SAFETY RECALL
NORTH AMERICA
SCCM Internal Failure

Reference: 33B / Transport Canada 2024-170

FCA Canada Inc.

Remedy available for

2023-2024 RAM (DT) 1500 Pickup

Template Version 1.0

Revision	Edition	Detail
1	June 2024	Labour operation table updated
0	June 2024	Initial Version.

SYMPTOM DESCRIPTION

About 1,241 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 Canada Motor Vehicle Safety Standard ("CMVSS") No. 208.

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 recall on vehicles in for service. Involved vehicles can be determined by using the VIP inquiry process.

REPAIR TO BE PERFORMED

Verify the SCCM Julian date using wiTech. If the SCCM falls within the provided date range, replace the SCCM. If it does not fall within the provided date range, return the vehicle to the customer.

COMPLETION REPORTING / REIMBURSEMENT

Claims for vehicles that have been serviced must be submitted on the DealerCONNECT Claim Entry Screen located on the Service tab. Claims paid will be used by FCA to record recall service completions and provide dealer payments.

Use the following labour operation numbers and time allowances:

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

Labour Description	Number	Allowance
Floor Plan Reimbursement	95-95-95-97	Calculate See Below

Floor Plan Reimbursement represents the vehicle's average daily allowance (see table below) multiplied by the permissible number of days the vehicle was in dealer inventory and not available for sale. Permissible days include day number 60 and beyond when calculated from the date the recall was launched with active VINs to the date that the remedy was made available. Note: If the vehicle was received by your dealership (KZX date) AFTER the recall launch date, you will use the KZX date instead, but still with only day number 60 and beyond permitted for reimbursement. For this Recall, the launch date was 03/21/2024 and the remedy was made available on 06/13/2024, therefore, the number of days cannot exceed 25 days.

Vehicle	Average Daily Allowance
2023-2024 RAM (DT) 1500 Pickup	**$17.74**

NOTE: See the Warranty Administration Manual, Recall Claim Processing Section, for complete recall claim processing instructions.

PARTS INFORMATION

Part No.	Qty.	Part Name
CSBR33B1AA	1	MULTIFUNCTION (SWITCH) with NHS

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

PARTS RETURN

No parts return required for this campaign.

Render the recalled part unusable and discard.

SPECIAL TOOLS

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

DEALER NOTIFICATION

To view this notification on DealerCONNECT, select "Global Recall System" on the Service tab, then click on the description of this notification.

OWNER NOTIFICATION / SERVICE SCHEDULING

All involved vehicle owners known to FCA are being notified of the service requirement by first class mail. They are requested to schedule appointments for this service with their dealers. A generic copy of the owner letter is attached.

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

All involved vehicles have been entered into the DealerCONNECT 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. The owner's name, address and phone number are listed if known. Completed vehicles are removed from GRS within several days of repair claim submission.

To use this system, click on the "**Service**" tab and then click on "**Global Recall System**." Your dealer's VIN list for each recall displayed can be sorted by: those vehicles that were unsold at recall launch, those with a phone number, city, postal code, or VIN sequence.

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.

Recall VIN lists may contain confidential, restricted owner name and address information. Use of this information is permitted for this recall only and is strictly prohibited from all other use.

ADDITIONAL INFORMATION

If you have any questions or need assistance in completing this action, please contact your Service and Parts District Manager.

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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.

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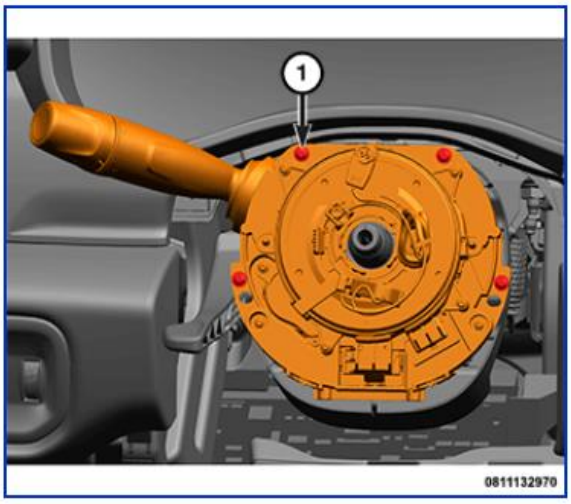
SERVICE PROCEDURE

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) (In Service Library refer to 08 - Electrical/Battery System/Standard Procedure).
4. Remove the steering wheel (In Service Library refer to 19 - Steering/Column/WHEEL, Steering/Removal and Installation).
5. Remove the outer shroud from the steering column (In Service Library 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.

