

## Allison Automatic Transmission Troubleshooting Guide

Technology is constantly changing, but the basic principles stay the same. This publication provides a detailed look into the operation of fire apparatus and equipment. The text covers the various engine systems, chassis and component parts, pump operations, aerial operations and driving procedures. A study guide is also available.

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

"Thoroughly updated and expanded, 'Fundamentals of Medium/Heavy Duty Commercial Vehicle Systems, Second Edition' offers comprehensive coverage of basic concepts building up to advanced instruction on the latest technology, including distributed electronic control systems, energy-saving technologies, and automated driver-assistance systems. Now organized by outcome-based objectives to improve instructional clarity and adaptability and presented in a more readable format, all content seamlessly aligns with the latest ASE Medium-Heavy Truck Program requirements for MTST." --Back cover.

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.

Allison Transmissions Automatic Models AT 540 Field and Depot Maintenance Manual

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for Power Train Assembly (8351100) (Allison Model XTG-411-2A) Composed of Transfer Assembly, Transmission Input, (2520-894-9535) ; Transmission Assembly, (2520-894-9533) ; Drive Assembly, Transmission Output, Vehicle Left (2520-894-9534) ; Drive Assembly, Transmission Output, Vehicle Right (2520-894-9532).DS and GS Maintenance Manual Transmission Assemblies Automatic Allison Division, GM Models TX 200-2a, FSN 2520-860-7342 ; TX 200-2b, FSN 2520-964-9207 ; TX 200-6, FSN 2520-045-3108 Aviation Support Equipment Technician 1 Direct and General Support Maintenance Manual Transmission, Automatic, 2520-066-4240 (Allison Div., GMC Model TX 100-1). Fundamentals of Medium/Heavy Duty Commercial Vehicle Systems Jones & Bartlett Learning

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