

SAFETY RECALL
NORTH AMERICA
Buckle Switch/Airbag Light



Reference: 82B / NHTSA 24V-510

FCA US LLC



Remedy available for
2019 - 2023 (BV) Jeep® Renegade



Remedy available for
2024 (FG) Fiat 500 BEV
2019 - 2023 (FD) Fiat 500X



Alfa Romeo

Remedy available for
2017 - 2024 (GA) Alfa Romeo® Giulia
2018 - 2025 (GU) Alfa Romeo® Stelvio

Template Version 1.0

Revision	Edition	Detail
0	August 2024	Initial Version.

SYMPTOM DESCRIPTION

The buckle switch hall effect sensor on about 341,140 of the above vehicles may be improperly connected. A disrupted connector on the buckle switch hall effect sensor may cause the front seat air bag to not perform as intended during a crash. An airbag that does not deploy as intended in the event of a vehicle crash may result in increased risk of injury.

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. Federal law requires you to complete this recall service on these vehicles before retail delivery. Violation of this requirement by a dealer could result in a civil penalty of up to \$27,168 per vehicle.
- Some of the involved vehicles may be in dealer used 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

Replace the connector by directly wiring the sensor to the harness with a solder tube on both the driver and passenger side.

ALTERNATE TRANSPORTATION

Dealers should proactively minimize customer inconvenience while the recall repair is being performed. Reference the Goodwill Alternate Transportation Guidelines warranty bulletin link within Recall Central on DealerCONNECT for options to support the customer while their vehicle is in service.

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.

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Use the following labor operation numbers and time allowances:

Labor Description	Number	Hrs
Bypass Left and Right Front Seat Belt Buckle Switch Connectors - 2019-2023 BV/FD 2017-2024 GA 2018-2025 GU 2023 FG	08-82-B1-82	1.1

Labor 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 number of days the vehicle was in dealer inventory and not available for sale. This reimbursement is limited to the number of days from the date of the stop sale to the date that the remedy was made available. Note: If the vehicle was received by your dealership (KZX date) AFTER the stop sale date, you will use the KZX date instead of the stop sale date. For this Recall, the stop sale was initiated on **07/11/2024** and the remedy was made available on **08/20/2024**, therefore, the number of days cannot exceed **40** days.

Vehicle	Average Daily Allowance
2019 - 2023 (BV) Jeep Renegade	██████
2017 - 2024 (GA) Alfa Romeo® Giulia	██████
2018 - 2025 (GU) Alfa Romeo® Stelvio	██████
2024 (FG) Fiat 500 BEV	██████
2019 - 2023 (FD) Fiat 500X	██████

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

PARTS INFORMATION

Part No.	Qty.	Part Name
68372091AA	4	Heat-sealing tube (MSQ 20, 1 bag services 5 vehicles)

PARTS RETURN

No parts return required for this campaign.

SPECIAL TOOLS

Number	Description
NPN	wiTECH MicroPod II / MDP
NPN	Laptop Computer
NPN	wiTECH Software
NPN	Knife
NPN	Heat Gun
NPN	Heat Gun Shield/Adapter

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, zip 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.

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Recall VIN lists may contain confidential, restricted owner name and address information that was obtained from the Department of Motor Vehicles of various states. 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.

Customer Services / Field Operations
FCA US LLC.

Strictly respect STELLANTIS Group safety, cleanliness, and environmental instructions for any vehicle service.

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SERVICE PROCEDURE

Bypass Harness Connector

A. Removal

WARNING: Part of this recall population contains hybrid or BEV vehicles. Follow all safety precautions published in Service Library for the specific vehicle you are working on.

NOTE: Carry out the rework on both sides of the car (driver's seat and passenger's seat).

NOTE: For vehicles with power seats, it is necessary to remove the seat mounting fasteners (by moving the seat forward and back for access) before power is disconnected.

NOTE: Allow 2 minutes after vehicle power down for the SRS system to power down.

