

## Chassis type: R 450 A4x2NA

General information			
VIN-code		Factory warranty, valid until	2019-12-06
Factory warranty is only valid if all paragraphs in Scania's Global Warranty Manual is fulfilled		Start-up date	2018-12-06
Invoice date	2018-12-03	Assembly date	2018-11-20
Crankshaft assembly date	2018-11-12	Current distributor, country	DE
Current distributor, number	61077	Ordering distributor, country	DE
Ordering distributor, number	61077	Local dealer, number	-
Gross laden train weight	18	Order Number	1331598
Order type	A	Delivery mode	CBU
Status	To enduser	Scrap date	-
POP-ID	19-1421		

00 General			
Assembly level	Completely Build Up	Product class	Truck
Development level	6	Wheel configuration certified	4x2
Front wheel drive	no	Axle distance	3750 mm
Steering wheel position	left hand	Chassis width	2600 mm
Chassis adaptation	articulated	Chassis height	normal
Driver's manual language	german	Driver's manual extra language	without
Plate language	german	Axle weight front technical	7500 kg
Axle load rear, technical	11500 kg	Technical max axle weight 1st	7500 kg
Technical weight on 2nd axle	11500 kg	Technical weight on 3rd axle	not valid
Technical weight on 4th axle	not valid	Technical weight on fifth axle	not valid
GVW legal	18000 kg	Legal weight 1st axle	7500 kg
Legal weight 2nd axle	11500 kg	Legal weight 3rd axle	without
Legal weight 4th axle	without	Legal weight 5th axle	without
GTW technical	40000 kg	GTW technical part 2	0 kg
GTW technical part 3	0 kg	GVW legal part 2	0 kg
GVW technical	19000 kg	GTW Legal	40000 kg
GTW acc to EC/2007/46	65000 kg	Preparation for toll collect	with

01 Engine			
Propulsion	combustion engine	Engine power kW	331
Power code	450hp	Engine type, vehicle	DC13 148/450 hp
Engine type symbol	DC13 148 L01	Engine serial number	7132225
Cylinder block generation	2	Engine speed limit low oil pressure	without
EGR system	without	EGR cooling	not valid
Emission level	Euro 6	Engine stroke volume	13 litres
Engine management system	EMD1	Automatic engine shutdown	without
NOx control	with	Torque reduction NOx-control	with
Power Take-Off ED	prepared	PTO ED electrical preparation	without
Turbocharger duty class	special	Air intake	front
Air cleaner engine fire-resistant	without	Air cleaner supplier	Mann
Noise suppression	81/82 dBA R51.03	Noise level additional requirement/regulation	without
Noise encapsulation engine	with absorbents	Noise encapsulation engine side	with
Noise encapsulation engine behind	without	Crankcase gas cleaning type	centrifugal
Crankcase ventilation type	open	Oil level sensor engine	with temperature sensor
Oil level sensor monitoring	with	Oil sump material	plastic
Oil quality engine	Scania LDF-4	Powertrain oil type	normal
Air intake throttle engine	with		

02 Cooling System			
Radiator area	83 dm2	Fan control	electronic
Charge air cooler curtain	with	Fan, driving	crankshaft assy
Fan, diameter	813 mm	Fan blade quantity	11
Fan, gear ratio	1:1	Coolant pump flow	390 dm3/min
Coolant pump controlled flow	without	Temperature regulator	89 degrees

03 Fuel And Exhaust Systems			
Fuel	diesel	Fuel alternative diesel adaptation	without
Injection system	common rail	Fuel tank	LH side
Fuel volume, right side	without	Fuel volume, left side	500 dm3
Fuel tank sectional area left-hand side	wide	Fuel tank sectional area right-hand side	without
Fuel tank material	aluminium	Selective Catalytic Reduction	with
SCR reductant tank volume outside frame right-hand side	without	SCR reductant tank volume under frame left-hand side	124 dm3

