



Ducati Performance and OEM Software Installation

Models: 1299 Superleggera (all country versions)

Service Bulletin SRV-ESB-17-007

Date: Thursday, June 15th, 2017
To: Dealer Principal, General Manager, Service Manager, North American Dealer Network
From: Richard Kenton, Technical Director; Jonathan LaForte, Technical Manager

Dear Dealers,

The purpose of this bulletin is to provide procedures for:

- installation of Ducati Performance software if the Ducati Performance racing exhaust installed;
- installation of the OEM software if the OEM (Original Equipment Manufacturer) exhaust is installed.

These procedures are valid for the applicable model configuration.

As stated in its model introduction bulletin, SRV-SRB-17-012, the 1299 Superleggera is delivered with the titanium Ducati Performance racing exhaust and the associated MAP-KEY device.



WARNING

The installation of the racing exhaust and its software is authorized for off-road competition use only, thus nullifying its street-legal configuration/conformance. Please refer to local State and Federal laws regarding proper guidance and legality. In addition, please note that the installation of the Ducati Performance Akrapovic titanium competition exhaust system removes the motorcycle side-stand. The motorcycle will no longer conform to on-road use; owners will need to utilize the paddock stand for track use.

This racing exhaust provides improved performance and modified curve torque; combined with engine control unit (ECU) software updates, it becomes necessary to update the BBS control unit software as well. The BBS control unit therefore requires a dedicated calibration, as it manages the algorithms for traction control (DTC), wheelie control (DWC) and assisted launch control (DPL).

Ducati Performance Racing Exhaust Kit Installation

The following steps are required for installation of the Ducati Performance racing exhaust kit:

1) Update the engine control unit (ECU) software using the instructions below:

- a) Connect cable Part no.979000259 to the diagnostic socket.
- b) Connect DDS 2.0 diagnosis instrument to one end of cable Part no.979000259.



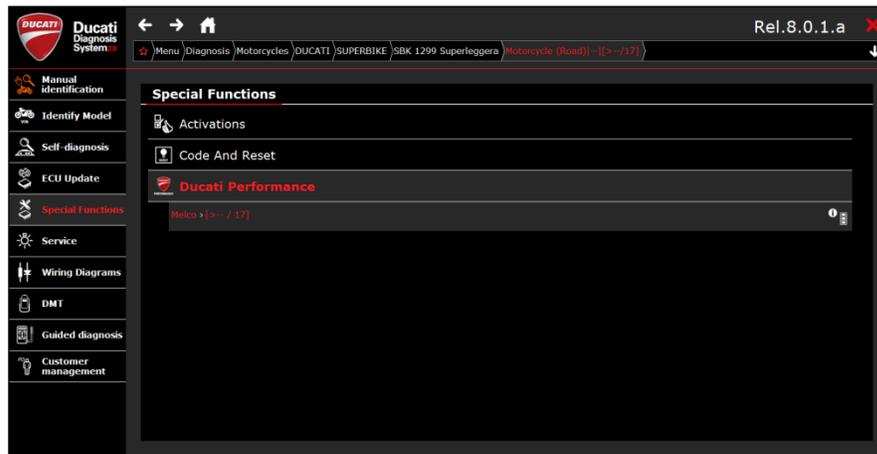
Ducati Performance and OEM Software Installation

Models: 1299 Superleggera (all country versions)

