

CDX Tasksheet Number	TASKSHEET	Old NZ standards
C496	Correctly process payment transactions.	56
C505	Recognize different vehicle types and body components.	229
C506	Carry out vehicle body adjustments and access vehicle components.	229
C302	Perform battery state-of-charge test; determine necessary action.	233
C303	Perform battery capacity test; confirm proper battery capacity for vehicle application; determine necessary action.	233
C305	Inspect, clean, fill, and replace battery.	233
C306	Perform slow/fast battery charge.	233
C308	Start a vehicle using jumper cables and a battery or auxiliary power supply.	233
C243	Bleed (manual, pressure, vacuum or surge) brake system.	242
C244	Flush hydraulic brake system.	242
C280	Bleed the antilock brake system's (ABS) front and rear hydraulic circuits.	242
C003	Locate and interpret vehicle engine and major component identification numbers (VIN, vehicle certification labels, and calibration decals).	243
C004	Inspect engine assembly for fuel, oil, coolant, and other leaks; determine necessary action.	243
C005	Diagnose engine noises and vibrations; determine necessary action.	243
C006	Diagnose the cause of excessive oil consumption, unusual engine exhaust color, odor, and sound; determine necessary action.	243
C007	Perform engine vacuum tests; determine necessary action.	243
C008	Perform engine cylinder power balance tests; determine necessary action.	243
C009*	Perform engine cylinder cranking compression tests; determine necessary action.	243
C010	Perform engine cylinder leakage tests; determine necessary action.	243
C027	Inspect camshaft bearing surface for wear, damage, out-of-round, and alignment; determine necessary action.	243
C055	Inspect, test, and replace engine oil temperature and pressure switches and sensors.	243
C317	Inspect, adjust, or replace generator (alternator) drive belts, pulleys, and tensioners; check pulley and belt alignment.	243
C363	Perform cooling system, cap, and recovery system tests (pressure, combustion leakage, and temperature); determine necessary action.	243
C389	Inspect engine assembly for fuel, oil, coolant, and other leaks; determine necessary action.	243
C393	Perform cylinder power balance test; determine necessary action.	243
C394*	Perform cylinder cranking compression tests; determine necessary action.	243
C395	Perform cylinder leakage test; determine necessary action.	243
C413	Inspect, test and service ignition system distributor.	243
C414	Inspect and test ignition system secondary circuit wiring and components; perform necessary action.	243
C415	Inspect and test ignition coil(s); perform necessary action.	243
C416	Check and adjust ignition system timing and timing advance/retard (where applicable).	243
C417	Inspect and test ignition system pick-up sensor or triggering devices; perform necessary action.	243
C420	Check fuel for contaminants and quality; determine necessary action.	243

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C427	Adjust idle speed and gasoline/petrol fuel mixture.	243
C445	Inspect and test components and hoses of evaporative emissions control system; perform necessary action.	243
C447	Adjust valves on engines with mechanical or hydraulic lifters.	243
C230	Research applicable vehicle and service information, such as brake system operation, vehicle service history, service precautions, and technical service bulletins.	249
C342	Research applicable vehicle and service information, such as heating and air conditioning system operation, vehicle service history, service precautions, and technical service bulletins.	249
C451	Identify general shop rules and procedures.	249
C455	Utilize proper ventilation procedures for working within the lab/shop area.	249
C509	Associated Studies Tasksheet - Workshop Key Skills: Identify and document safety related vehicle workshop practices.	249
C523	Carry out automotive industrial personal workplace requirements.	249
C502	Carry out a full valet/detail on a vehicle.	399
C525	Identify functions of automotive lighting systems, rectify lighting faults and adjust vehicle lamps.	877
C048	Inspect and replace engine cooling and heater system hoses.	878
C051	Inspect, test, remove, and replace water pump.	878
C052	Remove and replace radiator.	878
C053	Inspect, and test fans(s) (electrical or mechanical), fan clutch, fan shroud, and air dams.	878
C449*	Remove and replace thermostat and gasket.	878
C450	Inspect and test mechanical/electrical fans, fan clutch, fan shroud/ducting, air dams, and fan control devices; perform necessary action.	878
C341	Identify and interpret heating and air conditioning concern; determine necessary action.	881
C343	Locate and interpret vehicle and major heating and air conditioning system component identification numbers (VIN, vehicle certification labels, calibration decals).	881
C344	Performance test A/C system; diagnose A/C system malfunctions using principles of refrigeration.	881
C345	Diagnose abnormal operating noises in the A/C system; determine necessary action.	881
C346*	Identify refrigerant type; conduct a performance test of the A/C system; determine necessary action.	881
C347	Leak test A/C system; determine necessary action.	881
C348	Inspect the condition of discharged oil; determine necessary action.	881
C349	Determine recommended oil for heating and air conditioning system application.	881
C350	Diagnose A/C system conditions that cause the protection devices (pressure, thermal, and PCM) to interrupt system operation; determine necessary action.	881
C351*	Inspect and replace A/C compressor drive belts; determine necessary action.	881
C352	Inspect, test, and/or replace A/C compressor clutch components and/or assembly.	881
C353*	Remove, inspect and reinstall A/C compressor and mountings; determine (measure) oil quantity (determine necessary action).	881
C354	Determine need for an additional A/C system filter; perform necessary action.	881
C355	Remove and inspect A/C system mufflers, hoses, lines, fittings, O-rings, seals, and service valves; perform necessary action.	881

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C356	Inspect A/C condenser for airflow restrictions; perform necessary action.	881
C357*	Remove, inspect and reinstall heating and air conditioning system receiver/drier or accumulator/drier, determine (measure) oil quantity (determine necessary action).	881
C358	Remove and install heating and air conditioning system expansion valve or orifice (expansion) tube.	881
C359	Inspect heating and air conditioning system evaporator housing water drain; perform necessary action.	881
C360*	Remove, inspect and reinstall heating and air conditioning system evaporator; determine required (measure) oil quantity (determine necessary action).	881
C361*	Remove, inspect and reinstall heating and air conditioning system condenser; determine required (measure) oil quantity (determine necessary action).	881
C362	Diagnose temperature control problems in the heater/ventilation system; determine necessary action.	881
C372	Diagnose malfunctions in the electrical controls of heating, ventilation, and A/C (HVAC) systems; determine necessary action.	881
C373	Inspect and test A/C-heater blower, motors, resistors, switches, relays, wiring, and protection devices; perform necessary action.	881
C374	Test and diagnose A/C compressor clutch control systems; determine necessary action.	881
C375*	Diagnose malfunctions in the vacuum, mechanical components and electrical controls of the heating, ventilation, and A/C (HVAC) system; determine necessary action.	881
C376	Inspect and test A/C-heater control panel assembly; determine necessary action.	881
C377*	Inspect and test A/C-heater control cables, motors and linkages; perform necessary action.	881
C378	Inspect A/C-heater ducts, doors, hoses, cabin filters and outlets; perform necessary action.	881
C379	Check operation of automatic and semi-automatic heating, ventilation, and air-conditioning (HVAC) control systems; determine necessary action.	881
C380	Perform correct use and maintenance of refrigerant handling equipment.	881
C381	Identify (by label application or use of a refrigerant identifier) and recover A/C system refrigerant.	881
C382	Recycle refrigerant.	881
C383	Label and store refrigerant.	881
C384	Test recycled refrigerant for non-condensable gases.	881
C385	Evacuate and charge A/C system.	881
C586	Check idle speed	885
C320	Diagnose the cause of brighter than normal, intermittent, dim, or no light operation; determine necessary action.	887
C321	Inspect, replace, and aim headlights and bulbs.	887
C322	Inspect and diagnose incorrect turn signal or hazard light operation; perform necessary action	887
C410	Diagnose ignition system related problems such as no-starting, hard starting, engine misfire, poor drivability, spark knock, power loss, poor mileage, and emissions concerns on vehicles with electronic ignition (distributorless) systems; determine necessary action.	892

