

Manual Drivetrain And Axles

TEST SPECIFICATIONS FOR MANUAL DRIVETRAIN AND AXLES (TEST A3)



CONTENT AREA	NUMBER OF QUESTIONS IN ASE TEST	PERCENTAGE OF COVERAGE IN ASE TEST
A. Clutch Diagnosis And Repair	6	15.0%
B. Transmission Diagnosis And Repair	7	17.5%
C. Transaxle Diagnosis And Repair	7	17.5%
D. Driveshaft/Halfshaft And Universal Joint/Constant Velocity (CV) Joint Diagnosis And Repair (Front- And Rear-Wheel Drive)	5	12.5%
E. Rear-Wheel Drive Axle Diagnosis And Repair	7	17.5%
1. Ring And Pinion Gears (2)		
2. Differential Case/Carrier Assembly (2)		
3. Limited Slip/Locking Differential (1)		
4. Axle Shafts And Housing (1)		
F. Four-Wheel Drive/All-Wheel Drive Component Diagnosis And Repair	8	20.0%
Total	40	100%

There could be additional questions that are included for statistical research purposes only. Your answers to these questions will not affect your test score, but since you do not know which ones they are, you should answer all questions in the test. The 5-year Recertification Test will cover the same content areas as those listed above. However, the number of questions in each content area of the Recertification

Test will be reduced by about one-half.

The following pages list the tasks covered in each content area. These task descriptions offer detailed information to technicians preparing for the test, and to persons who may be instructing Manual Drivetrain And Axles technicians. The task list may also serve as a guideline for question writers, reviewers and test assemblers.

It should be noted that the

number of questions in each content area may not equal the number of tasks listed. Some of the tasks are complex and broad in scope, and may be covered by several questions. Other tasks are simple and narrow in scope; one question may cover several tasks. The main purpose for listing the tasks is to describe accurately what is done on the job, not to make each task correspond to a particular test question.

MANUAL DRIVETRAIN AND AXLES TEST TASK LIST

A. CLUTCH DIAGNOSIS AND REPAIR

(6 questions)

Task 1 - Diagnose clutch noise, binding, slippage, pulsation, chatter, pedal feel/effort and release problems; determine needed repairs.

Task 2 - Inspect, adjust and replace clutch pedal linkage, cables and automatic adjuster mechanisms, brackets, bushings, pivots, springs and electrical switches.

Task 3 - Inspect, adjust, replace and bleed hydraulic clutch slave/release cylinder, master cylinder, lines and hoses; clean and flush hydraulic system; refill with proper fluid.

Task 4 - Inspect, adjust and replace release (throw-out) bearing, bearing retainer, lever and pivot.

Task 5 - Inspect and replace clutch disc and pressure plate assembly; inspect input shaft pilot and splines.

Task 6 - Inspect pilot bearing/bushing inner and outer bores; inspect and replace pilot bearing/bushing.

Task 7 - Inspect and measure flywheel and ring gear; inspect dual-mass flywheel where required; repair or replace as necessary.

Task 8 - Inspect engine block, clutch (bell) housing, transmission case mating surfaces and alignment dowels; inspect engine core plugs, rear main engine

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Cengage Learning Delmar



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ASE Test Preparation- A3 Manual Drive Trains and Axles Cengage Learning Delmar, Delmar Publishers, 2006 Technicians seeking certification in any one of the automotive ASE exam areas will benefit from the valuable preparation offered by this newly revised package of test preparation booklets Each title in this popular series features the most up to date ASE task list available along with practice test questions like those typically seen on an ASE certification exam to help users feel more comfortable and prepared to pass the actual test Comprehensive coverage includes overviews of each task list topic including descriptions of the actual repair procedure being discussed plus ASE test taking strategies and detailed explanations as to why a particular answer is correct or incorrect

ASE Test Preparation- A3 Manual Drive Trains and Axles Delmar Publishers, 2011-07 The fifth edition of Delmar's Automotive Service Excellence ASE Test Preparation Manual for the A3 MANUAL DRIVE TRAINS AND AXLES certification exam contains an abundance of content designed to help you successfully pass your ASE exam This manual will ensure that you not only understand the task list and therefore the content your actual certification exam will be based upon but also provides descriptions of the various types of questions on a typical ASE exam as well as presents valuable test taking strategies enabling you to be fully prepared and confident on test day *Motor Age Training Self-study Guides for ASE Certification* National Institute for Automotive Service Excellence, Advanstar Communications, 2009

Be Test-ready to Become an ASE Certified Manual Drive Train & Axles Technician, 1988

ASE Test Preparation Series, 2004 *ASE Test Prep Series -- Spanish Version, 2E (A3)* Cengage Learning Delmar, 2002-03-18 Now available in Espanol the first of its kind for Spanish speaking technicians This comprehensive package of ASE test preparation booklets covers the tests for Automotive Service Automotive Parts and Advanced Engine Performance These books are intended for any Spanish speaking automotive technician who is preparing to take an ASE examination The series includes questions that relate to each competency required for ASE certification In addition to a multitude of questions the reason why each answer is right or wrong is explained along with task lists and overview test taking strategies and more *ASE Test Prep Series -- Automobile (A3)* Delmar Publishers Staff, Delmar Publishing, Thomson Delmar Learning, 1998-10 This is a comprehensive series of 8 ASE test preparation booklets they cover the tests for Automotive Technology These books are intended for any automotive technician who is preparing to take an ASE examination These books combine refresher materials with an abundance of sample test questions as well as a wealth of information regarding test taking strategies and the ASE exam style **Automotive ASE Test Preparation Manuals** Delmar Publishers, Thomson Delmar Learning, 2003-09 Prepare to pass any automotive ASE exam with help from this newly revised package of test preparation booklets Each title in this popular series features the recently updated task list for the ASE topic of that book with written overviews that describe the actual work that needs to be done as a technician that will be tested on by ASE Technicians seeking certification in any one of the automotive ASE exam areas will benefit from the valuable

preparation offered including ASE test taking strategies hundreds of ASE style exam questions and detailed explanations as to why a particular answer is correct or incorrect The newest booklet C1 Service Consultant rounds out this comprehensive package **Motor Age Training: A3. Manual drivetrain & axles** ,2012 *A3 Manual Drivetrain and Axles* Michael Grady,National Institute for Automotive Service Excellence,Advanstar Communications,2005-04-01

Unveiling the Magic of Words: A Review of "**Ase Test Preparation A3 Manual Drive Train Axles Motor Age Training**"

In a global defined by information and interconnectivity, the enchanting power of words has acquired unparalleled significance. Their power to kindle emotions, provoke contemplation, and ignite transformative change is actually awe-inspiring. Enter the realm of "**Ase Test Preparation A3 Manual Drive Train Axles Motor Age Training**," a mesmerizing literary masterpiece penned with a distinguished author, guiding readers on a profound journey to unravel the secrets and potential hidden within every word. In this critique, we shall delve in to the book is central themes, examine its distinctive writing style, and assess its profound impact on the souls of its readers.

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