

## **BMW R1200GS MotorCycle Cruise Control order checklist.**

In order to supply an MC Cruise for these bikes we must have the following information with each order:

### **1. What is the EXACT year and model of the bike?**

*We need to know the month and year the bike was manufactured and the model number.*

### **2. What ABS version fitted to the bike?**

This determines which mounting bracket is supplied for the Cable Interface Unit.

To our knowledge, the first ABS system fitted to the R1200GS was Integral ABS (the full name is “BMW Motorrad Integral ABS (part-integral), can be switched off”). This was an optional extra; however we have never seen a bike without ABS. This is a ‘servo assisted’ braking system. If you turn the ignition switch on (don’t start the engine) and apply front or rear brake, you will hear the electric servo assistance motor whirring. All other ABS variants do NOT make the whirring noise.

In September 2006 ABS II (without "servo" assistance) was introduced and is still current to our knowledge.

*We need to know if your bike has ABS and if so which ABS version is fitted to the bike, Integral ABS or ABS II.*

### **3. What size and type of the Torx screws mount the right side front brake disk to the wheel?**

We are aware of two different type heads in disc brake mounting bolts on the R1200GS.

All models that we are aware of from the start of production to 2007 use this ‘button’ (rounded) head bolt. The recess in the head of this bolt is a T-40 ‘Torx’ fitting and the magnets we have to fit this are 4.75mm diameter x 4.75mm long.



Current bikes from 2008 have flat head bolts. The recess in the head of this bolt is a T-30 'Torx' fitting and the magnets we have to fit this are 4mm diameter x 5mm long.

*We need to know what magnets you need.  
4.75mm OD x 4.75 long magnets for the earlier T40 round head bolt.  
Or  
4mm OD x 5mm mm long magnets for the later T30 flat head bolt.*



**4. Is the bike equipped with LED or standard brake/tail light?**

Later model bikes have LED brake lights which disable the cruise control entirely unless a special resistor is installed to simulate a standard brake light.

*We need to know whether the bike has LED brake lights or a conventional light globe.*

**5. Is the bike equipped with ESA (Electronic Suspension Adjustment)?**

ESA determines which actuator mounting bracket can be supplied.

*We need to know if ESA is fitted to the bike.*

**6. Is the bike fitted with an evaporative emissions carbon canister beside the rear suspension spring/shock unit?**

The carbon canister determines which actuator mounting bracket can be supplied. Note, if your bike has ESA (previous question) this question is not relevant as the carbon canister is relocated on bikes fitted with ESA.

*We need to know if a carbon canister is fitted next to the rear spring/shock unit.*



## 7. What cruise control switch bracket do you want?

Is the bike equipped with an Auxiliary light switch on the left switch block? Do you want better access to the ABS and/or INFO buttons? A taller control switch bracket is available.

The standard bracket (part number MCS830L).



The taller bracket (part number MCS830U).



*We need to know if the standard or taller switch bracket is required.*

## 8. Roll Crimpers?

Finally, we recommend use of proper un-insulated terminal 'roll crimpers' for the installation of the 'pigtail' connections to the wiring loom – power and tach signal and brake lights on bikes equipped with a factory LED tail/brake light.

*Please indicate whether you want to buy Utilux #61 roll crimpers at a cost of \$33AUD crimpers with your kit?*