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C411	Diagnose ignition system related problems such as no-starting, hard starting, engine misfire, poor drivability, spark knock, power loss, poor mileage, and emissions concerns on vehicles with distributor ignition (DI) systems; determine necessary action.	892
C424	Inspect throttle body, air induction system, intake manifold and gaskets for vacuum leaks and/or unmetered air.	892
C426	Check idle speed and gasoline/petrol fuel mixture.	892
C430	Test the operation of turbocharger/supercharger systems; determine necessary action.	893
C433	Diagnose emissions and drivability problems caused by malfunctions in the exhaust gas recirculation (EGR) system; determine necessary action.	893
C436	Diagnose emissions and drivability problems resulting from malfunctions in the secondary air injection and catalytic converter systems; determine necessary action.	893
C437	Inspect and test mechanical components of secondary air injection systems; perform necessary action.	893
C440	Diagnose emissions and drivability problems resulting from malfunctions in the intake air temperature control system; determine necessary action.	893
C441	Inspect and test components of intake air temperature control system; perform necessary action.	893
C442	Diagnose emissions and drivability problems resulting from malfunctions in the early fuel evaporation control system; determine necessary action.	893
C444	Diagnose emissions and drivability problems resulting from malfunctions in the evaporative emissions control system; determine necessary action.	893
C165	Identify and interpret suspension and steering concern; determine necessary action.	896
C167	Locate and interpret vehicle and major suspension and steering component identification numbers (VIN, vehicle certification labels, calibration decals).	896
C170	Diagnose steering column noises, looseness, and binding concerns (including tilt mechanisms); determine necessary action.	896
C171*	Diagnose power steering gear (non-rack and pinion) binding, uneven turning effort, looseness, hard steering, noise and fluid leakage concerns; determine necessary action.	896
C172	Diagnose power steering gear (rack and pinion) binding, uneven turning effort, looseness, hard steering, and fluid leakage concerns; determine necessary action.	896
C173	Inspect steering shaft universal-joint(s), flexible coupling(s), collapsible column, lock cylinder mechanism, and steering wheel; perform necessary action.	896
C174	Adjust manual or power non-rack and pinion worm bearing preload and sector lash.	896
C175	Remove and replace manual or power rack and pinion steering gear; inspect mounting bushings and brackets.	896
C176	Inspect and replace manual or power rack and pinion steering gear inner tie rod ends (sockets) and bellows boots.	896
C177*	(Inspect power steering fluid levels and condition.) Determine proper power steering fluid type; inspect fluid level and condition.	896
C178	Flush, fill, and bleed power steering system.	896
C179	Diagnose power steering fluid leakage; determine necessary action.	896
C180	Remove, inspect, replace, and adjust power steering pump belt.	896
C181	Remove and reinstall power steering pump.	896

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C182	Remove and reinstall power steering pump pulley; check pulley and belt alignment.	896
C183	Inspect and replace power steering hoses and fittings.	896
C184	Inspect and replace pitman arm, relay (centerlink/intermediate) rod, idler arm and mountings, and steering linkage damper.	896
C185	Inspect, replace, and adjust tie rod ends (sockets), tie rod sleeves, and clamps.	896
C186	Test and diagnose components of electronically controlled steering systems using a scan tool; determine necessary action.	896
C187	Diagnose short and long arm suspension system noises, body sway, and uneven riding height concerns; determine necessary action.	896
C188	Diagnose strut suspension system noises, body sway, and uneven riding height concerns; determine necessary action.	896
C189	Remove, inspect, and install suspension upper and lower control arms, bushings, shafts, and rebound bumpers.	896
C190	Remove, inspect and install suspension strut rods (compression/tension) and bushings.	896
C191	Remove, inspect, and install suspension upper and/or lower ball joints.	896
C192	Remove, inspect, and install steering knuckle assemblies.	896
C193	Remove, inspect, and install short and long arm suspension system coil springs and spring insulators.	896
C194	Remove, inspect, install, and adjust suspension system torsion bars; inspect mounts.	896
C195	Remove, inspect, and install suspension stabilizer bar bushings, brackets, and links.	896
C196	Remove, inspect, and install suspension strut cartridge or assembly, strut coil spring, insulators (silencers), and upper strut bearing mount.	896
C197	Lubricate suspension and steering systems.	896
C198	Remove, inspect, and install suspension coil springs and spring insulators.	896
C199	Remove, inspect, and install suspension transverse links, control arms, bushings, and mounts.	896
C200	Remove, inspect, and install suspension leaf springs, leaf spring insulators (silencers), shackles, brackets, bushings, and mounts.	896
C201	Remove, inspect, and install suspension strut cartridge or assembly, strut coil spring, and insulators (silencers).	896
C202	Inspect, remove, and replace shock absorbers.	896
C203	Remove, inspect, and service or replace front and rear wheel bearings.	896
C204	Test and diagnose components of electronically controlled suspension systems using a scan tool; determine necessary action.	896
C205	Differentiate between steering and suspension concerns using principles of steering geometry (caster, camber, toe, etc).	896
C206	Diagnose vehicle wander, drift, pull, hard steering, bump steer, memory steer, torque steer, and steering return concerns; determine necessary action.	896
C207	Perform prealignment inspection; perform necessary action.	896
C208	Measure vehicle riding height; determine necessary action.	896
C209	Check and adjust front and rear wheel camber; perform necessary action.	896
C210	Check and adjust caster; perform necessary action.	896
C211*	Check and adjust front wheel toe and center steering wheel; (adjust as needed).	896

