



	Level 1	Page 1/4
Red Seal Tasks	On-The-Job Duties	Completed
Performs safety-related functions	Handle, store, recycle or dispose of hazardous materials	
	Maintain & store PPE & safety equipment	
	Identify safety hazards specific to working on hybrid & EVs	
	Sharpen, lubricate or calibrate tools according to policy	
I I a a 2 a a a a a a a a a a a a a a a	Maintain solvent washers	
Uses & maintains tools &	Inspect hoisting, lifting & staging equipment for wear & defects	
equipment	Adjust controls on welding & cutting equipment	
	Interpret diagnostic results & reports	
	Create list & match replacement part to original part	
	Identify coolant type & verify coolant has been mixed properly	
D. d	Route & secure hoses, tubing & fittings to avoid damage	
Performs routine work	Relieve system pressure before removing filters	
	Lubricate, install, adjust bearings & install seals	
	Remove broken fasteners while minimizing damage to threads	
Uses communication & mentoring techniques	Participate in safety & information meetings	
	Select & use air pressure gauges, & electronic service tools	
Services, diagnoses & repairs air systems	Record pressure tests, leak down tests & inspect findings	
	Adjust or repair airlines, governors & brake chambers	
	Clean drums, shoes, pads, calipers, rotors, or brake lining	
Services, diagnoses & repairs brake systems	Perform inspection on ABS lights & brake performance	
	Repair & replace cables, cylinders & slack adjusters	

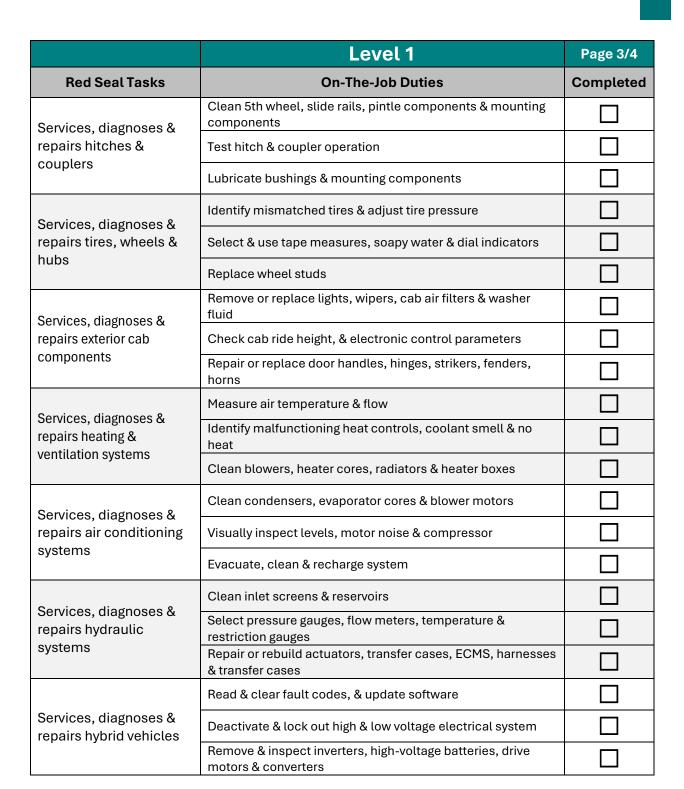






	Level 1	Page 2/4
Red Seal Tasks	On-The-Job Duties	Completed
Services, diagnoses & repairs battery systems	Clean battery components	
	Inspect & test battery system to assess condition	
	Replace or repair connecting cables	
Sanjigas diagnosas &	Select & use belt tension gauges & torque wrenches	
Services, diagnoses & repairs charging	Perform inspection for worn or defective alternators, belts or relays	
systems	Adjust belt tension	
	Identify worn cables, loose starter mountings & bad connections	
Services, diagnoses & repairs starting systems	Identify slow or constant cranking, intermittent starter operation	
	Clean starter connections & terminals	
Services, diagnoses &	Clean corroded terminals, sockets & junction boxes	
repairs electrical components &	Identify blown fuses, dim/bright lighting & hot components	
accessories	Apply anti-corrosion compound according to specifications	
	Measure king pins, drag links & tie rods	
Services, diagnoses & repairs steering systems	Interpret tire wear patterns	
	Adjust poppet valves, pitman arms, worn gears, caster	
	Record service information & inspection findings	
Services, diagnoses & repairs chassis/frames	Inspect for cracked frames & loose frame hardware	
	Modify frame by adding inserts, drilling frame or adjusting length	
Services, diagnoses & repairs suspensions	Inspect for defective U-bolts, leaf springs, saddles & torsion bars	
	Identify leaking shocks & worn bushings	
	Set ride height valves & align axles	