Valid only for Jeep Renegade, Alfa Romeo Giulia and Stelvio, Fiat 500X

1. Disconnect and isolate the negative battery terminal. If equipped with an Intelligent Battery Sensor (IBS), disconnect the IBS connector first before disconnecting the negative battery cable.

Valid only for Fiat 500 BEV

2. Disconnect the 12V low-voltage power supply as described in the procedure 1201A03 - DISCONNECTING AND RESTORING THE 12V LOW-VOLTAGE POWER SUPPLY in Service Library.

Valid only for Jeep Renegade, Alfa Romeo Giulia and Stelvio

3. Remove the front seat as described in the procedure 23 - BODY / SEATS, FIRST ROW / SEAT, FRONT / REMOVAL in Service Library.

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Valid only for Fiat 500 BEV and 500X

4. Move the front seat to the end position (Figure 1).

Valid for all models

5. Remove the seat fasteners and tip the front seat forward (Figure 1).

NOTE: For 500E, the seat trim must be removed to access the seat bolts. It is held in place by two small screws (Figure 2).

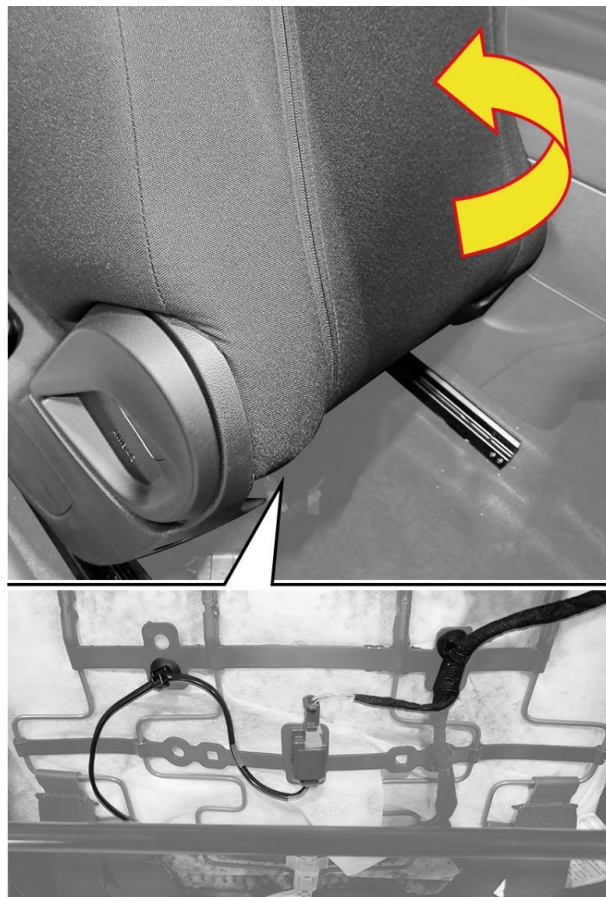


Figure 1 – Move Seat to Access Fasteners



Figure 2 – 500E Seat Trim

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6. Move the seat to a work bench, flip the seat over, release the retainers (1a) of the wiring harness (1b) and the connector (1c) (Figure 3).

NOTE: Make note of the wire colors and their location in the connector bodies.

NOTE: Cut the cables as close to the connector as possible.