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C212	Center steering wheel.	896
C213	Check toe-out-on-turns (turning radius); determine necessary action.	896
C214	Check SAI (steering axis inclination) and included angle; determine necessary action.	896
C215	Check and adjust rear wheel toe.	896
C216	Check rear wheel thrust angle; determine necessary action.	896
C217	Check for front wheel setback; determine necessary action.	896
C218	Check front cradle (subframe) alignment; determine necessary action.	896
C219	Diagnose tire wear patterns; determine necessary action.	896
C220	Inspect tires; check and adjust air pressure.	896
C221	Diagnose wheel/tire vibrations, shimmy, and noise; determine necessary action.	896
C309	Perform starter current draw tests; determine necessary action.	897
C310	Perform starter circuit voltage drop tests; determine necessary action.	897
C311	Inspect and test starter relays and solenoids; determine necessary action.	897
C312	Remove and install starter in a vehicle.	897
C315	Perform charging system output test; determine necessary action.	897
C316	Diagnose charging system for the cause of undercharge, no-charge, and over-charge conditions.	897
C318	Remove, inspect, and install generator (alternator).	897
C319	Perform charging circuit voltage drop tests; determine necessary action.	897
C287	Locate and interpret vehicle and major electrical/electronic component identification numbers (VIN, vehicle certification labels, and calibration decals).	898
C526	Identify an automotive wiring diagram and translate information to a motor vehicle circuit.	898
C323	Inspect and test gauges and gauge sending units for cause of intermittent, high, low, or no gauge readings; determine necessary action.	899
C324	Inspect and test connectors, wires, and printed circuit boards of gauge circuits; determine necessary action.	899
C327	Diagnose incorrect horn operation; perform necessary action.	899
C328	Diagnose incorrect wiper operation; diagnose wiper speed control and park problems; perform necessary action.	899
C329	Diagnose incorrect washer operation; perform necessary action.	899
C330	Diagnose incorrect operation of motor-driven accessory circuits; determine necessary action.	899
C527	Carry out automotive wiring repairs and test circuits for serviceability.	899
C559	Repair wiring harness (including CAN/BUS systems).	899
C583	Refinish disc brake rotor on vehicle	899
C337	Remove and reinstall door panel.	912
C101	Identify and interpret drive train concern; determine necessary action.	921
C104*	Diagnose drive train system fluid loss (usage), level, and condition concerns; determine necessary action.	921
C105	Drain and fill manual transmission/transaxle and final drive unit.	921
C132	Diagnose constant-velocity (CV) joint noise and vibration concerns; determine necessary action.	921
C133	Diagnose universal joint noise and vibration concerns; perform necessary action.	921

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C134*	Remove and replace front wheel drive (FWD) front wheel bearing.	921
C135	Inspect, service, and replace drive shafts, yokes, boots, and CV joints.	921
C136	Inspect, service, and replace propellor shaft center support bearings.	921
C138	Diagnose live axle noise and vibration concerns; determine necessary action.	921
C139	Diagnose live axle fluid leakage concerns; determine necessary action.	921
C140	Inspect and replace live axle companion flange and pinion seal; measure companion flange runout.	921
C154	Inspect and replace drive axle shaft wheel studs.	921
C155	Remove and replace drive axle shafts.	921
C156	Inspect and replace drive axle shaft seals, bearings, and retainers.	921
C157	Measure drive axle flange runout and shaft endplay; determine necessary action.	921
C491	Inspect constant-velocity (CV) joint boots.	921
C492	Remove and replace rear wheel drive shaft.	921
C106	Diagnose clutch noise, binding, slippage, pulsation, and chatter; determine necessary action.	922
C107	Inspect clutch pedal linkage, cables, automatic adjuster mechanisms, brackets, bushings, pivots, and springs; perform necessary action.	922
C108	Inspect hydraulic clutch slave and master cylinders, lines, and hoses; determine necessary action.	922
C109	Inspect clutch release (throw-out) bearing, lever, and pivot; determine necessary action.	922
C110	Inspect and replace clutch pressure plate assembly and clutch disc.	922
C111	Bleed clutch hydraulic system.	922
C112	Inspect, remove or replace primary shaft pilot bearing or bushing (as applicable).	922
C113	Inspect flywheel and ring gear for wear and cracks, determine necessary action.	922
C114	Inspect engine block, clutch (bell) housing, transmission/transaxle case mating surfaces, and alignment dowels; determine necessary action.	922
C115	Measure flywheel runout and crankshaft endplay; determine necessary action.	922
C116	Remove and reinstall manual transmission/transaxle.	922
C059	Locate and interpret vehicle and major transmission/transaxle component identification numbers (VIN, vehicle certification labels, and calibration decals).	935
C060*	Diagnose transmission/transaxle fluid loss (usage), level, and condition concerns; determine necessary action. Diagnose fluid loss and condition concerns; check fluid level on transmissions with and without dip-stick; determine necessary action	935
C061	Perform transmission/transaxle pressure tests; determine necessary action.	935
C062	Perform transmission/transaxle stall test; determine necessary action.	935
C063	Perform lock-up converter system tests; determine necessary action.	935
C064	Diagnose transmission/transaxle (electronic), mechanical and (hydraulic), vacuum control system concerns; determine necessary action.	935
C065	Diagnose transmission/transaxle noise and vibration concerns; determine necessary action.	935
C067	Inspect, adjust or replace throttle valve (TV) linkages or cables; manual shift linkages or cables; transmission range sensor; check gear select indicator (as applicable).	935
C068	Service transmission; perform visual inspection; replace fluids and filters.	935
C069	Inspect, adjust or replace transmission/transaxle (as applicable) vacuum modulator; inspect and repair or replace lines and hoses.	935

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C071	Inspect and replace transmission/transaxle external seals and gaskets.	935
C072	Inspect transmission/transaxle extension housing, bushings and seals; perform necessary action.	935
C073	Inspect, leak test, flush, and replace transmission/transaxle cooler, lines, and fittings.	935
C234	Check master cylinder for internal and external leaks and proper operation; determine necessary action.	938
C235	Remove, bench bleed, and reinstall master cylinder.	938
C253	Remove brake caliper assembly from mountings; clean and inspect for leaks and damage to caliper housing; determine necessary action.	938
C256	Disassemble and clean disc brake caliper assembly; inspect parts for wear, rust, scoring, and damage; replace seal, boot, and damaged or worn parts.	938
C540	Complete work order to include customer information, vehicle identifying information, customer concern, related service history, cause, and correction.(Engine Repair)	946
C544	Complete work order to include customer information, vehicle identifying information, customer concern, related service history, cause, and correction.(Automatic transmission/transaxle)	946
C548	Complete work order to include customer information, vehicle identifying information, customer concern, related service history, cause, and correction.(Manual Drive and axles)	946
C549	Complete work order to include customer information, vehicle identifying information, customer concern, related service history, cause, and correction.(Suspension and Steering Systems Diagnosis)	946
C554	Complete work order to include customer information, vehicle identifying information, customer concern, related service history, cause, and correction.(Brakes)	946
C557	Complete work order to include customer information, vehicle identifying information, customer concern, related service history, cause, and correction.(Electrical and Electronics)	946
C565	Complete work order to include customer information, vehicle identifying information, customer concern, related service history, cause, and correction.(HVAC)	946
C569	Complete work order to include customer information, vehicle identifying information, customer concern, related service history, cause, and correction.(Engine Performance)	946
C555	Refinish rotor off vehicle.	948
C141	Inspect final drive ring gear and measure runout; determine necessary action.	957
C142	Remove, inspect, and reinstall final drive pinion and ring gear, spacers, sleeves, and bearings.	957
C143	Measure and adjust final drive pinion depth.	957
C144	Measure and adjust final drive pinion bearing preload.	957
C145	Measure and adjust side bearing preload and ring and pinion gear total backlash and backlash variation on a differential carrier assembly (threaded cup or shim types).	957
C146	Check final drive ring and pinion tooth contact patterns; perform necessary action.	957
C147	Disassemble, inspect, measure, and adjust or replace differential pinion gears (spiders), shaft, side gears, side bearings, thrust washers, and case.	957
C148	Reassemble and reinstall differential case assembly; measure runout; determine necessary action.	957

