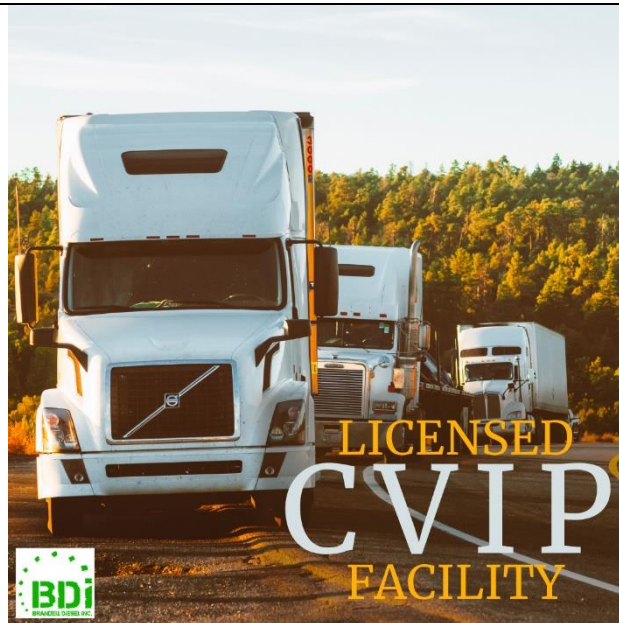


## CVIP – Commercial vehicle inspection program

---



The Commercial Vehicle Inspection Program in Alberta mandates that specific commercial vehicles that operate on the province's roads pass an inspection test. This test ensures that these vehicles are safe to drive and safe to be on the road. It protects the other drivers on the roads, the personnel who are driving the vehicles and the province's infrastructure.

CVIP inspections in Calgary are required annually for commercial trucks, light trucks, truck-tractors, trailers, or semi-trailers which operate intra-provincially and which have a combined gross vehicle weight of 11,794 kg or more. Commercial vehicles which operate inter-provincially and which have a combined gross weight of 4,500 kg or more must also have an annual inspection. Semi-annual inspections are required for any buses which seat more than 10, including the driver. Buses are excluded from CVIP inspections when operated for personal use.

The mandatory CVIP can not be used as a substitute for the regular preventative maintenance that is carried out, on the vehicle by the owner or the operator.

You can schedule a CVIP appointment at any licensed facility (we would be highly obliged if you use us though).

To search for these facilities you can visit

<http://www.transportation.alberta.ca/vis/production/vishome.asp> and schedule your appointment.

There is a network of private technicians, shops, and facilities that are licensed to provide this service. A licensed technician will test your vehicle's braking, steering, transmission, engine operation, defroster, electrical system, lighting, and more. The vehicle will also be lifted so that components such as the tires, exhaust system, and suspension can all be evaluated.

In 2018. Over a three-day period, about 42 per cent of commercial vehicles were put out of service by roadside police because of various defects and non-compliance related issues. Some of the most common issues found by the police were: brake adjustments, permits, load security and load weight. One of the most glaring defects was found on a gravel truck hauling an empty, 16-wheel gravel trailer. Of the 16 tires on the trailer, 10 required

replacement. While the truck hauling the trailer passed inspection, the trailer was put out of service and has since been taken off the road. A total of 86 tickets were issued over the three-day period.

To help out with passing these inspections and keeping your trucks running in good condition we have put a checklist of preventative maintenance together. Using this list will definitely help you in keeping up with your inspections and keeping your overall operating costs low.

Brakes – regularly check for brake adjustments, wear and tear, stopping and air system performance

Battery – Specially in cold weather batteries must be checked frequently for charge loss and performance. The age of the battery, the conditions of use (cold weather) etc can majorly affect battery performance. On roads with severely bad driving conditions during winter, batteries must check for any loose connections and secure mounting. 72 months is a good baseline to maintain for battery replacement.

