SAFETY RECALL
INTERNATIONAL
SCCM Internal Failure

Reference: 33B

FCA US LLC

RAM Remedy available for

2023-2024 RAM (DT) 1500 Pickup

Template Version 1.8

Revision	Edition	Detail
0	July 2024	Initial Version.

SYMPTOM DESCRIPTION

About 890 of the above vehicles may have been built have been built with a steering column control module (SCCM) with an insufficient weld between an internal flexible flat cable (FFC) and busbar. The SCCM may not allow a deployment signal from the Occupant Restraint Controller to reach the driver airbag module, preventing airbag deployment. An airbag that does not deploy when intended may result in increased risk of injury to the driver in a crash.

The condition described above does not comply with Federal Motor Vehicle Safety Standard (FMVSS) No. 571.208 which requires driver's airbag deployment during certain crash events. The SCCM in the suspect vehicles may not allow a deployment signal from the Occupant Restraint Controller to reach the driver airbag module, preventing airbag deployment during these events.

SCOPE

This recall applies only to the above vehicles.

NOTE: Some vehicles above may have been identified as not involved in this recall and therefore have been excluded from this recall.

IMPORTANT: Some of the involved vehicles may be in dealer new vehicle inventory. Dealers should complete this recall service on these vehicles before retail delivery. Dealers should also perform this repair on vehicles in used vehicle inventory and those vehicles in for service. Involved vehicles can be determined by using the VIP inquiry process.

REPAIR TO BE PERFORMED

Use wiTech to perform SCCM Serial Number Validation. If the SCCM fails the validation, replace the SCCM. If it passes the validation, return the vehicle to the customer.

COMPLETION REPORTING / REIMBURSEMENT

Claims paid will be used by FCA US LLC to record recall service completions and provide dealer payments.

Use the following labor operation numbers and time allowances:

Labor Description	Number	Hrs
Inspect Steering Column Control Module SCCM	08-33-B1-81	0.2
Inspect and Replace Steering Column Control Module SCCM	08-33-B1-82	0.6

NOTE: See the FCA International Warranty Policy and Procedure Manual, Claim Entry Section – Recall Claims for claim processing instructions.

PARTS INFORMATION

Part No.	Qty.	Part Name
CSBR33B1AA	1	MULTIFUNCTION (SWITCH) with NHS
CSBR33B2AA	1	MULTIFUNCTION (SWITCH) without NHS
CSBR33B3AA	1	HEX LOCK (M16X1.50)

PARTS RETURN

No parts return required for this campaign.

Render the recalled parts unusable and discard.

Strictly respect STELLANTIS Group safety, cleanliness, and environmental instructions for any vehicle service.
Document exclusively reserved for dealer information. Internal distribution to be ensured by dealer.
Reproduction forbidden without the written agreement of STELLANTIS Group. (C) 2023 STELLANTIS Group. All Rights Reserved (djt)

SPECIAL TOOLS

Number	Description
NPN	wiTECH MicroPod II / MDP
NPN	Laptop Computer
NPN	wiTECH Software
C-4755	Trim Stick
2050200100	Remover, Driver Air Bag

OWNER NOTIFICATION / SERVICE SCHEDULING

All involved vehicle owners should be notified of the service requirement by their Dealer. Owners are requested to schedule appointments for this service. A sample copy of the owner notification letter is attached.

VEHICLE LISTS, GLOBAL RECALL SYSTEM, VIP AND DEALER FOLLOW UP

All involved vehicles have been entered into the Global Recall System (GRS) and Vehicle Information Plus (VIP) for Dealer inquiry as needed.

GRS provides involved Dealers with an updated VIN list of their incomplete vehicles. Completed vehicles are removed from GRS within several days of repair claim submission.

Dealers must perform this repair on all unsold vehicles before retail delivery. Dealers should also use the VIN list to follow up with all owners to schedule appointments for this repair

Strictly respect STELLANTIS Group safety, cleanliness, and environmental instructions for any vehicle service.
Document exclusively reserved for dealer information. Internal distribution to be ensured by dealer.
Reproduction forbidden without the written agreement of STELLANTIS Group. (C) 2023 STELLANTIS Group. All Rights Reserved (djt)

SERVICE PROCEDURE

A. wiTECH Diagnostic Testing

NOTE: The wiTECH scan tool must be used to perform this recall. The wiTECH software is required to be at the latest release level before performing this procedure.