	Level 1	Page 4/4
Red Seal Tasks	On-The-Job Duties	Completed
Services, diagnoses & repairs electric vehicles (EV)	Measure charging rails	
	Identify lack of power, no vehicle movement & indicator lights	
	Deactivate & lock out high & low voltage electrical system & engine operating system	







	Level 2	Page 1/3
Red Seal Tasks	On-The-Job Duties	Completed
Uses communication & mentoring techniques	Demonstrate performance of a skill to an apprentice	
Services, diagnoses & repairs air systems	Adjust governing air pressures	
	Perform pressure tests, timed tests & leak down tests	
	Rebuild air compressors, air dryers & purge valves	
	Recalibrate ABS components	
Services, diagnoses & repairs brake systems	Perform tests to assess components for wear, damage or defects	
	Rebuild cylinders, calipers, air lines, hydraulic lines & ABS components	
	Lubricate tie rods, king pins & u-joints	
Services, diagnoses & repairs steering systems	Perform flow & pressure tests & record findings	
	Rebuild power steering box & hydraulic cylinders	
	Inspect frame rails, cross-members & gussets	
Services, diagnoses & repairs chassis/frames	Identify tire wear & loose chassis/frame components	
	Repair & replace cross-members, gussets & frame rails	
Services, diagnoses & repairs suspensions	Inspect torque rod bushings	
	Identify wandering, drifting, sagging, wheel hop & lack of stability	
	Repair leaf spring assemblies & align axles	
Services, diagnoses &	Adjust 5th wheel jaws & side rail locks	
repairs hitches & couplers	Test hitch & coupler operation	
	Repair & rebuild 5th wheel components	







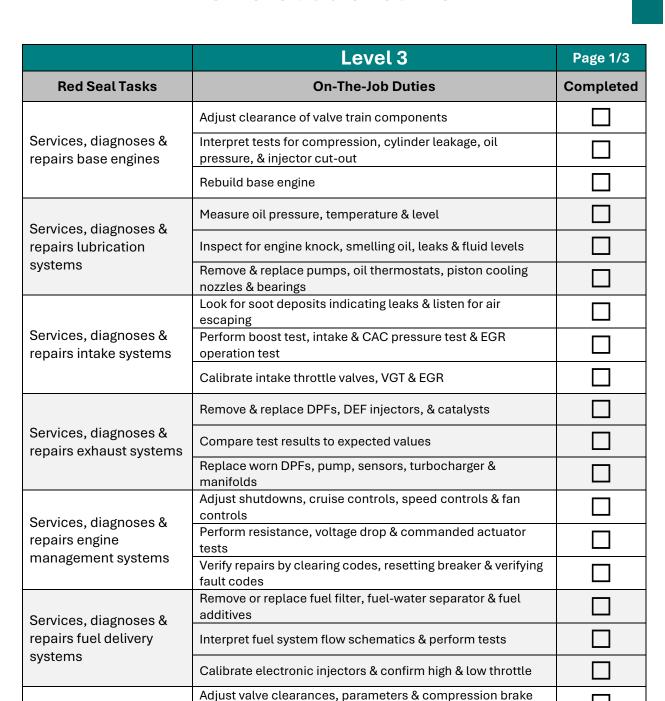




	Level 2	Page 3/3
Red Seal Tasks	On-The-Job Duties	Completed
Services, diagnoses & repairs starting systems	Inspect for loose starter mountings & arcing connections	
	Test starter draw	
	Remove & replace starter	
Services, diagnoses & repairs clutches	Lubricate cross shafts, linkages & release bearings	
	Inspect primary & secondary cylinders, related hoses & lines	
	Bleed air from primary & secondary cylinders	
Services, diagnoses & repairs automatic transmissions	Recycle & dispose of oil & filters	
	Check for external leaks & oil condition	
Services, diagnoses & repairs driveline systems	Record driveline service information & inspection findings	
	Check driveshaft for correct phasing & orientation	
	Select & use u-joint tool & hand tools	







