



S.A.T.	233 Rev.1
area	MV n°

Service Bulletin

Service Bulletin - Technisches Rundschreiben - Circulaire Technique - Circular Tecnica

Date: **06 March 2020**

Subject: **Battery Cable Update**

Product: **Brutale 1000 Serie Oro**

This Service Bulletin cancels and replaces the previous Service Bulletin n° 233.

Following a continuous monitoring of the quality of our product, it has been found that for the Brutale 1000 Serie Oro motorcycle purchased by you, it is necessary to replace the positive battery cable, install a new fixing bracket and apply an insulating panel under the driver's seat.

We kindly ask you to replace the cable and the other operations listed BEFORE delivering the vehicle to the end customer.

For the motorcycles already sold, we ask you to contact the customer as soon as possible and to replace the cable.

The old cable and original screws must be returned

The fixing screws of the battery poles must be scrapped.

Content of KIT cod. 8000C8687:

- n°1 Positive battery cable p/n 8000C8698
- n°2 Cable ties L 188mm p/n 800056444
- n°1 Pilot cable
- n°2 Battery screws p/n 8000B2672
- n°1 Battery fixing bracket p/n 8000C8719
- n°4 Battery fixing bracket screws p/n 8E00B2672
- n°1 Seat adhesivo p/n 8000C8726
- n°1 Seat insulating panel p/n 8000C8720

Tools needed for operations:

- Allen key 2,5mm
- Allen key 4mm
- Hex key 10mm
- Torx key TX30
- Nippers (or scissors)
- Insulating tape
- Copper grease CU

We ask you to check and, if necessary, update the bikes during the pre-delivery check, during a maintenance service or on the first useful occasion at your workshop.

IDENTIFICATION OF VEHICLES AFFECTED BY THE DEFECT:

This update involves n° 80 units of motorcycles, in this regard please refer to the list attached to this bulletin concerning the VINs involved. Vehicles not included in this list have already been updated at our factory.

VEHICLE IDENTIFICATION PROCEDURE:

Check the chassis number (VIN) of your motorcycle: if it is included in the list attached to this bulletin, proceed with the warranty claim for the kit cod. 8000C8687 as indicated in the following paragraph; once the kit has been received, replace the components involved as specified in the "intervention procedure" paragraph.

REQUEST FOR WARRANTY FOR RECEIVING KIT AND REFUND FOR LABOR (PHASE 1):

To receive a refund for the labour, in addition to the complete motorcycle data, it is necessary to send a Warranty claim using the following information:

- Warranty type = 2 options available:
 - New stock motorcycles NOT REGISTERED = **GX**
 - Motorcycles sold with activated warranty = **GS**
- Special warranty number = **2824** (to be used for both GX and GS)
- Operation code for labor time: **X999** with labour time of **0,5 hours**
- Defect code: **099**
- Problem date: **date of insertion of warranty claim**
- Spare part code: **KIT cod. 8000C8687**

WARRANTY CLAIM (PHASE 2):

After the validation of the warranty claim by the MV Agusta Technical Assistance Service you will automatically receive the kit cod. 8000C8687 for the update of the battery cable that will allow you to make the modification on the bike.

Once the update has been performed, it will be necessary to complete the warranty claim procedure by entering the repair date: the insertion of the repair date in the warranty claim is valid as certification of the motorcycle's update and also allows the payment of the labor for the work performed.

NOTE: we remind you that according to the new warranty management functions and procedures the insertion of the repair date is fundamental and mandatory as per technical communication n ° 004/17.