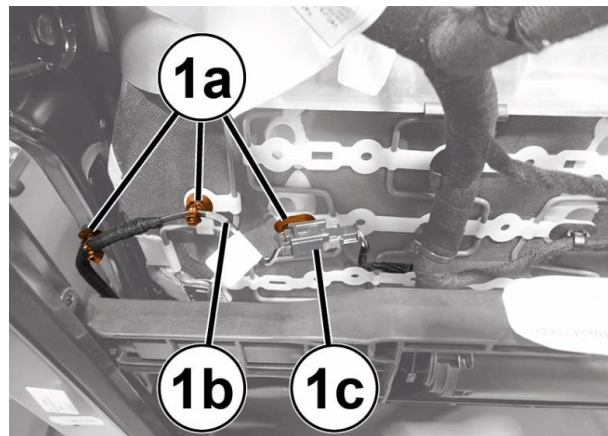


Figure 3 – Electrical Connector

7. Cut the cables and remove the connector (1) (Figure 4).

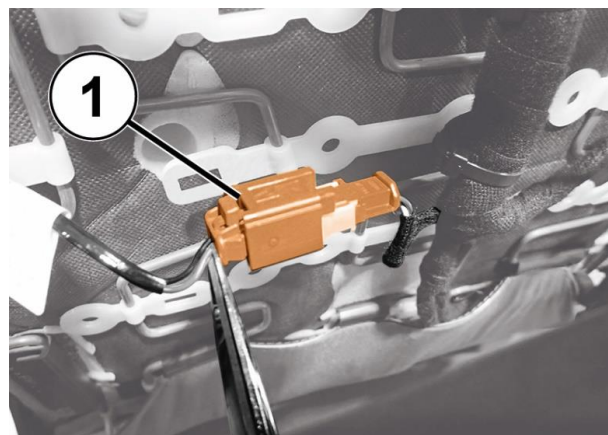


Figure 4 – Remove Connector

8. Strip a sufficient length of conduit and cloth tape from the wiring such that the heat-sealing tubes can be inserted (Figure 5).

NOTE: Be careful not to damage the cables.

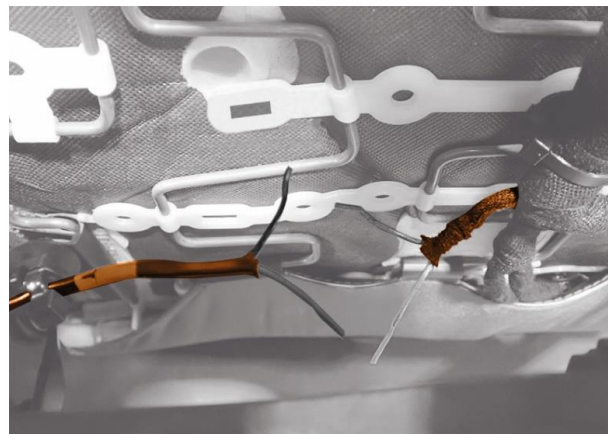


Figure 5 – Strip Wire Conduit and Tape

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9. Strip the cable terminals and insert the heat-sealing tubes (1) (Figure 6).

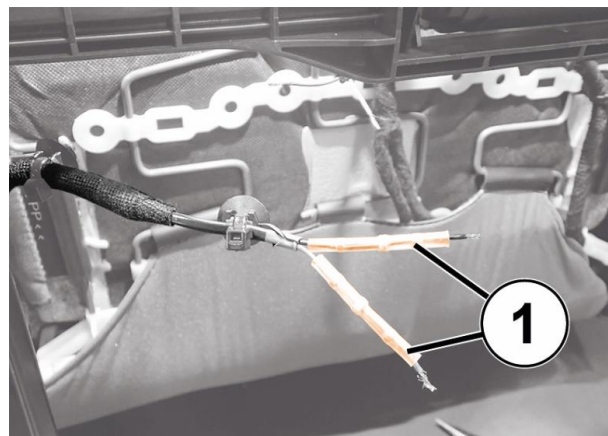


Figure 6 – Strip Wire Insulation and Insert Tubes

10. Braid the cable strands making sure to ensure the wires are in the same order as they were in the removed connector (Figure 7).

NOTE: Make sure the braiding does not exceed the outer diameter of the cables and also that the wire connections are the same as they were in the connector.