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C149	Diagnose limited slip differential noise, slippage, and chatter concerns; determine necessary action.	957
C150*	Clean and Inspect limited slip differential unit (and flush) differential housing; refill with correct lubricant.	957
C151	Inspect and reinstall limited slip differential clutch (cone or plate) components.	957
C152	Measure limited slip differential rotating torque; determine necessary action.	957
C153	Diagnose drive axle shafts, bearings, and seals for noise, vibration, and fluid leakage concerns; determine necessary action.	957
C074	Inspect and replace speedometer drive gear, driven gear, vehicle speed sensor (VSS), and retainers.	958
C545	Diagnose pressure concerns in the transmission using hydraulic principles (Pascal's Law).	958
C546	Diagnose electrical/electronic concerns using principals of electricity (Ohm's Law).	958
C547	Inspect, leak test, and flush cooler, lines, and fittings.	958
C117	Disassemble, clean, and reassemble manual transmission/transaxle components.	959
C118	Inspect manual transmission/transaxle case, extension housing, case mating surfaces, bores, bushings, and vents; perform necessary action.	959
C119	Diagnose manual transmission noise, hard shifting, jumping out of gear, and fluid leakage concerns; determine necessary action.	959
C120	Inspect, adjust, and reinstall manual transmission shift linkages, brackets, bushings, cables, pivots, and levers.	959
C121	Inspect and reinstall manual transmission powertrain mounts.	959
C122	Inspect and replace manual transmission gaskets, seals, and sealants; inspect sealing surfaces.	959
C123	Remove and replace manual transmission transaxle final drive.	959
C124	Inspect, adjust, and reinstall manual transmission shift cover, forks, levers, grommets, shafts, sleeves, detent mechanism, interlocks, and springs.	959
C125	Measure manual transmission endplay or preload (shim or spacer selection procedure) on transmission/transaxle shafts; perform necessary action.	959
C126	Inspect and reinstall manual transmission synchronizer hub, sleeve, keys (inserts), springs, and blocking rings.	959
C127	Inspect and reinstall manual transmission speedometer drive gear, driven gear, vehicle speed sensor (VSS), and retainers.	959
C128	Diagnose manual transaxle final drive assembly noise and vibration concerns; determine necessary action.	959
C129	Remove, inspect, measure, adjust, and reinstall manual transaxle final drive pinion gears (spiders), shaft, side gears, side bearings, thrust washers, and case assembly.	959
C130	Inspect manual transmission lubrication devices (oil pump or slingers); perform necessary action.	959
C131	Inspect, test, and replace manual transmission/transaxle sensors and switches.	959
C229	Identify and interpret brake system concern; determine necessary action.	960
C231	Locate and interpret vehicle and major brake system component identification numbers (VIN, vehicle certification labels, calibration decals).	960
C232	Diagnose pressure concerns in the brake system using hydraulic principles (Pascal's Law).	960
C233	Measure brake pedal height; determine necessary action.	960

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C236	Diagnose poor stopping, pulling or dragging concerns caused by malfunctions in the hydraulic system; determine necessary action.	960
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.	960
C238	Fabricate and/or install brake lines (double flare and ISO types); replace hoses, fittings, and supports as needed.	960
C239	Select, handle, store, and fill brake fluids to proper level.	960
C240	Inspect, test, and/or replace brake system metering (hold-off), proportioning (balance), pressure differential, and combination valves.	960
C241	Inspect, test, and adjust height (load) sensing proportioning valve.	960
C242	Inspect, test, and/or replace components of brake warning light system.	960
C245*	Diagnose poor stopping, noise, vibration, pulling, grabbing, dragging or pedal pulsation concerns in drum brakes; determine necessary action.	960
C246	Remove, clean (using proper safety procedures), inspect, and measure brake drums; determine necessary action.	960
C252*	Diagnose poor stopping, noise, vibration, pulling, grabbing, dragging or pedal pulsation concerns in disc brakes; determine necessary action.	960
C255	Remove, clean, and inspect disc brake pads and retaining hardware; determine necessary action.	960
C257	Reassemble, lubricate, and reinstall brake caliper, pads, and related hardware; seat pads, and inspect for leaks.	960
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.	960
C263	Test brake pedal free travel with and without engine running; check power assist operation.	960
C264	Check brake vacuum supply (manifold or auxiliary pump) to vacuum-type power booster.	960
C265	Inspect the vacuum-type brake power booster unit for vacuum leaks; inspect the check valve for proper operation; determine necessary action.	960
C266	Inspect and test brake hydro-boost system and accumulator for leaks and proper operation; determine necessary action.	960
C269	Check parking brake cables and components for wear, rusting, binding, and corrosion; clean, lubricate, or replace as needed.	960
C270	Check parking brake operation; determine necessary action.	960
C271	Check operation of parking brake indicator light system.	960
C272	Check operation of brake stop light system; determine necessary action.	960
C276	Identify and inspect antilock brake system (ABS) components; determine necessary action.	960
C277	Diagnose poor stopping, wheel lock-up, abnormal pedal feel or pulsation, and noise concerns caused by the antilock brake system (ABS); determine necessary action.	960
C278	Diagnose antilock brake system (ABS) electronic control(s) and components using self-diagnosis and/or recommended test equipment; determine necessary action.	960
C279	Depressurized high-pressure components of the antilock brake system (ABS).	960
C281	Remove and install antilock brake system (ABS) electrical/electronic and hydraulic components.	960