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SCR heating system	with	SCR catalytic converter volume	29,8 dm3
SCR catalytic converter coating type	DNXR805	Oxidation catalytic converter coating	DW1006SW
Fuel heater	with	Fuel tank location	normal
Fuel filter chassis mounted	without	Fuel splash protection	with
Exhaust outlet, direction	left hand	Exhaust silencer execution	compact
Silencer serial number	18308022	Silencer length	623 mm
DPF particulate filter	with	First DPF serial number	000009374992
First DPF mount date	2022-04-25 15:41:51	First DPF distance (km)	352521
Particulate filter sensor	with	DPF exhaust flow type	full filter
DPF particulate filter volume	19,5 dm3	DPF particulate filter coating	DW21675W

04 Clutch			
Clutch, frictiontype	K432 48	Clutch wear protection	without
Clutch system	automatic	Torque converter	without

05 Gearbox			
Gearbox	GRS895R	Gearbox serial number	1629920
Gearbox oil temperature warning level	without	Gearbox management system	TMS
Transmission management system	TMS2	Engine power kW	331
Opticruise	with	Starter interlock gearselector	with
Overdrive	without	Acceleration control	without
Performance modes	economy, standard, power	Manual gear change limitation	without
Cruise control with active prediction	with	Eco-roll	with
Road data registration	storage and use	Kickdown	with
Kick down signal	with	Gear shift control electronic	Opticruise
Gearbox type	with range and split	Automatic neutral gear	without
Transmission sensor constant	10	Oil level gearbox	normal
Oil cooling for gearbox	with	Refrigerant oil cooler gearbox	Refrigerant liquid
Retarder	Scania	Retarder system	TMS
Retarder type	R4100D	PTO EG right-hand side	without
PTO EG left-hand side	without	PTO EG rear	with
PTO EG rear control quantity	1	PTO EG number of connection rear	1
PTO EG electrical preparation	without	PTO EG control total quantity	1
PTO EG top	without	PTO EG rear type	EG650P
Power take-off for clutch connection	without	Power take-off gear independent	without
PTO split shaft el. prep.	without	Noise encapsulation gearbox	without
Noise shield gearbox	with		

06 Propeller Shaft			
Propeller shaft type	P500	Propeller shaft length to rear axle	1460 mm
Propeller shaft intermediate quantity	0		

07 Front Axle	
Front axle, type	AM420S

08 Rear Axle			
Rear axle, type	AD401SA	Load transfer	Not valid
Oil filter rear axle	with	Oil quality driving axle	Scania STO 2:0 A FS
Axle gear type, rear axle	R780	Rear axle serial number	2785618
Rear axle gear ratio	2,59	Differential lock	with
Hub reduction, rear	without	Tag axle preparation	without
Tag axle in front of driven rear axle	without	Tag axle behind driven rear axle	without

09 Hubs And Wheels			
Wheel, type	disc	Rim material	aluminium
Rim type front axle	22.5x9.00 alu Alcoa polished	Rim type rear axle	22.5x9.00 alu Alcoa polished
Rim type spare wheel	without	Rim diameter front axle	22.5
Rim diameter rear axle	22.5	Rim diameter spare wheel	without
Rim width front axle	9.00	Rim width rear axle	9.00
Rim width spare wheel	without	Tyre dimension front axle	315/70 R22.5
Tyre dimension rear axle	315/70 R22.5	Tyre dimension spare wheel	without
Tyre type front axle	315/70R22.5 R S CO	Tyre type rear axle	315/70R22.5 R D CO
Tyre type spare wheel	without	Tyre pattern type front axle	Steer
Tyre pattern type rear axle	Drive	Tyre category front axle	Regional
Tyre category rear axle	Regional	Tyre calculated rolling radius front	group E= 485 mm

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Tyre calculated rolling radius drive	group E= 485 mm	Tyre rolling circumference driven rear axle	3109 mm
Front axle tyre rolling circumference	3093 mm	Drive tyre rolling circumference	3093 mm
Tyre supplier front axle	Continental	Tyre supplier rear axle	Continental
Tyre speed index front axle	L=max. 120 km/h	Tyre additional speed index front axle	E=max. 130 km/h
Tyre load index front axle	156	Tyre additional load index front axle	154
Tyre load index rear axle	150	Tyre pressure monitoring	without

