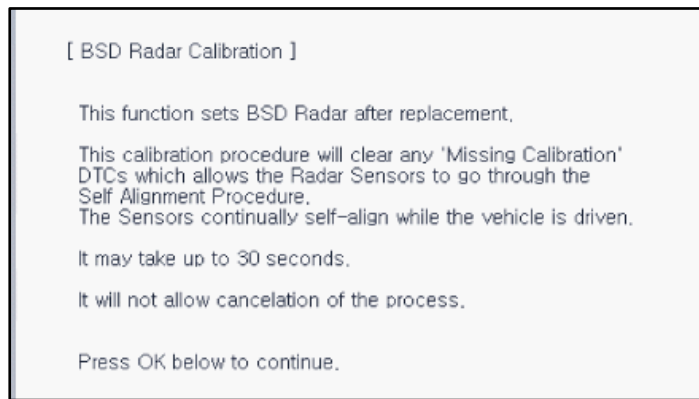


It is important to note that the BSD system calibration must be performed after any rear collision repairs. Failure to do so can result in improper BSD system operation.

1. Using a KDS/GDS, select “BSD Radar Calibration” in the BSD System



2. Perform the “BSD Radar Calibration” procedure according to the KDS screen.



3. Once the procedure is complete, test drive the vehicle at speeds above 20mph to verify proper operation of the BSD system.