

Allison Automatic Transmission Fault Codes

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Allison Transmission 3000/4000 series fault code list ...

At the same time, the memory of the electronic control unit of the automatic transmission "ALLISON" (TCM, ECU) stores error codes that can be read either using the gear selector (up to 5 errors) or using the Allison DOC diagnostic program. Error codes make it possible to prevent global breakdowns of the ALLISON automatic transmission and to understand the algorithm for further troubleshooting at early stages.

Allison Transmission Fault Codes, Troubleshooting - Wiring ...

Allison Transmission 3000/4000 series fault code list Allison Transmission PDF Service Manuals Automatic transmissions Allison 3000 and 4000 Series with electronic control Gen4 Error code Description Lamp Check Trans Reaction control system C1312 Low voltage signal to the inclusion of retarder Off. Retarder is not included

Allison Transmission 3000/4000 series fault code list

DNS , automatic transmission is blocked on the current transfer. P0717. No turbine wheel speed sensor signal. On. DNS , automatic transmission is blocked on the current transfer. P0719. ABS brake signal low. off. Takes ABS off. P071A. Incompatible RELS Input. On. RELS function is disabled. P071D. Incorrect special function input (wire 101 and 142) On-P0721

Allison Transmission Fault Codes - errors-codes

Title: File Size: Download Link: Allison Transmission 1000 and 2000 Product Families Troubleshooting Manual.pdf: 13.9Mb: Download: Allison Transmission 1000 and 2000 Series Fault Codes List.pdf

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Allison codes. Oil level sensor tunctioning proper y. Oil level will be displayed at the end of the two-minute countdown. During the countdown, the display flashes and a count down occurs reducing by one digit every 15 seconds. (8, 7, 6, 5, 4, 3, 2, 1) NOTE: Failure to meet any of the above conditions will stop the two- minute countdown.

Allison codes - MWRENCH

The fault codes that may be encountered are shown in the Fluid Level Fault Codes tables: • HIG FLUID LEVEL- "oL" is displayed (represents "Fluid (Oil) Level Check Mode") followed by "HI" ("HI" represents "High Oil Level") and the number of quarts the transmission fluid is overfilled.

SHIFT SELECTOR OPERATION AND CODE MANUAL How to use the ...

Do you have diagnostic trouble codes (DTC's) and need ALLISON AT troubleshooting information? The Transmission Rebuilders Network is the place where the industries best transmission rebuilders work together to help solve the most complex automatic transmission problems.

ALLISON AT transmission troubleshooting help, ALLISON AT ...

Allison Transmission (NYSE: ALSN) is the world's largest manufacturer of fully automatic transmissions for medium- and heavy-duty commercial vehicles and is a leader in hybrid-propulsion systems for city buses.

Allison Transmission Home

Allison Transmission is dedicated to providing our customers and technicians with the latest technical information and resources. All Allison Authorized facilities have the right tools, training and parts. Given their extensive experience and knowledge, they are always your first choice to properly service your Allison Automatic.

Tools and Diagnostics - Allison Transmission

This code typically sets in conjunction with one or more of these codes: P1760, P0562, P0561, U1000, U1301, U1305, U2105 and P1571. P0880 will set if the TCM loses power before the drive cycle is completed. If a P0880 is set, inspect: • Battery voltage feed to the TCM.

Common Codes and Corrections for the Allison LCT

SPECIAL NOTES: Non-professional mechanics should note that diagnosing code P0614 - "Engine control module (ECM)/transmission control module (TCM) -mismatch", almost always requires the use of advanced, dealer-grade diagnostic equipment. While this code is frequently caused by the failure of the PCM, it can also be caused by a failure of the TCM (Transmission Control Module, or by wiring faults in the CAN (Controller Area Network) bus system, which cannot be accessed by cheap, generic ...

P0614 - Engine control module (ECM)/transmission control ...

P0700: Transmission Control System Malfunction The TCM is responsible for relaying fault codes that turn on the vehicle's "check engine" light. The P0700 code indicates that there is a problem with the TCM which prevents it from turning on the light. This code is produced by vehicles with an automatic transmission.

Diagnostic Transmission Error Codes: What Do They Mean?

The Transmission Control Module (TCM) of your Allison Automatic monitors the transmission's electronic controls; and when a problem condition is detected, it: - Restricts shifting - Illuminates the CHECK TRANS*light on the instrument panel - Registers a diagnostic code Continued illumination of the CHECK TRANSlight during vehicle operation (other than start-up) indicates that the TCM has signaled a diagnostic code.

SHIFT SELECTOR - Truck

ALLISON TRANS FAULT CODE D12312 WHAT IS IT - Cars & Trucks question. Search Fixya ... Fault codes for Allisons Transmission - https: ... 3 Speed Automatic Transmissions. RPO Trans Name 1st 2nd 3rd M40 M41 M65 MD2 MD3 HM-180 HM-200C HM-350 HM-400 GM Front Wheel Drive Transaxles ...

