

Gargash Enterprises reveals the all new 2010 Mercedes-Benz E-Class Cabriolet at the Dubai International Boat show.

The highly appealing and emotionally charged Cabriolet is the latest addition to the successful Mercedes-Benz E-Class line-up. The open-top two-door model features a classic fabric soft top, making for a stylistically pure cabriolet feeling. Viewed from the side, the new model is an intriguing proposition – with its clear proportions and a flawless cabriolet silhouette.

New features include:

The **AIRCAP®** automatic draught-stop: always on board and easily controllable at the push of a button, it reduces turbulence substantially for all four seat occupants. AIRCAP® consists of two components: a wind deflector that can be extended by around six centimetres with a net in the windscreen frame and a draught-stop between the rear seats.

The functions of the two components:

- Elevation of the free flow above the interior
- Net at the front increases the basic pressure in the interior
- Draught-stop at the rear reduces the backflow

As well as enhancing occupant comfort and wellbeing, the reduction in draught when AIRCAP® is activated (it can be activated at speeds of up to 160 km/h and remains in use right up to the car's top speed) reduces the interior noise level – so passengers in all seats find it far easier to communicate.

The soft top can be opened and closed fully automatically within 20 seconds – even when driving at speeds of up to 40 km/h. The cabriolet roof is stowed in a special compartment behind the rear panel.

An overview of the engines:

- E 250 CGI Cabriolet: 150 kW/204 hp
- E 350 CGI Cabriolet: 215 kW/292 hp
- E 500 Cabriolet: 285 kW/388 hp

The Cabriolet Comfort package includes AIRCAP® with AIRSCARF®. This patented system functions like an invisible scarf, which warms the occupants' head and neck areas. AIRSCARF® is integrated into the backrests of the front seats and provides warm air through outlets in the head restraints.

The Mercedes engineers have modified this unique innovation specifically for the E-Class Cabriolet: in this model, an adjustment wheel pivots the outlet nozzle upwards and downwards by a total of 36 degrees over and above the head restraint height adjustment, meaning that the driver and front passenger can enjoy the unique neck-level heating regardless of how short or tall they are.

Safety: robust structure, anticipatory protection and windowbags

The new Cabriolet offers the wealth of safety innovations one would expect from a Mercedes model. Highlights of the open-top two-door model include roll-over protection, the A-pillars reinforced by two additional tubes and the plug-in B-pillars. This new model is also the first Mercedes cabriolet to feature headbags.

The roll-over protection consists of two robust bars, each with a diameter of 35 mm, which are housed in the rear head restraints in modules behind the rear seat backrests. A tilting cone sensor detects imminent danger to the occupants based on extreme skidding movements or acceleration caused by impact. If this sensor then sends a corresponding signal, pre-tensioned pressure springs are activated by pyrotechnic means, i.e. extremely quickly.

Consequently, both roll-over bars in the rear head restraints are extended. They reach their highest point and are locked automatically within a fraction of a second. In combination with the robust A-pillars, each of which is reinforced with two high-strength steel tubes, the steel bars provide highly effective roll-over protection.

The plug-in B-pillars are extremely robustly connected as they engage in the side skirts, thus offering highly effective protection in the event of a crash. A shoe made from ultra-high-strength steel braces the inside of the B-pillar against the rear seat crossmember.

With seven airbags fitted as standard, belt tensioners and belt force limiters for all seats, not to mention crash-responsive head restraints for the driver and front passenger, the new E-Class Cabriolet offers the most extensive safety equipment package in this vehicle category. The airbags, which can deploy in milliseconds in the event of an accident, include front airbags and sidebags for the driver and front passenger, a kneebag on the driver's side, and headbags. The latter, which appear in a Mercedes cabriolet for the first time, are housed in the door panelling in the beltline area. Covering a wide area – around 0.7 x 0.5 metres with a volume of 17 litres when deployed – the airbags provide extremely effective protection for occupants large and small in the event of a crash.

The three-part side protection system – comprising headbag and thoraxbag – optimises the level of protection afforded to individual parts of the body. Rear sidebags are available as an option.

Further exemplary safety equipment available for the E-Class Cabriolet includes ATTENTION ASSIST drowsiness detection, PRE-SAFE® anticipatory occupant protection, the sophisticated Intelligent Light System, the Active Bonnet and DISTRONIC PLUS proximity control.

Contact Gargash Enterprises today to book your test drive. 800 4416

