SCANIA WHEEL ALIGNMENT

CUTTING EDGE TECHNOLOGY FOR YOUR WORKSHOP



BAD WHEEL ALIGNMENT WILL RUIN YOUR CUSTOMER'S ECONOMY!

A properly aligned vehicle can reduce fuel consumption costs by up to 5%. Bad wheel alignment also increases tire wear. A wheel alignment diagnosis gives you the opportunity to plan ahead. With the help of the wheel angle measurements from a diagnosis, necessary adjustments can be made and you can avoid unnecessarily high fuel consumption and tire wear costs.

CALCULATION EXAMPLE 1

Fuel cost reduction: 3% Mileage/year: 200 000 km Fuel price: 1.1 EUR/litre

Fuel consumption: 4 litres/10 km

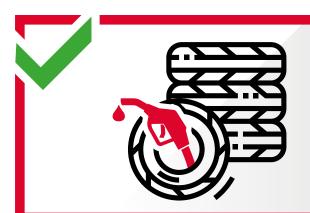
Total cost reduction/year:

0.03*200 000*1.1*0.4 = 2 640 EUR

CALCULATION EXAMPLE 2

Premature tire change, 2 tires/year

Tire cost: 350 EUR/tire Cost reduction/year: 350*2 = 700 FUR



Estimated
fuel/tire cost
reduction per year:
3 340 EUR*



WHAT HAPPENS WHEN THE WHEELS ARE MISALIGNED?



- BAD STEERING CAPABILITY AND DRIVING DISCOMFORT
- MECHANICAL WEAR
- INCREASED AIR RESISTANCE
- INCREASED TRACKING SENSITIVITY

- INCREASED FUEL CONSUMPTION
- TRAFFIC HAZARDOUS VEHICLE
- INCREASED TIRE WEAR

JOSAM I-TRACK II PREMIUM

Josam i-track II is able to measure every vehicle from vans and buses to heavy-duty trucks and trailers, alone or in combination. It is even able to align huge construction vehicles such as cranes.

I-track II premium allows you to measure a truck with up to five axles (three steered and two rigid), or a combined vehicle with up to six axles, with the base kit. Universal magnetic wheel adapters are quickly attached to the wheel nuts, thereby easing operation on vehicles with aluminum rims. With additional wheel adapters, even more axles can be measured.

The wheel alignment procedure is guided by an animated software, minimizing all possible operator's mistakes.



WHEEL ALIGNMENT AS IT SHOULD BE, ADVANCED YET SIMPLE

Description	Specification
Measuring range	
Toe	±25°
Camber	-5° +10°
Caster	±20°
KPI	±20°
Max. turn	60°
Measuring accuracy	
Toe	±0.25 mm/m*
Camber	±3 min*
Operational time	12 h
Charging time	5 h

^{*} For each measuring head



SCANIA WHEEL ALIGNMENT I-TRACK II PREMIUM, 16651

Electronic wheel alignment and diagnostic tool (trucks, buses and combined vehicles)

Item #	Qty #	Ref nr	Name
1	1	SCANIA WA ITRACK II PREMIUM	Basic kit i-track II premium
0	in the second		200 mm

Disclaimer: the magnetic wheel adapters JT732-1 and JT732-2 are designed to fit virtually all Scania trucks (with standard flat nuts M22 and M24, as well as spanner sizes 33.0–37.5 mm). For domed nuts and smaller dimensions, a firm attachment can not be guaranteed.

TWO FREE WHEEL ADAPTERS! When ordering the I-track II premium kit, two additional wheel adapters JT732-2 are provided free of charge.