INTERVENTION PROCEDURE:

WARNING! All the operations below must be performed with the engine switched off and the key removed from the motorcycle

1. Remove the fuel tank central protection (Rubber and Aluminum with MV Logo) (Picture 01)
2. Remove the central screw from the lateral fairings of the fuel tank (Picture 02)
3. Remove the right side fairing first (FIANCHETTO DX SERB RED 8A00C6188) (Picture 03)
 - a. Pull the side fairing outwards from the rear to release it from the pressure connection
 - b. Pull the side panel to the rear to free it from the front support
4. Remove the left side panel (FIANCHETTO SX SERB RED 8A00C6189)
 - a. Pull the side fairing outwards from the rear to release it from the pressure connection
 - b. Pull the side panel to the rear to free it from the front support
5. Remove the rider seat (Picture 04)
 - a. Remove the rider seat screws
 - b. Lift the front of the rider seat
 - c. Remove the rider seat from the front
(PAY ATTENTION TO AVOID CONTACT WITH THE FUEL TANK)
6. Disconnect the battery:
 - a. WARNING! : FIRST disconnect the NEGATIVE lead
 - b. Remove the positive lead
 - c. WARNING!: The removed screws will be SCRAPED (Picture 05)
 - d. Remove the battery from its compartment
7. Disconnect the positive cable from the starter relay (Picture 06)
 - a. Remove the quick release screw located on the left side of the motorcycle and remove the cover
 - b. Pull the starter relay cover outwards
 - c. Disconnect the brown connector of the starter remote control switch Remove the transparent cover of the starter relay
 - d. Remove the 30A Fuse
 - e. Disconnect the remote control switch cable positioned at the top in position "B"
8. Remove the two plastic ties as shown in the picture (Picture 07)

WARNING!: Be careful not to damage the chassis components and / or wirings
9. Removal of battery positive cable:
 - a. Connect the pilot cable to the eyelet of the lower terminal of the starter relay by a node as shown in the picture (Picture 08)
 - b. Apply the insulating tape, taking care to protect the battery cable terminal to avoid damaging the fuel tank and securing the node to prevent disconnection of the pilot cable from the battery cable during removal operations (Picture 09)
 - c. Remove the battery cable by sliding it out from the battery side
WARNING!: During this operation, pay attention to prevent the cable from stuck during removal, if necessary guide it manually from the terminal side to facilitate its sliding.
DURING THIS OPERATION DO NOT USE EXCESSIVE FORCE TO REMOVE THE CABLE

10. Installation of new battery positive cable

- a. Cut the pilot cable connected to the original battery cable (**Picture 10**)
- b. Connect the pilot cable to the eyelet of the lower terminal of the starter relay by a node as shown in the picture (**Picture 08**)
- c. Apply the insulating tape, taking care to protect the battery cable terminal to avoid damaging the fuel tank and securing the knot to prevent the pilot cable from disconnecting from the battery cable during removal. (**Picture 09**)
- d. Reposition the new battery cable following the opposite path. (**Picture 11**)

WARNING!: During this operation, pay attention to avoid that the lower terminal side got stuck during insertion, if necessary manually guide it from the side of the relay terminal to facilitate its sliding.

DURING THIS OPERATION DO NOT USE EXCESSIVE FORCE TO INSTALL THE CABLE

- e. Remove the insulating tape
- f. Remove the pilot cable

11. Connection of the positive cable on the starter relay

- a. Connect the new positive cable to the starter relay in position "B"
- b. Reposition the 30 A fuse in the upper position previously removed
- c. Reposition the transparent cover of the starter relay

12. Connect the battery using the screws inside the KIT (cod. 8000B2672)

- a. WARNING! : Pay particular attention to correctly positioning the battery inside its housing as shown in the picture (**Picture 12**)
- b. WARNING! : FIRST connect the POSITIVE lead (8-10 Nm)
- c. Correctly reposition the red positive lead protection cap
- d. connect the negative lead (8-10 Nm)

13. Battery Bracket Installation

- a. Remove the 4 original screws M6x12
WARNING!: The original screws must be returned together with the original battery cable
- b. Install battery bracket p/n 8000C8719 as picture (**Picture 13**)
WARNING!: Check again the correct position of the battery inside its housing
- c. Install 4 new screws p/n 8E00B2672 (10-12 Nm + Copper Grease CU)

14. Apply the two plastic ties as shown in the picture (**Picture 07**)

WARNING!:

- Install the cable ties making sure that you have included all the electrical wires
- The brake hoses must NOT be included in the fixing of the electric cables
- Be careful not to over tighten the ties in order not to damage the frame components and /or wirings

15. Install underseat insulation

- a. Place the double-sided adhesive cod. 8000C8726 as shown (photos 14 and 16)
- b. Remove the film from the top of the double-sided tape (photo 15)
- c. Remove the blue film from the insulating panel cod. 8000C8720 (photo 17) and position it under the rider seat as shown in figures 18 and 19

16. Installation of the rider seat

- a. Insert the rider seat rear side while keeping the front side raised
(PAY ATTENTION TO AVOID CONTACT WITH THE TANK)
- b. Install the two front screws of the rider seat

17. First install the left side panel (FIANCHETTO SX SERB RED 8A00C6189) (**Picture 20**)

- a. Insert the front guide of the left side panel on the tank rubber
- b. Push the rear part of the tank side panel into its seat

18. Then install the right side panel (FIANCHETTO DX SERB RED 8A00C6188)

- a. Insert the front guide of the right side panel on the tank rubber with the same installation methods as the previous one
- b. Push the rear part of the tank side panel into its seat with the same installation methods as the previous one

19. Install the central screw on the side panels of the tank

- a. Be careful to correctly align the hole on both sides (Picture 03)
- b. Tighten the central screw

20. Reposition the two parts of the central tank protection (Rubber and Aluminum with MV Logo)

- a. Pay attention to align the holes of the rubber protection with the aluminum ones with the MV logo
- b. Position the 4 screws and then tighten them keeping the tank protection centered on the MV logo

21. Reconnect the starter relay

- a. Connect the brown connector of the starter relay
- b. Position the starter relay cover located on the left side of the motorcycle
- c. Connect the fastener screw

At the end of this operation, start the motorcycle and check the functionality of all the electrical devices.

NOTE: For anything not indicated in this communication, please refer to the related workshop manual.

Thanking you in advance for your collaboration, we remain at your disposal for any technical / commercial support.

Best regards
MV AGUSTA MOTOR S.p.A.
Technical Assistance Service

List of VINs involved in the upgrade:

ZCGB710ABLV000016	ZCGB710ABLV000039	ZCGB710ABLV000059	ZCGB710ABLV000081
ZCGB710ABLV000017	ZCGB710ABLV000040	ZCGB710ABLV000060	ZCGB710ABLV000082
ZCGB710ABLV000018	ZCGB710ABLV000041	ZCGB710ABLV000061	ZCGB710ABLV000083
ZCGB710ABLV000019	ZCGB710ABLV000042	ZCGB710ABLV000062	ZCGB710ABLV000084
ZCGB710ABLV000020	ZCGB710ABLV000043	ZCGB710ABLV000063	ZCGB710ABLV000085
ZCGB710ABLV000021	ZCGB710ABLV000044	ZCGB710ABLV000064	ZCGB710ABLV000086
ZCGB710ABLV000022	ZCGB710ABLV000045	ZCGB710ABLV000065	ZCGB710ABLV000087
ZCGB710ABLV000023	ZCGB710ABLV000046	ZCGB710ABLV000066	ZCGB710ABLV000088
ZCGB710ABLV000024	ZCGB710ABLV000047	ZCGB710ABLV000067	ZCGB710ABLV000089
ZCGB710ABLV000025	ZCGB710ABLV000048	ZCGB710ABLV000068	ZCGB710ABLV000090
ZCGB710ABLV000029	ZCGB710ABLV000049	ZCGB710ABLV000069	ZCGB710ABLV000091
ZCGB710ABLV000030	ZCGB710ABLV000050	ZCGB710ABLV000071	ZCGB710ABLV000092
ZCGB710ABLV000031	ZCGB710ABLV000051	ZCGB710ABLV000072	ZCGB710ABLV000104
ZCGB710ABLV000032	ZCGB710ABLV000052	ZCGB710ABLV000073	ZCGB710ABLV000105
ZCGB710ABLV000033	ZCGB710ABLV000053	ZCGB710ABLV000074	ZCGB710ABLV000108
ZCGB710ABLV000034	ZCGB710ABLV000054	ZCGB710ABLV000075	ZCGB710ABLV000110
ZCGB710ABLV000035	ZCGB710ABLV000055	ZCGB710ABLV000076	ZCGB710ABLV000111
ZCGB710ABLV000036	ZCGB710ABLV000056	ZCGB710ABLV000077	ZCGB710ABLV000112
ZCGB710ABLV000037	ZCGB710ABLV000057	ZCGB710ABLV000078	ZCGB710ABLV000113
ZCGB710ABLV000038	ZCGB710ABLV000058	ZCGB710ABLV000079	ZCGSLFTWXLV000070



