

## DTC B366D

### Diagnostic Instructions

- Perform the [Diagnostic System Check - Vehicle](#) prior to using this diagnostic procedure.
- Review [Strategy Based Diagnosis](#) for an overview of the diagnostic approach.
- [Diagnostic Procedure Instructions](#) provides an overview of each diagnostic category.

### DTC Descriptors

**DTC B366D 58:** Deck Lid Latched Right Front Sensor Circuit incorrect reaction after event

**DTC B366D 59:** Deck Lid Latched Right Front Sensor Circuit circuit/component protection time out

### Circuit/System Description

S10 is part of the Rear Compartment Lid Release Switch - Front Hinge - Right assembly. The folding top control (FTC) module uses S10 to determine if the right front corner of the rear deck lid is latched. S10 is closed and pulls the signal circuit low when the right front corner of the rear deck lid is latched.

### Conditions for Running the DTC

The FTC module is operational.

### Conditions for Setting the DTC

An open or short to ground is detected on the signal circuit of S10.

### Action Taken When the DTC Sets

The top is disabled.

### Conditions for Clearing the DTC

The fault is no longer present and the top completes one cycle.

### Diagnostic Aids

- A short to B+ may damage S10.
- A weak battery may cause DTC B366D 59 to set.
- An open or high resistance on the low reference circuit may cause a DTC B366E 59 to also set.

## **Reference Information**

### **Schematic Reference**

[Folding Top Schematics](#)

### **Description and Operation**

[Power Folding Top Description and Operation](#)

### **Electrical Information Reference**

- [Circuit Testing](#)
- [Connector Repairs](#)
- [Testing for Intermittent Conditions and Poor Connections](#)
- [Wiring Repairs](#)

### **Scan Tool Reference**

- [Scan Tool Data List](#)
- [Scan Tool Data Definitions](#)
- [Scan Tool Output Controls](#)

## **Circuit/System Testing**

1. Disconnect S10.
2. Use a scan tool to monitor RF RCL Latched Switch.
3. The scan tool should indicate Inactive.  
If scan tool does not indicate Inactive, test the signal circuit of S10 for a short to ground.  
If circuit OK, replace FTC Module.
4. Connect a fused jumper wire between the signal circuit of S10 and ground.
5. Use a scan tool to monitor RF RCL Latched Switch.
6. The scan tool should indicate Active.  
If scan tool does not indicate Active, test the signal circuit of S10 for an open or high resistance.  
If circuit OK, replace FTC Module.
7. Test the signal circuit of S10 for a short to voltage. If circuit tests OK, replace S10.

## **Repair Instructions**

Perform the [Diagnostic Repair Verification](#) after completing the diagnostic procedure.

[Folding Top Control Module Replacement](#)