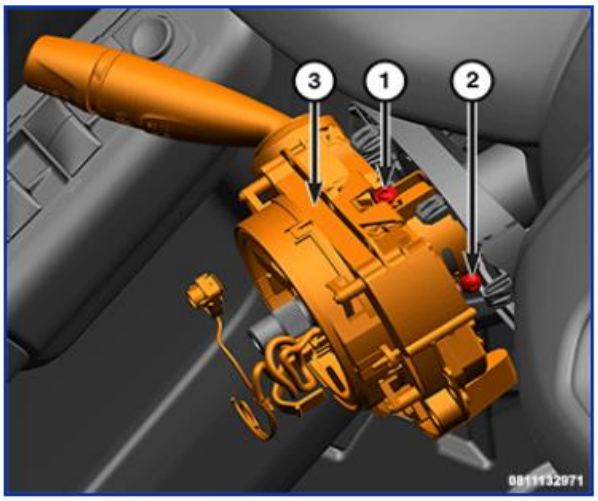


1 - Fastener

Figure 1 - SCCM Fasteners

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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 - Fastener
2 - Clamp Fastener
3 - SCCM

Figure 2 - SCCM Fasteners

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SERVICE PROCEDURE

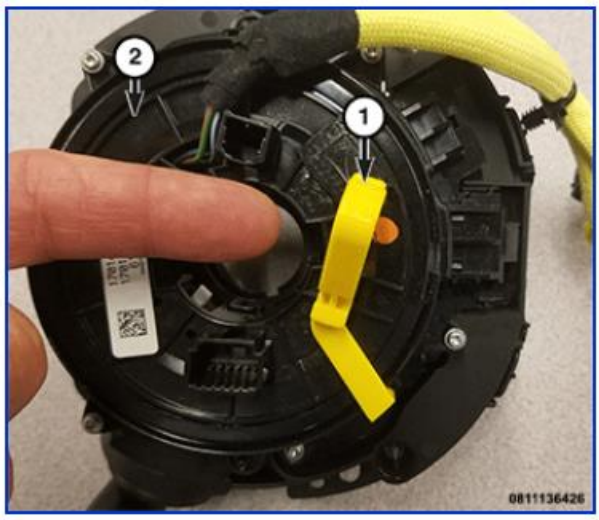
C. Install SCCM

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).

