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Thank Goodness it's Over

I think that was enough snow for everyone and the best part - we didn't get a lot of flooding! It always amazes me how the plant life survives and then how quickly everything greens up and flourishes.

A few months ago we were happy to add Licenced Technician Gerald McIntyre to our team. He comes with over 30 years of experience.

Automotive repair is an extremely involved and tough industry. Its great adding all those years of experience.

We are asking all of you to help us grow Lanpro through our referral program. If you give out one of our referral cards and that person brings it in, you will receive a Thank You Gift Certificate of \$25.00 — \$50.00, and you will be entered into a draw to win an Ipad. One in ten chance of winning. Call us for more details.

Spring Tune/Check Up time is here. Our roads are abusing our cars. Don't just do an oil change. Have your vehicle checked out thoroughly so you can have safe and breakdown free driving.

Love the sun and it means lake time again!

Warmly,

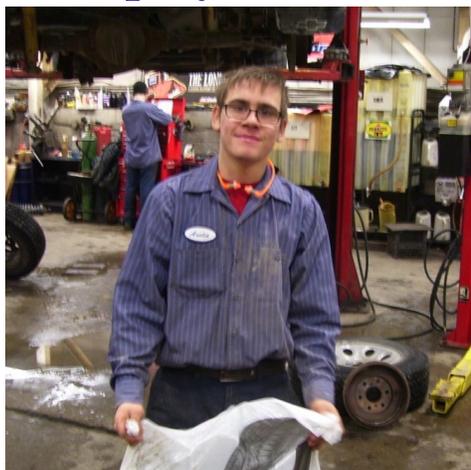
*Lance Reinheimer
President*



Mission Statement

To have the ultimate client experience ever.

Employee Profile



**Austin Sucharyna
Technician**

Started at Lanpro: January 3, 2017

Experience prior to Lanpro: 8 months

Education: Graduated Grade 12 from John Taylor Collegiate June 2015

Interests/Hobbies: Reading, video games, driving and cooking.

“Ultimate Service So You Can Have Safe and Breakdown Free Driving”

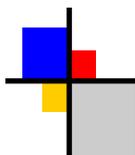


Figure Out Why Your Car is Overheating



It's okay for you to blow off steam from time to time, but your car? Not so much. An overheating engine is more than a bummer, it can be an expensive engine killer that will leave you on the side of the road, then on to the repair shop for a serious repair bill. If your car has been running hot, you know the feeling. You're sitting in traffic, the light turns green, and you pray that traffic breaks enough for you to get some air flowing over the radiator so that the engine temperature needle will go down just a little bit. It's beyond stressful, and there's no reason you should be forced to endure this. The fact is, there are usually a few culprits to look into when your engine is running hot.

1. LOW COOLANT

By a large margin, the most common cause for engine overheating is simply low coolant level. Your engine's cooling system relies on coolant to circulate and remove heat from the engine. If you don't have enough coolant in there to do the job, heat will build up and your engine will overheat. No amount of running the heater in the summer will help if you

don't have enough coolant in the radiator to transfer that heat. By far, the first thing you should do if your engine seems to be running hot is check your coolant level.

2. ELECTRIC COOLING FAN FAILURE

If you have an electric cooling fan that isn't coming on, this can cause your engine to overheat. The electric cooling fan draws cooler air through your radiator when your car isn't going fast enough to ram it through from the front.

You can test this by letting your car idle long enough for the engine to heat up. If you've been having an overheating problem in traffic, keep an eye on your temperature gauge. When it starts creeping into the danger zone, look under the hood to see if your electric fan is running. If it's not you'll need to figure out why.

There are two usual causes to this:

2a. Bad Electric Fan: Sometimes your fan motor will just burn out & your fan won't come on at all. To test this, find your radiator fan switch and disconnect the wiring harness. Get a jumper wire and insert it into both contacts, your fan should come on. Another way to test the fan is to turn on the air conditioning. Most, but not all, cars activate the cooling fan at either a medium or high speed when you turn on the AC.

2b. Bad Radiator Fan Switch:

There is a switch that tells your cooling fan to come on when your coolant reaches a certain temperature. The easiest way to test this switch is to disconnect the wiring harness and then run a jumper wire across the harness contacts. If the fan comes on, you need to replace the switch.



3. THERMOSTAT NOT OPENING

The most common symptom of a failed thermostat is overheating at highway speeds. Your engine may be able to stay cool at low speeds because it's not working that hard, and therefore not creating as much heat. But at highway speeds your engine needs lots of coolant flowing through. If the thermostat doesn't open, there isn't enough flow to keep this cool, and you'll find yourself looking more like a steam ship than a sedan going down the highway.





Wash that salt off

Figure Out Why Your Car is Overheating continued

4. BROKEN FAN BELT

There are still lots of engines out there which have a fan belt to drive the engine cooling fan. If you see a belt attached to your fan, you're in this club. The good news is your repair is always cheaper than the electric guys. You can replace your fan belt easily if it's broken.