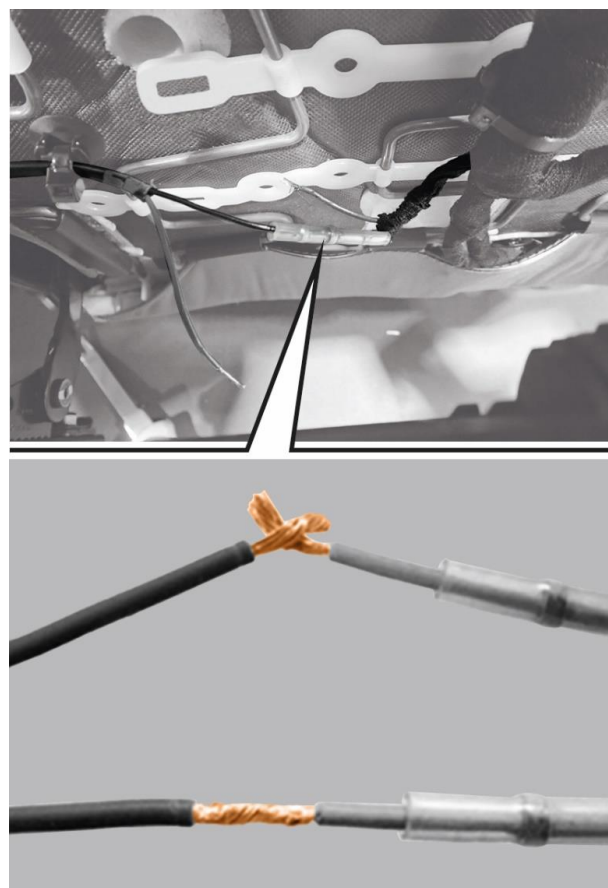


Figure 7 – Strip Wire Insulation

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11. Place the tin ring (1b) of the tube (1a) on the centerline of the strands, and with a hot-air plastic welding gun and the heat shield tool (1c), heat the heat-sealing tubes (Figure 8).

DANGER: During the heat-sealing tube heating operation, due to the high temperatures that are reached, the gun and the heat shield, must absolutely not come in contact with any part of the body: burn hazard and no part of the seat: fire hazard.

12. The tube (1a) should be heated until the sealing rings (2a) stick to the cable, ensuring a watertight seal and the tin ring (1b) melts, soldering the joint (Figure 8).

CAUTION: Heat the tube with utmost caution to avoid damage and consequent loss of watertightness. Wait for the tube to cool before handling the joint.

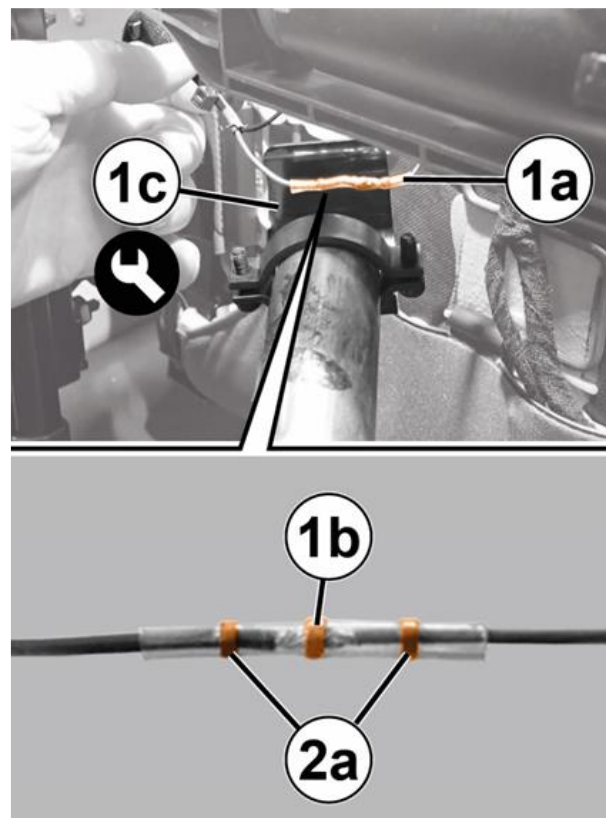


Figure 8 – Install Heat Sealing Tubes

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13. Cover the connected section with adhesive wiring cloth tape to protect the connection.
14. Remove the retainer (1a) taking care not to damage the wiring, relocate the wire further back on the seat and secure with a zip tie (1b) (Figure 9).

NOTE: Check that there is no tension on the new joint.

