

Turin, 21 October 2019

CAMPAIGNS

# Service Campaign

# 8245

## ENGINE SOFTWARE (ECM)

On a batch of Giulia and Stelvio vehicles with 2.2 Mjet engine, the engine failure warning light may turn on due to a problem of the software that manages the particulate measurement sensor position diagnostics.

Therefore, action must be taken during pre-delivery inspections on the vehicles in stock. For vehicles which have already been delivered, customers must be contacted by the attached letter (Annex 1) to repair all vehicles.

<b>BRAND</b>	ALFA
<b>MODEL</b>	Giulia - Stelvio 2.2 Mjet
<b>VEHICLES CONCERNED</b>	All vehicles with the chassis numbers listed in SiGi.
<b>PROBLEM / FAULT</b>	"P24B2 PM sensor out of exhaust" error
<b>PLANNED OPERATION</b>	ECM software update <i>Rev.: 1 - The added / changed parts are marked with the (#) symbol.</i>
<b>SPECIAL TOOLS</b> • wiTECH 2.0 with registered micro POD II	

## REMUNERATION

<b>Manpower and material</b>	
<b>Cost</b>	A01
<b>Campaign</b>	8245
<b>Operation</b>	<b>Time</b>
A - Operation 1 (Check)	0.20
B - Operation 1 + 2 (Check + Update ECM SW)	0.30
<b>Miscellaneous costs (mail, etc. )</b>	
<b>Cost</b>	A10
<b>Campaign</b>	8245



## OPERATING CYCLE

### Operation 1 - Check engine control module (ECM) software

Access vehicle view using the diagnosis equipment.

**WARNING** Perform a Scan Report and save a copy for further investigations before proceeding.

1. Select the engine control module (ECM) and open the Flash tab.
2. Compare the installed software number with the proposed new software (check for the correct SW number in the table below).

Version	SW number	SW version
Giulia 2.2 Mjet 136 HP AT (RWD)	10SW053128	1981
Giulia 2.2 Mjet 136 HP MT (RWD)	10SW056476	1952
Giulia 2.2 Mjet 160 HP AT (RWD)	10SW053124	1981
Giulia 2.2 Mjet 160 HP MT (RWD)	10SW056475	1952
Giulia 2.2 Mjet 190 HP AT (AWD)	10SW053130	1981
Giulia 2.2 Mjet 190 HP AT (RWD)	10SW053116	1981
(#) Giulia 2.2 Mjet 190 HP AT (RWD) Japanese market only	10SW053121	1981
Giulia 2.2 Mjet 190 HP MT (RWD)	10SW056474	1952
Giulia 2.2 Mjet 210 HP AT (AWD)	10SW053125	1981
Stelvio 2.2 Mjet 160 HP AT (RWD)	10SW053123	1982
Stelvio 2.2 Mjet 190 HP AT (AWD)	10SW053122	1982
Stelvio 2.2 Mjet 190 HP AT (RWD)	10SW053119	1982
Stelvio 2.2 Mjet 210 HP AT (AWD)	10SW053076	1982
(#) Stelvio 2.2 Mjet 210 HP AT (AWD) Japanese market only	10SW053117	1981

- If the installed version is the same as or later than the new version, flashing is not required; hand the vehicle back.
- If the installed version is earlier than the suggested new one, proceed with flashing following **Operation 2** as described below.

### Operation 2 - Update engine control module (ECM) software

Update the engine control module (ECM) software as described.

**WARNING** When performing service operations which require flashing the software in electronic control modules, in order to ensure the correct level of electrical power during the operation, it is necessary to connect a battery charger/additional battery to guarantee the nominal voltage of 12.5V 10Ah for the entire duration for the update.

Access vehicle view using the diagnosis equipment:

3. Select the engine control module (ECM) and open the Flash tab.
4. Compare the installed software number with the suggested new software (check for the correct SW number in the table below) and then proceed with the flashing procedure.



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**Engine Control Module (ECM) software HW and SW codes**

The following tables show the hardware (HW) and software (SW) codes, before and after flashing.

