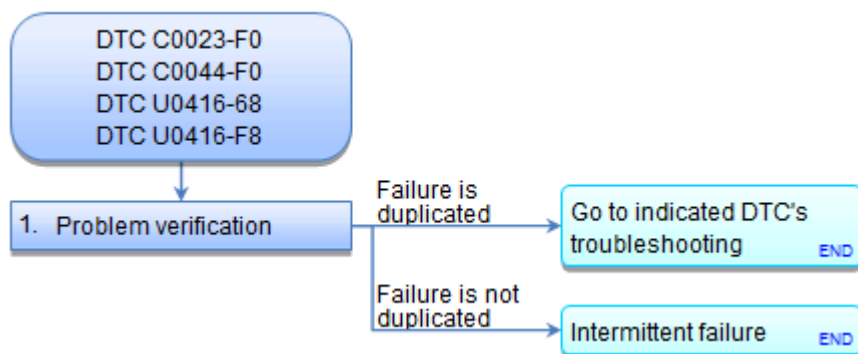


DTC Troubleshooting: C0023-F0, C0044-F0, U0416-68, U0416-F8**DTC C0023-F0:** Brake Light Drive Relay Circuit Malfunction**DTC C0044-F0:** Master Cylinder Pressure Sensor Failure**DTC U0416-68:** Brake Actuator Malfunction**DTC U0416-F8:** VSA Modulator-Control Unit Malfunction

NOTE:

- Before you troubleshoot, [review the general troubleshooting information](#).
- These DTCs are recorded when the millimeter wave radar receives failure information from the VSA modulator-control unit via the F-CAN.
- If a DTC is recorded again after it is cleared with the HDS, perform a troubleshooting for the VSA system.
- The functions of the integrated driver support system that will be temporarily canceled when this DTC is recorded can be confirmed with the [DTC troubleshooting index](#).

DTC Description	DTC
C0023-F0 Brake Light Drive Relay Circuit Malfunction	
C0044-F0 Master Cylinder Pressure Sensor Failure	
U0416-68 Brake Actuator Malfunction	
U0416-F8 VSA Modulator-Control Unit Malfunction	

DTC (IDAS)

1. Problem verification:

-1. Turn the vehicle to the ON mode.

-2. Clear the DTC with the HDS.

Clear DTCs

-3. Turn the vehicle to the OFF (LOCK) mode.

-4. Turn the vehicle to the ON mode, then wait for at least 6 seconds.

-5. Check for DTCs with the HDS.

DTC Description	DTC
C0023-F0 Brake Light Drive Relay Circuit Malfunction	
C0044-F0 Master Cylinder Pressure Sensor Failure	
U0416-68 Brake Actuator Malfunction	

DTC Description	DTC
U0416-F8 VSA Modulator-Control Unit Malfunction	

Is DTC C0023-F0, C0044-F0, U0416-68, or U0416-F8 indicated?

YES The failure is duplicated. [Go to the indicated DTC's troubleshooting in the VSA system.](#)■

NO Intermittent failure, the system is OK at this time. [Refer to intermittent failures troubleshooting.](#)■