15. Re-engage the remaining harness retainer (2a) (Figure 8).

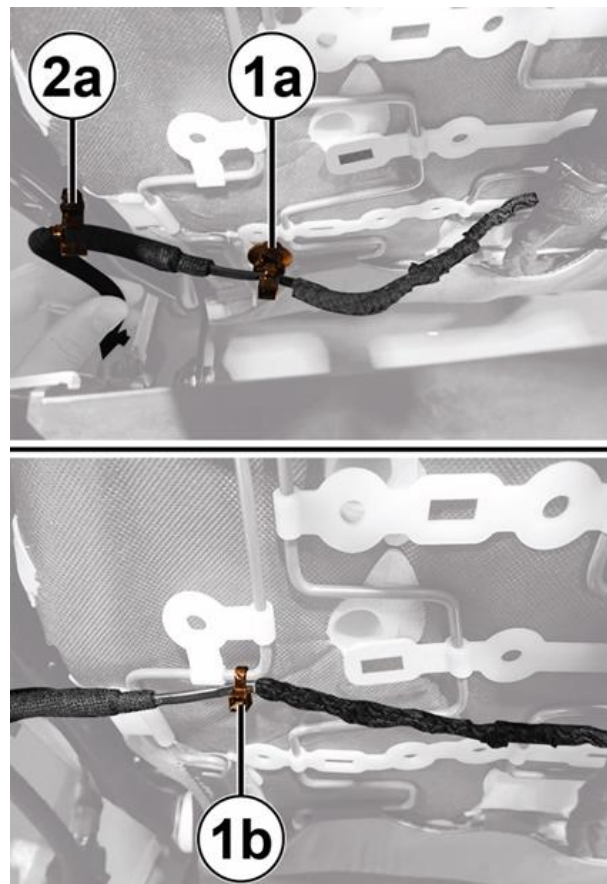


Figure 9 – Wiring Retainers and Zip Tie

B. Installation**Valid only for Fiat 500 BEV and 500X**

1. Install the front seat as described in the procedure 7045A10 - FRONT SEAT (ONE), LEFT OR RIGHT - R.R. (BEV) and 23 - Body / Seats, First Row / SEAT, Front / Removal and Installation (500X) in Service Library.
2. Move the front seat to its original position.

NOTE: The 500 BEV service information lists torque values in Dekanewtons. To convert to Newtons, move the decimal one place to the right. Ex: 3.6 - 4.4 daN = 36 - 44 N.

Valid only for Jeep Renegade, Alfa Romeo Giulia and Stelvio

3. Install the front seat as described in the procedure 23 - BODY / SEATS, FIRST ROW / SEAT, FRONT / REMOVAL in Service Library.

Valid for Jeep Renegade, Alfa Romeo Giulia and Stelvio, Fiat 500X

4. Perform the SUPPLEMENTAL RESTRAINT SYSTEM (SRS) VERIFICATION TEST in 10 - Restraints / Standard Procedure in Service Library.

Valid only for Jeep Renegade, Alfa Romeo Giulia and Stelvio, Fiat 500X

5. Connect the negative battery cable. If equipped with an IBS, connect the IBS connector.

Valid only for Fiat 500 BEV

6. Connect the 12V low-voltage power supply as described in the procedure 1201A03 - DISCONNECTING AND RESTORING THE 12V LOW-VOLTAGE POWER SUPPLY of the repair manual.

Valid for all models

NOTE: After disconnecting the 12V battery, check the date and time at the end of operations and update them if necessary.

7. Using wiTECH, scan the vehicle for and clear DTCs. If a DTC returns, follow the appropriate diagnostics.

NOTE: Follow all linked procedure steps for the restoration of vehicle systems, including SRS Verification, and Initialization procedures for Power Windows, Power Convertible Top, Power Sunroof, Power Steering, Power Liftgate and Rear Tow Hook where indicated.

8. Return the vehicle to the Customer.

This notice applies to your vehicle,

[Model Year and Model]

VIN XXXXXXXXXXXXXXXXXX

82B/NHTSA 24V-510

LOGO

VEHICLE PICTURE

YOUR SCHEDULING OPTIONS

1. RECOMMENDED OPTION

Call your authorized Alfa Romeo dealership.

