



**NUMBER:** 08-011-22

**GROUP:** 08 - Electrical

**DATE:** January 15, 2022

*This bulletin is supplied as technical information only and is not an authorization for repair. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, or otherwise, without written permission of FCA US LLC.*

**SUBJECT:**

Flash: Blind Spot Monitor (BSM) System Updates

**OVERVIEW:**

This bulletin involves updating the Left and Right Blind Spot Sensor (LBSS/RBSS) latest available software.

**MODELS:**

2021 (LD) Dodge Charger

**NOTE:** This bulletin applies to vehicles within the following markets/countries: North America.

**NOTE:** This bulletin applies to vehicles equipped with Blind Spot and Cross Path Detection (Sales Code XAN).

**SYMPTOM/CONDITION:**

The customer may experience the following:

- Owner complains that at times the cluster displays a message “Blind Spot Temporarily Unavailable Wipe Rear Corner”.

**DIAGNOSIS:**

Using a Scan Tool (wiTECH 2) with the appropriate Diagnostic Procedures available in DealerCONNECT/Service Library, verify all related systems are functioning as designed. If Diagnostic Trouble Codes (DTCs) or symptom conditions, other than the ones listed above are present, record the issues on the repair order and repair as necessary before proceeding further with this bulletin.

Currently the system may respond to detected blockage if the vehicle is operated in areas with extremely low radar returns such as a desert, parallel to a large elevation drop or a mowed/harvested field. If the blockage detected message appears in this circumstance, a “Blind Spot Temporarily Unavailable Wipe Rear Corner” message will display in the cluster and BOTH mirror lights will illuminate. While the blockage conditions persists, Blind Spot Monitoring (BSM) and Rear Cross Path (RCP) alerts will not occur. The blocked condition is indicated by the continued illumination of both indicator LEDs and will automatically recover. If blockage was caused by the environment only, the system will recover as soon as the vehicle reaches a denser environment. If this is the case, the system is functioning normally and will not miss any Blind Spot Detection (BSD) or RCP alerts.

- Technician or service advisor must confirm with the owner that the area at the time of the occurrence was when traveling in very open area like a desert, large elevation drops, or mowed/harvested field.

**NOTE:** It is important to not mistake this complaint with other possible blind spot related concerns.

**NOTE: If any Left Blind Spot Sensor (LBSS) and Right Blind Spot Sensor (RBSS) or Driver Door Module (DDM) and Passenger Door Module (PDM), DTCs are set then this bulletin does not apply. Normal diagnosis should be performed.**

If the customer describes the symptom/condition listed above, perform the Repair Procedure.

***REPAIR PROCEDURE:***

**NOTE: Install a battery charger to ensure battery voltage does not drop below 13.2 volts. Do not allow the charging voltage to climb above 13.5 volts during the flash process.**

**NOTE: If this flash process is interrupted/aborted, the flash should be restarted.**

Make sure no other obvious issues are present like rear fascia damage, loose fascia conditions, repair areas with excessive paint, or stickers applied over the sensors. If none of the above conditions exist, updating the blind spot sensors will address blockage that occurs in areas of low radar returns.

**NOTE: If the message “Blind Spot Temporarily Unavailable” Is occurring at ignition on without the additional text of “Wipe Rear Corners”, this is not blockage. DTCs should be checked and appropriate diagnostic tests followed to address them. This Bulletin does not apply. Normal diagnosis should be performed.**

**NOTE: The system is indicating blockage only when “Blind Spot System Unavailable Wipe Rear Corners” displays in the cluster and BOTH mirror LEDs are continuously lit. If the customer is reporting one or both mirror LEDs lighting erroneously without the associated pop up, this is not blockage and it will not be addressed by performing this software update. This Bulletin does not apply. Normal diagnosis should be performed.**

1. Reprogram the LBSS and RBSS with the latest software. Detailed instructions for flashing control modules using the wiTECH 2 Diagnostic Application are available by selecting the application’s “HELP” tab.
2. Clear any DTCs that may have been set in other modules due to reprogramming. The wiTECH 2 application will automatically present all DTCs after the flash and allow them to be cleared.

***POLICY:***

Reimbursable within the provisions of the warranty.

***TIME ALLOWANCE:***

<b>Labor Operation No:</b>	<b>Description</b>	<b>Skill Category</b>	<b>Amount</b>
18-19-43-9B	Module, Blind Spot (LBSS, RBSS) - Reprogram (0 - Introduction)	6 - Electrical and Body Systems	0.3 Hrs.

**NOTE: The expected completion time for the flash download portion of this procedure is approximately 8 minutes. Actual flash download times may be affected by vehicle connection and network capabilities.**

***FAILURE CODE:***

**The dealer must use failure code CC with this Technical Service Bulletin.**

- If the customer's concern matches the SYMPTOM/CONDITION identified in the Technical Service Bulletin, failure code CC is to be used.
- When utilizing this failure code, the 3C's (customer's concern, cause and correction) must be provided for processing Technical Service Bulletin flash/reprogramming conditions.

CC	Customer Concern
----	------------------