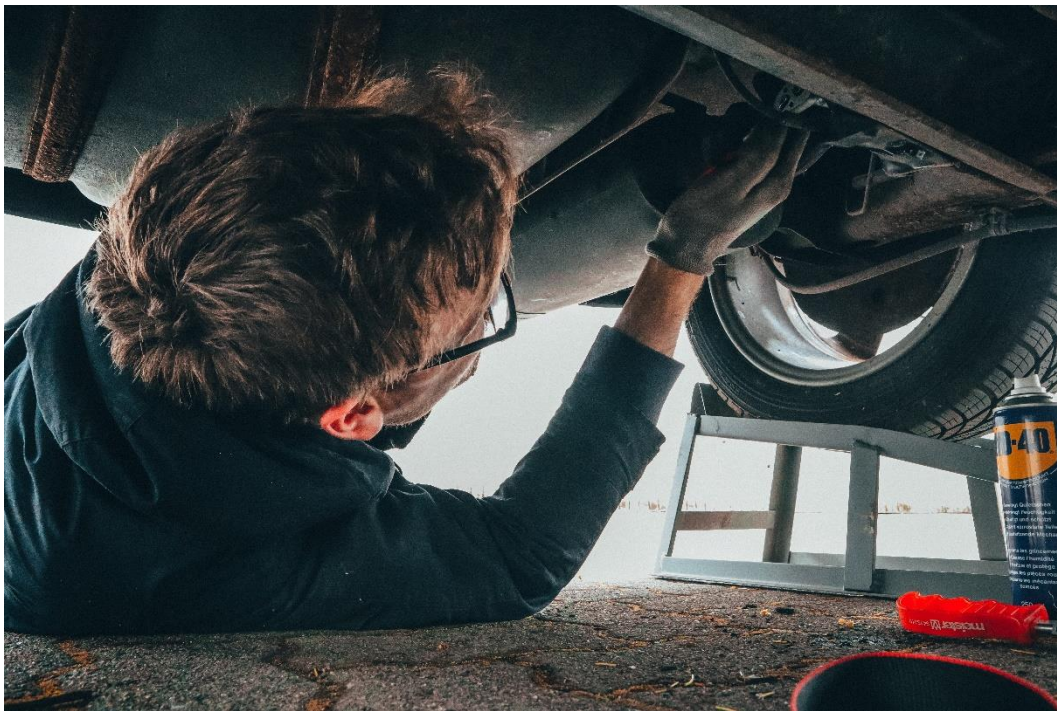
Tires – All truck tires must be regularly checked for tread depth (as dictated by DOT) and grip. Make sure that all tires inflate to the required capacity and hold air at that pressure. In cold climates, the internal tire pressure will drop causing less grip on the road at high speeds and reducing fuel economy. Underinflated tires can damage the frame, provide unequal load weight distribution and increase the risk of accidents.

Steering system – excessive wheel play indicates too much wear and tear.

Temperature control unit and monitoring device – cabin and trailer control units must be properly calibrated, tested and in working condition

Suspensions – no broken suspensions, noises or irregular movements in the ride should be experienced

Exhaust system – soot build must be cleared, exhaust gas recirculation valves must operating properly and catalytic convertor must be in working condition to trap unwanted emissions.



We at Brandell Diesel Inc. are a licensed CVIP facility. Our expert personnel are always ready to help you schedule your CVIP appointment. We also schedule and manage regular preventative maintenance appointments with you so that your vehicle remains in good condition all the time.

If your CVIP has expired current Alberta legislation allows the vehicle to return to a facility to obtain the inspection. The vehicle must not stop anywhere on its way to the facility. If stopped, make sure you provide our phone number (403-271-0101) and the confirmation of the CVIP appointment.

*A little about me and my business*

*My name is Brandon Mendell. Owner, leader and diesel engine enthusiast at Brandell Diesel Inc. I take great pride in running, fixing and appreciating diesel engines. As a boy growing up on the farmlands on Southern Alberta with my father I developed a love for these machines and have carried on, on the path for the past 20+ years.*

*We proudly serve companies, fleets and individual owners of diesel engine vehicles and personally look to it that we do whatever it takes of save our customers any downtime. We are known all across the province of Alberta for our fast turn around times on diesel engine vehicle repairs and the rescue service we provide on the roads with our trucks.*

*Don't hesitate to call me at 403 271 0101 for repairs or consultation on your diesel engine vehicles.*

*I look forward to hearing from you my friend !!*