**ECM - Giulia 2.2 Mjet 136 HP AT (RWD)**

Before programming, the control module must have the following data or a later update

HW number	HW version	SW number	SW version
0281035050	00	10SW039160	1911
0281035050	00	10SW040737	1912
0281035050	00	10SW047562	1951

After flashing, the control module will have the following data or later updates

HW number	HW version	SW number	SW version
<b>0281035050</b>	<b>00</b>	<b>10SW053128</b>	<b>1981</b>

**ECM - Giulia 2.2 Mjet 136 HP MT (RWD)**

Before programming, the control module must have the following data or a later update

HW number	HW version	SW number	SW version
0281035050	00	10SW038937	1911
0281035050	00	10SW040738	1912
0281035050	00	10SW047558	1951

After flashing, the control module will have the following data or later updates

HW number	HW version	SW number	SW version
<b>0281035050</b>	<b>00</b>	<b>10SW056476</b>	<b>1952</b>

**ECM - Giulia 2.2 Mjet 160 HP AT (RWD)**

Before programming, the control module must have the following data or a later update

HW number	HW version	SW number	SW version
0281035050	00	10SW038398	1911
0281035050	00	10SW039844	1912
0281035050	00	10SW041068	1913
0281035050	00	10SW042267	1914
0281035050	00	10SW047563	1951

After flashing, the control module will have the following data or later updates

HW number	HW version	SW number	SW version
<b>0281035050</b>	<b>00</b>	<b>10SW053124</b>	<b>1981</b>



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**ECM - Giulia 2.2 Mjet 160 HP MT (RWD)**

Before programming, the control module must have the following data or a later update

HW number	HW version	SW number	SW version
0281035050	00	10SW037556	1901
0281035050	00	10SW039545	1911
0281035050	00	10SW040736	1912
0281035050	00	10SW047557	1951

After flashing, the control module will have the following data or later updates

HW number	HW version	SW number	SW version
<b>0281035050</b>	<b>00</b>	<b>10SW056475</b>	<b>1952</b>

**ECM - Giulia 2.2 Mjet 190 HP AT (AWD)**

Before programming, the control module must have the following data or a later update

HW number	HW version	SW number	SW version
0281035050	00	10SW048769	1951

After flashing, the control module will have the following data or later updates

HW number	HW version	SW number	SW version
<b>0281035050</b>	<b>00</b>	<b>10SW053130</b>	<b>1981</b>

**ECM - Giulia 2.2 Mjet 190 HP AT (RWD)**

Before programming, the control module must have the following data or a later update

HW number	HW version	SW number	SW version
0281035050	00	10SW037679	1901
0281035050	00	10SW039238	1911
0281035050	00	10SW040733	1912
0281035050	00	10SW042264	1913
0281035050	00	10SW047564	1951

After flashing, the control module will have the following data or later updates

HW number	HW version	SW number	SW version
<b>0281035050</b>	<b>00</b>	<b>10SW053116</b>	<b>1981</b>

**(#) ECM - Giulia 2.2 Mjet 190 HP AT (RWD) Japanese market only**

Before programming, the control module must have the following data or a later update

HW number	HW version	SW number	SW version
0281035050	00	10SW043670	1911
0281035050	00	10SW047561	1951

After flashing, the control module will have the following data or later updates

HW number	HW version	SW number	SW version
<b>0281035050</b>	<b>00</b>	<b>10SW053121</b>	<b>1981</b>



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**ECM - Giulia 2.2 Mjet 190 HP MT (RWD)**

Before programming, the control module must have the following data or a later update

HW number	HW version	SW number	SW version
0281035050	00	10SW037559	1901
0281035050	00	10SW039546	1911
0281035050	00	10SW041718	1913
0281035050	00	10SW047556	1951

After flashing, the control module will have the following data or later updates

HW number	HW version	SW number	SW version
<b>0281035050</b>	<b>00</b>	<b>10SW056474</b>	<b>1981</b>

**ECM - Giulia 2.2 Mjet 210 HP AT (AWD)**

Before programming, the control module must have the following data or a later update

HW number	HW version	SW number	SW version
0281035050	00	10SW048770	1951

After flashing, the control module will have the following data or later updates

HW number	HW version	SW number	SW version
<b>0281035050</b>	<b>00</b>	<b>10SW053125</b>	<b>1981</b>

**ECM - Stelvio 2.2 Mjet 160 HP AT (RWD)**

Before programming, the control module must have the following data or a later update

HW number	HW version	SW number	SW version
0281035050	00	10SW037678	1901
0281035050	00	10SW039459	1911
0281035050	00	10SW040084	1912
0281035050	00	10SW048526	1951

After flashing, the control module will have the following data or later updates

HW number	HW version	SW number	SW version
<b>0281035050</b>	<b>00</b>	<b>10SW053123</b>	<b>1982</b>

**ECM - Stelvio 2.2 Mjet 190 HP AT (AWD)**

Before programming, the control module must have the following data or a later update

HW number	HW version	SW number	SW version
0281035050	00	10SW037667	1901
0281035050	00	10SW039463	1911
0281035050	00	10SW048525	1951

