

BMW S 1000 RR

Hire Bike Information Sheet

We hope you are excited for a great day of riding on the track. Please find information below to help you get maximum enjoyment from your BMW S 1000 RR hire.

It is important that you thoroughly read and understand all important safety points below. Once read please sign and return the last page of this document to the MEGA Performance hire team.

Important safety information:

First off you are going to be riding one of the most powerful 1000cc sports bikes currently on the market, with over 180hp it can be a real track weapon...however power is nothing without control, and the BMW S1000RR has a lot of electronic aids or 'safety nets' to make your ride much safer and enjoyable.

This does not mean that the bikes cannot be crashed! Please read the following carefully and gain a full understanding of these points BEFORE getting on the motorcycle for your first session. If you have any questions at all, please speak with a MEGA Performance staff member.

Tyre temperature

Cold tyres are one of the leading causes of race track crashes. Even with class leading electronics, cold tyres can bring even the best riders undone. It is important that you manage your tyres temperature not only throughout the day but also the session.

How to manage tyre temperature:

- **Never assume the tyre is hot.** Riding styles and speeds vary, this means different amounts of heat will be generated ride to rider. Even if the bike has just come in off the track check how much heat is in the tyre.
- **Physically feel how much heat the tyre has.** With a gloveless hand, it is a good idea to physically feel the front and rear tyres before you go out to get an idea on how much heat you are starting the session with. Feeling not only the centre but also left and right sides is important as the tyre will not heat evenly, at both Phillip Island and Sydney Motorsport Park the tyre will heat up more on the left side. Feeling the tyre after your session will give you an idea of the heat you need in the tyre. You should not be able to hold your hand on a "hot" tyre for more than a few seconds.
- **Build heat gradually.** The way to heat a tyre is by gradually increasing the amount of force you put through it. Each lap, lean it over a little bit further, brake and accelerate a little bit harder. A cold front tyre will give no warning if its current traction limit is exceeded, be sure to build it up gradually.



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ABS and DTC

The S 1000 RR comes equipped with Race ABS and DTC (Dynamic Traction Control). When you start up the bike you should see two flashing lights on the dash, this indicates that both these "safety nets" are active. They will go out as soon as the bike starts moving.

Race ABS:

- Whilst the bike is near vertical the rider can apply 100% front brake pressure without losing any front end stability. However the laws of physics dictate that at steeper lean angles this is not the case.

Dynamic Traction Control:

- The DTC system is very sensitive and will detect rear wheel spin/slip almost instantly (wheel speeds are measured over 300 times per second). However you can still crash the bike from a rear end lose. At steeper lean angles aggressive acceleration can cause a lateral slide which will take slightly longer for the DTC to pick up than a rear wheel spin.

Both the Race ABS and the DTC systems are in the background as a safety net for when things don't go to plan. Do not rely on them on a corner by corner basis, even with these systems the bike is still crashable. The best results are achieved by good rider input through smooth throttle and brake applications.

WARNING: if at any point in your session you notice either the ABS or DTC light is illuminated on the dash, come in immediately and inform a MEGA Performance staff member. This indicates the illuminated system is not active. **Turning off either DTC or ABS will void your maximum \$5000 damage clause on your hire contract, and you will be liable for all damage caused up to and including full replacement cost of the motorcycle.**

Riding modes

The riding modes available for hire bike users are either "rain" or "sport" ("race" mode will not be used). You will see the modes displayed in the lower left area of the LCD display. You are allowed to run whichever mode you prefer, however riding modes can only be changed by a MEGA Performance staff member.

Rain Mode:

- Rain mode is ideal in situations when traction is compromised such as a wet track. In this mode the bikes power is reduced and the electronics are tuned for additional safety. It does not have to be wet to ride in rain mode, it is also ideal for the conservative ride that prefers to ride the bike with more safety nets around them. It is recommended that ALL riders begin in Rain Mode for at least their first session

Sport Mode:

- Sport mode is for conditions with ideal traction. In this mode the bike has full horsepower (193hp at the crank or 183 at the rear wheel) and the electronics are set to normal" levels.



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Additional features:

The S 1000 RR is fitted with some features that are sure to make your riding experience more enjoyable.

Quick shift

The RR also comes standard with a quick shift system, which allows for high performance up shifts without the use of the clutch. Only a few years ago it was unheard of having quick shift on a production bike, it was only fitted as an accessory to race or track bikes. The BMW quick shift system works for both up and downshifts, at any rpm. For upshifts, ensure there is some acceleration input – not necessarily hard acceleration, just positive throttle – then simply up shift the gear lever without using the clutch and without backing off the throttle. For downshifts, it is the exact opposite. Ensure the throttle is completely closed, then simply push down the lever for the smoothest downshift you will ever experience!

NOTE – We encourage you to utilize quick shift during your sessions for all gear changes. The best way to understand quick shift and to ensure you utilize it, is to shift from 1st to 4th gear at low rpm as you leave the pits. Once you feel the sensation you will generally keep using it for the rest of your session.

Shift light

The RR also comes standard with a shift light, that flashes as the revs approach the ideal upshift zone. The light is designed to be large and bright, so you don't have to look for it. Your peripheral vision should pick up the flashes and then you can use quick shift to grab the next gear.

Heated Grips

There are 3 settings that are visible on the LCD display and adjustable through a button on the right side switch block. The LCD icon is a grip with 1 dot for low, two dots for high. No display shows the heated grips are turned off.

If you have any questions about the S 1000 RR hire bikes or about any of the information you have just read please see a MEGA Performance staff member for assistance.

For more information on safer riding please see a staff member so they can refer you to the California Superbike School first timers coach.

Hire bike important safety information agreement.

I _____ agree that I have read and understand all the safety points outlined in the BMW S 1000 RR Hire Bike Information Sheet.

Signed _____

Date _____



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