

CDX Tasksheet Number	TASKSHEET	GST
C004	Inspect engine assembly for fuel, oil, coolant, and other leaks; determine necessary action.	ER1
C050	Test coolant; drain and recover coolant; flush and refill cooling system with recommended coolant; bleed air as required.	ER2
C052	Remove and replace radiator.	ER3
C056	Perform engine oil and filter change.	ER4
C068	Service transmission; perform visual inspection; replace fluids and filters.	AT1
C073	Inspect, leak test, flush, and replace transmission/transaxle cooler, lines, and fittings.	AT2
C105	Drain and fill manual transmission/transaxle and final drive unit.	MDT2
C107	Inspect clutch pedal linkage, cables, automatic adjuster mechanisms, brackets, bushings, pivots, and springs; perform necessary action.	MDT3
C108	Inspect hydraulic clutch slave and master cylinders, lines, and hoses; determine necessary action.	MDT4
C111	Bleed clutch hydraulic system.	MDT5
C139	Diagnose live axle fluid leakage concerns; determine necessary action.	MDT6
C154	Inspect and replace drive axle shaft wheel studs.	MDT7
C165	Identify and interpret suspension and steering concern; determine necessary action.	S&S1
C177*	(Inspect power steering fluid levels and condition.) Determine proper power steering fluid type; inspect fluid level and condition.	S&S2
C178	Flush, fill, and bleed power steering system.	S&S3
C179	Diagnose power steering fluid leakage; determine necessary action.	S&S4
C195	Remove, inspect, and install suspension stabilizer bar bushings, brackets, and links.	S&S7
C196	Remove, inspect, and install suspension strut cartridge or assembly, strut coil spring, insulators (silencers), and upper strut bearing mount.	S&S8
C197	Lubricate suspension and steering systems.	S&S5
C202	Inspect, remove, and replace shock absorbers.	S&S6
C205	Differentiate between steering and suspension concerns using principles of steering geometry (caster, camber, toe, etc).	S&S9
C207	Perform prealignment inspection; perform necessary action.	S&S10
C208	Measure vehicle riding height; determine necessary action.	S&S11
C219	Diagnose tire wear patterns; determine necessary action.	S&S12
C220	Inspect tires; check and adjust air pressure.	S&S13
C221	Diagnose wheel/tire vibrations, shimmy, and noise; determine necessary action.	S&S14
C222	Rotate tires according to manufacturer's recommendations.	S&S15
C225	Balance wheel and tire assembly (static and dynamic).	S&S16
C226*	Dismount, inspect, (repair,) and remount tire on wheel.	S&S17
C227	Reinstall wheel; torque lug nuts.	S&S18
C237	Inspect brake lines, flexible hoses, and fittings for leaks, dents, kinks, rust, cracks, bulging or wear; tighten loose fittings and supports; determine necessary action.	B1
C239	Select, handle, store, and fill brake fluids to proper level.	B2
C243	Bleed (manual, pressure, vacuum or surge) brake system.	B3
C244	Flush hydraulic brake system.	B4
C246	Remove, clean (using proper safety procedures), inspect, and measure brake drums; determine necessary action.	B5

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C247	Refinish brake drum.	B6
C248	Remove, clean, and inspect brake shoes, springs, pins, clips, levers, adjusters/self-adjusters, other related brake hardware, and backing support plates; lubricate and reassemble.	B7
C249	Remove, inspect, and install drum brake wheel cylinders.	B8
C250	Pre-adjust brake shoes and parking brake before installing brake drums or drum/hub assemblies and wheel bearings.	B9
C251	Install wheel, torque lug nuts, and make final checks and adjustments.	B10
C253	Remove brake caliper assembly from mountings; clean and inspect for leaks and damage to caliper housing; determine necessary action.	B11
C254	Clean and inspect brake caliper mounting and slides for wear and damage; determine necessary action.	B12
C255	Remove, clean, and inspect disc brake pads and retaining hardware; determine necessary action.	B13
C257	Reassemble, lubricate, and reinstall brake caliper, pads, and related hardware; seat pads, and inspect for leaks.	B14
C258	Clean, inspect, and measure disc brake rotor with a dial indicator and a micrometer; follow manufacturer's recommendations in determining need to machine or replace.	B15
C259	Remove and reinstall disc brake rotor.	B16
C260	Refinish disc brake rotor (according to manufacturer's recommendations).	B17
C262	Install wheel, torque lug nuts, and make final checks and adjustments.	B18
C264	Check brake vacuum supply (manifold or auxiliary pump) to vacuum-type power booster.	B19
C265	Inspect the vacuum-type brake power booster unit for vacuum leaks; inspect the check valve for proper operation; determine necessary action.	B20
C267	Diagnose wheel bearing noises, wheel shimmy, and vibration concerns; determine necessary action.	B21
C269	Check parking brake cables and components for wear, rusting, binding, and corrosion; clean, lubricate, or replace as needed.	B22
C270	Check parking brake operation; determine necessary action.	B23
C271	Check operation of parking brake indicator light system.	B24
C272	Check operation of brake stop light system; determine necessary action.	B25
C273	Replace wheel bearing and race.	B26
C276	Identify and inspect antilock brake system (ABS) components; determine necessary action.	B27
C284*	Identify traction control/vehicle stability control system components.	B28
C288*	Diagnose electrical/electronic integrity of (for) series, parallel and series-parallel circuits using principles of electricity (Ohm's Law).	E1
C289	Use wiring diagrams during diagnosis of electrical circuit problems.	E2
C290	Demonstrate the proper use of a digital multimeter (DMM) during diagnosis of electrical circuit problems.	E3
C291	Check electrical circuits with a test light; determine necessary action.	E4
C292	Measure source voltage and perform voltage drop tests in electrical/electronic circuits using a voltmeter; determine necessary action.	E5
C293	Measure current flow in electrical/electronic circuits and components using an ammeter; determine necessary action.	E6