After flashing, the control module will have the following data or later updates

HW number	HW version	SW number	SW version
<b>0281035050</b>	<b>00</b>	<b>10SW053122</b>	<b>1982</b>

**ECM - Stelvio 2.2 Mjet 190 HP AT (RWD)**

Before programming, the control module must have the following data or a later update

HW number	HW version	SW number	SW version
0281035050	00	10SW037677	1901
0281035050	00	10SW039458	1911
0281035050	00	10SW048527	1951

After flashing, the control module will have the following data or later updates

HW number	HW version	SW number	SW version
<b>0281035050</b>	<b>00</b>	<b>10SW053119</b>	<b>1982</b>

**ECM - Stelvio 2.2 Mjet 210 HP AT (AWD)**

Before programming, the control module must have the following data or a later update

HW number	HW version	SW number	SW version
0281035050	00	10SW036392	1901
0281035050	00	10SW039529	1911
0281035050	00	10SW048523	1951

After flashing, the control module will have the following data or later updates

HW number	HW version	SW number	SW version
<b>0281035050</b>	<b>00</b>	<b>10SW053076</b>	<b>1982</b>

**(#) ECM - Stelvio 2.2 Mjet 210 HP AT (AWD) Japanese market only**

Before programming, the control module must have the following data or a later update

HW number	HW version	SW number	SW version
0281035050	00	10SW046430	1911
0281035050	00	10SW048524	1951

After flashing, the control module will have the following data or later updates

HW number	HW version	SW number	SW version
<b>0281035050</b>	<b>00</b>	<b>10SW053117</b>	<b>1981</b>

**WARNING** Carefully read and follow all the instructions and warning messages displayed during the procedure; do not continue with the subsequent steps without performing all that is required at each step.

**NOTE** *The flashing procedure must be restarted if it is interrupted/aborted.*

5. At the end of the flashing procedure, reset any errors (DTC) which may have been generated in other modules as a result of the flashing, as shown on the All DTCs tab.

**WARNING** *After updating the software, run a vehicle Scan Report and save a copy for further investigations.*

6. Disconnect the diagnosis equipment.

7. Remove the battery charger/additional battery from the vehicle.

8. Close the bonnet.

- Hand the vehicle back to the customer.



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Jeep





**SIMPLE DRAFT LETTER**

Annex 1

**SERVICE CAMPAIGN code 8245**

Dear Customer

We hereby notify you of the following information related to your Alfa Romeo Stelvio  
(VIN: xxxxxxxxxxxxxxxxxxxx).

**What is the problem?** On some Alfa Romeo Stelvio vehicles, including yours, the engine control warning light may turn on due to a nonconformity of the software that checks the position of the exhaust gas monitoring sensor.

**What should I do?** Although this issue does not potentially affect the safety of your vehicle, we would be grateful if you could take your vehicle to the Dealership you bought it from or to any authorised Alfa Romeo Service Centre as soon as possible, bringing this letter with you. For greater convenience, we recommend making an appointment, referring to the authorised Alfa Romeo service centres on the [www.alfaromeo.com/](http://www.alfaromeo.com/) website.

**What does the operation consist of?** The operation will consist of updating the engine control module software.

**Will I have to pay anything?** You will not be charged for this service operation.

**Further information** Please do not hesitate to contact a Dealership, an authorised Alfa Romeo service centre or our Customer Service (on the toll-free number 0080025320000) for more information about the operation. You can connect to the [www.alfaromeo.com/](http://www.alfaromeo.com/) website for the latest news about your vehicle.

We thank you for your kind cooperation.

We apologise for any inconvenience caused and wish you our kindest regards.

FCA S.p.A.

If you have already sold or transferred your vehicle, we ask you to use the enclosed stamped and pre-printed card to tell us the name and address of the new owner or user, along with any information that could make it easier for us to find the current owner or user.





**SIMPLE DRAFT LETTER**

Annex 1

**SERVICE CAMPAIGN code 8245**

Dear Customer

We hereby notify you of the following information related to your Alfa Romeo Giulia  
(VIN: xxxxxxxxxxxxxxxxxxxx).

***What is the problem?*** On some Alfa Romeo Giulia vehicles, including yours, the engine failure warning light may turn on due to a nonconformity of the software that checks the position of the exhaust gas monitoring sensor.

***What should I do?*** Although this issue does not potentially affect the safety of your vehicle, we would be grateful if you could take your vehicle to the Dealership you bought it from or to any authorised Alfa Romeo Service Centre as soon as possible, bringing this letter with you. For greater convenience, we recommend making an appointment, referring to the authorised Alfa Romeo service centres on the [www.alfaromeo.com/](http://www.alfaromeo.com/) website.

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