

SCANIA WHEEL ALIGNMENT 2025

CUTTING EDGE TECHNOLOGY FOR YOUR WORKSHOP



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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, FUEL

Fuel cost reduction: 3%

Mileage/year: 200,000 km

Fuel price: 1.5 EUR/litre

Fuel consumption: 4 litres/10 km

Total cost reduction/year:

$0.03 \times 200,000 \times 1.5 \times 0.4 = \mathbf{EUR\ 3,600}$

CALCULATION EXAMPLE, TIRES

Premature tire change, 2 tires/year

Tire cost: 350 EUR/tire

Cost reduction/year:

$350 \times 2 = \mathbf{EUR\ 700}$



Estimated
fuel/tire cost
reduction per year:
EUR 4,300*

* Cost for wheel alignment not included in the calculation

Source, fuel cost reduction:

Survey performed during 2013 on 500 vehicles from 12 different companies
by the research institute TNO, Holland

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

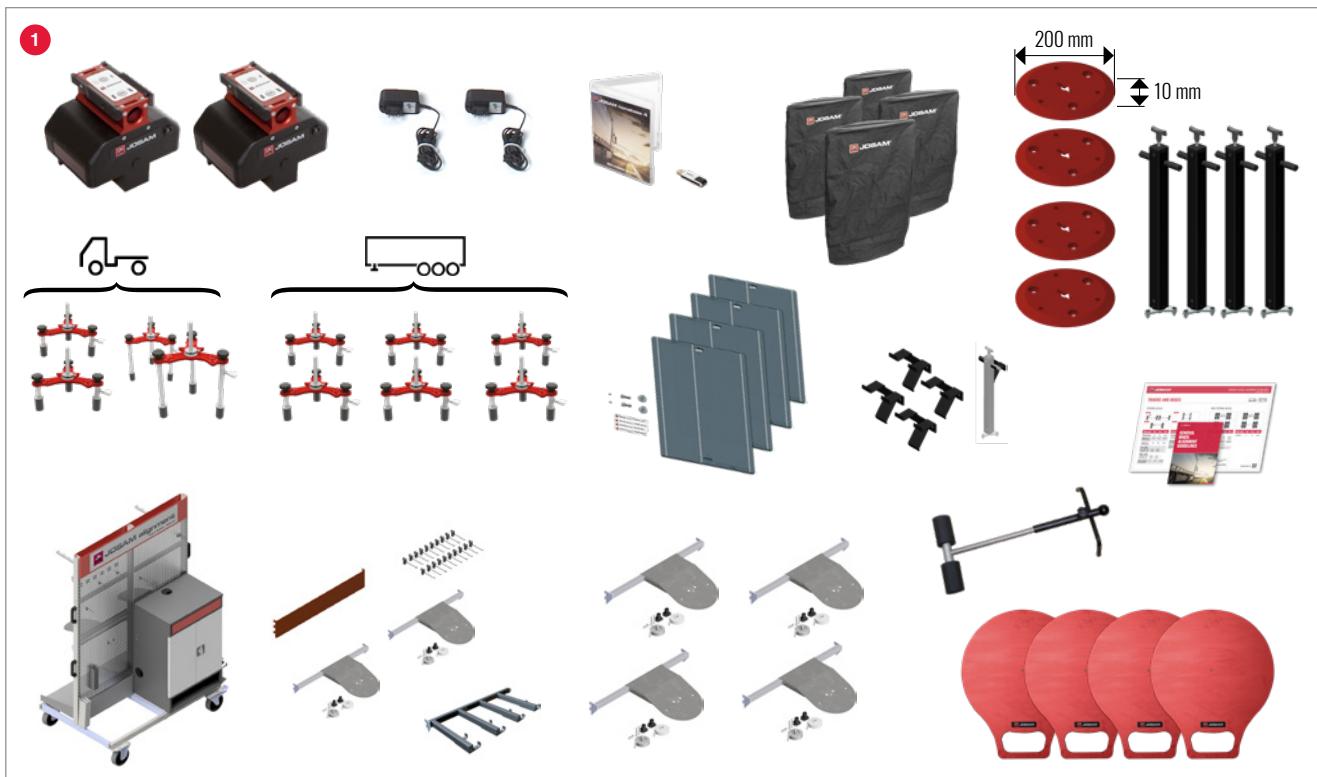