Service Bulletin SRV-ESB-17-007

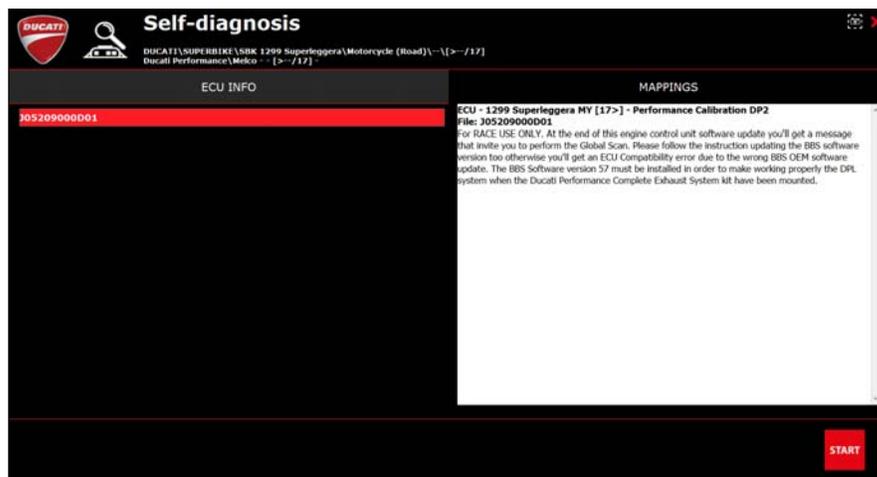
c) Select:

- family: SUPERBIKE;
- model: SBK 1299 Superleggera;
- Special functions;
- Ducati Performance;
- Melco > [>- / 17].



d) Connect the supplied MAP-KEY to the other end of cable Part no.979000259.

e) Select "Mappings", then software version "J05209000D01" and wait for the update operation to be successfully completed.





Ducati Performance and OEM Software Installation

Models: 1299 Superleggera (all country versions)
Service Bulletin SRV-ESB-17-007

Once the update has been completed, the following message will be displayed:
"ATTENTION: Run a Global Scan! Upgrade the BBS software and then erase the ECU compatibility error in memory."



NOTE

The error indicates that the BBS control unit software is not suitable for the engine control unit software version.

This error will shift to "stored" status, and it will then be possible to delete it only after the BBS control unit software update.

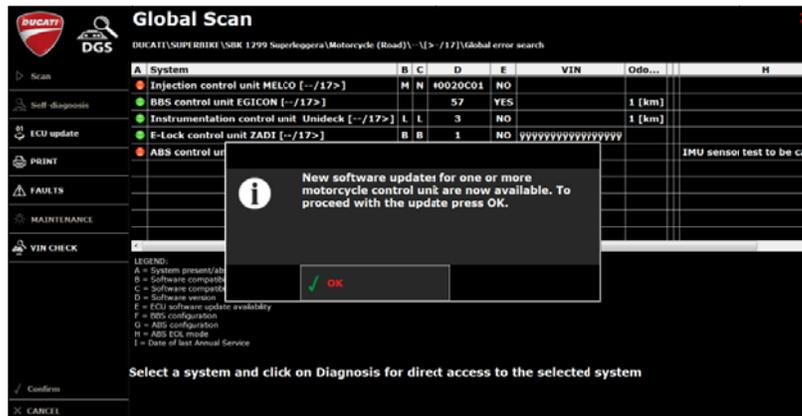


f) Select "Confirm", then disconnect the MAP-KEY and close the current diagnostic session.

2) Update the BBS control unit software using the instructions below:

a) Perform the Global Scan through the DDS 2.0 diagnosis instrument.

b) Update the BBS control unit software to version 57 and wait for the operation to be successfully completed.