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C294	Check continuity and measure resistance in electrical/electronic circuits and components using an ohmmeter; determine necessary action.	E7
C295	Check electrical circuits using fused jumper wires; determine necessary action.	E8
C296	Locate shorts, grounds, opens, and resistance problems in electrical/electronic circuits; determine necessary action.	E9
C297	Measure and diagnose the cause(s) of excessive key-off battery drain (parasitic draw); determine necessary action.	E10
C298	Inspect and test fusible links, circuit breakers, and fuses; determine necessary action.	E11
C299*	Inspect and test switches, connectors, relays, solenoid solid state devices, and wires of electrical/electronic circuits; perform necessary action.	E12
C300	Repair wiring harnesses and connectors.	E13
C301	Perform solder repair of electrical wiring.	E14
C302	Perform battery state-of-charge test; determine necessary action.	E15
C303	Perform battery capacity test; confirm proper battery capacity for vehicle application; determine necessary action.	E16
C304	Maintain or restore electronic memory functions.	E17
C305	Inspect, clean, fill, and replace battery.	E18
C306	Perform slow/fast battery charge.	E19
C307	Inspect and clean battery cables, connectors, clamps, and hold-downs; repair or replace as needed.	E20
C308	Start a vehicle using jumper cables and a battery or auxiliary power supply.	E21
C309	Perform starter current draw tests; determine necessary action.	E22
C310	Perform starter circuit voltage drop tests; determine necessary action.	E23
C311	Inspect and test starter relays and solenoids; determine necessary action.	E24
C314	Differentiate between electrical and engine mechanical problems that cause a slow-crank or no-crank condition.	E25
C315	Perform charging system output test; determine necessary action.	E26
C320	Diagnose the cause of brighter than normal, intermittent, dim, or no light operation; determine necessary action.	E27
C321	Inspect, replace, and aim headlights and bulbs.	E28
C388	Locate and interpret vehicle and major engine management system component identification numbers (VIN, vehicle certification labels, and calibration decals).	EP1
C392	Perform engine absolute (vacuum/boost) manifold pressure tests; determine necessary action.	EP2
C393	Perform cylinder power balance test; determine necessary action.	EP3
C394*	Perform cylinder cranking compression tests; determine necessary action.	EP4
C395	Perform cylinder leakage test; determine necessary action.	EP5
C397	Prepare 4 or 5 gas analyzer; inspect and prepare vehicle for test, and obtain exhaust readings; interpret readings, and determine necessary action.	EP7
C398	Verify engine operating temperature; determine necessary action.	EP6
C399	Perform cooling system pressure tests; check coolant condition; inspect and test radiator, pressure cap, coolant recovery tank, and hoses; perform necessary action.	EP8
C401	Retrieve and record stored OBD I diagnostic trouble codes; clear codes.	EP9
C402*	Retrieve and record stored OBD II diagnostic trouble codes; clear codes when applicable.	EP10
C407	Obtain and interpret scan tool data.	EP11