* For each measuring head



SCANIA WHEEL ALIGNMENT I-TRACK II PREMIUM, 16651

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

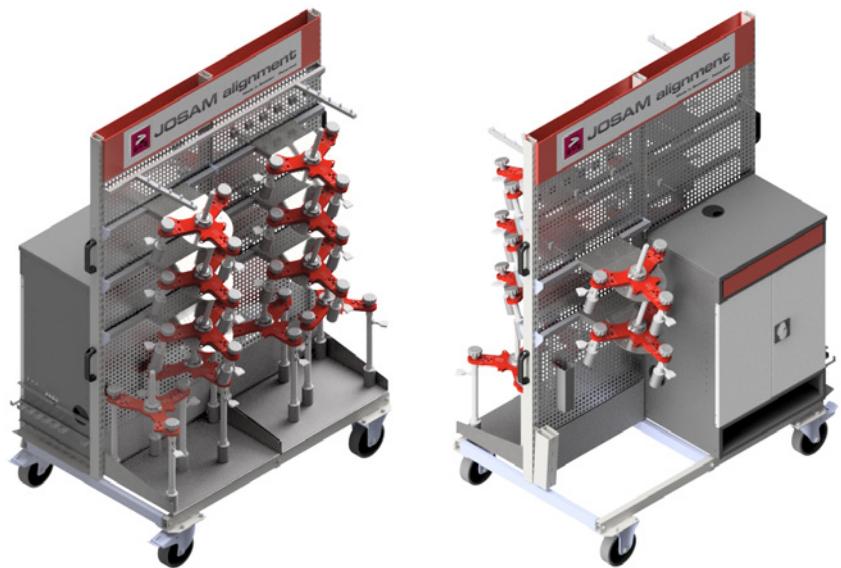
Item #	Qty #	Ref nr	Name
1	1	SCANIA WA ITRACK II PREMIUM	Basic kit i-track II premium



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 (10+2).



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

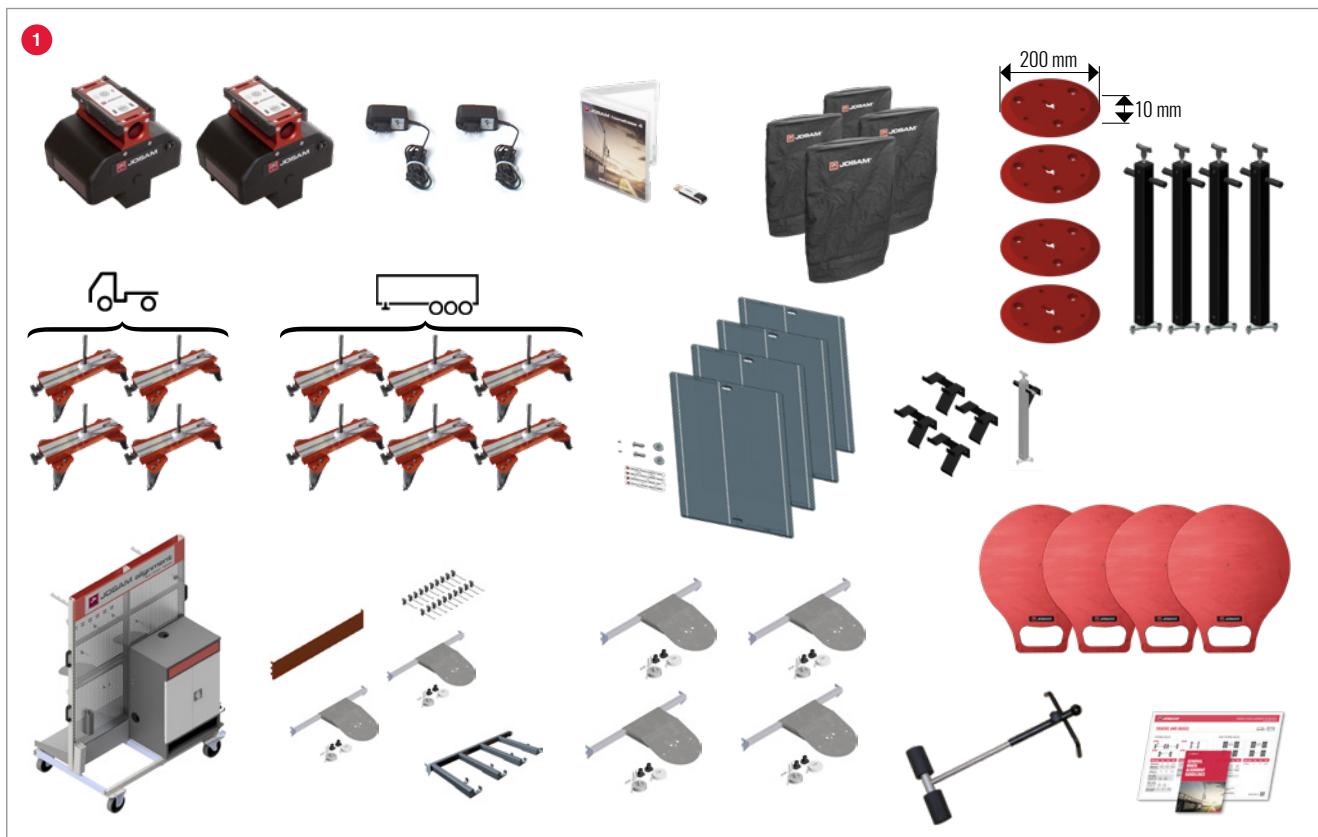
* For each measuring head

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



I-TRACK II, OPTIONS AND ACCESSORIES

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

Item #	Qty #	Ref nr	Name
1	1	21376 / JT759	Frame reference kit for trailer and semi-trailer
2	1	15563 / JT718	Additional kit for trailer/centre line
3	1	16522 / MOBILITY 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
7	2*	15896 / JT636 B	Universal wheel adapter 16-24"