5. CLOGGED RADIATOR

If your car has more than 80,000 kms on it, your radiator could start getting gummed up. You can avoid this and other problems associated with old coolant by flushing your radiator every year. There's nothing good about an overheating problem. If your engine is running hot you should try to fix the problem as quickly as possible. A hot engine can do damage to itself, even if you aren't going into full overheating. Check your oil regularly to be sure you are providing adequate lubrication to your engine, everything you can do to reduce heat build up helps!

Remember, its super important to keep an eye on your engine temperature. I hear lots of people say that their engines are "running hot" and they don't seem too concerned. Fixing a

cooling problem is usually fairly inexpensive, even if it involves a trip to the repair shop. On the other hand, engine damage due to a neglected cooling system and regular overheating can be so expensive that you'll consider getting rid of the car altogether.



The flowers are coming!

Your Vehicle's Oxygen Sensors: Explained

Professional athletes and military personnel use sensor technology during strenuous exercise.

The sensors let them monitor their oxygen consumption and assess their cardiovascular fitness. As automotive manufacturers continue to work to optimize performance and efficiency on the road—your vehicle now contains like themed technology. Every new car on the road comes equipped with oxygen sensors as part of the vehicle's emissions control system.



One of the many locations of oxygen sensors in the exhaust

Oxygen and Your Engine

As you may know, most engines operate through the process of combustion - otherwise known as burning. Key components of combustion include fuel and oxygen. Your vehicle's engine operates in the same way. But not just any mix of oxygen and fuel will do.

Lean vs Rich Mixture

If your car's O2 sensor detects a low air fuel to fuel mixture, your engine has too little fuel. This is also known as a lean mixture and can result in poor performance or

worse—engine damage. On the other hand, a rich air to fuel mixture means there is too much fuel in the mix. Rich mixtures result in an excess of fuel following combustion and this unburned fuel creates emissions. Oxygen sensors detect this delicate balance in an effort to minimize detonation and keep your car's engine running at peak performance.

SHOP TALK - ON THE LIGHTER SIDE

TO ALL THE KIDS WHO SURVIVED THE 1930s, '40s, & '50s!!

First, we survived being born to mothers who may have smoked and/or drank while they were pregnant. They took aspirin, ate blue cheese dressing, tuna from a can & didn't get tested for diabetes.

Then after that trauma, we were put to sleep on our tummies in baby cribs, covered with bright colored lead-based paints. We had no childproof lids or medicine bottles, locks on doors or cabinets. When we rode our bikes, we had baseball caps, not helmets, on our heads.

As infants & children, we would ride in cars with no car seats, no booster seats, no seat belts, no air bags, bald tires & sometimes no brakes. Riding in the back of a pick-up on a warm day was always a special treat.

We drank water from the garden hose and not from a bottle. We shared one soft drink with 4 friends, from one bottle and no one actually died from this. We ate cupcakes, white bread, real butter & bacon. We drank Kool-Aid with real white sugar. And we weren't overweight. WHY? **Because we were always outside playing....that's why!**

We would leave home in the morning & play all day, as long as we were back when the streetlights came on. No one was able to reach us all day. AND we were OKAY. We would spend hours building our go-carts out of scraps & then ride them down the hill, only to find out we forgot the brakes. After running into the bushes a few times, we learned to solve the problem.

We did not have Play Stations, Nintendo's & Xboxes. There were no video games, no 150 channels on cable, no video movies or DVDs, no surround-sound or CDs, no cell phones, no personal computers, no internet & no chat rooms. **WE HAD FRIENDS** & we went outside and found them!! We fell out of trees, got cut, broke bones & teeth, and there were no lawsuits from those accidents.

We would get spankings with wooden spoons, switches, ping-pong paddles or just a bare hand, and no one would call child services to report abuse. We ate worms & mud pies made from dirt & the worms did not live forever.

We were given BB guns for our 10th birthday, 22 rifles for our 12th, rode horses, made up games with sticks & tennis balls, & although we were told it would happen-we did not put our very many eyes. We rode bikes, or walked to a friend's house & knocked on the door or rang the bell, or just walked in & talked to them.

Little League had try outs & not everyone made the team. Those who didn't had to learn to deal with disappointment. Imagine that! The idea of a parent bailing us out if we broke the law was unheard of. They actually sided with the law!

These generations have produced some of the best risk takers, problem solvers & inventors ever! The past 60 to 85 years have seen an explosion of innovation & new ideas. We had freedom, failure, success & responsibility, & learned how to deal with it all.

So Congratulations if you are one of those born between 1925-1955.

You might want to share this with others who have had the luck to grow up as kids before the lawyers & the government regulated much of our lives for our own good. While you are at it, send this to your kids, so they will know how brave & lucky their parents were.

**Newest Technician
Gerald McIntyre**



Comments, questions, or anything else you'd like to tell us.

Contact us at:
lance@lanproauto.com, if its personal only my eyes (Lance) will see it. If it is a testimonial or something all should see it will be shared with all staff.

Check out our website: www.lanproauto.com Email: lanpro@mts.net

HOURS: MONDAY - FRIDAY 7:30AM - 5:30PM

***SATURDAY 8:00AM - NOON *CLOSED LONG WEEKENDS**

“Ultimate Car Care”