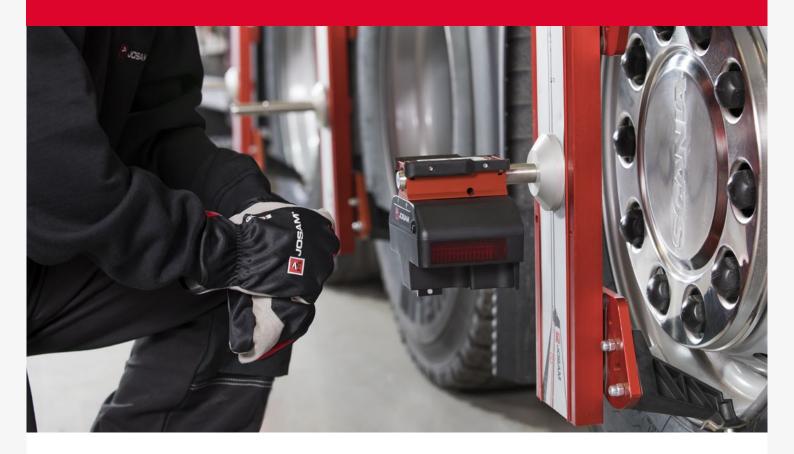


JOSAM I-TRACK II CLASSIC

Josam i-track II is able to measure every vehicle from vans and buses to heavy-duty trucks and trailers, alone or in combination. It is even able to align huge construction vehicles such as cranes.

i-track II classic allows you to measure a truck or combined vehicle with up to five axles with the base kit. Universal wheel adapters are attached to the wheel rims. With additional wheel adapters, even more axles can be measured.

The wheel alignment procedure is guided by an animated software, minimizing all possible operator's mistakes.



MEASURE A 6×2 VEHICLE IN FOUR MINUTES

Description	Specification
Measuring range	
Toe	±25°
Camber	-5° +10°
Caster	±20°
KPI	±20°
Max. turn	60°
Measuring accuracy	
Toe	±0.25 mm/m*
Camber	±3 min*
Operational time	12 h
Charging time	5 h

 $^{^{\}ast}$ For each measuring head



SCANIA WHEEL ALIGNMENT I-TRACK II CLASSIC, 16499

Electronic wheel alignment and diagnostic tool (trucks, buses and combined vehicles)

Item #	Qty #	Ref nr	Name	
1	1	SCANIA WA ITRACK II CLASSIC	Basic kit i-track II classic	
0			200 mm ★ 10 mm	•
	Or-s	1-000		,
4 0				



SCANIA WHEEL ALIGNMENT I-TRACK II, OPTIONS AND ACCESSORIES

Electronic wheel alignment and diagnostic tool (trucks, buses and combined vehicles)

Item #	Qty #	Ref nr	Name
1	1	15562 / JT717	Additional kit, mobile targets scales
2	1	15563 / JT718	Additional kit for trailer/centre line
3	1	16522 / TRAILER KIT CLASSIC	Additional kit for (semi-)trailers
4	2*	16476 / JT732-1	Magnet wheel adapter, short
5	2*	16477 / JT732-2	Magnet wheel adapter, long
6	2*	16539	Pair of wheel adapters for light commercial vehicles/vans













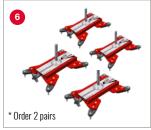












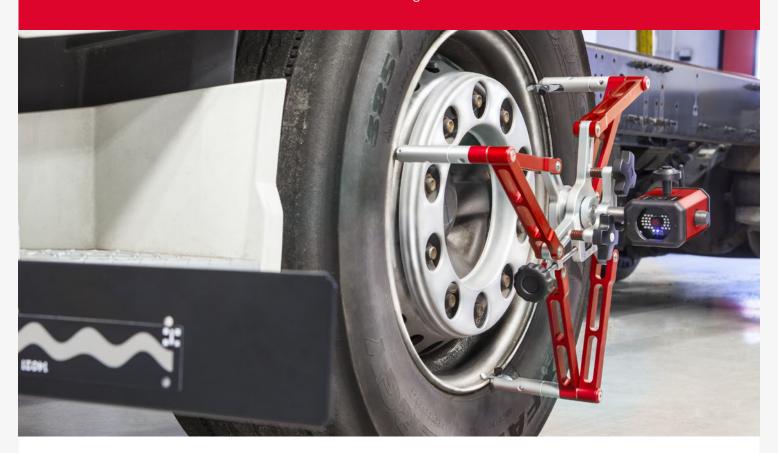


JOSAM CAM-ALIGNER

Cam-aligner is an extremely robust and flexible system, allowing you to measure anything from an army tank to a pickup, even in the harshest of environments.

Enabled by the unique rolling method, toe and camber measurements may be taken while the vehicle is in driving position. No lifting of the axles with run-out compensation is required, alternatively the system can also be operated with standard run-out procedure.

Wireless technology is used for transmitting data between measuring units and the computer. The computer software guides the user through the measuring process and prints out measurement reports of values, before and after alignment.



FAST WHEEL ALIGNMENT FOR ANY VEHICLE. ANYWHERE.

