



GranTurismo **MC** *Stradale*



Technical Presentation

January 2011

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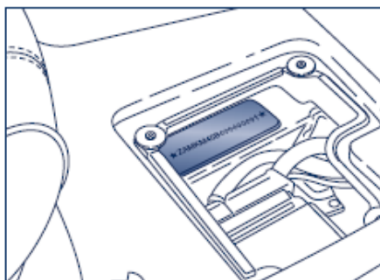
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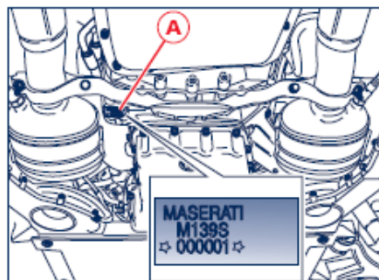
0. General information

Model code:	M145 OL
Engine code:	F136YK
Place of production:	Modena - Italy
Production start:	December 2010
Start of sales:	From January 2011 (depending on the market)

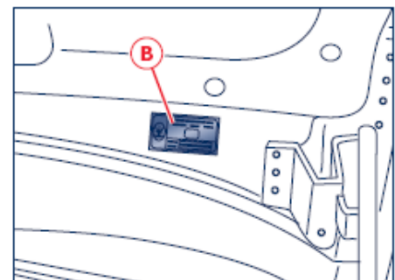
VIN code and identification label positions



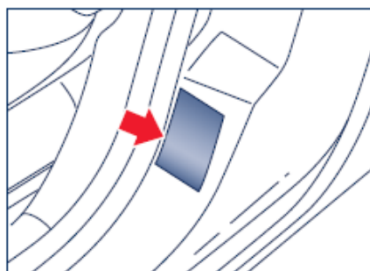
VIN code on the right-hand side of the chassis



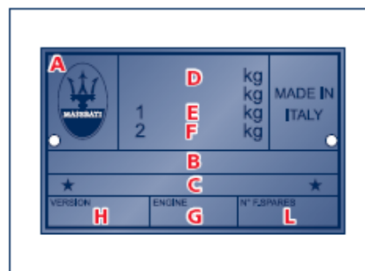
Punched engine identification Number



Body colour identification label in proximity of the lid hinge



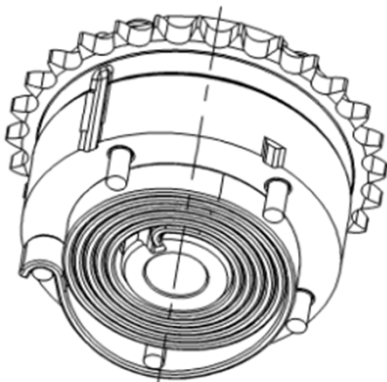
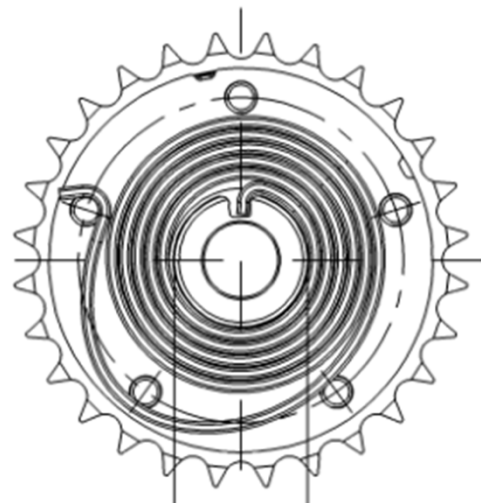
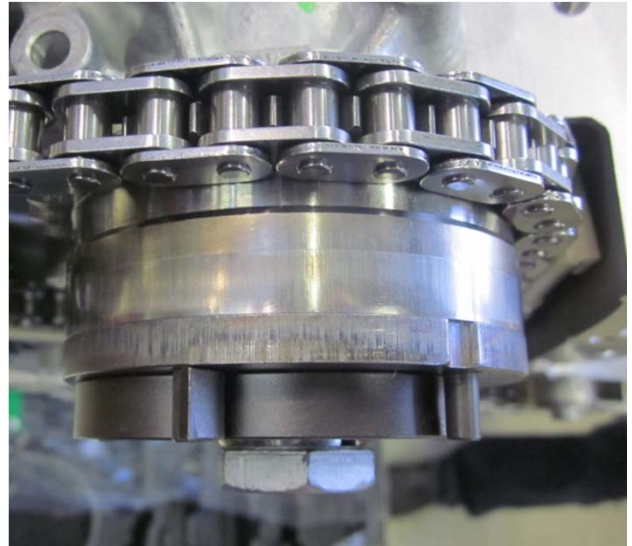
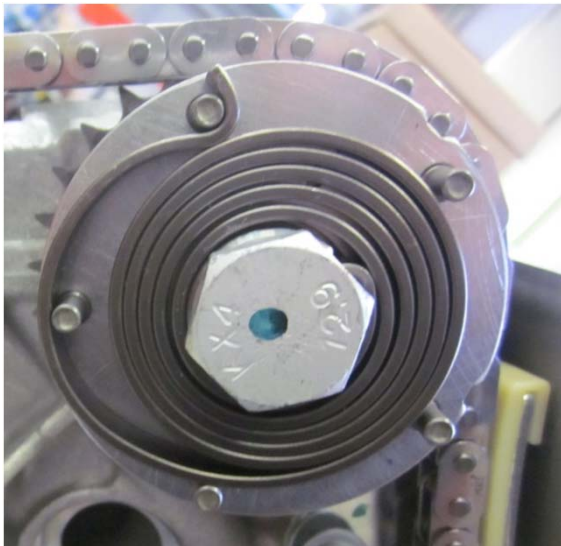
Identification label on the door opening



- A.** Manufacturer's logo
- B.** Homologation number
- C.** VIN
- D.** Maximum capacity
- E.** Maximum capacity on the front axle
- F.** Maximum capacity on the rear axle
- G.** Engine type
- H.** Vehicle version code
- L.** Assembly number

“INA” timing variators

The MC Stradale engine is equipped with INA timing variators introduced for the entire Maserati range as of engine number **150070**. The timing variators have an angular excursion of 50°. For the timing values, see page 20.

