

# Service Bulletin

Circolare Tecnica - Technisches Rundschreiben - Circulaire Technique - Circular Tecnica

Date: 17 October 2013

Subject: Gear Sensor

Product: **B3 - F3**

**Following a constant surveillance on the quality of our product, we have detected possible irregularities in the functioning of the gear sensor. In the event of incorrect gear indicated in dashboard, it is necessary to replace the gear sensor.**

**Models:**

- Brutale 675 – Brutale 800 – F3 675 – F3 800

**Materials to be ordered for the update:**

- N° 1 item, part number 8000B8970 KIT SENSORE MARCE - GEAR SENSOR KIT

- **PROCEDURE TO IMPLEMENT THE UPDATE:**

- Remove the old sensor from the engine
- Remove the pin and the pressure spring



- Recover the O-ring seal from the old sensor

- Take new gear sensor kit 8000B8970



- Install the O-ring on the engine and mount the new sensor with leads upward, taking care to engage the reference peg in the hole of the gear selector.



- Install the 2 screws and tighten to 6-8 Nm, apply medium strength Loctite.
- Collect additional wiring included in the kit
- Connect the speed sensor wiring the kit and the connector to the electrical system of the motorcycle.
- Secure the wiring kit to the chassis using the existing cable ties up to the diagnostic connector in the back of the motorcycle.
- Connect the new wiring kit to the 4-way connector of the diagnostic socket
- Put the protection cap on the spare connector on the wiring Kit
- Complete the motorcycle in its entirety.
- For anything not mentioned refer to the workshop manuals.
- Try the motorcycle on the road before returning to the customer to verify the correct operation

**Procedure for Warranty reimbursement:**

Send a Warranty Request for reimbursement of the parts and labor including all the relevant information regarding the motorcycle and parts with the following codes:

- Warranty Type = GS
- Special Warranty Code = 2780
- Operation Code: V - 999
- Labor: 0,5 hours
- Defect Code: 099

Please make note to the Service Bulletin N°116.

The reimbursement of the warranty request will be carried out as is the normal procedure.

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

Best Regards,  
MV AGUSTA MOTOR S.p.A.  
Technical Service Department