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C282	Test, diagnose and service ABS speed sensors, toothed ring (tone wheel), and circuits using a graphing multimeter (GMM)/digital storage oscilloscope (DSO) (includes output signal, resistance, shorts to voltage/ground, and frequency data).	960
C283	Diagnose antilock brake system (ABS) braking concerns caused by vehicle modifications (tire size, curb height, final drive ratio, etc.).	960
C497	Carry out a full braking system test using a dynamic roller brake tester.	960
C556	Measure and adjust master cylinder pushrod length.	960
C314	Differentiate between electrical and engine mechanical problems that cause a slow-crank or no-crank condition.	961
C563	Identify hybrid vehicle auxiliary (12v) battery service, repair and test procedures.	978
C340	Diagnose the cause of false, intermittent, or no operation of anti-theft system.	2348
C168	Disable and enable supplemental restraint system (SRS).	2629
C169	Remove and replace steering wheel; center/time supplemental restraint system (SRS) coil (clock spring).	2629
C334	Diagnose supplemental restraint system (SRS) concerns; determine necessary action. (Note: Follow manufacturer's safety procedures to prevent accidental deployment.)	2629
C335	Disarm and enable the airbag system for vehicle service.	2629
C464	Demonstrate knowledge of safety aspects of supplemental restraint systems (SRS) and antilock braking systems (ABS).	2629
C418	Diagnose hot or cold no-starting, hard starting, poor drivability, incorrect idle speed, poor idle, flooding, hesitation, surging, engine misfire, power loss, stalling, poor mileage, dieseling, and emissions problems on vehicles with carburetor-type fuel systems; determine necessary action.	3400
C457	Identify the location and use of fire blankets.	3856
C458	Identify the types and location of fire extinguishers; demonstrate an knowledge of the procedures for using fire extinguishers.	3856
C459	Identify the location and use of eye wash stations.	3856
C460	Identify the location of posted evacuation routes.	3856
C465	Locate and demonstrate knowledge of material safety data sheets (MSDS).	3856
C247	Refinish brake drum.	5466
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.	5466
C250	Pre-adjust brake shoes and parking brake before installing brake drums or drum/hub assemblies and wheel bearings.	5466
C251	Install wheel, torque lug nuts, and make final checks and adjustments.	5466
C254	Clean and inspect brake caliper mounting and slides for wear and damage; determine necessary action.	5466
C259	Remove and reinstall disc brake rotor.	5466
C260	Refinish disc brake rotor (according to manufacturer's recommendations).	5466
C261	Adjust disc brake calipers equipped with an integrated parking brake system.	5466
C262	Install wheel, torque lug nuts, and make final checks and adjustments.	5466
C364	Inspect engine cooling and heater system hoses and belts; perform necessary action.	7012
C365*	Inspect, test, and replace thermostat and gasket (housing).	7012
C370	Inspect and test heater control valve(s); perform necessary action.	7012

CDX Tasksheet Number	TASKSHEET	Old NZ standards
C371*	Remove, inspect and reinstall heater core.	7012
C568	Perform cooling system pressure tests; check coolant condition, inspect and test radiator, pressure cap, coolant recovery tank, and hoses; perform necessary action.	7012
C578	Perform cooling system pressure tests; check coolant condition; inspect and test radiator, pressure cap, coolant recovery tank, and hoses; determine necessary action.	7012
C515	Diagnose and rectify vehicle chassis system faults.	8182
C516	Diagnose and rectify vehicle transmission and driveline system faults.	8182
C517	Diagnose and rectify engine electrical faults.	8182
C518	Diagnose and rectify transmission and chassis electrical faults.	8182
C519	Diagnose and rectify auxiliary equipment electrical faults.	8182
C562	Identify electronic modules, security systems and/or radios that require reinitialization or code entry following battery disconnect.	8182
C079	Disassemble, clean, and inspect transmission/transaxle.	8186
C080*	Inspect, measure, clean, and replace transmission/transaxle valve body (includes surfaces, (and) bores, springs, valves, sleeves, retainers, brackets, check-balls, screens, spacers, and gaskets).	8186
C081	Inspect transmission/transaxle servo bore, piston, seals, pin, spring, and retainers; determine necessary action.	8186
C082	Inspect transmission/transaxle accumulator bore, piston, seals, spring, and retainer; determine necessary action.	8186
C083	Assemble transmission/transaxle.	8186
C084	Inspect converter flex plate, attaching parts, pilot, pump drive, and seal areas.	8186
C085	Measure torque converter endplay and check for interference; check stator clutch.	8186
C086	Inspect, measure, and reseal transmission/transaxle oil pump assembly and components.	8186
C087	Measure transmission/transaxle endplay or preload; determine necessary action.	8186
C088	Inspect, measure, and replace transmission/transaxle thrust washers and bearings.	8186
C089	Inspect transmission/transaxle oil delivery seal rings, ring grooves, and sealing surface areas.	8186
C090	Inspect transmission/transaxle bushings; determine necessary action.	8186
C091	Inspect and measure planetary gear assembly (includes sun, ring gear, thrust washers, planetary gears, and carrier assembly); determine necessary action.	8186
C092	Inspect transmission/transaxle case bores, passages, bushings, vents, and mating surfaces; determine necessary action.	8186
C093	Inspect transaxle drive, link chains, sprockets, gears, bearings, and bushings; perform necessary action.	8186
C094	Inspect, measure, repair, adjust or replace transaxle final drive components.	8186
C095	Inspect and reinstall parking pawl, shaft, spring, and retainer; determine necessary action.	8186
C096	Inspect transmission/transaxle clutch drum, piston, check-balls, springs, retainers, seals, and friction and pressure plates; determine necessary action.	8186
C097	Measure transmission/transaxle clutch pack clearance; determine necessary action.	8186
C098*	Air test the operation of transmission/transaxle clutch and servo assemblies.	8186
C099	Inspect transmission/transaxle roller and sprag clutch, races, rollers, sprags, springs, cages, and retainers; replace as needed.	8186
C100	Inspect transmission/transaxle bands and drums; determine necessary action.	8186

CDX Tasksheet Number	TASKSHEET	Old NZ standards
C579	Dismount, inspect, and remount tire on wheel equipped with tire pressure sensor.	9074
C580	Inspect tire and wheel assembly for air loss; perform necessary action.	9074
C137*	Check propellor shaft balance and phasing; measure shaft runout; measure and adjust driveline angles.	11722
C366	Determine coolant condition and coolant type for vehicle application; drain and recover coolant.	15406
C367	Flush system; refill system with recommended coolant; bleed system.	15406
C368	Inspect and test cooling fan, fan clutch, fan shroud, and air dams; perform necessary action.	15406
C369	Inspect and test electric cooling fan, fan control system and circuits; determine necessary action.	15406
C399	Perform cooling system pressure tests; check coolant condition; inspect and test radiator, pressure cap, coolant recovery tank, and hoses; perform necessary action.	15406
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.	15406
C472	Identify information needed and the service requested on a repair order.	15406
C473	Identify purpose and demonstrate proper use of fender covers, mats.	15406
C475	Review vehicle service history.	15406
C476	Ensure vehicle is prepared to return to customer per school/company policy (floor mats, steering wheel cover etc).	15406
C477	Check and adjust engine oil level.	15406
C479	Check and adjust power steering fluid level.	15406
C480	Check and adjust brake fluid level.	15406
C481	Check and adjust windshield washer fluid level.	15406
C482	Check and replace wiper blades.	15406
C483	Check and adjust differential/transfer case fluid level.	15406
C484	Check and adjust transmission fluid level.	15406
C485	Inspect, replace, and adjust drive belts, tensioners, and pulleys; check pulley and belt alignment.	15406
C486	Inspect and replace air filter.	15406
C487	Determine fluid type requirements and identify fluid.	15406
C489	Diagnose fluid usage, level and condition concerns; determine necessary action.	15406
C490	Drain and fill transmission/final drive unit.	15406
C057	Identify and interpret transmission/transaxle concern; assure proper engine operation; determine necessary action.	15420
C075	Diagnose electronic transmission control systems using a scan tool; determine necessary action.	15421
C077	Remove and reinstall transmission and torque converter (rear-wheel drive).	15422
C078	Remove and reinstall transaxle and torque converter assembly.	15422
C448	Remove and replace timing belt; verify correct camshaft timing.	15446
C339*	Check for module communication (CAN/BUS) errors using a scan tool.	21093
C467	Identify standard and metric designation.	21670
C524	Select test equipment and test an automotive electrical circuit.	21676
C528	Demonstrate knowledge of a diesel fuel system.	21677
C429	Perform exhaust system back-pressure test; determine necessary action.	21678