10 Brakes			
White smoke limiter	without	Wheel brake	disc
Brake control	electronic	Hill hold	hill hold
Brake category	AB	Brake caliper supplier	Meritor
Brake chamber type 1st front axle	membrane + spring	Service brake chamber area first front axle	30"
Parking brake chamber area first front axle	14"	Brake chamber type 2nd front axle	not valid
Brake chamber type 1st rear axle	membrane+spring	Service brake chamber area first driven rear axle	24"
Parking brake chamber area first driven rear axle	30"	Brake chamber type 2nd rear axle	not valid
Brake chamber type trailing tag axle	not valid	Brake chamber type steered tag axle	not valid
Brake lining status display	percent	Anti vibration set in brake chamber	without
ABS/EBS system	4S/4M	Brake management system	EBS7
Advanced emergency braking	with	Air Processing System	air management
Compressor manufacture	Wabco 636	Compressor clutch	with
Interlock valve parking brake	without	Secondary brake valve	with
Trailer brake connection	type ISO	Parking brake system	pneumatic
Disengaging parking brake front	without	Trailer connector bracket	behind cab
Trailer brake coupling	with	Trailer hand control valve	without
Exhaust brake	with	Air tank volume, front	60 dm3
Air tank volume, rear	30 dm3	Air tank volume, extra	Without
Air tanks, rubber spacer	without	Compressed air tank position A1 volume	without
Compressed air tank position A2 volume	without	Compressed air tank position A3 volume	without
Compressed air tank position A4 volume	without	Compressed air tank position B1 volume	30 dm3
Compressed air tank position B2 volume	30 dm3	Compressed air tank position B3 volume	without
Compressed air tank position B4 volume	without	Compressed air tank position D1 upper volume	without
Compressed air tank position D2 upper volume	without	Compressed air tank position D3 upper volume	without
Compressed air tank position D4 upper volume	without	Compressed air tank position D5 upper volume	without
Compressed air tank position D6 lower volume	without	Compressed air tank position E1 volume	without
Compressed air tank position E2 volume	without	Compressed air tank position E3 volume	without
Compressed air tank position E4 volume	without	Compressed air tank position E5 volume	without
Compressed air tank position E6 volume	without	Compressed air tank position F volume	without
Compressed air tank position G1 volume	without	Compressed air tank position G2 volume	without
Compressed air tank position H1 volume	without	Compressed air tank position H2 volume	without
Compressed air tank position J1F volume	without	Compressed air tank J2F volume	without
Compressed air tank position J1 rear volume	without	Compressed air tank volume J2 rear	without
Compressed air tank K1 volume	without	Compressed air tank K2 volume	Without
Compressed air tank position L volume	without	Compressed air tank position M1 volume	without
Compressed air tank position M2 volume	without	Compressed air tank position N1 volume	without
Compressed air tank position N2 volume	without	Compressed air tank position N3 volume	without
Compressed air tank position Q2 volume	without	Compressed air tank position R volume	without
Compressed air tank position S1 volume	without	Compressed air tank position S2 volume	without
Compressed air tank position S3 volume	without	Compressed air tank position S4 volume	without
Compressed air tank position S1 temp volume	without	Compressed air tank position S2 temp volume	without
Compressed air tank position T volume	without	Compressed air tank position U1 upper volume	without
Compressed air tank position U2 lower volume	without	Compressed air tank position V1 volume	30 dm3
Compressed air tank position V2 volume	without	Compressed air tank position W volume	without
Compressed air tank position X1 volume	without	Compressed air tank position X2 volume	without
Compressed air tank position Y volume	without		

11 Frame			
Frame, type	F800	Frame reinforcement	without
Chassis colour	Grey	Chassis colour grey	Sub Grey
Chassis front end width	1260 mm	Frame side member rear end	M
Bumper protrusion	0 mm	FUP directive	FUP device
Bumper beam vertical position	normal	Underrun beam according to AR regulation	without
Chassis side cover	skirt	Battery box side cover beam	without

