

Hello Dimitris,
Thank you for the info.

Please follow these steps precisely and in this order if you want to disable the downshift cut:

1) Install the sensor in the ROD WITHOUT the conical washers, so the sensor only. Tighten the nut fully by hand then by about 30 degrees using a wrench. The sensor can be at either side of the rod.

2) Run the Setup Wizard and follow the instructions. After the Wizard, make sure the "Noise filtering" is set to "Active". Otherwise, please re-run the Wizard and make sure you do the shifts properly when prompted.

3) Under the "Sensor setup", tap and hold the "QSE sensor" button for about 5 seconds, until the text switches to "QSE sensor+".

Go back to the app main (1st) page.

- Check the signal for upshift: It should be a high number
- Check the signal for downshift: It should be 0 or a small number in yellow

4) Have the "First RPM" high enough, where you need the QS function working.

5) After a test ride, fine tune the settings.

6) After the first 30 miles or so, we recommend to re-tighten the nut by about 10-20 degrees.

It has to be done once after the installation.

Change one parameter at a time, in this order:

***Sensor threshold:**

- If the shift lever is too hard, adjust the threshold LOWER.
- If you experience unwanted cut-offs when touching the shift lever lightly or you hit false neutral, adjust the threshold HIGHER.

***Cut-off delay:**

This value delays the start of the engine cut to ensure proper force is built up on the shift lever. The default is 15ms.

- INCREASE this value if you occasionally hit false neutral, the gearbox drops out of gear after a shift, the cut-off occurs too early or the shift feel is inconsistent.

- DECREASE the value if the shift lever is too hard or the cut-off occurs too late.

Before changing the Cut-off delay from the default, adjust the "Sensor threshold" properly.

***Cut-off time:**

Cut-off time is the duration for which the ignition sparks or fuel injection stops.

- If you feel the bike JUMPS during a shift, INCREASE the cut-off time(s).

- If you feel the bike's front DIVES (due to engine braking) during a shift, you have to DECREASE the cut-off time(s).

Kind regards,

/Attila

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