To efficiently measure combined vehicles, trailers and semi-trailers in a rolling sequence

1

2

3

4

* Order 2 pieces

5

* Order 2 pieces

6

* Order 2 pairs

7

* Order 2 pieces

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.

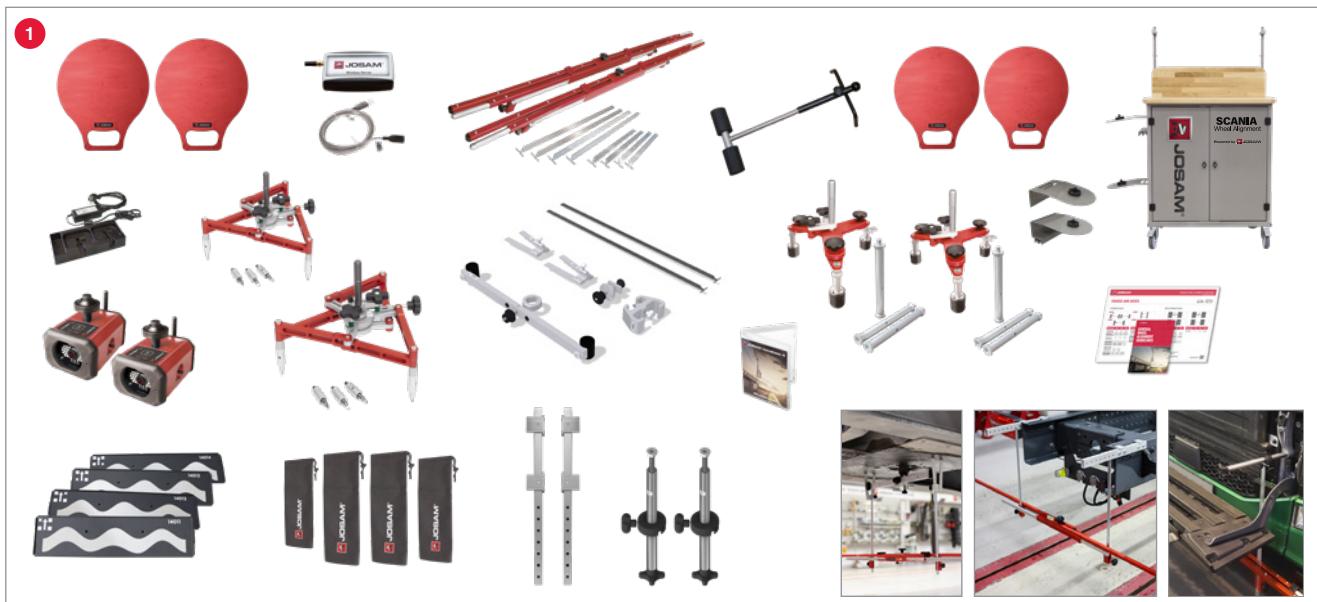
Description	Specification
Measuring range	
Toe	±40 mm/m
Camber	±6°
Caster	±20°
KPI	±20°
Max. turn	65°
Measuring accuracy	
Toe	±0.2 mm/m (for each camera)
Camber	±3 min (for each camera)
Operational time	14 h
Charging time	3 h
Computer requirements	See latest updated information on www.josam.se