1. Connect the wiTECH MDP to the vehicle data link connector.
2. Place the ignition in the **"RUN"** position.
3. Open the wiTECH 2.0 website.
4. Enter your **"User id"** and **"Password"** and your **"Dealer Code"**, then select **"Sign In"** at the bottom of the screen. Click **"Accept"**.
5. From the **"Vehicle Selection"** screen, select the vehicle to be updated.
6. Select **"SCCM"** from the topology screen.
7. Go to the **"Misc. Functions"** tab.
8. Select **"SCCM Serial Number Validation"**.
9. One of these results will be displayed:

    - **"Serial Number Confirmed OK. No replacement needed."** Clear any set codes and return the vehicles to the owner.
    - **"This SCCM is faulty and needs replacement. Refer to recall instructions."** Complete the SCCM replacement steps below.

Strictly respect STELLANTIS Group safety, cleanliness, and environmental instructions for any vehicle service.
Document exclusively reserved for dealer information. Internal distribution to be ensured by dealer.
Reproduction forbidden without the written agreement of STELLANTIS Group. (C) 2023 STELLANTIS Group. All Rights Reserved (djt)

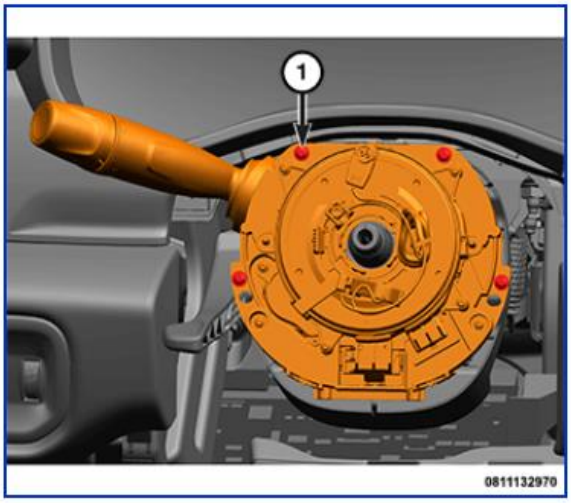
SERVICE PROCEDURE

B. Remove SCCM

WARNING: To avoid serious or fatal injury on vehicles equipped with airbags, disable the Supplemental Restraint System (SRS) before attempting any steering wheel, steering column, airbags, airbag curtains, knee blocker, seat belt tensioner, impact sensor or instrument panel component diagnosis or service. Disconnect the Intelligent Battery Sensor (IBS)/negative battery cable assembly from the negative battery post, then wait two minutes for the system capacitor to discharge before performing further diagnosis or service. This is the only sure way to disable the SRS. Failure to take the proper precautions could result in accidental airbag deployment.

CAUTION: Always turn the steering wheel until the front wheels are in the straight-ahead position. Then, prior to disconnecting the steering column from the steering gear, lock the steering wheel to the steering column. If clockspring centering has been compromised for ANY reason, the entire Steering Column Control Module (SCCM) and clockspring unit MUST be replaced with a new unit.

1. Place the front wheels in the straight-ahead position and inhibit the steering column shaft from rotation.
2. Extend the steering column to the fully extended position and lower it to its lowest (down) position.
3. Disconnect and isolate the negative battery cable(s) (Refer to 08 - Electrical/Battery System/Standard Procedure).
4. Remove the steering wheel (Refer to 19 - Steering/Column/WHEEL, Steering/Removal and Installation).
5. Remove the outer shroud from the steering column (Refer to 19 - Steering/Column/SHROUD, Steering Column/Removal and Installation).
6. Remove the fasteners (1) from the SCCM (Figure 1).
7. Release the integral retainers for the inner shroud and push the inner shroud toward the instrument panel as far as it will go.

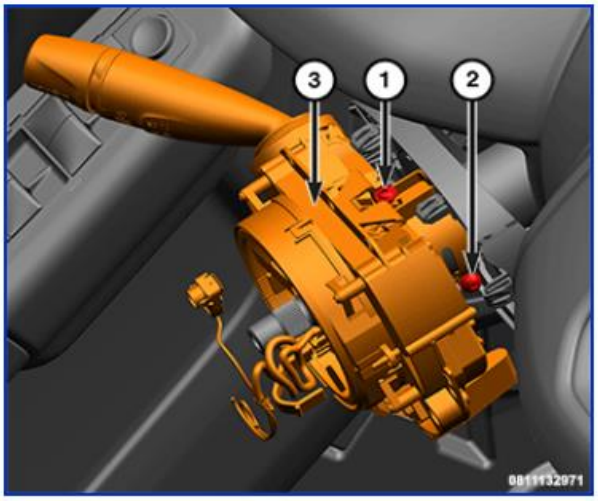


1 - Fastener

Figure 1 – SCCM Fasteners

Strictly respect STELLANTIS Group safety, cleanliness, and environmental instructions for any vehicle service.
Document exclusively reserved for dealer information. Internal distribution to be ensured by dealer.
Reproduction forbidden without the written agreement of STELLANTIS Group. (C) 2023 STELLANTIS Group. All Rights Reserved (djt)

