

# Tranzinfo HotTopic

Number 4 2006

## Electronic Stability Control

A selection of recent publications on electronic stability control or ESC

Contact your organisation's library to obtain copies of those items not available online.

- 1. The effectiveness of ESP (Electronic Stability Program) in reducing real life accidents**  
Lie A, Tingvall C, Krafft M, Kullgren A  
Traffic Injury Prevention 2004  
Volume 5, Number 4, pages 317-325  
This study aimed to evaluate the statistical effectiveness of ESP using data from accidents that occurred in Sweden during 2000 to 2002. To control for exposure, induced exposure methods were used, where ESP-sensitive to ESP-insensitive accidents and road conditions were matched.
- 2. Effect of electronic stability control on automobile crash risk**  
Farmer C A  
Traffic Injury Prevention 2004  
Volume 5, Number 1, pages 37-41  
Per vehicle crash involvement rates were compared for otherwise identical vehicle models with and without ESC systems. ESC was found to affect single-vehicle crashes to a greater extent than multiple-vehicle crashes, and crashes with fatal injuries to a greater extent than less severe crashes.
- 3. Preliminary results analyzing the effectiveness of electronic stability control (ESP) systems : NHTSA Evaluation Note**  
Dang J N  
September 2004  
Report number DOT HS 809-790  
5 pages  
This study indicates percentage reduction in single vehicle crashes for passenger vehicles and SUVs equipped with ESC.  
Item online (accessed 30 March 2006) at: [Click here](#)
- 4. Real world crash evaluation of vehicle stability control (VSC) technology**  
Bahouth G  
49<sup>th</sup> Annual Proceedings, Association of Automotive Medicine, Sept 12-14, 2005  
16 pages  
This study identified the reduction in crash involvement for vehicles equipped with the VSC compared with crash involvement for the same vehicle platforms before the technology was offered as standard equipment.  
Item online (accessed 30 March 2006) at: [Click here](#)

**5. Potential effectiveness of electronic stability programs (ESP) – What European field studies tell us**

Sferco R, Page Y, Le Coz J-Y, Fay, P A

17<sup>th</sup> International Technical Conference on the Enhanced Safety of Vehicles, Amsterdam, June 4-7, 2001

10pages

Based on data from the European Accident Causation Survey, this paper evaluates the potential effectiveness of ESP if it was installed more widely.

Item online (accessed 30 March 2006) at: [Click here](#)

**6. Electronic stability control can help avoid disaster**

Status Report 3 January 2005

Volume 40, Number 1, pages 1-4

Study explains how ESC works, in which situations it is most effective and outlines the IIHS findings on the effectiveness of ESC.

Item online (accessed 30 March 2006) at: [Click here](#)

**7. Aussie drivers on the skids over swerve control**

Bourke J

Royalauto March 2006, page 60

Cars featuring ESP are not common in Australia. Do Australian drivers know enough about it?

**8. Electronic stability program (ESP)**

RACV website

Includes list of vehicles in Australia with ESP

Item online (accessed 30 March 2006): [Click here](#)

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