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2012 Maserati GranTurismo S: focus on Maserati performance and technology by [R Passione](#)

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The 2012 Maserati GranTurismo S is one of the sportier Maserati Coupe ever built by the Trident automobile marque and it has been developed for the true driving enthusiasts wishing a distinctive car that is both thrilling to drive and stylish.

The GranTurismo S is powered by a Ferrari 4.7 liter V90 Å° eight cylinders engine which generates 433 bhp at 7,600 rpm and gives the car superb performance, responsiveness and personality. Maximum torque is 361 lb-ft at 4,750 rpm. The deep and full sound of the GT S engine can be appreciated thanks to the sport exhaust system, which dynamic controls prevent the engine noise to interfere with the on-board comfort and silence.

The new 6-speed paddle-shifted transmission is integrated into the rear axle whether the GT S gearbox is essential to secure high performances. The exhaust is composed by two steel headers with two pneumatic valves located near the silencers and electronically controlled by the engineâ€™s computer. When in â€œSportâ€• mode at 7,600 rpm, the V8 engine generates its full potential of 433 bhp.

The Maserati GranTurismo Sâ€™™ electro-actuated gearbox has six speeds, a twin plate clutch with triple cone synchronizers on the first and second gear in addition to double cones on gears. The electro-actuated transmission can be used automatic or manual. When in manual mode the gear changes are fully controlled by the driver, hence it is a driving style best suited for those preferring sportier and more involving driving experience, wishing to exploit the most of the carâ€™™s performance. The automatic mode provides a smoother and more relaxing drive as it is the system deciding when to change gear and at which revs.

The MC-shift gearbox technology is software allowing super-fast gear change times and represents one of the greatest innovations on the electro-actuated system mounted in the Maserati GranTurismo S. Available only when changing up in Manual Sport mode, MC-Shift changes can be made above 5,500 revs and with the accelerator pedal over 80%.

The Maserati GT S transaxle set up further improves the car weight distribution, which is unique in its category with 47% front /53% rear. Such optimal weight distribution improves traction during acceleration and braking, conveying the GT S exceptional balance through turns.

The sporty character is conveyed by Pininfarinaâ€™™s modern lines whether the carâ€™™s details make it unique: features include a refined trunk spoiler, 20â€™• wheels with Trident spokes and the red Trident logo that mirror the brake caliber color.

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