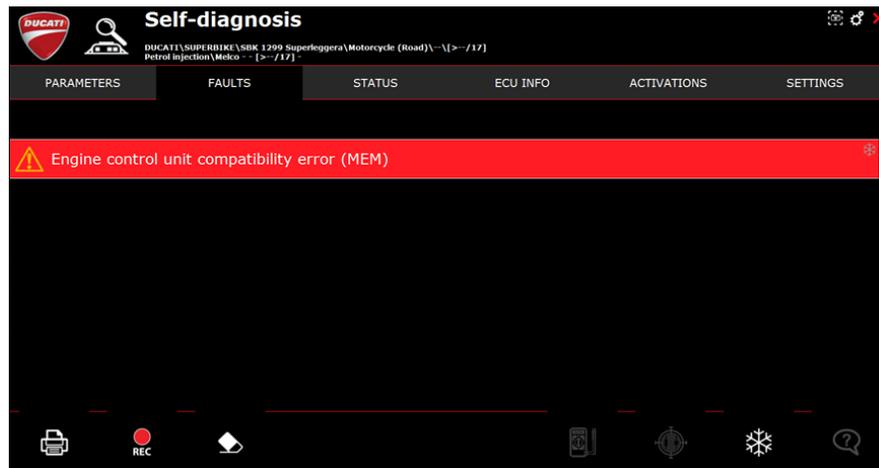




Ducati Performance and OEM Software Installation

Models: 1299 Superleggera (all country versions)
Service Bulletin SRV-ESB-17-007

- c) Once the update is completed, the engine control unit (ECU) software compatibility error will shift from "current" to "stored" status.
- d) Inside Global Scan, double click to select the line relating to engine control unit (ECU) diagnosis information.
- e) Select "Errors" and delete them.



3) *Ducati Performance exhaust installation:*

Follow the instructions provided with the installation kit of the titanium Akrapovic racing exhaust.

OEM Exhaust Kit Installation

The following steps are required for installation of the OEM exhaust kit:

1) *Update the engine control unit (ECU) software to the OEM version using the instructions below:*

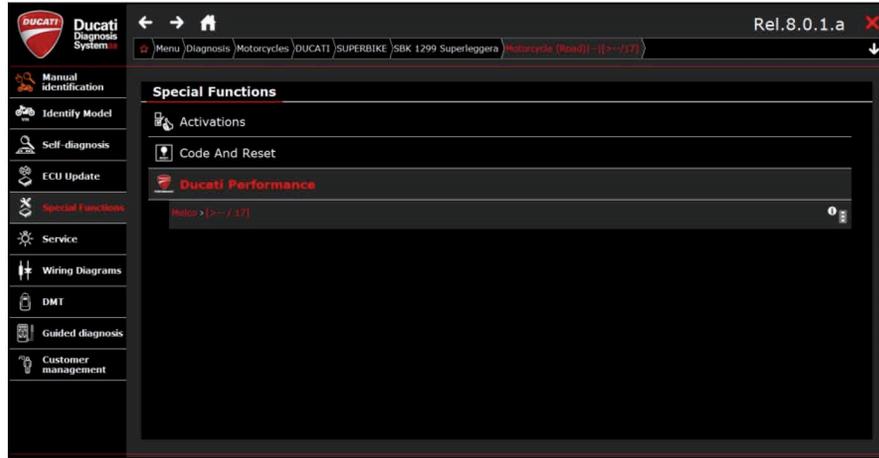
- a) Connect cable Part no.979000259 to the diagnostic socket.
- b) Connect DDS 2.0 diagnosis instrument to one end of cable Part no.979000259.
- c) Select:
 - family: SUPERBIKE;
 - model: SBK 1299 Superleggera;
 - Special functions;
 - Ducati Performance;
 - Melco > [>-- / 17].



Ducati Performance and OEM Software Installation

Models: 1299 Superleggera (all country versions)

Service Bulletin SRV-ESB-17-007



- d) Connect the supplied MAP-KEY to the other end of cable Part no.979000259.
- g) Select "Mappings", then the relevant software version and wait for the update operation to be successfully completed.