8. Loosen the centering attachment fastener (1) on the top, rear of the SCCM. Do not remove the fastener completely (Figure 2).
9. Loosen the clamp fastener (2) to allow the SCCM to be removed. Do not remove the fastener completely (Figure 2).
10. Pull the SCCM (3) away from the steering column inner shroud far enough to disconnect the instrument panel wire harness connectors (Figure 2).
11. Remove the SCCM from the steering column.



1 - Attachment Fastener
2 - Clamp Fastener
3 - SCCM

Figure 2 – SCCM Fasteners

Strictly respect STELLANTIS Group safety, cleanliness, and environmental instructions for any vehicle service.
Document exclusively reserved for dealer information. Internal distribution to be ensured by dealer.
Reproduction forbidden without the written agreement of STELLANTIS Group. (C) 2023 STELLANTIS Group. All Rights Reserved (djt)

SERVICE PROCEDURE

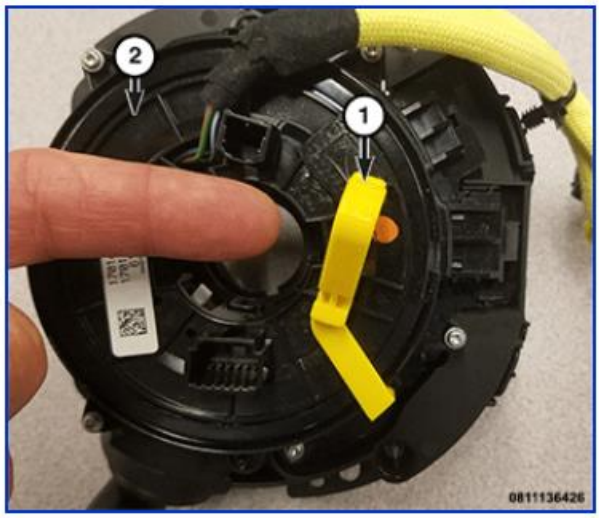
C. Install SCCM

WARNING: To avoid serious or fatal injury on vehicles equipped with airbags, disable the Supplemental Restraint System (SRS) before attempting any steering wheel, steering column, airbags, airbag curtains, knee blocker, seat belt tensioner, impact sensor or instrument panel component diagnosis or service. Disconnect the Intelligent Battery Sensor (IBS)/negative battery cable assembly from the negative battery post, then wait two minutes for the system capacitor to discharge before performing further diagnosis or service. This is the only sure way to disable the SRS. Failure to take the proper precautions could result in accidental airbag deployment.

CAUTION: Always turn the steering wheel until the front wheels are in the straight-ahead position. Then, prior to disconnecting the steering column from the steering gear, lock the steering wheel to the steering column. If clockspring centering has been compromised for ANY reason, the entire Steering Column Control Module (SCCM) and clockspring unit MUST be replaced with a new unit.

Follow the removal procedure in reverse for general reassembly of the components on the vehicle. The steps listed below are calling out specific procedures that should be followed during installation.

- A service replacement SCCM is shipped with the clockspring centered and with a molded plastic lock (1) installed. This lock should not be broken off until the SCCM has been installed on the steering column (Figure 3).
- Tighten the fasteners securely.
- Engage the integral inner shroud retainers with the SCCM. Be certain all integral inner shroud retainers are engaged with the SCCM.
- If a new SCCM is being installed, break off the plastic lock (1) that secures the clockspring rotor (2) to the SCCM housing to maintain clockspring centering (Figure 3).