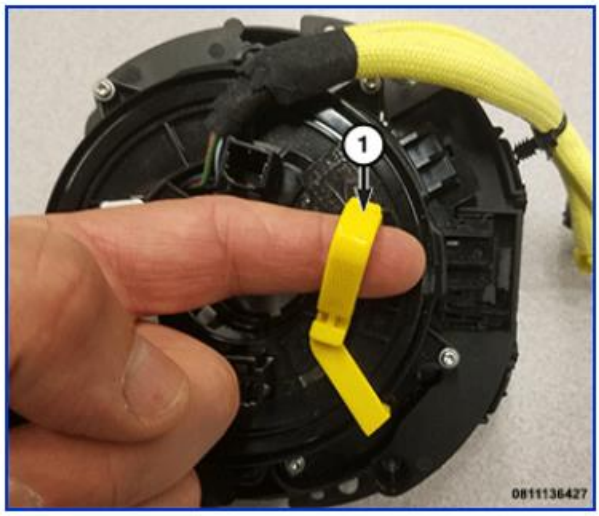


1 - Lock
2 - Clockspring Rotor

Figure 3 - SCCM

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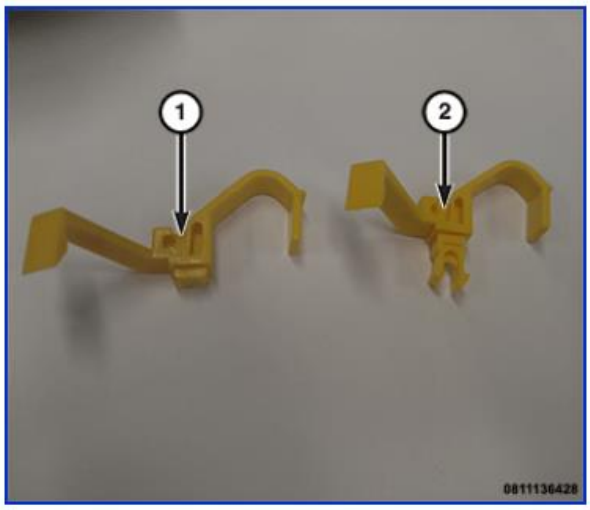
- Rotate the lock (1) towards the center of the SCCM to break it off in the SCCM housing (Figure 4).



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 Broken Properly
2 - Original Lock

Figure 5 - SCCM Locks

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SAFETY
SÉCURITÉ

URGENT VEHICLE RECALL

Your vehicle has a safety recall.

RAPPEL URGENT DU VÉHICULE

Votre véhicule a un rappel de sécurité.

SCAN TO VIEW RECALLS

FCA
FIAT CHRYSLER AUTOMOBILES

SAFETY RECALL 33B (TRANSPORT CANADA 2024-170)

STEERING COLUMN CONTROL MODULE INTERNAL FAILURE

Dear Vehicle Owner:

This Notice is sent to you in accordance with the requirements of the ***Motor Vehicle Safety Act***.

This is to inform you that your vehicle may be non-compliant with the requirements of the ***Motor Vehicle Safety Regulations*** and that the non-compliance could affect the safety of a person.

FCA CANADA INC. HAS DECIDED THAT 2023 AND 2024 RAM 1500 PICKUP VEHICLES FAIL TO CONFORM TO CANADA MOTOR VEHICLE SAFETY STANDARD ("CMVSS") NO. 208 - OCCUPANT CRASH PROTECTION.

Your vehicle must be repaired because:
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 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.

We apologize for any inconvenience and thank you for your attention to this very important matter.

FCA Canada Inc.
National Service and Parts Manager

Note to lessors receiving this recall notice: Federal regulations requires that you forward this recall notice to the lessee within 10 days.

What You Must Do To Ensure Your Safety:

Contact an authorized FCA Canada dealer to schedule a service appointment.

What Your Dealer Will Do:

FCA will repair your vehicle free of charge. 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 how dealer appointments are scheduled and processed.

FREQUENTLY ASKED QUESTIONS

WHERE CAN I FIND MORE INFORMATION ON THIS RECALL OR ANY OTHER RECALL AFFECTING MY VEHICLE?

By Web:	recalls.mopar.ca
By Phone:	(800) 465-2001
By Email:	www.fcacanada.ca/en/contact_us.php
By Mail:	FCA Canada Customer Care Centre P.O. Box 1621, Windsor, ON N9A 4H6

WHAT IF I ALREADY PAID TO HAVE THIS REPAIR COMPLETED?
If you have already experienced this specific condition and have paid to have it repaired, you will still be required to have the campaign performed by an authorized FCA Canada dealer at no charge to you. Once completed, please send your original receipts and/or adequate proof of payment along with the campaign invoice to the following address for **further review of possible reimbursement**: FCA Canada Customer Care Centre, P.O. Box 1621, Windsor, ON N9A 4H6.

HOW DO I UPDATE MY NAME AND ADDRESS OR IF I NO LONGER OWN THIS VEHICLE?
Contact the Customer Name & Address Call Centre at 1-800-373-1474 to update your information.

FCA IS THE MANUFACTURER OF THE FOLLOWING

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