Driving Dynamics Control Systems

Resolution of the Executive Board of 07.11.2005 based on the recommendation of the Committee of Vehicle Engineering

Explanation

Driving dynamics control systems (e.g. ESP) help the driver controlling their vehicle in critical situations or preventing the vehicle from skidding, which is of definite consequence in the event of an accident.

The use of driving dynamics control systems contributes to cutting the number of accidents, and to reducing the severity of injuries suffered in accidents. This was proven though various studies. Automotive manufacturers now fitting vehicle dynamics control systems in their vehicles confirm that the effect is a massive reduction of up to 42 % (and up to 80 % when skidding would occur) of driving accidents or single-vehicle crashes. A Swedish study concludes that 22 % is a fair estimate of the effectiveness of vehicle dynamics control systems in the event of accidents involving bodily harm, in which ESP can play a role. The effect on wet or slippery road surfaces was shown to be significantly higher than that figure. Furthermore, published studies particularly emphasize the positive effect of vehicle dynamics control in SUVs.

Recommendation

“The German Road Safety Council demands the installation of driving dynamics control systems in all new multitrack vehicles. Just like airbags, driving dynamics control systems should be seen as indispensable safety equipment even in small cars. Therefore we ask the Federal Minister for Transport, Construction and Housing to take effective measures to promote on a Europe-wide level the installation of such control systems.”

For the board:

signed

Dr. Walter Eichendorf
Präsident
Literature