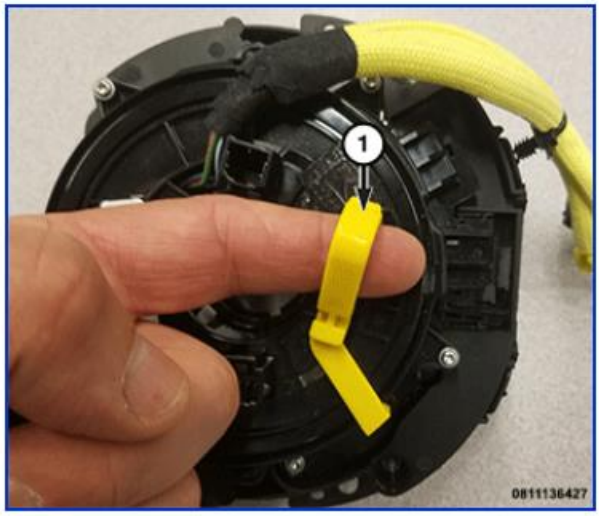


1 - Lock
2 - Clockspring Rotor

Figure 3 – SCCM

Strictly respect STELLANTIS Group safety, cleanliness, and environmental instructions for any vehicle service.
Document exclusively reserved for dealer information. Internal distribution to be ensured by dealer.
Reproduction forbidden without the written agreement of STELLANTIS Group. (C) 2023 STELLANTIS Group. All Rights Reserved (djt)

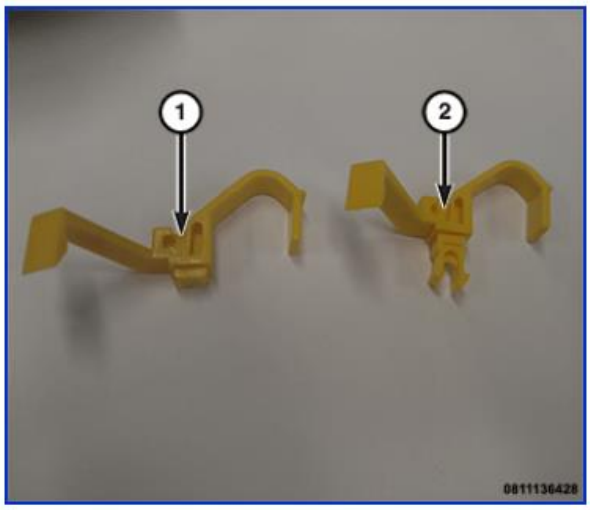
- Rotate the lock (1) towards the center of the SCCM to break it off in the SCCM housing (Figure 4).



1 - Lock

Figure 4 – SCCM Lock

- When the lock has been broken off properly, both legs will be missing (1) when compared to the original lock (2) (Figure 5).
- Tighten the **NEW** steering wheel nut to 45 N·m (33 Ft. Lbs.).



1 - Lock Legs
2 - Original Lock

Figure 5 – SCCM Locks

Strictly respect STELLANTIS Group safety, cleanliness, and environmental instructions for any vehicle service.
Document exclusively reserved for dealer information. Internal distribution to be ensured by dealer.
Reproduction forbidden without the written agreement of STELLANTIS Group. (C) 2023 STELLANTIS Group. All Rights Reserved (djt)

IMPORTANT SAFETY RECALL

33B

This notice applies to your vehicle (VIN: xxxxxxxxxxxxxxxxx).

Dear RAM Owner:

FCA US LLC has decided that a defect, which relates to motor vehicle safety, exists in certain **2023 through 2024 model year RAM (DT) 1500 Pickup trucks.**

The problem is...

The Steering Column Control Module (SCCM) on your vehicle may have been built with an insufficient weld between an internal flexible flat cable (FFC) and busbar. The SCCM in the suspect vehicles may not allow a deployment signal from the Occupant Restraint Controller to reach the driver airbag module, preventing airbag deployment during these events. **An airbag that does not deploy when intended may result in increased risk of injury to the driver in certain crashes.**

Federal Motor Vehicle Safety Standard (FMVSS) No. 571.208 requires driver's airbag deployment during certain crash events.

What your dealer will do...

FCA will repair your vehicle free of charge (parts and labor). To do this, your dealer will inspect and, if necessary, replace the steering column control module. The estimated repair time is one hour. However, additional time may be necessary depending on service schedules.

What you must do to ensure your safety...

Simply **contact your Chrysler, Jeep®, Dodge, or RAM dealer** right away to schedule a service appointment. Ask the dealer to hold the parts for your vehicle or to order them before your appointment. **Please bring this letter with you to your dealer.**

If you need help...

If you have trouble getting your vehicle serviced, please contact the dealer nearest your location. A representative will assist you in getting your vehicle serviced. This information can be found in the Customer Assistance section of your Owner's Manual.

We're sorry for any inconvenience, but we are sincerely concerned about your safety. Thank you for your attention to this important matter.

Global Service & Parts - International
FCA US LLC
Notification Code 33B