NOTE

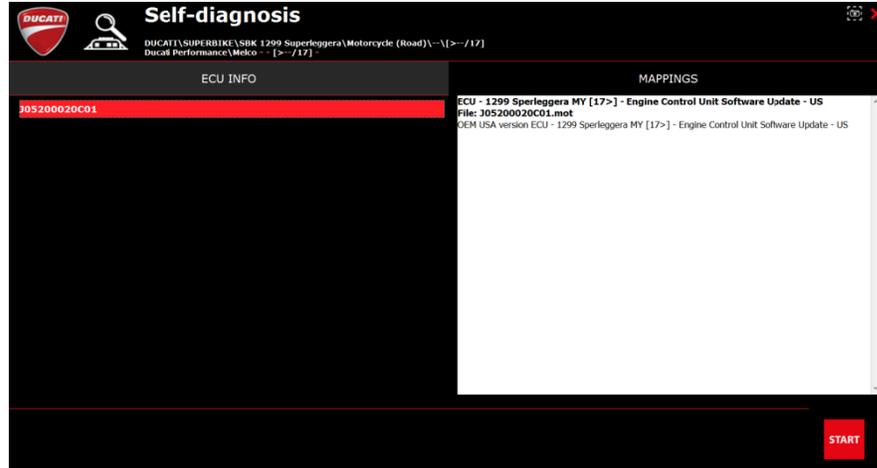
The table below lists the software versions relating to specific country versions, valid for OEM calibration.

Software Version	Country Version
[REDACTED]	[REDACTED]
J05200020C01	USA
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]



Ducati Performance and OEM Software Installation

Models: 1299 Superleggera (all country versions)
Service Bulletin SRV-ESB-17-007

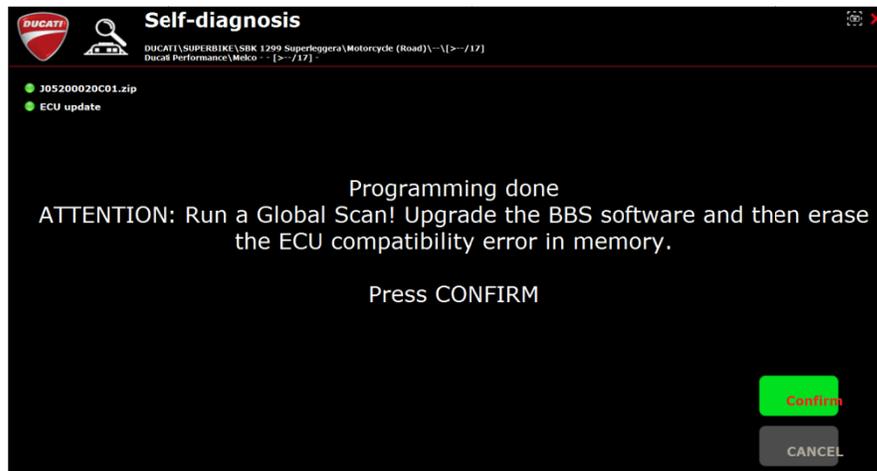


Once the update has been completed, the following message will be displayed:
"ATTENTION: Run a Global Scan! Upgrade the BBS software and then erase the ECU compatibility error in memory."



NOTE

The error indicates that the BBS control unit software is not suitable for the engine control unit software version.
This error will shift to "stored" status, and it will thus be possible to delete it only after the BBS control unit software update.



h) Select "Confirm", then disconnect the MAP-KEY and close the current diagnostic session.



Ducati Performance and OEM Software Installation

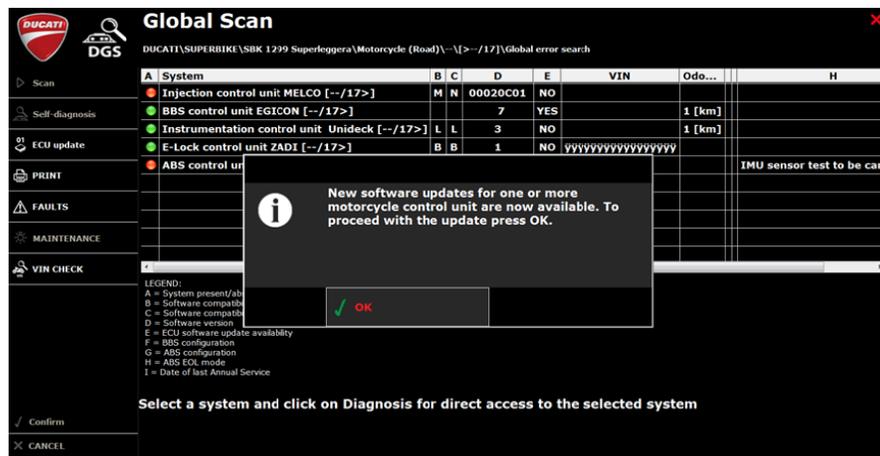
Models: 1299 Superleggera (all country versions)
Service Bulletin SRV-ESB-17-007