2. Call Alfa Romeo Premium Care at

1-866-932-3881. An agent can confirm part availability and help schedule an appointment.

3. Visit recalls.mopar.com, scan the

QR code below, or download the Mopar Owner's Companion App.

QR Code

Get access to recall notifications, locate your Alfa Romeo dealership, and more through this website or Mopar Owner's Companion App. You will be asked to provide your Vehicle Identification Number (VIN) to protect and verify your identity. The last eight characters of your VIN are provided above.

DEALERSHIP INSTRUCTIONS

Please reference Safety Recall 82B.

IMPORTANT SAFETY RECALL

Buckle Switch/Airbag Light

Dear [Name],

This notice is sent to you in accordance with the National Traffic and Motor Vehicle Safety Act.

FCA has decided that a defect, which relates to motor vehicle safety, exists in certain [2017 through 2024 (GA) Alfa Romeo Giulia, 2018 through 2025 (GU) Alfa Romeo Stelvio] vehicles.

It is extremely important to take steps now to repair your vehicle to ensure the safety of you and your passengers.

WHY DOES MY VEHICLE NEED REPAIRS?

The buckle switch hall effect sensor on your vehicle ^[1] may be improperly connected. A disrupted connector on the buckle switch hall effect sensor may cause the front seat air bag to not perform as intended during a crash. **An airbag that does not deploy as intended in the event of a vehicle crash may result in increased risk of injury.**

HOW DO I RESOLVE THIS IMPORTANT SAFETY ISSUE?

FCA will repair your vehicle ^[2] free of charge (parts and labor). To do this, your dealer will replace the connector by directly wiring the sensor to the harness with a solder tube. The estimated repair time is 1 hour. In addition, your dealer will require your vehicle for proper check-in, preparation, and check-out during your visit, which require more time. Your time is important to us, so we recommend that you schedule a service appointment to minimize your inconvenience. Ask your dealer for alternate transportation options while your vehicle is in service. Please bring this letter with you to your dealership.

**TO SCHEDULE YOUR FREE REPAIR,
CALL YOUR ALFA ROMEO DEALER TODAY**

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 may visit www.fcarecallreimbursement.com to submit your reimbursement request online. ^[3] Once we receive and verify the required documents, reimbursement will be sent to you within 60 days. If you have had previous repairs performed and/or already received reimbursement, you may still need to have the recall repair performed.

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

Customer Assistance/Field Operations
Fiat Chrysler Automobiles US LLC



Mr. Mrs. Customer
1234 Main Street
Hometown, MI 48371

[1] If you no longer own this vehicle, please help us update our records. Call Alfa Romeo Premium Care at 1-866-932-3881 to update your information.

[2] If your dealer fails or is unable to remedy this defect without charge and within a reasonable time, you may submit a written complaint to the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Ave., S.E., Washington, DC 20590, or you can call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY 1-800-424-9153), or go to safercar.gov.

[3] You can also mail in your original receipts and proof of payment to the following address for reimbursement consideration: FCA Customer Assistance, P.O. Box 21-8004, Auburn Hills, MI 48321-8007, Attention: Recall Reimbursement.

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

This notice applies to your vehicle,

[Model Year and Model]

VIN XXXXXXXXXXXXXXXXXX

82B/NHTSA 24V-510

LOGO

VEHICLE PICTURE

YOUR SCHEDULING OPTIONS

1. RECOMMENDED OPTION

Call your authorized FIAT Studio

2. Call the FCA Recall Assistance

Center at 1-800-853-1403. An agent can confirm part availability and help schedule an appointment

3. Visit recalls.mopar.com, scan the

QR code below, or download the Mopar Owner's Companion App.

QR Code

Get access to recall notifications, locate your FIAT Studio, and more through this website or Mopar Owner's Companion App. You will be asked to provide your Vehicle Identification Number (VIN) to protect and verify your identity. The last eight characters of your VIN are provided above.

