

**SERVICE LEARNING SUGGESTED TASK LIST**  
**AT229 Automotive Technology Service Learning II**

1. Service undercarriage system
  - a. Service suspension system
  - b. Service steering system
  - c. Service brake system
  - d. Perform wheel alignment
  
2. Service engine system
  - a. Perform Engine Lubrication System Preventive Maintenance
  - b. Conduct Engine Cooling System Preventive Maintenance
  - c. Service Engine Valve Mechanism
  - d. Service Carburetor Assembly
  - e. Perform Engine Tuning
  - f. Engine overhauling
  - g. Service EFI (Electronic Fuel Injection) Fuel System
  - h. Service Electronic Fuel injection (EFI) Sensors
  - i. Service Electronic Fuel injection (EFI) Actuators
  - j. Service Engine Computer Control Unit (OBD-1 capability)
  - k. Analyze Electronic Engine Management Problems
  - l. Run Power Train Control Module Monitors to Completion
  - m. Service Electronic Controlled Ignition System
  - n. Service Power Train Control Module (OBD-2 capability)
  - o. Service Emission Control System
  - p. Service Computer Controlled Air Induction System
  
3. Service power train system
  - a. Service Clutch System
  - b. Service Longitudinal Type Manual Transmission
  - c. Service Front Drive Shaft
  - d. Service Transversal Type Manual Transmission Assembly
  - e. Service Manual Transmission Transfer Case
  - f. Service Rear differential and Drive Axles
  - g. Overhaul automatic transmission
  
4. Service automotive electrical system
  - a. Service lighting system
  - b. Service engine electrical system
  - c. Service starting system
  - d. Service charging system
  - e. Service chassis electrical system
  
5. Automotive air-conditioning servicing
  - a. Service automotive comfort heating system.
  - b. Service automotive air-conditioning system
  - c. Service air-con compressor and condensing unit
  - d. Service air duct and case system
  - e. Service Automotive Air-con Electrical System