



ADVANCED DRIVER SYSTEMS



ABOUT US

Founded with over a decade of automotive expertise and a vision to revolutionise the delivery of on-site vehicle services, Advanced Driver Systems has firmly established itself as a leader in diagnostics, programming, and Advanced Driver Assistance Systems (ADAS) calibration. By blending unparalleled industry experience with a commitment to excellence, the company offers a mobile, versatile, and customer-centric approach that ensures convenience without compromising quality.

Equipped with state-of-the-art technology, Advanced Driver Systems utilises cutting-edge tools and techniques to meet the highest industry standards. Their capabilities include specialised Module Reprogramming and SCN Coding for new control units, with a particular focus on precision diagnostics and programming for European vehicles. By exclusively working with OEM (Original Equipment Manufacturer) equipment, the company guarantees factory-standard results, ensuring vehicles are restored to their optimal performance.



ON THE DAY
SERVICE



FULLY
LISCENSED



SPECIALISE IN
ALL CAR BRANDS



PROFESSIONAL
LEADERS



OUR SERVICES

More information can be found at advanceddriversystems.com.au

VEHICLE DIAGNOSTIC SCAN

Most vehicles today are computerised, allowing cars to be thoroughly checked with self-running diagnostic tests to keep your vehicle in working order.

We digitally analyse your car's various computer systems and components with softwares that work whenever your car's engine is powered to monitor various features and create data reports that can then be collected and analysed during a car diagnostic test.

Car diagnostic tests are typically carried out when a vehicle's dashboard displays a "check engine" signal or other warning light illumination. They can also be performed as part of regular maintenance arrangements and when repairs have been carried out.

ADAS CALIBRATIONS

Advanced driver-assistance systems (ADAS) are electronic systems in a vehicle that use advanced technologies to assist the driver.

ADAS uses sensors in the vehicle such as radar and cameras that either provide information to the driver or take automatic action based on what it perceives.

This includes blind spot, adaptive cruise control, windscreen camera calibrations, cross traffic alert, autonomous braking, obstacle detection and collision mitigation. Most ADAS features rely on a group of cameras or radar sensors in order to function.

Performing a calibration can correct misalignment, so that your vehicles ADAS system can function as intended. It is important to update this feature after repairs as the ADAS features may not function.

MODULE REPROGRAMMING

This is a software design technique that emphasises separating the functionality of a program into independent, interchangeable modules, such that each contains everything necessary to execute only one aspect of the desired functionality.

We focus on programming, update and configuration of all modules/control units that are replaced or require updates such as:

- Coding of driver assist modules such as radar, BSM modules, Windscreen module
- Headlight SCN coding and programming
- Tyre pressure sensor recalibrations
- Key programming & lock replacement
- ABS & steering rack module programming
- Parking sensors & obstacle detection

SRS AIRBAG REPLACEMENT

Has your Airbag warning light come on and is staying on? There are a number of reasons why this can occur.

If the SRS system in your vehicle is not active & your airbag light is on or flashing, this requires an airbag replacement therefore meaning driving a vehicle with an inactive SRS system is putting your passengers and yourself at risk and leaving you unprotected while on the roads. In the case of your SRS Airbag warning sign comes on, do not continue driving, call us & we'll come to you!

- Remove and refit of deployed airbags and seatbelt restraints.
- Program and code airbag modules and SRS diagnostics.
- Have you safe & protected on the road in no time.

HYBRID & ELECTRIC VEHICLES

At Advanced Driver Systems, we offer comprehensive services tailored to the unique needs of Electric Vehicles (EVs) and Hybrid vehicles. Our expertise covers all aspects of EV and Hybrid care, including precise diagnostics, efficient repairs, and safe decommissioning and recommissioning.

We also specialise in EV battery removal and refit, ensuring every component is handled with the utmost care. Our team of fully licensed and highly skilled technicians is equipped with advanced tools and adheres to strict safety protocols, giving you peace of mind that your vehicle is in expert hands.

Whether it's routine maintenance or complex repairs, we are committed to keeping your EV or Hybrid running smoothly and safely.

OUR PROCESS

At ADS, we take pride in being recognised as professional leaders in the automotive industry. Fully licensed and equipped with cutting-edge tools, we specialise in working with every car brand, providing services that go above and beyond to restore your vehicle to its original factory standards. Unlike others, we exclusively use OEM (Original Equipment Manufacturer) equipment, avoiding aftermarket products entirely to ensure your car retains its original quality, safety, and performance. As a trusted one-stop shop, we streamline the entire repair and calibration process, offering a hassle-free experience from start to finish.

Our process begins with a quick and efficient booking system, where we provide prompt quotes within 24 hours, often with same-day service availability. Using advanced diagnostic technology, we meticulously analyse your car’s computer systems to pinpoint the root of any issues. Our team then performs precise calibrations to correct any misalignments, ensuring that systems like ADAS function exactly as the manufacturer intended. We proceed to program and update all necessary modules and control units, always adhering to the highest factory standards.

Once the updates are complete, we conduct a comprehensive post-diagnostic scan to verify that all issues have been fully resolved. To finalise the process, we carry out thorough operational test drives to confirm your vehicle is operating smoothly and safely. Throughout every step, our expert team’s focus on precision and quality ensures a flawless result. With our unmatched professionalism, original equipment usage, and commitment to excellence, we deliver a service that truly sets us apart, keeping your car running like new and maintaining its factory integrity.

1. CONTACT AND BOOK WITH US

After contacting us, we'll go back to you with a quote in 24 hours and possibly on the day service.

3. DIAGNOSE THE PROBLEM

After the scan, we're able to pinpoint exactly what your car needs to run smoothly again.

5. CALIBRATION TESTS

Performing a calibration corrects misalignment, so that your vehicles ADAS system can function as intended.

7. DIAGNOSTIC POST SCAN

We then re-run the diagnostic scan to ensure that all problems have been addressed.

2. DIAGNOSTIC PRE SCAN

We digitally analyse your car's various computer systems and components with specialised softwares

4. PROGRAM NEW MODULE

Next, we program and update all of your car modules and control units.

6. OPERATIONAL TEST DRIVES

To finish, a safety and operational test drive is completed to confirm that everything is in working order.



CONTACT US

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