



VAS 6331

3D Wheel Aligner

Recommended by Volkswagen AG



WORKSHOP
EQUIPMENT





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VAS 6331 – The Third Dimension in Wheel Alignment

Offering quicker alignment times with increased accuracy and stability the VAS 6331 stands for reliable wheel alignment and premium design quality. Not only does it add to the professional appearance of your workshop, but it also improves productivity and performance levels.

Unique features of VAS 6331:

- Employing John Bean's legendary 3D digital imaging technology, the VAS 6331 measures the vehicles alignment in 3 dimensional space, thereby delivering absolute and more accurate data than conventional alignment systems. Measuring the vehicles alignment in 3D also removes the dependence on the lift as an alignment reference plane.
- Thanks to the intuitive, user-friendly Pro32 software the alignment process flows automatically guiding the operator with clear instructions and easy to understand colour graphics. The operator's intervention is required only for simple data inputs.

- VAS 6331 does not require conventional run-out compensation therefore no jacking of the vehicle is required. Instead a simple time saving operation called vehicle positioning is performed where the vehicle is rolled a short distance backwards and then forward.
- The VAS 6331 aligns a car quicker than conventional alignment systems. The operator only has to enter some basic data, mount the four targets to the wheels, perform vehicle positioning and caster swing to get complete alignment readings within minutes.
- Has the most flexible and shortest positioning distance among aligners world-wide, which increases it's flexibility and reduces investment into sophisticated, expensive lifts.
- Live graphic displays are shown when making adjustments on the vehicle, therefore eliminating the time-consuming switching between screens.
- The VAS 6331 is available with mobile camera lift to suit the individual workshop requirement.

- Our extensive service network and dedicated training centre guarantee a professional technical backup, from initial product training right through to after-sales service and support.
- VAS 6331 complies with VAG workshop standards. It can be easily integrated into garage network systems and vehicle specs can be downloaded via the servicenet.

ACC Calibration:

ACC/ADR and LDW calibration can be performed using a single camera. Unlike other alignment systems the targets remain on the wheel, avoiding the time-consuming task of re-location.



EXTENT OF DELIVERY

3D Digital camera system	•
Camera beam lift; working level 0-2 m	•
PC with Pro 32 software, vehicle specs, VW specs	•
HDD, DVD and USB drive	•
20" TFT wide-screen monitor	•
IR remote control unit	•
Loudspeaker	•
Set of 4 Wheel clamps and targets, 11"-22" clamping capacity	•
A4 colour printer with data lead and power cord	•
Steering wheel holder	•
Brake pedal lock	•
Mobile control console	•

TECHNICAL DATA

	Measuring range	Resolution
Single wheel toe, front / rear end	± 35°	1'
Total toe, front / rear end	± 60°/40°	1'
Max. steering angle	50°	1'
Camber, front / rear end	± 55°	1'
Caster, front end	± 30°	1'
SAI	± 30°	1'
Thrust angle	± 35°	1'
Power supply	V	115 – 230
Supply frequency	HZ	50/60
Operating temperature	°C	0 – +45
Resolutions of readings, available in	Degrees, minutes	1'
	decimal degrees	0.01
	inch	1/64
	mm	0,1

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