12 Suspension			
Suspension type designation	A	Suspension system front	leaf
Leaf suspension type front	parabolic	Spring bushing material front	rubber

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Suspension front leaf springs	2x32	Shock absorber first front axle heavy duty	without
Suspension system rear	air	Air suspension rear type	4-spring
Level adjustment speed	basic	Level adj extra air tank	without
Level adjustment control truck/trailer	without	Axle load display	rear
Bogie designation, type	not valid	Anti-roll bar, front	normal stiffness
Anti-roll bar stiffness first front axle	normal		

13 Steering			
Steering gear execution	ZF 8098	Steering gear serial number	030962
Steering gear ratio	17-20:1	Steering system	1-circuit
Hydraulic pump flow	16 litre/minute	Hydraulic pump pressure	170 bar
Steering force 70/311/EEC	yes	Airbag steering wheel	without
Airbag side curtain	without	Steering wheel type	exclusive leather
Adjustable steering wheel	tilt+ slide	Steering angle 1st, RH turn	43 max
Steering angle 1st, LH turn	50 max	Alco lock	without
Immobiliser	with		

14 Engine Control			
Speed limitation	89 km/h	Speed limitation legal	90 km/h
Speed limit second	without	Speed limiter third	without

16 Electrical System			
Coordinator system	COO8	Alternator charge	130A
Battery	230 Ah	Battery charger	without
Battery system type	single	Battery maintenance type	maintenance-free
Battery position	left hand side	Battery container size	C
Battery master switch	without	Battery master switch by-pass	without
Batt master switch manoeuvring	without	Alarm system	without
Headlamp type	LED	Headlamp asymmetry	right hand
Headlamp cleaning	with	Headlamp high located	without
Headlamp levelling	manual	Taillamp position	on bracket
Taillamp type	LED	Taillamp cable length	without extension
Hazard warning lamp rear	without	Side marker lamps	finally mounted
Spotlamp roof	with	Spotlamp roof additional	without
Dipped beam automatic	with	Dipped beam inclination angle	1 %
Headlamp ventilation	diaphragm	Fog lamp front type	LED 3 diodes
Cornering light	with	Visibility system	CUV3 Extended
Daytime running light	with	Daytime running light function	with LED DRL + position lamps
End outline marker lamp	white	Reflector rear according to ECE-R70	without
Fog lamp front	with	Fifth wheel lighting	white light
Working lamp on rear wall cab top	prepared	Working lamp side below cab	without
Working lamp rear end	without	Beacon	without
Horn in front, type	compressed air 118dBA	Reverse alarm	with
Trailer electric coil cable	15 pole to 15 pole	Trailer electric connector	1x15 pole
Electric engine heater	without	ADR vehicle designation	without
Forward looking camera	FLC1	Distance sensor System	DIS2
Bodywork Communication Interface	without	BWE management system	BCI2
BWE control unit configuration	truck	BWE control unit I/O PTO configuration	1
BWE control unit	with	Switch positions for body work reserved quantity	2 pcs
Remote contr engine start	without	Cable harness additional switches	with
Cable harness for bodybuilder	without	Cable harness for bodybuilder frame	without
Cable harness for bodybuilder roof	without	Direction indicator activation	1 bulbs front
ESP Electr.Stability Programme	with, disabling		

17 Instruments			
Tachograph	digital STONERIDGE	Tachograph	with
Tachograph data upload	with	Instrument cluster	standard km/h
Driver identification	without	Adaptive Cruise control	with
Cruise control active prediction speed deviation adjustment	standard+ECO	Bluetooth	with
Navigation	Without	Driver attention support	with
Scania lane departure warning	with	In-vehicle emergency call system	without
Topographic map data region	Europe	Navigation map data region	without
Camera system FFU	rear cam trailer prep infotain	Instr panel lower part colour	dark sand
Instrument panel finish	basic	Instrument panel hole 1 equipment	storage compartment
Instrument panel hole 2 equipment	combination module 6+2	Instrument panel hole 4 equipment	base module 6