SOLVED: ALLISON TRANS FAULT CODE D12312 WHAT IS IT - Fixya

Allison Transmission service outlet for the currently applicable publication. Additional copies of this publication may be purchased from authorized Allison Transmission service outlets. Look in your telephone directory under the heading of Transmissions - Truck, Tractor, etc. Take time to review the Table of Contents and the manual.

3000 AND 4000 PRODUCT FAMILIES ... - Transmission

Published on Nov 20, 2010 http://schoolbusmechanic.blogspot.com Allison Transmission Codes will show up if there is a fault in the communication from the trans and the ECU. Disconnecting the output...

HEAVY DUTY TRUCK SYSTEMS, 5th EDITION is a best-selling introduction to servicing medium-and heavy-duty trucks, providing a strong foundation of content on Electricity and Electronics, Power Train, Steering and Suspension, Brakes, and Accessories Systems. The fifth edition has been updated throughout including an introduction to Eaton DM clutches and comprehensive coverage of Caterpillar's new highway vocational transmission, updates of electricity and electronics to cover new battery technology, and coverage of new FMVSS 121 (2009) stopping distance for semi-combinations. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Fundamentals of Medium/Heavy Duty Commercial Vehicle Systems, Second Edition offers comprehensive coverage of basic concepts and fundamentals, building up to advanced instruction on the latest technology coming to market for medium- and heavy-duty trucks and buses. This industry-leading Second Edition includes six new chapters that reflect state-of-the-art technological innovations, such as distributed electronic control systems, energy-saving technologies, and automated driver-assistance systems.

The most complete visual guide to servicing medium- and heavy-duty truck systems Written by an expert with decades of experience as an automotive and diesel technician and instructor, Truck and Trailer Systems offers comprehensive information on medium- and heavy-duty truck service. The book begins by discussing the trucking industry, professional certifications, safety, tools, and measuring equipment. Then, each system is thoroughly covered--from electrical and lighting to brakes and transmissions. Factory procedures from the most common manufacturers for diagnosis and repair are presented along with annotated photos and diagrams. This practical, authoritative resource is essential for those starting out in the field as well as experienced professionals in need of a detailed, on-the-job reference. Chapters include: Objectives Notes Cautions Service tips Photos and diagrams Chapter reviews Truck and Trailer Systems covers: Industry safety Basic electrical Magnetism Batteries Starting system Charging system Lighting and wiring Computer systems Mobile heating, ventilation, and air-conditioning systems Tires, wheels, and wheel end systems Frames and suspensions Steering systems Trailers and fifth wheels Hydraulic brake systems Air brake foundation brakes Air brake air systems Antilock brake systems Drive lines Clutches Drive axles Single and twin countershaft manual transmissions Automated manual transmissions Automatic transmissions Allison transmission overhaul PMI Auxiliary power units

Automotive Automatic Transmission and Transaxles, published as part of the CDX Master Automotive Technician Series, provides students with an in-depth introduction to diagnosing, repairing, and rebuilding transmissions of all types. Utilizing a "strategy-based diagnostics" approach, this book helps students master technical trouble-shooting in order to address the problem correctly on the first attempt.

Thoroughly updated and expanded, Fundamentals of Medium/Heavy Diesel Engines, Second Edition offers comprehensive coverage of basic concepts and fundamentals, building up to advanced instruction on the latest technology coming to market for medium- and heavy-duty diesel engine systems.

A practical medium- and heavy-duty truck systems Featuring more than 100 in-depth lab exercises, this hands-on guide provides the practice you need to succeed as a medium- and heavy-duty truck service technician. The labs meet and exceed NATEF standards. Every system is thoroughly covered--from electrical and lighting to brakes and transmissions. Each lab includes: Objective of the lab Safety precautions Tools needed to complete the lab Challenging review questions help to reinforce the topics covered and are patterned after the typical questions found on the ASE Medium/Heavy Duty Truck Certification tests (T3 through T8). Written by an expert with decades of experience as an automotive and diesel technician and instructor, this lab manual is the perfect companion to the comprehensive text, Truck and Trailer Systems. Truck and Trailer Systems Lab Manual covers: Vehicle identification numbers Engine, transmission, and drive axle ID tag numbers Safety Tools and measuring equipment Basic electrical Magnetism Batteries Starting system Charging system Lighting and wiring Computer systems Mobile heating, ventilation, and air-conditioning systems Tires, wheels, and wheel end systems Frames and suspensions Steering systems Trailers and fifth wheels Hydraulic brake systems Air brake foundation brakes Air brake air system Anti-lock brake systems Drive lines Clutches Drive axles Single and twin countershaft manual transmissions Automated manual transmissions Automatic transmissions Allison automatic transmissions PMI Auxiliary power units

The official magazine of Waste Expo.

This circular contains the proceedings of the 11th Equipment Management Workshop. The proceedings are structured around the following topics: government regulations: the changing scene; international equipment technology; human resource management; safety; specialty equipment; purchasing and leasing; future equipment technology; developments in equipment management systems; and reports from regional equipment managers' meetings. Appendix A contains the final program and appendix B, the workshop participant list.

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