CDX Tasksheet Number	TASKSHEET	Old NZ standards
C530	Remove, repair, and/or replace and or machine exhaust system.	21678
C498	Inspect and test a diesel (CI) fuel injector.	21692
C503	Replace diesel (CI) engine fuel filter.	21692
C529	Bleed air from a diesel fuel system.	21692
C224	Diagnose tire pull (lead) problem; determine necessary action.	21722
C225	Balance wheel and tire assembly (static and dynamic).	21722
C452	Utilize safe procedures for handling tools and equipment.	21858
C453	Identify and use proper placement of floor jacks and jack stands.	21858
C454	Identify and use proper procedures for safe lift operation.	21858
C456	Identify marked safety areas.	21858
C461	Comply with the safe use of safety glasses, gloves, shoes, during lab/shop activities.	21858
C462	Identify and wear appropriate clothing for lab/shop activities.	21858
C463	Comply with appropriate hairstyles for lab/shop activities.	21858
C508	Associated Studies Tasksheet - Workshop Key Skills: Identify personal protective equipment and safety features.	21858
C222	Rotate tires according to manufacturer's recommendations.	21869
C226*	Dismount, inspect, (repair,) and remount tire on wheel.	21869
C227	Reinstall wheel; torque lug nuts.	21869
C047	Inspect, replace, and adjust engine drive belts, tensioners, and pulleys; check pulley and belt alignment.	15406 + 243 + 244 + 21688 + 21691 + 878
C046	Perform cooling system, cap, and recovery system tests (pressure, combustion leakage, and temperature); determine necessary action.	15406 + 243 + 878
C056	Perform engine oil and filter change.	15406 + 244 + 21688 + 21691
C050	Test coolant; drain and recover coolant; flush and refill cooling system with recommended coolant; bleed air as required.	15406 + 244 + 21688 + 21691 + 878
C478	Check and adjust engine coolant level.	15406 + 878
C398	Verify engine operating temperature; determine necessary action.	15406 + 893
C469	Demonstrate proper cleaning, storage, and maintenance of tools and equipment.	21670 + 21669 + 21859
C466	Identify tools and their usage in automotive applications.	21671 + 21669 + 21859
C468	Demonstrate safe handling and use of appropriate tools.	21671+ 21669 +21859
C428	Inspect the integrity of the exhaust manifold, exhaust pipes, muffler(s), catalytic converter(s), resonator(s), tail pipe(s), and heat shield(s); perform necessary action.	21678 + 893
C304	Maintain or restore electronic memory functions.	233 + 3877
C307	Inspect and clean battery cables, connectors, clamps, and hold-downs; repair or replace as needed.	233 + 899 + 3877
C422	Replace fuel filters.	243 + 15406 + 893
C023	Adjust engine valves (mechanical or hydraulic lifters).	243 + 244 + 21688 + 21691

CDX Tasksheet Number	TASKSHEET	Old NZ standards
C025	Inspect and replace timing belts (chains), overhead camdrive sprockets, and tensioners; check belt/chain tension; adjust as necessary.	243 + 244 + 21688 + 21691 + 15446
C400	Verify correct camshaft timing.	243 + 892
C425	Inspect and test gasoline/petrol fuel injectors.	243 + 892 + 15406
C396	Diagnose engine mechanical, electrical, electronic, fuel, and ignition concerns with an oscilloscope and/or engine diagnostic equipment; determine necessary action.	243 + 892 + 893
C421*	Inspect and test (mechanical and electrical) fuel pumps and pump control systems for pressure, regulation and volume; perform necessary action.	243 + 893
C431	Diagnose engine oil leaks, emissions, and drivability problems resulting from malfunctions in the positive crankcase ventilation (PCV) system; determine necessary action.	243 + 893
C432	Inspect, test and service positive crankcase ventilation (PCV) filter/breather cap, valve, tubes, orifices, and hoses; perform necessary action.	243 + 893
C434	Inspect, test, service and replace components of the EGR system, including EGR tubing, exhaust passages, vacuum/pressure controls, filters and hoses; perform necessary action.	243 + 893
C439	Inspect and test catalytic converter performance.	243 + 893
C443	Inspect and test components of early fuel evaporation control system; perform necessary action.	243 + 893
C397	Prepare 4 or 5 gas analyzer; inspect and prepare vehicle for test, and obtain exhaust readings; interpret readings, and determine necessary action.	243+ 961
C013*	Remove cylinder head(s); Visually inspect cylinder head(s) for cracks; check gasket surface areas for warpage and leakage; check passage condition.	244 + 21688 + 21691
C014*	Install cylinder heads and gaskets; tighten according to manufacturer's specifications and procedures.	244 + 21688 + 21691
C015	Inspect engine valve springs for squareness and free height comparison; determine necessary action.	244 + 21688 + 21691
C016	Replace engine valve stem seals on an assembled engine; inspect valve spring retainers, locks, and valve grooves; determine necessary action.	244 + 21688 + 21691
C017	Inspect engine valve guides for wear; check valve stem-to-guide clearance; determine necessary action.	244 + 21688 + 21691
C018	Inspect engine valves and valve seats; determine necessary action.	244 + 21688 + 21691
C019	Check engine valve face-to-seat contact and valve seat concentricity (runout); determine necessary action.	244 + 21688 + 21691
C020	Check engine valve spring assembled height and valve stem height; determine necessary action.	244 + 21688 + 21691
C021	Inspect pushrods, rocker arms, rocker arm pivots and shafts for wear, bending, cracks, looseness, and blocked oil passages (orifices); determine necessary action.	244 + 21688 + 21691
C022	Inspect engine hydraulic or mechanical lifters; determine necessary action.	244 + 21688 + 21691
C024	Inspect camshaft drives (including gear wear and backlash, sprocket and chain wear); determine necessary action.	244 + 21688 + 21691
C026	Inspect camshaft for runout, journal wear and lobe wear.	244 + 21688 + 21691
C028	Establish camshaft(s) timing and cam sensor indexing according to manufacturer's specifications and procedures.	244 + 21688 + 21691