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Instrument panel hole 5 equipment	switch panel 5	Instrument panel hole 6 equipment	storage compartment
Instr panel hole 7 equipment	diff module	Instr panel hole 8 equipment	Internal lighting module
IP extension hole 11 equipment	without	Bodywork info in ICL	with
FMS preparation	gateway (interface)	Communicator	C300 complete

18 Cab			
Cab type	CR	Cab length	20 dm
Roof height	high	Cab serial number	5532224
Cab colour grey	Charcoal Grey (RAL7021 CM)	Cab colour	Grey
Side panel colour	dark	Front grille upper panel colour	cab colour
Front grille upper ribs colour	cab colour	Front grille lower panel colour	cab colour
Front grille lower ribs colour	cab colour	Boarding step to chassis LH	with
Boarding step panel lower painted	without	Ladder	without
Windscreen	tinted	Rain sensor	with
Door window glass type	laminated	Window, rear wall	without
Window side	without	Sun visor, external	with
Sun visor driver door	blind	Door window air deflector	with
Door panel	plastic	Air conditioning	with
Auxiliary heating	WTA cab heater 3 kW	Climate system control	automatic
Climate system heating	with	Remote control for climate and infotainment	with
Cab socket 230V	without	Auxiliary cab cooler	without
Auxiliary cab cooler on roof	without	Adaptive cruise control AICC deactivation speed	10 km/h
Cab suspension	air comfort	Cab tilting	mechanical
Roof hatch	electric	Alarm system	without
Frequency remote lock	433 MHz	Number of keys/remotes	four
Roof rail	with	Roof air deflector height	25 cm
Roof air deflector adjustable	manual	Side air deflector length	45 cm
Air deflector side material	thermoplastic	Seat upper backrest adjustable driver	with
Seat ventilation driver side	with	Seat category driver side	premium
Seat upholstery driver side	leather black	Seat adjustable shock absorber driver side	with
Seating passenger side	1 seat	Seat category passenger side	folding
Seat upholstery passenger side	leather black	Red coloured seat belts	without
Warning signal unconnected seat belt	lamp and audio signals	Seat belt pretensioner	without
Bed lower	800 mm, fixed	Bed lower, mattress pad	without
Bed lower, mattress	pocket spring	Insert tray under lower bed	without
Bed upper	without	Bed safety net	with
Digital audio broadcast radio	without	CB radio FFU	Stabo XM 3003
Bluetooth	with	12/24V sockets	Extended 12V
Audio system	AUS4	TV preparation	without
USB charging port instrument panel passenger side	with	USB IP driver side	mobile phone preparation
USB IP centre position	USB	USB charging port rear wall	with
CB radio	prep 12V with speaker	Horn on cab roof	without
Mudflap length front	without	Front mudguard size	645 mm
Front mudguard indentation	without	Front mudguard rear part length	725 mm
Front wheel arch trim panel size	535 mm	Mudflap rear	with
Rear mudguard lateral location	outer	Mudguard second front axle	without
Mudguard rear	with	Mudflap length rear	216 mm
Rear mudguard, execution	middle top	Splash guard rear material	plastic
Spray-suppression according to EU 109/2011	with	Frontview mirror	electrical adjusted + heating
Rear view mirror heating	with	Rear view mirror type	A
Rear view mirror glass type driver side	spherical	Rear view mirror glass type passenger side	spherical
Rear view mirror electrically adjustable	passenger+driver side	Close-proximity mirror	electrical adjusted + heating
Wide angle mirror	driver+passenger side	Microwave oven	without
Coffee maker	without	External storage compartment	driver side
Storage rear lower on driver side	refrigerator	Storage rear lower passenger side	drawer
Storage compartment above door	with	Roof shelf rear wall	without
Storage side panel	without		

