

Name:					
Task#	ENGINE REPAIR	Individual or Group Task	Date	Score	Instructor's Initial
I-A-4	Install engine covers using gaskets, seals, and sealers as required.				
I-A-6	Perform common fastener and thread repair, to include: remove broken bolt, restore internal and external threads, and repair internal threads with thread insert.				
I-C-3	Remove, inspect, and replace thermostat and gasket/seal.				
AUTOMATIC TRANSMISSION & TRANSAXLE					
II-B-1	Inspect, adjust, and replace external manual valve shift linkage, transmission range sensor/switch, and park/neutral position switch.				
MANUAL DRIVE TRAIN & AXLES					
ASE-C-3	Inspect, adjust, and replace transmission/transaxle external shifter assembly, shift linkages, brackets, bushings/grommets, pivots, and levers.				
ASE-C-4	Inspect and replace external seals.				
ASE-C-8	Dismount, inspect, and replace drive shaft center support bearings				
ASE-C-14	Inspect, adjust, and repair transfer case manual shifting mechanisms, bushings, mounts, levers, and brackets.				
SUSPENSION & STEERING					
IV-B-6	Inspect and replace power steering hoses and fittings.				
IV-B-20	Inspect, remove, and replace shock absorbers; inspect mounts and bushings.				
IV-B-23	Describe the function of suspension and steering control systems and components, (i.e. active suspension, and stability control).				
IV-D-3	Dismount, inspect, and remount tire on wheel; balance wheel and tire assembly.				
IV-D-4	Dismount, inspect, and remount tire on wheel equipped with tire pressure monitoring system sensor.				
IV-D-6	Repair tire following vehicle manufacturer approved procedure.				
IV-D-7	Identify indirect and direct tire pressure monitoring systems (TPMS); calibrate system; verify operation of instrument panel lamps.				
IV-D-8	Demonstrate knowledge of steps required to remove and replace sensors in a tire pressure monitoring system (TPMS) including relearn procedure.				
ASE-D-5	Remove and replace power steering pump; inspect pump mounting and attaching brackets; remove and replace power steering pump pulley; transfer related components.				
BRAKES					
V-A-2	Describe procedure for performing a road test to check brake system operation, including an anti-lock brake system (ABS).				
V-B-2	Check master cylinder for external leaks and proper operation.				
V-B-6	Bleed and/or flush brake system.				
V-C-1	Remove, clean, and inspect brake drum; measure brake drum diameter; determine serviceability.				
V-C-2	Refinish brake drum and measure final drum diameter; compare with specifications.				
V-C-3	Remove, clean, and inspect brake shoes, springs, pins, clips, levers, adjusters/self-adjusters, other related brake hardware, and backing support plates; lubricate and reassemble.				
V-C-4	Inspect wheel cylinders for leaks and proper operation; remove and replace as needed.				
V-C-5	Pre-adjust brake shoes and parking brake; install brake drums or drum/hub assemblies and wheel bearings; make final checks and adjustments.				
V-D-1	Remove and clean caliper assembly; inspect for leaks and damage/wear; determine necessary action.				
V-D-2	Inspect caliper mounting and slides/pins for proper operation, wear, and damage; determine necessary action.				
V-D-3	Remove, inspect, and/or replace pads and retaining hardware; determine necessary action.				
V-D-4	Lubricate and reinstall caliper, pads, and related hardware; seat brake pads and inspect for leaks.				
V-D-5	Clean and inspect rotor and mounting surface, measure rotor thickness, thickness variation, and lateral runout; determine necessary action.				
V-D-6	Remove and reinstall/replace rotor.				
V-D-7	Refinish rotor on vehicle; measure final rotor thickness and compare with specifications.				
V-D-8	Refinish rotor off vehicle; measure final rotor thickness and compare with specifications.				
V-D-9	Retract and re-adjust caliper piston on an integral parking brake system.				
V-D-11	Describe importance of operating vehicle to burnish/break-in replacement brake pads according to manufacturer's recommendations.				
V-F-1	Remove, clean, inspect, repack, and install wheel bearings; replace seals; install hub and adjust bearings.				
ASE-E-33	Identify operation of electric-hydraulic assist system; check system for leaks and operation.				
ASE-E-34	Identify operation of hydro-boost assist system; check system for leaks and operation.				