

Every Tyre Tells A Story

The front and rear tyres of your car tell a story. They provide our Pedders technicians with important basic information.

As various steering and suspension components become worn they contribute to particular tyre wear patterns. Knowing what causes these irregular tyre wear patterns ensures the real problem is tracked down.

Pedders' trained technicians have this vital knowledge. The ability to recognise faults contributing to poor handling and undue tyre wear is the basis of our business.

If the tyres on your car are showing signs of uneven wear, chances are there is something faulty and it needs to be repaired or replaced. Worn ball joints, bushes, tie rod ends and shock absorbers will cause uneven tyre wear, which is the first indication that there is a problem with the steering or suspension.



Feathering: This is caused by erratic scrubbing against the road when the tyre is in need of toe-in or toe-out alignment correction.



Over-inflation: This can cause premature wear in the centre of the treaded area of the tyre, as the centre of the foot print is in contact with the road surface more that it was designed for.



Under-inflation: When a tyre is underinflated, most of its contact with the road is on the outer tread rib, or shoulder, causing faster wear here than in the middle. Be sure to check the tyre's air pressure.



One-side wear: Here's another type of alignment problem; excessive camber, which means that the tyre is leaning too much to the inside or outside of the tread, and placing all work on one side of tire.



Cupping: This means the car may need wheels balanced, or new shock absorbers or ball joints, or both.

PEDDERS TECH CHECK & REPORT

By analysing the test results found in the Tech Check & Report, the Pedders technicians can provide an informed evaluation of the condition of your vehicle's under car components. The Pedders Performance Factor is one way of comparing results with the industry standard.

Remember, suspension and steering components including shock absorbers, struts, bushes and springs wear out gradually. That's the problem! You become used to the faults your car has developed over many thousands of kilometres. It's not until someone points out the problem or you drive another car of similar make and model in better condition that you become aware of a potentially dangerous condition.

By having a Pedders Tech Check & Report performed on your car at least every 12 months, you will have peace of mind.



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www.pedders.com.au

PEDDERS TECH CHECK & REPORT



Straight advice, specialists you understand and... **No Bull**

What's the first thing you notice when you drive a new car?

In short, your car is aging and it needs a check up. At Pedders we recommend our Pedders Tech Check & Report.

For most people it's the smooth ride and extra comfort, precise handling and the feeling of direct and responsive steering. If the car you drive is over three years old, then it has probably lost most of its "as new" qualities. What causes this is normal wear and tear of the suspension components such as the shock absorbers and the bushes that connect all the moving parts.

A routine undercar inspection can provide you with vital information on the condition of your vehicles working components.



Pedders Tech Check & Report Policy

Any component that is likely to become unserviceable within 6 months or 10,000kms of the inspection, based upon our experience of both the vehicle type & model, kilometres travelled and likely driving situation, will be recommended for replacement.

PEDDERS TEST LANE

Pedders Test Lane

Available at Test Lane and Test Lane Plus stores.

The function of the Pedders drive on test lane is to conduct a comprehensive evaluation on the condition of your vehicle's shock absorbers/suspension, brakes and wheel alignment*.

There Are Several Parts To Our Drive On Test Lane Procedure



Slip Plate Test: The slip plate test indicates if there is any problem with the toe angle which is an area of the wheel alignment that commonly causes excessive tyre wear.



Suspension Test*: Your car will be subjected to a simulated procedure, which will assess the performance of the vehicle's suspension; this enables accurate evaluation.



Axle Weight Test*: The test lane measures the front and rear axle weight of the vehicle. This information is vital for checking to see if the vehicle weight falls within its gross vehicle mass (G.V.M.) which is ideal information for people who use their vehicle to carry heavy loads or tow regularly.



Brake Force Test: The brake force test uses dynamic rollers to check the braking system. This test measures brake force on each wheel individually to assess if there is any variation in effectiveness for the service and park brake systems.

Following on from the test lane report, our trained specialist technicians will then carry out an Under Car Inspection of the suspension and steering, including a Visual Brake check, which includes Pads, Rotors, Master Cylinder and Brake fluid.

**Note: Test Lane stores are equipped to only carry out the axle weight and suspension test. Please visit www.pedders.com.au for further information on our range of Test Lane and Test Lane Plus stores.*

The Pedders Tech Check & Report is suited for cars that may have any of the following conditions:

- Feels generally unsafe
- Braking unevenly
- Due for a routine undercar inspection
- Uneven tyre wear
- Pulling to one side while driving
- Noisy steering and/or suspension
- Steering wheel is off centre
- Rough ride

PEDDERS TECH CHECK & REPORT

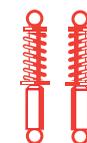


Drive on Test Lane & Suspension/Shock Absorber Test

Available at Test Lane and Test Lane Plus Stores

Our trained specialist technicians will drive your vehicle onto the Pedders Test Lane which will systematically test your vehicles potential for tyre wear, weight*, shock absorbers*, suspension* and brakes.

In the absence of a Test Lane Our Trained Technicians will conduct the following:



Shock Absorber Test

For Non Test Lane Pedders locations we have adequate alternative shock absorber evaluation methods. Most cars will be subjected to a simulated condition which enables evaluation of your shock absorbers.

Note: Unfortunately, as shock absorbers deteriorate over thousands of kilometres, it is often the case that a vehicle's safety is gradually compromised via increased braking distances, unstable cornering and various stability concerns.

Once either one of the above tests has been made our trained technicians will then move on to conduct the following checks and report.



Brake Pad & Rotor Inspection

Check and Report on the wear and operating condition of these components, removing wheels as required.



No Obligation Analysis and Written Report

Pedders staff are trained to know how to accurately evaluate the results of the report. So should your vehicle require work to be carried out to ensure its safety and dependability, we will outline for you within a scale of urgency the options available to you, using only Pedders approved components.

This is a no obligation report, so you can decide what suits you best.