CDX Tasksheet Number	TASKSHEET	Old NZ standards
C029	Disassemble engine block; clean and prepare components for inspection and reassembly.	244 + 21688 + 21691
C030	Inspect engine block for visible cracks, passage condition, core and gallery plug condition, and surface warpage; determine necessary action.	244 + 21688 + 21691
C031	Inspect internal and external threads in engine blocks; restore as needed (includes installing thread inserts).	244 + 21688 + 21691
C032*	Inspect and measure engine cylinder walls/Sleeves for damage, wear, and ridges; determine necessary action.	244 + 21688 + 21691
C033	Deglaze and clean engine cylinder walls.	244 + 21688 + 21691
C034	Inspect and measure camshaft bearings for wear, damage, out-of-round, and alignment; determine necessary action.	244 + 21688 + 21691
C035	Inspect crankshaft for end play, straightness, journal damage, keyway damage, thrust flange and sealing surface condition, and visual surface cracks; check oil passage condition; measure journal wear; check crankshaft sensor reluctor ring (where applicable); determine necessary action.	244 + 21688 + 21691
C036*	Inspect (and measure) main and connecting rod bearings for damage and wear, (clearance and end play); determine necessary action (includes the proper selection of bearings).	244 + 21688 + 21691
C037*	Identify piston and bearing wear patterns that indicate connecting rod alignment and main bearing bore problems; (inspect rod alignment and bearing bore condition) and determine necessary action.	244 + 21688 + 21691
C038	Inspect and measure pistons; determine necessary action.	244 + 21688 + 21691
C039	Remove and replace piston pin.	244 + 21688 + 21691
C040	Inspect, measure, and install piston rings.	244 + 21688 + 21691
C041	Inspect engine auxiliary (balance, intermediate, idler, counterbalance or silencer) shaft(s); inspect shaft(s) and support bearings for damage and wear; determine necessary action; reinstall and time.	244 + 21688 + 21691
C042	Inspect or replace crankshaft vibration damper (harmonic balancer).	244 + 21688 + 21691
C043	Assemble the engine using gaskets, seals, and formed-in-place (tube-applied) sealants, thread sealers, etc. according to manufacturer's specifications.	244 + 21688 + 21691
C044	Perform engine oil pressure tests; determine necessary action.	244 + 21688 + 21691
C045	Inspect engine oil pump gears or rotors, housing, pressure relief devices, and pump drive; perform necessary action.	244 + 21688 + 21691
C054	Inspect auxiliary engine oil coolers; determine necessary action.	244 + 21688 + 21691
C049*	Inspect, test, and replace thermostat (and housing) and gasket.	244 + 21688 + 21691 + 878
C510	Associated Studies Tasksheet - Workshop Key Skills: Identify and document compliance and customer related vehicle workshop practices.	249 + 56
C002	Research applicable vehicle and service information, such as internal engine operation, vehicle service history, service precautions, and technical service bulletins.	249 + 243
C513	Identify and agree customer vehicle needs.	249 + 56

CDX Tasksheet Number	TASKSHEET	Old NZ standards
C166	Research applicable vehicle and service information, such as suspension and steering system operation, vehicle service history, service precautions, and technical service bulletins.	249 + 896
C286	Research applicable vehicle and service information, such as electrical/electronic system operation, vehicle service history, service precautions, and technical service bulletins.	249 + 898
C102*	Research applicable vehicle and service information, such as drive train system operation, Fluid type, vehicle service history, service precautions, and technical service bulletins.	249 + 921 + 922
C103	Locate and interpret vehicle and major drive train system component identification numbers (VIN, vehicle certification labels, calibration decals).	249 + 921 + 922
C058*	Research applicable vehicle and service information, such as transmission/trans-axle system operation, vehicle service history, service precautions, Fluid type and technical service bulletins.	249 + 935
C387	Research applicable vehicle and service information, such as engine management system operation, vehicle service history, service precautions, and technical service bulletins.	249 + 961
C338	Diagnose body electronic system circuits using a scan tool; determine necessary action.	3877 + 961
C313	Inspect and test switches, connectors, and wires of starter control circuits; perform necessary action.	8182 + 243
C435	Inspect and test electrical/electronic sensors, controls, and wiring of exhaust gas recirculation (EGR) systems; perform necessary action.	8182 + 893
C438	Inspect and test electrical/electronically-operated components and circuits of air injection systems; perform necessary action.	8182 + 893
C294	Check continuity and measure resistance in electrical/electronic circuits and components using an ohmmeter; determine necessary action.	887 + 898 + 899
C289	Use wiring diagrams during diagnosis of electrical circuit problems.	887 + 898 + 899
C291	Check electrical circuits with a test light; determine necessary action.	887 + 898 + 899
C292	Measure source voltage and perform voltage drop tests in electrical/electronic circuits using a voltmeter; determine necessary action.	887 + 898 + 899
C293	Measure current flow in electrical/electronic circuits and components using an ammeter; determine necessary action.	887 + 898 + 899
C295	Check electrical circuits using fused jumper wires; determine necessary action.	887 + 898 + 899
C296	Locate shorts, grounds, opens, and resistance problems in electrical/electronic circuits; determine necessary action.	887 + 898 + 899 + 8182
C285	Identify and interpret electrical/electronic system concern; determine necessary action.	887 + 899
C298	Inspect and test fusible links, circuit breakers, and fuses; determine necessary action.	887 + 899
C300	Repair wiring harnesses and connectors.	887 + 899
C301	Perform solder repair of electrical wiring.	887 + 899
C299*	Inspect and test switches, connectors, relays, solenoid solid state devices, and wires of electrical/electronic circuits; perform necessary action.	887 + 899 + 243
C288*	Diagnose electrical/electronic integrity of (for) series, parallel and series-parallel circuits using principles of electricity (Ohm's Law).	887 + 899 + 3877
C290	Demonstrate the proper use of a digital multimeter (DMM) during diagnosis of electrical circuit problems.	887 + 899 + 3877

CDX Tasksheet Number	TASKSHEET	Old NZ standards
C326*	Inspect and test sensors, connectors, and wires of electronic (digital) instrument circuits; determine necessary action.	887+ 8182
C297	Measure and diagnose the cause(s) of excessive key-off battery drain (parasitic draw); determine necessary action.	887+ 899
C419	Diagnose hot or cold no-starting, hard starting, poor drivability, incorrect idle speed, poor idle, flooding, hesitation, surging, engine misfire, power loss, stalling, poor mileage, dieseling, and emissions problems on vehicles with injection-type fuel systems; determine necessary action.	892 + 3400
C390	Diagnose abnormal engine noise or vibration concerns; determine necessary action.	892 + 893
C391	Diagnose abnormal exhaust color, odor, and sound; determine necessary action.	892 + 893
C392	Perform engine absolute (vacuum/boost) manifold pressure tests; determine necessary action.	892 + 893
C423	Inspect and test cold enrichment system and components; perform necessary action.	892 + 893
C446	Interpret evaporative emission related diagnostic trouble codes (DTCs); determine necessary action.	892 + 893
C405	Check for vehicle system module communication (including CAN/BUS systems) errors using a scan tool.	892 + 961
C406	Inspect and test computerized engine control system sensors, powertrain control module (PCM), actuators, and circuits using a graphing multimeter (GMM)/digital storage oscilloscope (DSO); perform necessary action.	892 + 961
C409	Diagnose drivability and emissions problems resulting from malfunctions of inter-related systems (cruise control, security alarms, suspension controls, traction controls, A/C, automatic transmissions, non-OEM-installed accessories, or similar systems); determine necessary action.	892 + 961
C514	Diagnose and rectify vehicle engine system and component faults.	892 + 961 + 8182 + 3400
C386	Identify and interpret engine performance concern; determine necessary action.	892 + 961 + 893
C388	Locate and interpret vehicle and major engine management system component identification numbers (VIN, vehicle certification labels, and calibration decals).	892 + 961 + 893
C401	Retrieve and record stored OBD I diagnostic trouble codes; clear codes.	892 + 961 + 893 + 3400
C404	Diagnose emissions or drivability concerns resulting from malfunctions in the computerized engine control system with no stored diagnostic trouble codes; determine necessary action.	892 + 961+ 8182 + 893
C407	Obtain and interpret scan tool data.	892 + 961+ 8182 + 893 + 3400
C403	Diagnose the causes of emissions or drivability concerns resulting from malfunctions in the computerized engine control system with stored diagnostic trouble codes.	892 + 961+ 893
C402*	Retrieve and record stored OBD II diagnostic trouble codes; clear codes when applicable.	892 + 961+ 893 + 3400
C408	Access and use service information to perform step-by-step diagnosis on engine systems.	892 + 961+ 893 + 3400
C325	Diagnose the cause of incorrect operation of warning devices and other driver information systems; determine necessary action.	899 + 8182
C249	Remove, inspect, and install drum brake wheel cylinders.	938 + 960
C520	Obtain and interpret engine performance data with a scan tool.	961 + 8182

