



How to connect ECU to the bike and teach components

Fit ECU to the bike and make sure that all plugs are properly connected.

The ABS speed sensors must be fitted to the bike, check clearance of sensors and sensor rings.

If you have a non-ABS bike the speed sensor has to be fitted to the sprocket. Also the clutch switch has to be fitted to the bike or locked in pressed position.

Teach throttle position:

- **don't switch on ignition.**
 - open throttle and hold it open.
 - switch on ignition (throttle still open) ⇒ wait 3 seconds.
 - switch off ignition.
 - close throttle.
 - switch on ignition (throttle closed) ⇒ wait 3 seconds, switch off ignition.
- Throttle position is now learned to ECU.

Teach quick shifter functionality:

- put the bike on rear stand and make sure the rear wheel can spin freely.
- start the engine.
- idle rpm should be between 1400-1500 rpm. If the rpm is around 2000 rpm you have to visit your local BMW dealer and delete the adaption values ⇒ no programming possible!!!
- put in 1st gear and release the clutch ⇒ rear wheel spins and you see speed in the dashboard ⇒ wait 5 seconds.
- put in 2nd gear, release clutch and wait 5 seconds.
- put in 3rd gear, release clutch and wait 5 seconds.
- put in 4th gear, release clutch and wait 5 seconds.
- put in 5th gear, release clutch and wait 5 seconds.
- put in 6th gear, release clutch and wait 5 seconds.
- shift back to neutral and wait 5 seconds.
- quick shifter should now be activated.
- stop the engine and switch off ignition.

Additional procedure for HP4:

- put bike on side or rear stand.
- select the "SET UP" menu on dashboard and got to "DDC CAL"
- press SET button and hold it until "DDC CAL" is marked.

Now the bike is ready to race.

CONTACT