SCANIA WHEEL ALIGNMENT CAM-ALIGNER, 15825



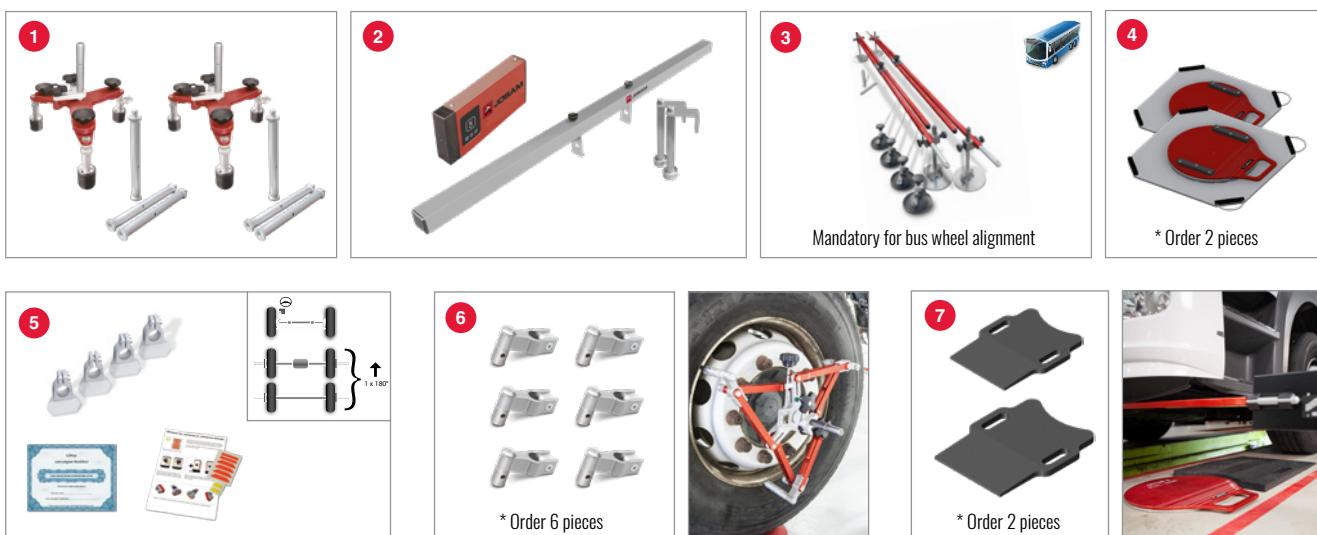
Electronic wheel alignment (trucks, trailers and semi-trailers)

Item #	Qty #	Ref nr	Name
1	1	SCANIA WA CAMALIGNER	Basic set Cam-aligner



OPTIONS AND ACCESSORIES

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
6	6*	72034 / CA1034	Extension leg for spider wheel adapter 22.5–25.5"
7	2*	21022 / JT753	Drive-on ramp





SCANIA WHEEL ALIGNMENT CAM-ALIGNER UPGRADE KITS

Item #	Qty #	Ref nr	Name
1	1	74320 / CA 2011 K	Upgrade from Laser AM -> Cam-aligner
2	1	74321 / CA 2012 K	Upgrade from Truckaligner I & II -> Cam-aligner
3	1	75675	Upgrade your TruckCam system with new JOSAM software

1

LASER AM

CAM-ALIGNER

2

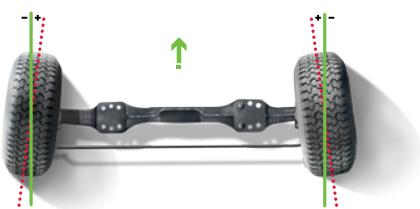
TRUCKALIGNER I/II

CAM-ALIGNER

3

Requires TruckCam camera sensors TC-256 or TC-268.

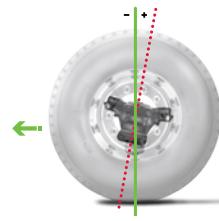
THE SCANIA WHEEL ALIGNMENT SYSTEMS CAN MEASURE THESE WHEEL ANGLES:



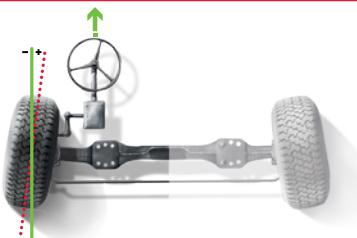
Toe



Camber



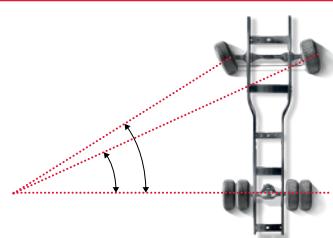
Caster



Steering gear middle position



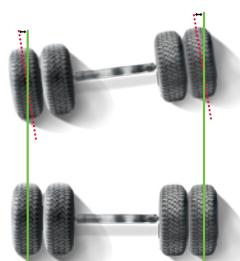
KPI



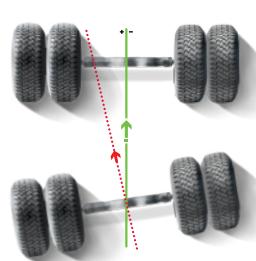
Toe-out on turn



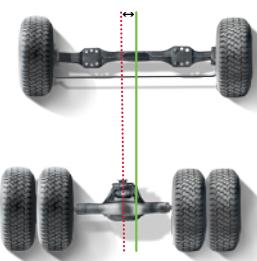
Maximum turn



Parallelism



Out of square



Offset

JOSAM IS REPRESENTED
ALL OVER THE WORLD.
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REPRESENTATIVE:

MANUFACTURER:



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