19 Complementary Equipment			
Fifth wheel	FISCHER SK-S36.20W 2/150	Fifth wheel position	-660 mm
Fifth wheel category	fixed, plate-mounted	Mounting plate	40 mm, D-value max 152kN
Catwalk	single	ACL automatic chassis lubrication	without
Dimension JA/BEP L020	775 mm	Trailer electric connector	1x15 pole
Side skirt height	725 mm	Side skirt colour	without
Underrun beam according to AR regulation	without	Rescue equipment except fire extinguisher	without
Hose for tyre inflation	20 meter	Spare wheel carrier	without
Smoke detector	without	Fire extinguisher	without



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Jack	without	Warning triangle	without
Emergency hammer	without		

20 Load Carrying Bodywork			
Tail lift	without	Refuse packer step	without
Wet kit equipment	without		

Certificate			
Advanced Emergency Braking e4*347/2012*2015/562*0019*04 Corr. Rev.	Advanced Emergency Braking E4 - 131R - 010008 EXT.04	AirDrag CO2 Declaration e4*2017/2400*2017/2400*P*0057*00 Corr. Rev.	Anti-theft systems E4 - 18R - 030208 EXT.02
Audible warning devices (Signal horn) E4 - 28R - 000684 EXT.04	Axle CO2 Declaration e4*2017/2400*2017/2400*L*0032*00 Corr. Rev.	Brakes E4 - 13R - 112653 EXT.06	Burning behaviour E5 - 118R - 002001 EXT.02
CTD tachograph -e5-0002-	Cab Strength E4 - 29R - 030116 EXT.04	Cab Strength E4 - 29R - 030116 EXT.06	Coupling Devices E4 - 55R - 010792 EXT.08
Devices for Indirect Vision E4 - 46R - 044883 EXT.04	Electromagnetic compatibility (EMC) E4 - 10R - 053385 EXT.08	Engine CO2 Declaration e4*2017/2400*2017/2400*E*0013*00 Corr. Rev.	Engine Emissions e4*595/2009*627/2014C*0015*06 Corr. Rev.
External Projections E4 - 61R - 000156 EXT.08	Front Under Run Protection E4 - 93IIIR - 000089 EXT.05	Fuel Tanks E4 - 34RI - 030392 EXT.04	Headlamp Cleaners E4 - 45R - 010069 EXT.03
Heating Systems E4 - 122R - 000219 EXT.04	Lane Departure Warning System (LDWS) e4*351/2012*351/2012*0018*04 Corr. Rev.	Lane Departure Warning System (LDWS) E4 - 130R - 000010 EXT.04	Lighting E4 - 48R - 060614 EXT.03
Masses and Dimensions e4*1230/2012*1230/2012*0362*07 Corr. Rev.	Noise E4 - 51R - 032359 EXT.02	Registration Plate Space e4*1003/2010*1003/2010*0184*02 Corr. Rev.	Safety Belt E4 - 16R - 060484 EXT.03
Safety Belt Anchorages E4 - 14R - 070657 EXT.03	Safety Glazing E4 - 43R - 011113 EXT.04	Seats E4 - 17R - 080582 EXT.03	Speed Limiter E4 - 89R - 000069 EXT.12
Speedometer E4 - 39R - 010716 EXT.04	Spray Suppression System e4*109/2011*109/2011*0137*04 Corr. Rev.	Steering E4 - 79R - 010649 EXT.08	Symbols E4 - 121R - 010250 EXT.03
Towing Devices e4*1005/2010*1005/2010*0177*04 Corr. Rev.	Transmission CO2 Declaration e4*2017/2400*2017/2400*G*0025*00 Corr. Rev.	Type Plate e4*19/2011*249/2012*1158*06 Corr. Rev.	Tyre CO2 Declaration e4*2017/2400*2017/2400*T*0123*00 Corr. Rev.
Tyre CO2 Declaration e4*2017/2400*2017/2400*T*0120*00 Corr. Rev.	Tyres e4*458/2011*2015/166*0035*14 Corr. Rev.	Vehicle access and manoeuvrability e4*130/2012*130/2012*0130*05 Corr. Rev.	Whole Vehicle Type Approval e4*2007/46**1128*08 Corr. Rev.

Corporate contract			
No contract information was found for this product entity			

Modifications			
Change orders	708884 - Air filter Campaign RA 21 01 07.		