



Repair work concerning ADAS Vehicles

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Pre-Calibration
Triage, Assessment &
Preparation



Before any work starts on the vehicle, assess if you have the capability to manage the full repair process.

Pre-Calibration Triage, Assessment & Preparation

Primary goal: *Assess whether the vehicle has ADAS sensors fitted, which systems they are enabling, and clearly identify the locations of the sensors using the following methods:*

1. Direct questioning of the vehicle owner.
2. Researching the vehicle model fitment information.
3. Use of 3rd party VIN or registration look up tools for fitment data.
4. Inspect the vehicle, refer to the repair planning guide
5. Use Diagnostic Tools to check vehicle data to verify what ADAS sensors are fitted.
6. Record what sensors are on the vehicle being repaired.



Where no ADAS sensors are fitted, record for audit purposes that no ADAS are fitted and no inspection, calibration and realignment is required.

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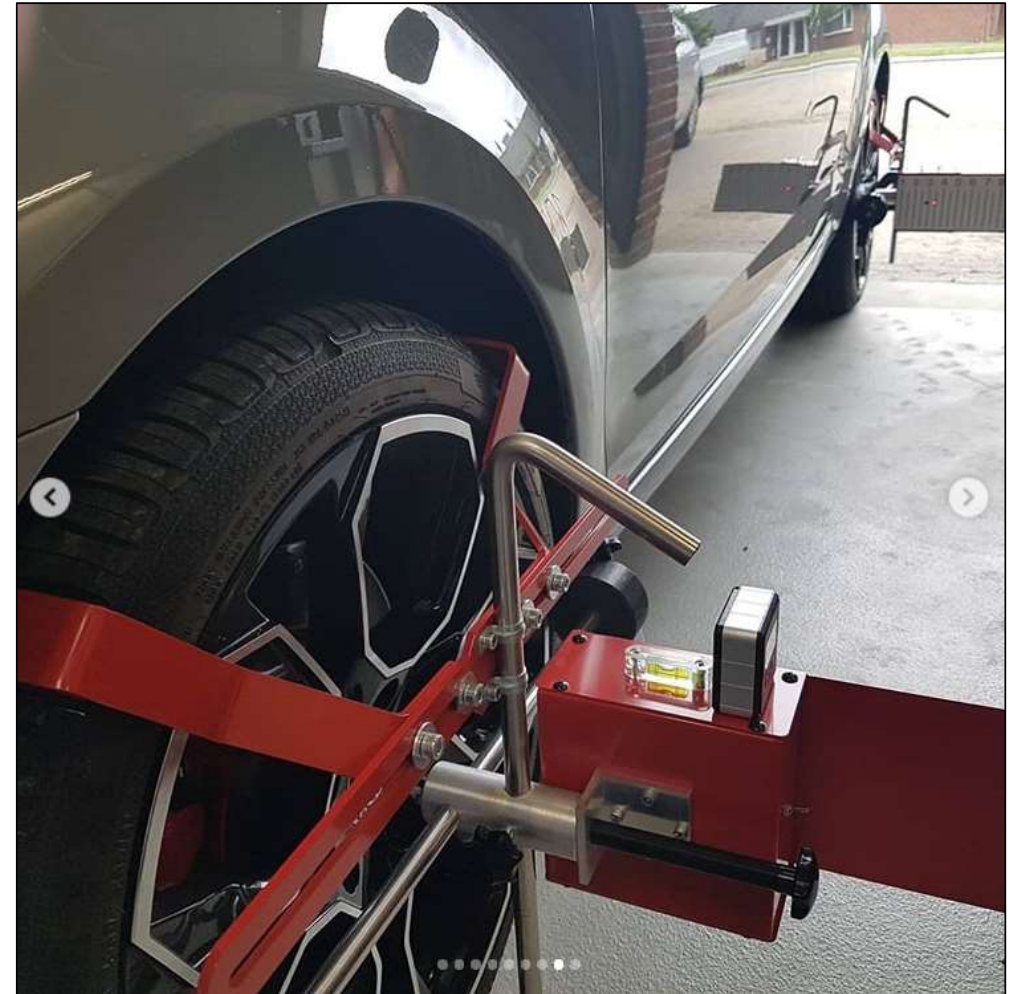
Assessment Outcomes:

Do you have the capabilities to manage the full repair process?



It is your responsibility to validate and record the capabilities of any 3rd party to which you sublet ADAS calibrations.

ADAS Calibration



When is there a requirement to calibrate (IIG)?

Inspection, realignment and calibration requirements must be considered in all repair situations where ANY of the following is included within the repair, service or maintenance procedure:

- ADAS sensors,
- parts likely to affect the operation and functionality of ADAS sensors, or
- vehicle geometry

ADAS calibration industry guidance (IIG)



A repairer shall IN ALL CASES:

1. identify the presence, or not, of ADAS on the vehicle and ensure this is recorded.
2. where ADAS are present, ensure repair procedures clearly identify if inspection, realignment and calibration are required and why.
3. complete all relevant inspection, realignment and calibration activities as detailed within the repair procedures.
4. *inspection, calibration, realignment and road tests shall be carried out by a currently competent person.*
5. ensure the calibration results confirm that the sensors are functioning within the vehicle manufacturer's technical specification.
6. produce fully verifiable and auditable records and provide a copy to the Owner / Work Provider.

When do we need to calibrate?

Typical workshop cases include:

- After windscreen replacement
- Body repairs
- Wheel Alignment
- Suspension work
- Mechanical work that means front panel / bumper / radar mount is moved (e.g. Audi cambelt - longitudinal)

ADAS (IIG) Insurance Companies Mandating



ADAS Calibration – Competent Person (IIG)



All inspection, calibration and realignment activities should be completed by currently competent persons.

Competence should be proven through relevant and up to date, industry recognized, certified assessments or training programs with assessed outcomes.