Combined ABS
〈CBR1000RR ABS〉

This model is equipped with Combined ABS (Combined Anti-lock Brake System).
When the ignition switch is turned ON, the system performs a self-analysis and when the vehicle speed reaches 10 km/h (6 mph) the system starts to operate and remains on while riding. Combined ABS is self-checking.

Combined ABS is an electrically integrated system consisting of the Combined Brake System and Anti-lock Brake System. Combined ABS controls braking force by accurately monitoring the amount of force applied to the brakes and wheel speed. It balances the front-to-rear braking distribution, and has an anti-lock function designed to help prevent wheel lock up during hard braking. Moreover, Combined ABS helps provide more riding stability when braking hard and suddenly. Although the wheel may not lock up, if you are braking too hard in a turn, the motorcycle can still lose traction causing a loss of control. In general, you'll achieve the best results by braking while running in a straight line.

Even if the front brake lever and the rear brake pedal are operated independently, the brake force is distributed appropriately to the front and the rear. However, for full braking effectiveness, use both the lever and pedal simultaneously, as you would with a conventional motorcycle braking system.

In some situations, a motorcycle with Combined ABS may require a longer stopping distance to stop on loose or uneven surfaces than an equivalent motorcycle without Combined ABS.

Combined ABS cannot make up for road conditions, bad judgment, or improper operation of the brakes, and cannot stop rear wheel lift completely. It is still your responsibility to ride at reasonable speeds for weather, road surface, and traffic conditions, and to leave a margin of safety.