Perform oil pressure, solenoid operation & electrical circuitry

clearances

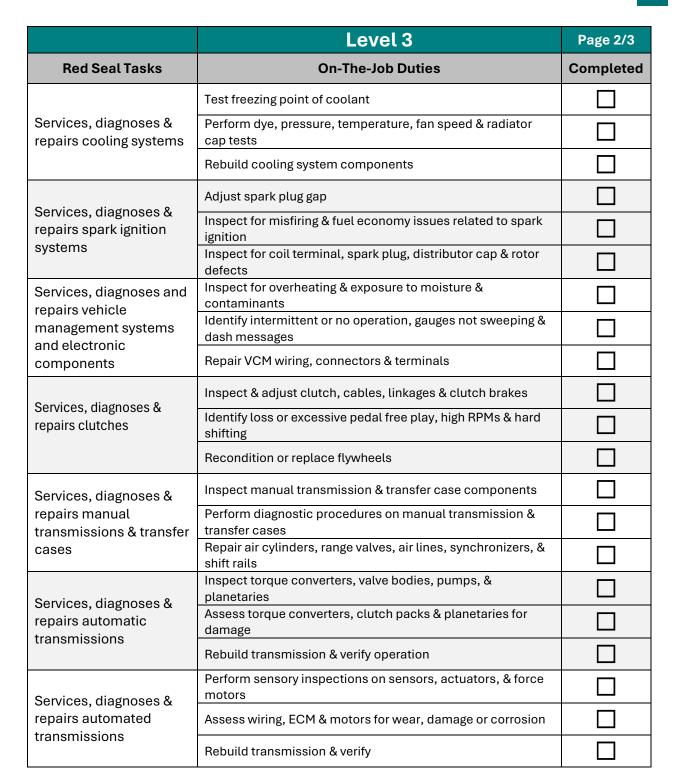
Repair harnesses



Services, diagnoses &

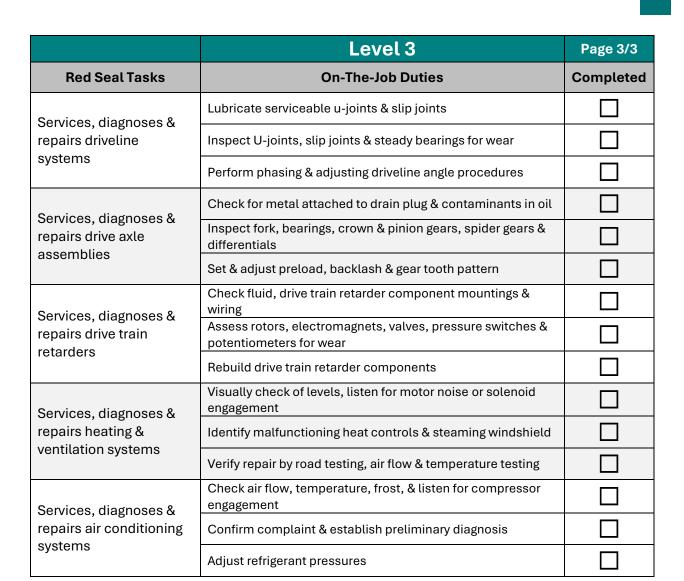
repairs engine retarder

systems



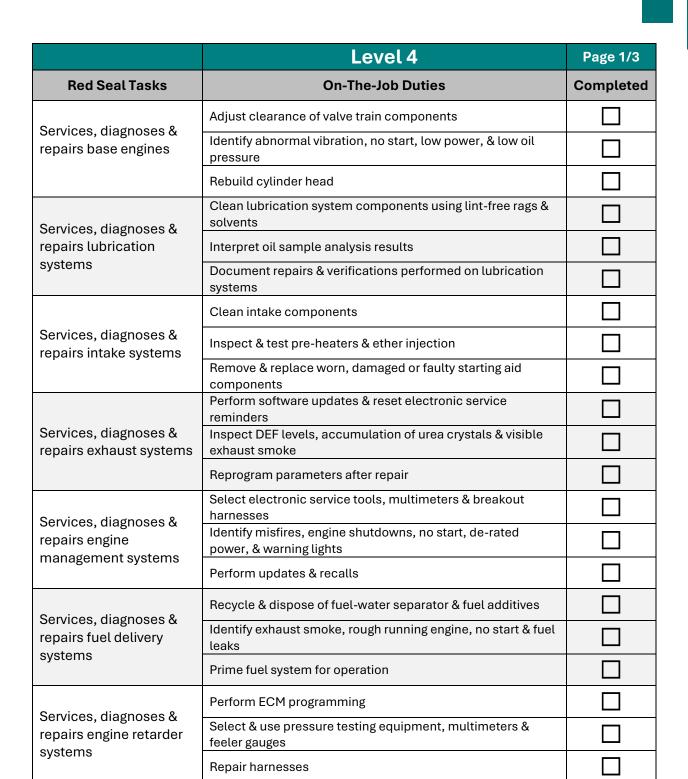






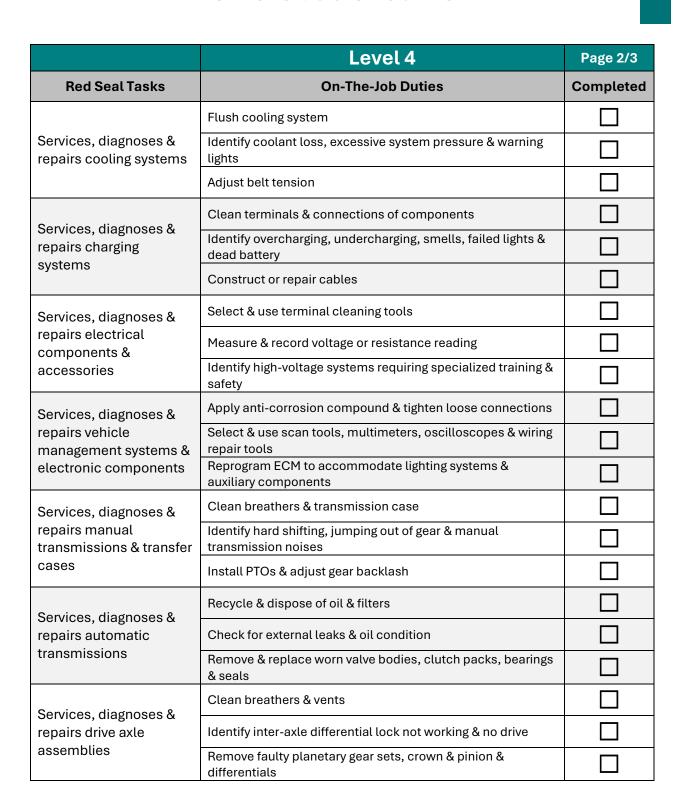


















	Level 4	Page 3/3
Red Seal Tasks	On-The-Job Duties	Completed
Services, diagnoses & repairs automated transmissions	Repair transmission & verify repairs	
Services, diagnoses & repairs drive train retarders	Record drive train retarders service information	
	Record drive train retarders test results & inspection findings	
	Remove & replace worn electromagnets, pressure switches, & potentiometers	
Services, diagnoses & repairs brake systems	Rebuild cylinders, calipers, air lines, hydraulic lines & ABS components	
Services, diagnoses & repairs steering systems	Rebuild power steering box & hydraulic cylinders	





Information Regarding the Checklist

Saskatchewan Apprenticeship and Trade Certification Commission's (SATCCs) On-The-Job Checklist provides a complete list of trade-specific Red Seal tasks for apprentices to complete under the supervision of a journeyperson. This work should be completed prior to attending the technical training level under which the duties are listed (e.g. Level 1 completed prior to attending Level 1 technical training).

Completing this checklist will ensure that apprentices are exposed to the full scope of a particular Red Seal trade throughout their apprenticeship program. It will also help prepare apprentices for each level of technical training by performing work on-the-job relating specifically to topics covered later on. The trade-specific tasks listed have been reviewed by certified journeypersons in Saskatchewan for their accuracy and have been set to an appropriate skill level.

An apprentice spends approximately 85% of their apprenticeship term training on-the-job. It is both the apprentice's and the employer's or journeyperson's responsibility to supervise an apprentice's practical skills development during their program.

To promote transparency and consistency, this document aligns with the 2022 Truck and Transport Mechanic Red Seal Occupational Standard (Employment and Social Development Canada).

A complete version of the Occupational Standard can be found at www.red-seal.ca

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