CDX Tasksheet Number	TASKSHEET	Old NZ standards
C001	Identify and interpret engine concern; determine necessary action.	
C011*	Remove and reinstall engine in a late model front-wheel drive vehicle (OBD II or newer); reconnect all attaching components and restore the vehicle to running condition.	
C012*	Remove and reinstall engine in a late model rear-wheel drive vehicle (OBD II or newer); reconnect all attaching components and restore the vehicle to running condition.	
C066	Diagnose transmission/transaxle gear reduction/multiplication concerns using driving, driven, and held member (power flow) principles.	
C070	Inspect, repair, and replace transmission/transaxle governor assembly.	
C076	Inspect, replace, and align powertrain mounts.	
C158	Diagnose FWD & AWD noise, vibration, and unusual steering concerns; determine necessary action.	
C159	Inspect, adjust, and repair FWD & AWD shifting controls (mechanical, electrical, and vacuum), bushings, mounts, levers, and brackets.	
C160	Remove and reinstall FWD & AWD transfer case.	
C161	Disassemble, service, and reassemble FWD & AWD transfer case and components.	
C162	Inspect FWD front-wheel bearings and locking hubs; perform necessary action.	
C163	Check FWD & AWD drive assembly seals and vents; check lube level.	
C164	Diagnose test, adjust, and replace FWD & AWD electrical/electronic components of four-wheel drive systems.	
C223	Measure wheel, tire, axle, and hub runout; determine necessary action.	
C228	Inspect and repair tire.	
C267	Diagnose wheel bearing noises, wheel shimmy, and vibration concerns; determine necessary action.	
C268	Remove, clean, inspect, repack, and install wheel bearings and replace seals; install hub and adjust wheel bearings.	
C273	Replace wheel bearing and race.	
C274	Inspect and replace wheel studs.	
C275	Remove and reinstall sealed wheel bearing assembly.	
C284*	Identify traction control/vehicle stability control system components.	
C331	Diagnose incorrect heated glass operation; determine necessary action.	
C332	Diagnose incorrect electric lock operation; determine necessary action.	
C333	Diagnose incorrect operation of cruise control systems; determine necessary action.	
C336	Diagnose radio static and weak, intermittent, or no radio reception; determine necessary action.	
C412	Inspect and test ignition primary circuit wiring and solid state components; perform necessary action.	
C470	Identify sources of service information, Locate and use paper and electronic manuals, Locate and use Technical Service Bulletins.	
C474	Demonstrate use of 3 C's (concern, cause and correction).	
C488	Inspect powertrain mount; determine necessary action.	
C493	Identify and visually inspect A/C system components.	
C494	Locate refrigerant label and identify specified refrigerant type. (eg: R-12 R-134a)	

CDX Tasksheet Number	TASKSHEET	Old NZ standards
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.	
C499	Remove and refit rotary diesel (CI) fuel injector pump.	
C500	Bench test a rotary diesel (CI) fuel injector pump.	
C501	Remove and replace a live rear axle.	
C504	Demonstrate understanding of the correct methods of storage and disposal of lubricants, cleaning agents, & contaminates.	
C507	Use resistance welding equipment and produce a 10 spot weld.	
C511	Associated Studies Tasksheet: Vehicle Workshop Practices: Research and document organizational structures.	
C512	Carry out a vehicle safety inspection.	
C521	Carry out general engineering tasks in the motor industry.	
C522	Use an Oxy-acetylene welding plant.	
C531	Maintain stock security in the motor and related industries.	
C532	Select and use fastening systems used in the motor industry.	
C533	Store and use hazardous materials in the motor and related industries.	
C534	Identify the locations and functions of motor vehicle systems and main components.	
C535	Select and apply lubricants and sealants for automotive and related industry applications.	
C536	Prepare a vehicle and /or machine for use and shutdown after use.	
C537	Clean automotive components and maintain cleaning equipment.	
C538	Remove and replace exterior and interior motor body parts and trim in the motor industry.	
C539	Associated Studies Tasksheet - Use of number - Solve problems using calculations with numbers expressed in different forms.	
C541	Install engine covers using gaskets, seals and sealers as required.	
C542	Perform common fastener and thread repair to include, remove broken bolt, restore internal and external threads, and repair internal threads with thread insert.	
C543	Assemble engine block assembly.	
C550	Inspect and test non-hydraulic electric-power assist steering.	
C551	Identify hybrid vehicle power steering system electrical circuits, service and safety precautions.	
C552	Repair tire using internal patch.	
C553	Inspect, diagnose, and calibrate tire pressure monitoring system.	
C558	Remove and replace terminal end from connector	
C560	Identify location of hybrid vehicle high voltage circuit disconnect (service plug) location and safety procedures	
C561	Identify high voltage circuits of electric or hybrid electric vehicle and related safety precautions.	
C564	Identify system voltage and safety precautions associated with high intensity discharge headlights.	
C566	Using scan tool, observe and record related HVAC data and trouble codes.	
C567	Identify hybrid vehicle AC system electrical circuits, service and safety precautions.	
C570	Perform engine running compression test; determine necessary action.	

CDX Tasksheet Number	TASKSHEET	Old NZ standards
C571	Perform active tests of actuators using scan tool; determine necessary action.	
C572	Perform common fastener and thread repair to include, remove broken bolt, re-store internal and external threads, and repair internal threads with thread insert.	
C573	Perform oil and filter changes.	
C574	Demonstrate proficiency in using oxy-acetylene torch to heat and cut metal.	
C575	Identify hybrid vehicle internal combustion engine service precautions.	
C576	Visually inspect cylinder head(s) for cracks; check gasket surface areas for warpage and leakage; check passage condition.	
C577	Remove and reinstall cylinder heads and gaskets; tighten according to manufacturer's specifications and procedures.	
C581	Inspect and test hydraulically assisted power brake system for leaks and proper operation; determine necessary action.	
C582	Repair connectors and terminal ends.	
C584	Diagnose incorrect heated glass, mirror or seat operation; determine necessary action.	
C585	Identify refrigerant type; select and connect proper gauge set, record pressure readings; determine necessary action.	
C587	Perform battery capacity test(or conductance test) ; confirm proper battery capacity for vehicle application; determine necessary action.	