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C422	Replace fuel filters.	EP12
C449*	Remove and replace thermostat and gasket.	EP13
C451	Identify general shop rules and procedures.	APS1
C452	Utilize safe procedures for handling tools and equipment.	APS2
C453	Identify and use proper placement of floor jacks and jack stands.	APS3
C454	Identify and use proper procedures for safe lift operation.	APS4
C455	Utilize proper ventilation procedures for working within the lab/shop area.	APS5
C456	Identify marked safety areas.	APS6
C457	Identify the location and use of fire blankets.	APS7
C458	Identify the types and location of fire extinguishers; demonstrate an knowledge of the procedures for using fire extinguishers.	APS8
C459	Identify the location and use of eye wash stations.	APS9
C460	Identify the location of posted evacuation routes.	APS10
C461	Comply with the safe use of safety glasses, gloves, shoes, during lab/shop activities.	APS11
C462	Identify and wear appropriate clothing for lab/shop activities.	APS12
C463	Comply with appropriate hairstyles for lab/shop activities.	APS13
C464	Demonstrate knowledge of safety aspects of supplemental restraint systems (SRS) and antilock braking systems (ABS).	APS14
C465	Locate and demonstrate knowledge of material safety data sheets (MSDS).	APS15
C466	Identify tools and their usage in automotive applications.	T&E1
C467	Identify standard and metric designation.	T&E2
C468	Demonstrate safe handling and use of appropriate tools.	T&E3
C469	Demonstrate proper cleaning, storage, and maintenance of tools and equipment.	T&E4
C470	Identify sources of service information, Locate and use paper and electronic manuals, Locate and use Technical Service Bulletins.	LFV1
C471	Proper vehicle identification information, Define the use and purpose of the VIN, engine numbers and data code, Locate VIN, Apply knowledge of VIN information.	LFV2
C472	Identify information needed and the service requested on a repair order.	PVS1
C473	Identify purpose and demonstrate proper use of fender covers, mats.	PVS2
C474	Demonstrate use of 3 C's (concern, cause and correction).	PVS3
C475	Review vehicle service history.	PVS4
C476	Ensure vehicle is prepared to return to customer per school/company policy (floor mats, steering wheel cover etc).	PVC1
C477	Check and adjust engine oil level.	BS1
C478	Check and adjust engine coolant level.	BS2
C479	Check and adjust power steering fluid level.	BS3
C480	Check and adjust brake fluid level.	BS4
C481	Check and adjust windshield washer fluid level.	BS5
C482	Check and replace wiper blades.	BS6
C483	Check and adjust differential/transfer case fluid level.	BS7
C484	Check and adjust transmission fluid level.	BS8
C485	Inspect, replace, and adjust drive belts, tensioners, and pulleys; check pulley and belt alignment.	BS9
C486	Inspect and replace air filter.	BS10

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C487	Determine fluid type requirements and identify fluid.	BS11
C488	Inspect powertrain mount; determine necessary action.	ER5
C489	Diagnose fluid usage, level and condition concerns; determine necessary action.	MDT1
C491	Inspect constant-velocity (CV) joint boots.	MDT8
C492	Remove and replace rear wheel drive shaft.	MDT9
C493	Identify and visually inspect A/C system components.	HVC1
C494	Locate refrigerant label and identify specified refrigerant type. (eg: R-12 R-134a)	HVC2
C495	Conduct preliminary performance test of A/C system (i.e.: verify compressor engagement, measure outlet duct temperature, sense temperature changes across A/C components); determine appropriate action.	HVC3
C496	Correctly process payment transactions.	PVC2
C497	Carry out a full braking system test using a dynamic roller brake tester.	B29
C498	Inspect and test a diesel (CI) fuel injector.	EP14
C499	Remove and refit rotary diesel (CI) fuel injector pump.	EP15
C500	Bench test a rotary diesel (CI) fuel injector pump.	ER6
C501	Remove and replace a live rear axle.	MDT10
C502	Carry out a full valet/detail on a vehicle.	PVC3
C503	Replace diesel (CI) engine fuel filter.	EP16
C504	Demonstrate understanding of the correct methods of storage and disposal of lubricants, cleaning agents, & contaminates.	APS16
C505	Recognize different vehicle types and body components.	LVF3
C506	Carry out vehicle body adjustments and access vehicle components.	BS12
C507	Use resistance welding equipment and produce a 10 spot weld.	SW1
C508	Associated Studies Tasksheet - Workshop Key Skills: Identify personal protective equipment and safety features.	AS1
C509	Associated Studies Tasksheet - Workshop Key Skills: Identify and document safety related vehicle workshop practices.	AS2
C510	Associated Studies Tasksheet - Workshop Key Skills: Identify and document compliance and customer related vehicle workshop practices.	AS3
C511	Associated Studies Tasksheet: Vehicle Workshop Practices: Research and document organizational structures.	AS4
C512	Carry out a vehicle safety inspection.	BS13
C513	Identify and agree customer vehicle needs.	PVC4
C514	Diagnose and rectify vehicle engine system and component faults.	D&R1
C515	Diagnose and rectify vehicle chassis system faults.	D&R2
C516	Diagnose and rectify vehicle transmission and driveline system faults.	D&R3
C517	Diagnose and rectify engine electrical faults.	D&R4
C518	Diagnose and rectify transmission and chassis electrical faults.	D&R5
C519	Diagnose and rectify auxiliary equipment electrical faults.	D&R6
C520	Obtain and interpret engine performance data with a scan tool.	EP17
C587	Perform battery capacity test(or conductance test) ; confirm proper battery capacity for vehicle application; determine necessary action.	E16