2) Update the OEM software of the BBS control unit using the instructions below:

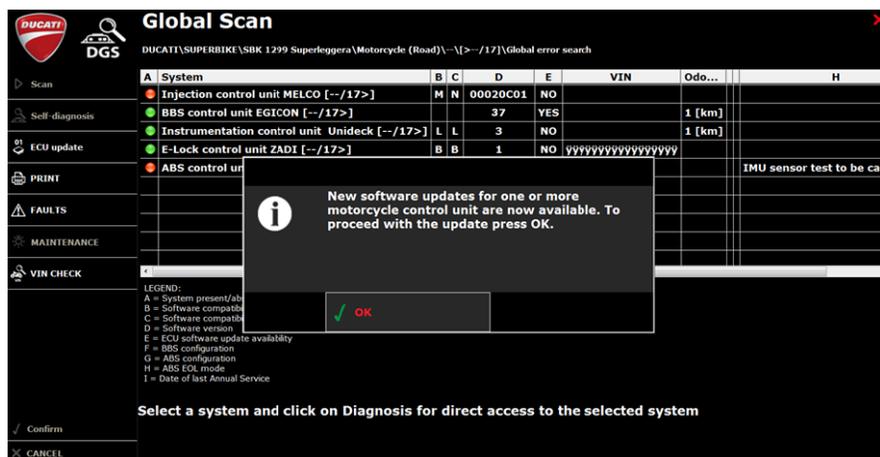
- Perform a Global Scan through the DDS 2.0 diagnosis instrument.
- Update the BBS control unit software to the OEM version and wait for the operation to be successfully completed.

NOTE

- Version 7 for all country versions (CAL and CDN versions excluded)



- Version 37 for CAL and CDN country versions.



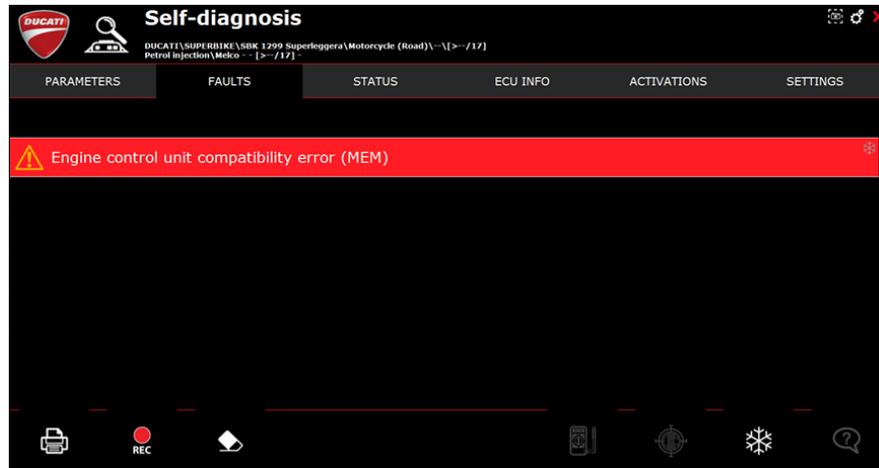
- Once the update is completed, the engine control unit (ECU) software compatibility error will shift from "current" to "stored" status.



Ducati Performance and OEM Software Installation

Models: 1299 Superleggera (all country versions)
Service Bulletin SRV-ESB-17-007

- d) Inside Global Scan, double click to select the line relating to engine control unit (ECU) diagnosis information.
- e) Select "Errors" and delete them.



3) OEM exhaust installation:

Follow the instructions provided with the installation kit of the OEM exhaust.

Regards,

Service Department
Ducati North America