



TECHNICAL SERVICE BULLETIN

"Sta-Bar Disconnect Service Required" Message In The IPC With DTCs C103A, C1A99, C1B03, C1B07, C1B14 And/Or B1A67

25-2575

26 November
2025

This bulletin supersedes 24-2104. Reason for update: update the vehicles affected.

Model:

Ford
2021-2025 Bronco

Markets: North American markets only

Issue: Some vehicles listed in the Model statement above may exhibit a "Sta-bar Disconnect Service Required" message in the IPC and an illuminated warning light with any of the following DTCs stored in the CHCM: C103A, C1A99, C1B03, C1B07, C1B14 and/or B1A67. This may be due to water intrusion in the stabilizer bar wiring harness connector.

Action: For vehicles that meet the criteria in the Model and Issue statements above, follow the Service Procedure to inspect and replace the stabilizer bar disconnect and wire harness and reprogram the CHCM.

Parts

Service Part Number	Claim Quantity	Package Order Quantity	Number in Package	Description
MB3Z-5482-X	1	1	1	Front Stabilizer Bar Disconnect
NB3Z-5482-B	1	1	1	3.0L Front Stabilizer Bar Disconnect
W720940-S440	2	1	4	Front Stabilizer Bar Nut
W520214-S440	2	1	2	Stabilizer Bar Mounting Nut
W721449-S439	2	1	4	Stabilizer Bar Mounting Bolt
W721041-S439	2	1	4	Stabilizer Bar Mounting Stud
MB3Z-2B325-EM	1	1	1	Wire Harness - Stabilizer Bar Disconnect
MB3Z-2B325-B	1	1	1	3.0L Wire Harness - Stabilizer Bar Disconnect
MB3Z-2B325-EL	1	1	1	Wire Harness - Body
W717376-S439B	4	1	4	Skid Plate Bolts

Parts - Parts To Inspect And Replace Only If Necessary

Service Part Number	Claim Quantity	Package Order Quantity	Number in Package	Description
XG-12	Only If Necessary (1 possible)	Only If Necessary	1	Motorcraft® Electrical Grease
KU2Z- 14S411-AAA	Only If Necessary (1 Possible)	Only If Necessary	1	CHCM - Service Pigtail Connector
MB3Z-14D663-A	Only If Necessary (1 Possible)	Only If Necessary	1	Chassis Control Module

Service part numbers and "number in package" quantity may change after publication, thus also affecting the "package order quantity". Refer to the parts catalog for the latest information.

Claim Quantity refers to the total number of individual pieces required to repair the vehicle.

Package Order Quantity refers to the amount of the service part number package(s) required to repair the vehicle.

Number In Package refers to the number of individual pieces included in a service part number package, also known as unit of issue (UOI).

As Needed indicates the part is necessary but amount of the part may vary and/or is not a whole number. Parts can be billed out as non-whole numbers, including less than 1.

Only If Necessary indicates the part is not mandatory. Refer to the Service Procedure to determine the inspection/inclusion criteria.

Warranty Status: Warranty coverage limits and policies are not altered by a TSB. Warranty coverage limits are determined by the identified causal part.

Labor Times

Description	Operation No.	Time
2021-2025 Bronco: Retrieve DTCs, Inspect And Apply Electrical Grease Following The Service Procedure, Includes Time To Reprogram The CHCM (Can Be Claimed With Operation B, C, And D)	252575A	1.1 Hrs.
Additional Time To Replace The Stabilizer Disconnect Harness And Front Stabilizer Bar Disconnect (Can Be Claimed With Operation A, C And D)	252575B	1.1 Hrs.
Additional Time To Replace The Stabilizer Disconnect Harness And Body Harness (Can Be Claimed With Operation A, B And D)	252575C	0.8 Hrs.
Additional Time To Replace The Connector With A Service Pigtail and Replace the CHCM (Can Be Claimed With Operation A, B, And C)	252575D	1.8 Hrs.

Repair/Claim Coding

Causal Part:	2B325
Condition Code:	X2

Service Procedure

- Is water or corrosion present in any of the following connectors: C1295A, C1295B, C1294A, and/or C1294B?
 - Yes - replace the front stabilizer bar disconnect harness and the front stabilizer bar disconnect. Refer to WSM, Section 204-01. Apply electrical grease or equivalent into all 4 connectors. Proceed to Step 2.
 - No - apply electrical grease or equivalent into all 4 connectors. Proceed to Step 2.
- Is water or corrosion present in either side of the connector C1415?
 - Yes - replace the front stabilizer bar disconnect harness and body harness. Apply electrical grease or equivalent into the connector C1415. Proceed to Step 3.
 - No - apply electrical grease or equivalent into the connector C1415. Proceed to Step 3.
- Is water or corrosion present in the connector C445?
 - Yes - replace the connector C445 with a service pigtail kit and the CHCM. Refer to WSM, Section 204-01. Apply electrical grease or equivalent into the connector C445. Proceed to Step 4.
 - No - apply electrical grease or equivalent into the connector C445. Proceed to Step 4.
- Reprogram the CHCM using the latest software version of the FDRS scan tool.