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## Chapter 10 - Advanced Automotive Technology Test Questions and Answers

Anti-lock brakes - - Answer-designed to allow steering and simultaneous braking without losing vehicle balance - shorten stopping distances on wet surfaces where traction loss can be a serious problem; do not shorten stopping distance on dry pavement

What is traction control designed to do? - Answer-activate brake sensors which don't allow wheels to spin - reverse of anti-lock brakes

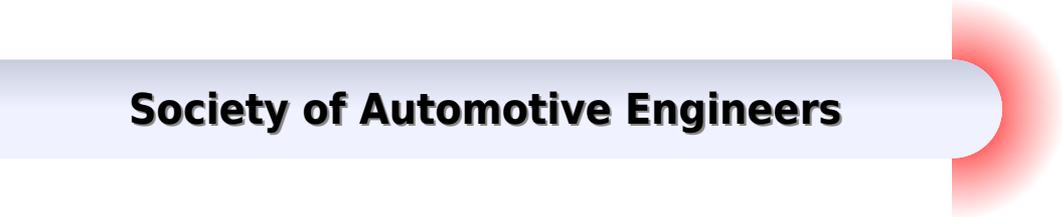
What does suspension control do? - Answer-adjusts vehicle balance at struts or shock absorbers through adjustment of fluid or air pressure when too much weight is suddenly transferred to a given shock or strut

Electronic Stability Program (ESP) - Answer-compares where a driver is steering the vehicle with where the vehicle is actually going; when it senses a difference between the two, it selectively applies any one of the car's brakes to reduce the discrepancy and help the driver retain control and stability

When does the Electronic Stability Program (ESP) activate? - Answer-Activates when the vehicle is not going in the directions it is being steered

# Chapter Questions And Answers For Automotive Technology

**Society of Automotive Engineers**



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*Fundamentals of Automotive Technology* Kirk VanGelder, Kirk T. VanGelder, 2022-02-23 *Fundamentals of Automotive Technology Principles and Practice Third Edition* is a comprehensive resource that provides students with the necessary knowledge and skills to successfully master these tasks **Fundamentals of Automotive Technology**

Vangelder, 2017-02-24 Revised edition of *Fundamentals of automotive maintenance and light repair* Kirk T VanGelder 2015 *Automotive Computer Systems: Shop manual* Don Knowles, Jack Erjavec, 1996 English for Vocational Purposes Averil Coxhead, Jean Parkinson, James Mackay, Emma McLaughlin, 2019-09-12 *English for Vocational Purposes* provides a linguistic description of English in the context of the trades and investigates how this specialist language is used in real world contexts As the demand for English speaking workers in the trades grows internationally a major gap in the research on language in the trades is evident Based on courses in construction and engineering at a polytechnic in New Zealand this book offers an empirical response to this gap in research Features of this book include new research on linguistic features of written and spoken texts in trades education with a special focus on discourse visual elements of written texts and vocabulary real life examples of the language in context along with implications for teaching and learning and a chapter devoted to putting research findings into practice qualitative and quantitative data to support examples and shed light on the most complex aspects of English as a trades language supplementary material online which includes technical word lists in areas of carpentry plumbing automotive technology and fabrication welding Paving the way for a new research agenda in the field of ESP *English for Vocational Purposes* is key reading for advanced students researchers and practitioners in the areas of ESP trades education and vocational education *Classroom Manual for Automotive Suspension and Steering Systems* Don Knowles, 1994 Complete Coverage of Automobile Steering and Suspension Systems Outlined according to ASE NATEF tasks CM SM completed cross referenced with theory in CM and hands on shop approach **Automotive Technology - Lti Edition** Jack Erjavec, 1993-09 **Resources in Education** , 1980 Today's Technician Layne Eichorn, Lane Eichhorn, Jack Erjavec, Drew Corinchock, Ken Layne, 1995 This volume of the Today s Technician Series details the latest technology in brakes systems as well as thorough coverage of environmental and safety issues *Today's Technician* Don Knowles, Donald Knowles, Jack Erjavec, 1996 Following the integrated approach of the Today s Technician Series students will gain a comprehensive understanding of all types of automotive computer systems with this state of the art resource Numerous exercises complete with ASE checklists makes this package ideal for preparing for ASE certification It offers a complete overview of systems including engine control transmission brakes suspension and steering plus the latest information on oscilloscopes can testers and OBD II ALSO AVAILABLE INSTRUCTOR SUPPLEMENTS CALL CUSTOMER SUPPORT TO ORDER Instructor s Guide ISBN 0 8273 6885 2 Classroom Manager ISBN 0 8273 7585 9 KEY WORDS AUTOMOTIVE ELECTRICITY **Automotive Electrical Equipment: Construction, Operation, and Maintenance** William Harry

Crouse,1971 *Advanced Automobile Engine Performance* James D. Halderman,Chase D. Mitchell, Jr.,Corey W. Glassman,1997-11 Based on the premise that simple problems should always be checked first this practical hands on book introduces the diagnosis and troubleshooting of automotive engine control systems Automotive Industries ,1928

**Automotive Tune-up Procedures** William L. Husselbee,1983 *The Complete Idiot's Guide to Trouble-free Car Care* Dan Ramsey,1996 Demystifies the common car describing how it works and what owners can do to keep it running covering topics under the three general areas of understanding the car maintenance and repair with illustrations tip boxes and glossary of terms **Instructor's Manual** Johansson,1996-11 *Automotive Electricity and Electronics* Barry Hollembeak,Jack Erjavec,1997 This outstanding text offers a comprehensive understanding of automotive electricity and electronics The student learns about electrical and electronic systems as they are outlined in the ASE tests Details on electrical components circuit diagrams OBD II Systems digital storage oscilloscopes lab scopes and automatic restraint systems are covered The unique two book format presents theory and practice with ample cross references to increase learning and retention **Evaluating Occupational Education and Training Programs** Tim L. Wentling, Tom E. Lawson,1975 Monograph on the evaluation of vocational training programmes covers the design of an evaluation system the measurement of trainee performance the use of follow up studies the evaluation of trainers and training officers etc Diagrams and references *Automotive Principles and Service* Frank J. Thiessen,Davis N. Dales,1994 The Journal of the Society of Automotive Engineers Society of Automotive Engineers,1920 Journal of the Society of Automotive Engineers ,1922 Vols 30 54 1932 46 issued in 2 separately paged sections General editorial section and a Transactions section Beginning in 1947 the Transactions section is continued as SAE quarterly transactions

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