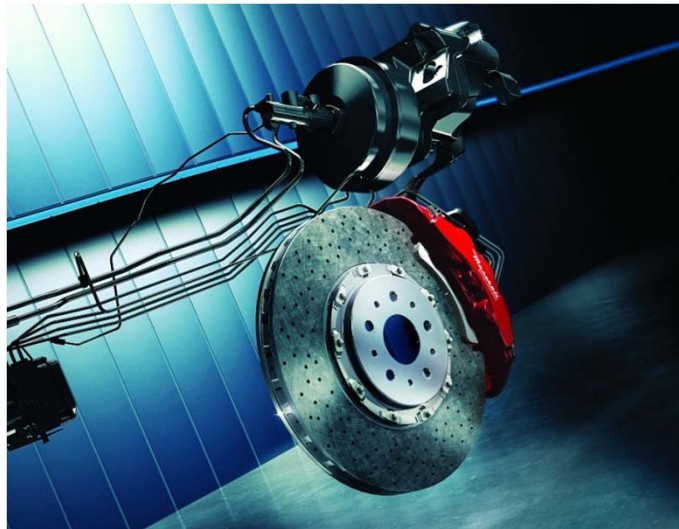


If the component is replaced, operate as indicated for tightening:

- **Lubricate the M14 bolt thread of with engine oil**
- **Tighten to a torque of 50 Nm + 70°**

4. Braking system

The Maserati MC Stradale is the first Maserati equipped with a braking system with carbonceramic discs (CCM) on the four wheels as standard. This has various advantages compared to the conventional system. The greater braking efficiency allows reducing the stopping distance from 100 km/h to 0 km/h from 35 to 33 metres.



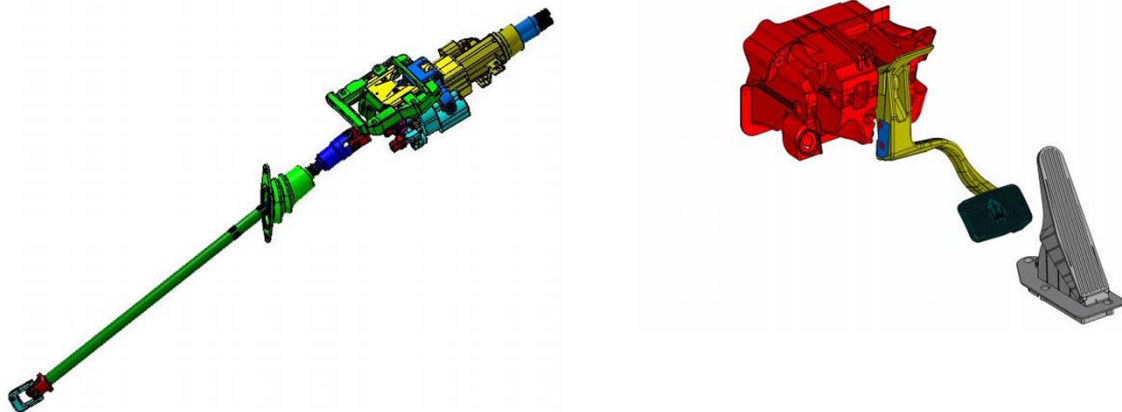
- Tandem brake master cylinder, vacuum brake servo (booster), separate hydraulic brake circuit with cross layout.
- Front axle: Single-piece aluminium brake calipers with 6 pistons of different diameter. Ventilated and perforated brake discs obtained with CCM technology, diameter x thickness **380 x 34** mm. The single-piece brake calipers are more resistant to deformation than compound brake calipers, which means that lighter materials can be used, thus reducing the component weight. In addition, the brake calipers are more efficient at any operating pressure and the brake pedal stroke is hence shorter.
- Rear axle: Single-piece aluminium brake calipers with 4 pistons of different diameter. Ventilated and perforated discs, diameter x thickness **360 x 32** mm.
- Electronically-controlled "Drum in Hat" parking brake (EPB) with "auto-apply", "drive-away" and "pre-release" functions.

	Front	Rear
Material	carbon	carbon
Disc dimensions (mm)	380	360
Thickness (mm)	34	32
Surface (Cm ²)	135	77
Effective radius (mm)	158.8	152.2
Caliper type	6 pistons	4 pistons

5. Driving controls

The driving controls, such as the steering system and the pedals, come from the GranTurismo models. The system features the following:

- Steering diameter (from pavement to pavement): 11.8 m.
- Steering wheel height and depth manually adjustable: standard.
- Steering wheel height and depth electronically adjustable: not available.
- Electronically-controlled hydraulic brake servo assist (same tuning as the GranTurismo)
- Multifunction steering wheel with gearshift paddles on the steering column, coming from the Quattroporte/GranTurismo models.
- Several finishing options are available for the steering wheel: for the steering wheel rim there is a choice of different colours and materials.



The driving controls, such as the steering system and the pedals, derive from the GranTurismo models.



The steering wheel is available in a wide range of finishes and colours

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