

NOISE AND VIBRATION PROBLEMS

Have you found yourself wondering, "Why is my vehicle vibrating?" while you drive? Are you wondering why your tyres are suddenly noisy on the road? These signs are your vehicle's way of telling you it needs a little attention!

Don't ignore this shaking, as it could be a sign of more serious problems! Vibration problems can affect the speed, handling and mileage of your vehicle. Impacts, pulling, or vibration could be indicators of tyre damage as much as mechanical problems that should be inspected by a professional as soon as possible.

Tyres are one of the top culprits for tyre vibration problems and, luckily, many of these issues can be remedied with a simple balance or rotation.

Below are the most common (but not the only) causes of noise and vibration problems:

- Mounting-Balancing – Tyre wheel assembly is out of balance - Requires a tyre balance. Read more about it here.
- Installation problems - If there is a problem with your tyres and the way they have been installed, they will most likely begin to shake and vibrate your vehicle at between 50 and 65 mph.
- No hub centric rings on aftermarket wheels
- Incorrect mounting hardware for aftermarket wheels
- Tyre is poorly seated on the rim
- Irregular tyre wear - Remedied by a simple tyre rotation
- Out of round rim or tyre - Every tyre and wheel begins as basically round. Outside forces can occasionally cause your tyres or wheels to develop a variance in it's circumference that is more than the manufacturer allows. This is called "out of round," and can usually cause a vibration. Tyres and wheels that are out of round often require replacement.

While these are some of the most common causes of noise and vibration problems, they are not the only ones. Be sure to have your car troubles diagnosed by a professional as quickly as you can.