DEALERSHIP INSTRUCTIONS

Please reference Safety Recall 82B.

IMPORTANT SAFETY RECALL

Buckle Switch/Airbag Light

Dear [Name],

This notice is sent to you in accordance with the National Traffic and Motor Vehicle Safety Act.

FCA has decided that a defect, which relates to motor vehicle safety, exists in certain [2024 (FG) Fiat 500E, 2019 through 2023 (FD) Fiat 500X] vehicles.

It is extremely important to take steps now to repair your vehicle to ensure the safety of you and your passengers.

WHY DOES MY VEHICLE NEED REPAIRS?

The buckle switch hall effect sensor on your vehicle ^[1] may be improperly connected. A disrupted connector on the buckle switch hall effect sensor may cause the front seat air bag to not perform as intended during a crash. **An airbag that does not deploy as intended in the event of a vehicle crash may result in increased risk of injury.**

HOW DO I RESOLVE THIS IMPORTANT SAFETY ISSUE?

FCA will repair your vehicle ^[2] free of charge (parts and labor). To do this, your FIAT Studio will replace the connector by directly wiring the sensor to the harness with a solder tube. The estimated repair time is 1 hour. In addition, your FIAT Studio will require your vehicle for proper check-in, preparation, and check-out during your visit, which require more time. Your time is important to us, so we recommend that you schedule a service appointment to minimize your inconvenience. Ask your dealer for alternate transportation options while your vehicle is in service. Please bring this letter with you to your FIAT Studio.

**TO SCHEDULE YOUR FREE REPAIR,
CALL YOUR FIAT STUDIO TODAY**

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 may visit www.fcarecallreimbursement.com to submit your reimbursement request online. ^[3] Once we receive and verify the required documents, reimbursement will be sent to you within 60 days. If you have had previous repairs performed and/or already received reimbursement, you may still need to have the recall repair performed.

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

Customer Assistance/Field Operations
Fiat Chrysler Automobiles US LLC



Mr. Mrs. Customer
1234 Main Street
Hometown, MI 48371

[1] If you no longer own this vehicle, please help us update our records. Call the FCA Recall Assistance Center at 1-800-853-1403 to update your information.

[2] If your dealer fails or is unable to remedy this defect without charge and within a reasonable time, you may submit a written complaint to the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Ave., S.E., Washington, DC 20590, or you can call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY 1-800-424-9153), or go to safercar.gov.

[3] You can also mail in your original receipts and proof of payment to the following address for reimbursement consideration: FCA Customer Assistance, P.O. Box 21-8004, Auburn Hills, MI 48321-8007, Attention: Recall Reimbursement.

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

This notice applies to your vehicle,

[Model Year and Model]

VIN XXXXXXXXXXXXXXXXXX

82B/NHTSA 24V-510

LOGO

VEHICLE PICTURE

YOUR SCHEDULING OPTIONS

- 1. RECOMMENDED OPTION**
Call your authorized Chrysler / Dodge / Jeep® / RAM Dealership.
- 2. Call the FCA Recall Assistance Center at 1-800-853-1403.** An agent can confirm part availability and help schedule an appointment.
- 3. Visit recalls.mopar.com, scan the QR code below, or download the Mopar Owner's Companion App.**

QR Code

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DEALERSHIP INSTRUCTIONS

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IMPORTANT SAFETY RECALL

Buckle Switch/Airbag Light

Dear [Name],

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FCA US LLC has decided that a defect, which relates to motor vehicle safety, exists in certain [2019 through 2023 (BV) Jeep Renegade] vehicles.

It is extremely important to take steps now to repair your vehicle to ensure the safety of you and your passengers.

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**TO SCHEDULE YOUR FREE REPAIR,
CALL YOUR CHRYSLER, DODGE, JEEP OR RAM DEALER TODAY**

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 may visit www.fcarecallreimbursement.com to submit your reimbursement request online. ^[3] Once we receive and verify the required documents, reimbursement will be sent to you within 60 days. If you have had previous repairs performed and/or already received reimbursement, you may still need to have the recall repair performed.

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