

CUSTOMER SATISFACTION NOTIFICATION

NORTH AMERICA

Powertrain Control Module Software



FCA US LLC

Reference: 46A



Alfa Romeo

2023 (GA) Alfa Romeo Giulia

2023 (GU) Alfa Romeo Stelvio

Template Version 1.8

Revision	Edition	Detail
0	June 2023	Initial Version.

SYMPTOM DESCRIPTION

The Powertrain Control Module on about 7,157 of the above vehicles may experience an electrical over stress condition on the ignition coils and may cause the engine to misfire, run rough and set a diagnostic trouble code P230x.

SCOPE

This campaign applies only to the above vehicles equipped with a 2.0L engine.

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

IMPORTANT: Some of the involved vehicles may be in dealer new vehicle inventory. Dealers should complete this campaign 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

Reprogram the PCM with the latest available software.

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 labor operation numbers and time allowances:

Labor Description	Number	Hrs
Inspect PCM software level	18-46-A1-81	0.2hrs
Inspect and reprogram PCM software	18-46-A1-82	0.5hrs

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

PARTS INFORMATION

No parts are required to perform this service procedure.

PARTS RETURN

No parts return required for this campaign.

SPECIAL TOOLS

Number	Description
NPN	wiTECH MicroPod II / MDP
NPN	Laptop Computer
NPN	wiTECH Software

DEALER NOTIFICATION

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

Reference: 46A

Service Procedure

NOTE: The wiTECH scan tool must be used to perform this customer satisfaction notification. The wiTECH software is required to be at the latest release level before performing this procedure. If the reprogramming flash for the PCM is aborted or interrupted, repeat the procedure. The PCM software must be at the latest software calibration level after completing this customer satisfaction notification.

1. Open the hood. Install a battery charger and verify that the charging rate provides 13.0 to 13.5 volts. Do not allow the charger to time out during the flash process. Set the battery charger timer (if so equipped) to continuous charge.

NOTE: Use an accurate stand-alone voltmeter. The battery charger voltmeter may not be sufficiently accurate. Voltages outside of the specified range will cause an unsuccessful flash. If voltage reading is too high, apply an electrical load by activating the park or headlamps and/or HVAC blower motor to lower the voltage.

2. Connect the wiTECH micro pod II to the vehicle data link connector.
3. Place the ignition in the "RUN" position.
4. Open the wiTECH 2.0 website.
5. Enter your "User id" and "Password" and your "Dealer Code", then select "Sign In" at the bottom of the screen. Click "Accept".
6. From the "Vehicle Selection" screen, select the vehicle to be updated.
7. From the "Action Items" screen, select the "Topology" tab.

NOTE: The PCM must be at the latest software calibration level after completing this customer satisfaction notification.

8. From the "Topology" tab, select the "PCM" module icon.
9. From the "Flash" tab, compare the "Powertrain Control Module (PCM) Part Number" with the "New PCM Part Number" listed.
 - If the "Current PCM part Number" is the same as the "New Part Number", proceed to **Step 17**.
 - If the "Current PCM part Number" is NOT the same as the "New Part Number", continue with **Step 10**.
10. From the PCM tab, select the PCM flash part number. Read the flash special instructions page. Select "OK" to continue.
11. From the flash ECU agreement page, agree to terms by checking the box.
12. Select "Flash PCM" and then follow the wiTECH screen instructions to complete the flash.
13. Confirm the software is at the latest available calibration level.

Reference: 46A

Service Procedure [Continued]

NOTE: If the phonic wheel replacement procedure is not done correctly, DTC P1300 – Flywheel Self Learning, will stay active.

14. Using the wiTECH II, perform a Body Control Module (BCM) “Proxi Alignment”. The procedure is located in the BCM under the Misc. Function tab.
15. Using the wiTECH II, go into the ECM Misc. Functions tab and perform the “Phonic Wheel Replacement” routine.
16. Fully depress the accelerator pedal (Bring the RPM up to limitation), then release up to idle three times. If the procedure was performed properly the MIL will stop blinking.
17. Click “**View DTCs**”, select “**Clear All DTCs**”, click “**Continue**” and then click “**Close**”.
18. Place the ignition in the “**OFF**” position and then remove the wiTECH micro POD MDP device from the vehicle.
19. Remove the battery charger from the vehicle.
20. Close the vehicle hood and return the vehicle to the customer.
21. **Complete Proof of Correction Form for California Residents:**

This recall is subject to the **State of California Registration Renewal/Emissions Recall Enforcement Program**. Complete a Vehicle Emission Recall Proof of Correction Form (**Form No. 81-016-1053**) and **supply it to vehicle owners residing in the state of California** for proof that this recall has been performed when they renew the vehicle registration.

Process Steps to obtain the California Proof of Correction form:

- a. Access the “**DealerCONNECT**” website.
- b. Select the “**Service**” tab.
- c. Under the “**Publications**” heading, select the “**ePublishing**” link.
- d. Sign in using your **Dealer Code** and **Password**.
- e. Select the “**Proof of Correction form**”.

This notice applies to your vehicle,

[Model Year and Model]

VIN XXXXXXXXXX

46A

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 nearest dealer, 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.

DEALERSHIP INSTRUCTIONS

Please reference CSN 46A.

CUSTOMER SATISFACTION NOTIFICATION

Powertrain Control Module Software

Dear [Name],

At FCA US LLC, we recognize that the success of our business depends on the satisfaction of our customers. We are constantly monitoring the quality of our products and looking for opportunities to improve our vehicles even after they are sold. Because your long-term satisfaction is important to us, we are contacting you on important improvements we would like to make to your vehicle ^[1]. This will be done at no charge to you.

We are recommending the following improvements be performed on certain [2023 Model Year (GA) Alfa Romeo Giulia and (GU) Alfa Romeo Stelvio] vehicles equipped with a 2.0L engine.

WHY DOES MY VEHICLE NEED REPAIRS?

The Powertrain Control Module (PCM) on your vehicle may experience an electrical over stress condition on the ignition coils and may cause the engine to misfire, run rough and set a diagnostic trouble code P230x.

HOW DO I RESOLVE THIS CUSTOMER SATISFACTION NOTIFICATION

FCA will repair your vehicle ^[2] free of charge (parts and labor). To do this, your dealer will reprogram the Powertrain Control Module with updated software. The estimated repair time is about 30 minutes. 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. Please bring this letter with you to your dealership.

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

CALIFORNIA RESIDENTS

The State of California requires the completion of this emission recall repair prior to vehicle registration renewal. Your dealer will provide you with a Vehicle Emission Recall Proof of Correction Form after the Emission Recall service is performed. Be sure to save this form since the California Department of Motor Vehicles may require that you supply it as proof that the Emission Recall has been performed.

In order to ensure your full protection under the emissions warranty provisions, it is recommended that you have your vehicle serviced as soon as possible. Failure to do so could be determined as lack of proper maintenance of your vehicle.

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. ^[2] 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 repair performed.

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

Customer Assistance/Field Operations
FCA 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] 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.