Picture 01



Picture 02



Picture 03



Picture 04



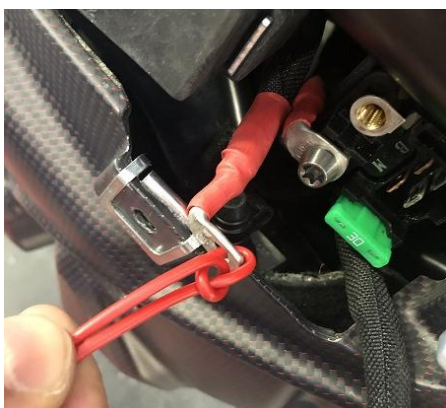
Picture 05



Picture 06



Picture 07



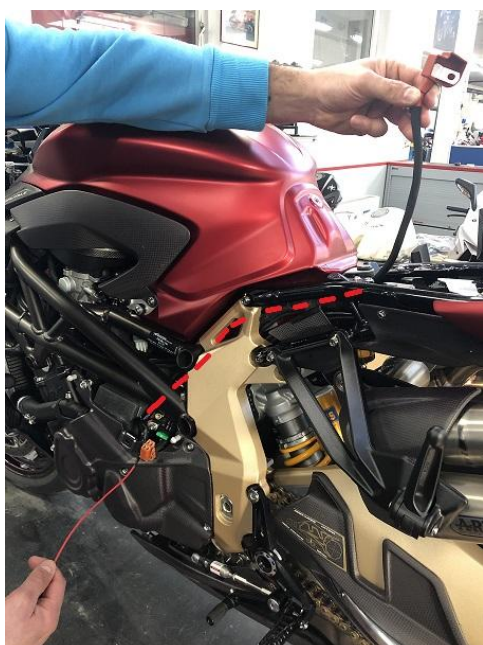
Picture 08



Picture 09



Picture 10



Picture 11



Picture 12



Picture 13



Picture 14



Picture 15



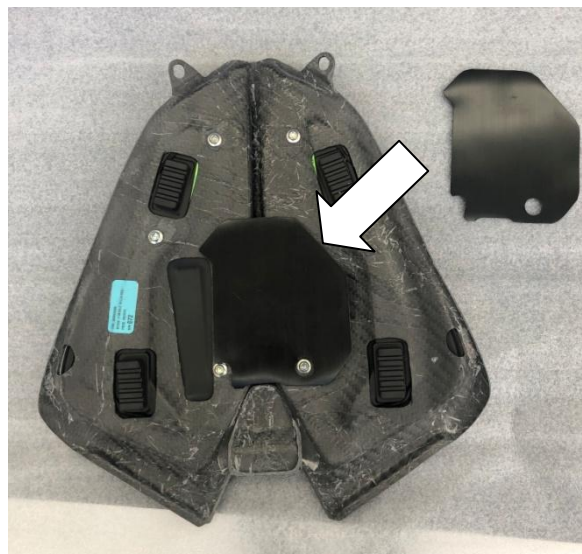
Picture 16



Picture 17



Picture 18



Picture 19



Picture 20