Description	Specification
Measuring range	
Toe	±40 mm/m
Camber	±6°
Caster	±20°
KPI	±20°
Max. turn	65°
Measuring accuracy	
Toe	±0.2 mm/m (for each camera)
Camber	±3 min (for each camera)
Operational time	14 h
Charging time	3 h
Computer requirements	See latest updated information on www.josam.se



SCANIA WHEEL ALIGNMENT CAM-ALIGNER, 15825

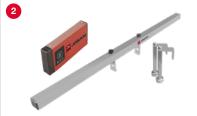
Electronic wheel alignment (trucks, trailers and semi-trailers)

Item #	Qty #	Ref nr			Name		
1	1	SCANIA WA CAMAL	IGNER		Basic set Car	m-aligner	
1		0.1					SCANIA Wood daywar
			7.7		⇔ ∂		

OPTIONS

Item #	Qty #	Ref nr	Name
1	1	72103 / CA ALU K	Additional kit for aluminum rims
2	1	75661 / CA ANGLE K A	Additional kit for inclinometer
3	1	72244 / CA BUS K	Additional kit for buses
4	2*	14478 / JT295 A	Turntable with non-friction plate for individual front suspension (buses)
5	1	16594 / CA MULTI K-2	Scania additional kit for multi-axle rolling





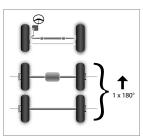








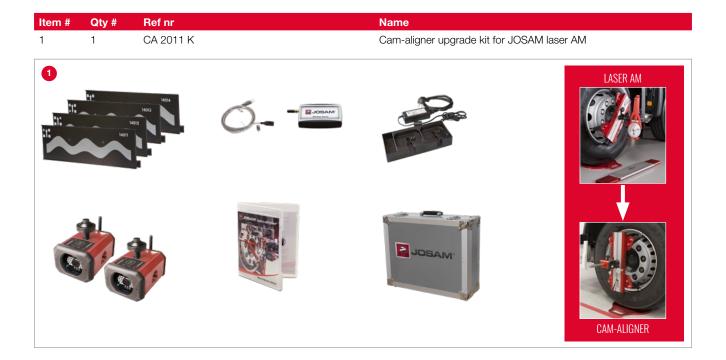






SCANIA WHEEL ALIGNMENT CAM-ALIGNER UPGRADE A, 74320

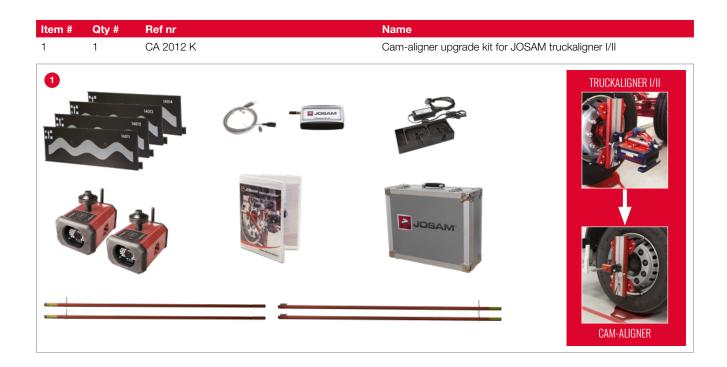
Electronic wheel alignment (trucks) upgrade from Laser AM -> Cam-aligner



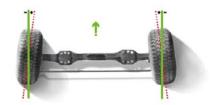
SCANIA WHEEL ALIGNMENT CAM-ALIGNER UPGRADE B, 74321



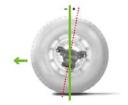
Electronic wheel alignment (trucks) upgrade from Truckaligner I & II -> Cam-aligner



THE SCANIA WHEEL ALIGNMENT SYSTEMS CAN MEASURE THESE WHEEL ANGLES:



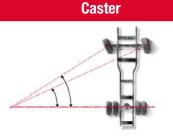




Toe



Camber



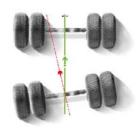
Steering gear middle position

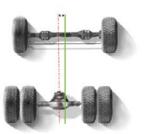
KPI

Toe-out on turn









Maximum turn

Parallelism

Out of square

Offset

JOSAM IS REPRESENTED ALL OVER THE WORLD. TO FIND YOUR NEAREST DISTRIBUTOR, PLEASE VISIT WWW.JOSAM.SE



REPRESENTATIVE:

MANUFACTURER:



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