



Mercedes-Benz

Mercedes-Benz Arocs 5 4042 A 6x6

BMEX133e

Model:	Mercedes-Benz Arocs 5
Vehicle type:	4042 A
Drivetrain:	6x6
Baumuster:	96401812
Vehicle type:	All-wheel chassis
Driver cabin:	L-cab
Engine power:	310 kW (421 PS)
Wheelbase:	4500 mm
Gross vehicle weight:	40000 kg
Steering type:	left

Equipmentlist

Paint

Cab:	MB 9147 arctic white
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Equipment

National Version

>>>	Basetype
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Chassis version

V1B	Arocs
V1Z	Grounder
V2J	Arocs model generation 5
C2N	Wheelbase 4500 mm

Axle load distribution

W7U	Weight variant 40.0 t (9.0/16.0/16.0)
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Engine

M3J	Eng. OM460,inline 6, 12.8 l, 310kW (421hp),2100 Nm
Z5L	OM 460
M5W	Engine version, Euro III
M8B	Air intake behind cab, mounted
M8Y	Fuel pre-filter, chassis-mounted, additional
M7V	Cooling output for very hot regions
M7I	Insect screen in front of cooling system
M5U	Exhaust brake, standard system
M6L	Air compressor, 2-cylinder
M0A	Engine mounts, reinforced

Clutch & transmission

G5A	Single-disc clutch
G1J	Transmission G 260-16/11.7-0.69
N6Z	Transmission oil cooling
G0R	Transmission support arms, optimised for removal
G4D	Transfer case VG 2800-3W/1.45-1.04, permanent
G4Z	Oil cooler, for transfer case
G5H	Gearshift, manual

Axles & suspension

A1Y	Front axle, straight version
A1E	Front axle 9.0 t
A1W	Differential lock, front axle
A2H	Rear axle, crown wheel 300, planetary, 16.0 t
>>>	Differential lock, rear axle
A6C	Axle ratio $i = 4.833$
Q1Y	Front spring, 9.0 t, 4-leaf
Q2Z	Rear springs, 2 x 18.0 t, hard, axle spac. 1450 mm
C6Q	Stabiliser, front axle

Wheels & tyres

R4X	Wide-base wheel, 10.00W-20, with tube
R8F	Spare wheel carrier, provisional

R8P	Spare wheel/spare wheel rim							
R0V	Vehicle adaptation, large tyres							
1.A.	402K41 10	2x	14.00 R 20	Sand	Continental	HSO SAND (V.K.)		
2.A.	402K41 10	4x	14.00 R 20	Sand	Continental	HSO SAND (V.K.)		
3.A.	402K41 10	4x	14.00 R 20	Sand	Continental	HSO SAND (V.K.)		
	402K41 10	1x	14.00 R 20	Sand	Continental	HSO SAND (V.K.)		

Frame and components attached to frame

>>>	Hole matrix on frame, continuous							
C5P	Bolted frame							
C9S	Deletion mounting parts, on frame							
C0Z	Frame overhang 1950 mm							
C6C	Steering, single-circuit							
CLW	Steering oil cooling							
C6J	Power steering pump, uncontrolled							
C7J	Battery carrier, batteries side by side							
K0T	Main tank, left							
K5A	Tank, 290 l, left, 650 x 565 x 950 mm, steel							
Z4O	Tank cross-section, narrow							
Z4Q	Tank cross-section, low							
K7D	Exhaust system, tailpipe to right and outwards							
K7F	Exhaust system, offset, for large tyres							
C8F	Wing, for chassis transit							
F7B	Bumper, with steel corners							
F7D	Bumper centre section w. towing eyes, coupling jaw							
M7J	Guard plate, bumper							
C9Y	Deletion, rear underride guard (ECE)							
Q8M	End crossmember lower, reinforced							
>>>	End cross member, neutral position							

Brake system

B2B	Drum brakes on front and rear axle							
B1A	Electronic braking system with ABS							
B1Z	ABS, disengageable							

B1H	Electr. compressed air supply and control, centre
B4A	Condensation monitoring, for compressed air sys.
>>>	Compressed air supply connection, front
B4M	Air reservoir, steel
>>>	Flashing brake lights during emergency braking
>>>	Parking brake, acoustic warning
B2X	Parking brake, electronic

Cab exterior

F1R	L-cab
F1W	L-cab, StreamSpace, 2.30 m, tunnel 320 mm
F2C	Floor variant, tunnel 320 mm
F2G	Cab width 2.30 m
F2N	Cab, 600 mm attachment height
>>>	Cab, reinforced
F2W	StreamSpace
F4H	Cab rear wall, without window
F3A	Cab mountings, standard, steel-sprung
F3W	Cab tilting mechanism, mechanical-hydraulic
F6D	Windscreen, tinted, with filter band
D8N	Tilting sunroof, electric
F4X	Stowage compartment exterior flap, left
F4Y	Stowage compartment exterior flap, right
F7Y	Cab entrance, left/right, movable
>>>	Kerb mirror
F0Y	Mirror cover, construction vehicle
F5L	Sun visor, exterior, transparent
>>>	Air deflectors, corner panels
F5Y	A-pillar trim
F0G	Side module, N3G vehicle
F8E	Locking system, with central locking
F9Y	Vehicle key, without transponder

Cab interior

D1B	Driver's suspension seat, standard
D1N	Fold-up co-driver's seat
D2N	Driver's seat backrest, release mechanism
D2Y	Seat belt monitor
D3X	Seat cover, flat-weave fabric
D3A	Luxury bed, top, wide, with levelling control
D3B	Luxury bed, bottom
>>>	Multifunction steering wheel
>>>	Power windows, all-round
J1A	Instrument cluster, 10.4 cm
J1K	Tachograph, 1 day + 2 drivers, modular
>>>	On-Board Diagnosis
>>>	Travel computer
E6Z	Reversing buzzer
J6A	Classic Cockpit
>>>	Maintenance system
J2E	Radio with USB connector
J2I	Standard loudspeaker
E3L	Socket, 24 V/15 A, co-driver footwell
E2J	Automatic cutouts
>>>	Entrance lamps, in door panel
>>>	Ambient lighting
D6Z	Construction-site filter
D6F	Air conditioning system
>>>	Bottle holder
>>>	Document stowage space, A4 size
D0S	Compressed-air connection, in cab

Electrics / electronics

E1B	Batteries 2 x 12 V/170 Ah, low-maintenance
E1M	Alternator, 28 V/150 A
E3W	PSM, 2nd generation

>>>	Side marker lights
>>>	LED end-outline marker lamp
S5A	Speed limiter, 90 km/h (56 mph), ECE
S5Z	Cruise control

Additional scopes

M0C	Bottom shell to prevent swirling-up of dust
M0Z	Noise regulation acc. to UN-R 51.03, phase 1
S8A	First aid kit
S8C	Hazard warning triangle
S8D	Warning lamp
S8E	Reflective safety jacket
Y4A	Telescopic jack, 12 t/19 t
Y4Y	Tyre inflating hose
Y4Z	Compressed-air gun, with hose
V0T	Vehicle class N3G, off-road vehicle
V8B	Chassis number FIN with model year
X3Z	Powertrain warranty as per T and Cs 3yrs/250,000km
V8S	Model year 2
X2A	Model identification, acc. to weight variant
X2I	Model plate, export
X1J	Instrument/labels/documentation, Arabic
X4K	Literature in English, additional
Y6A	Country-specific version
Z5X	Left-hand drive
Z5Y	Vehicle, for right-side traffic

Technical data

Dimensions and weights

Type	
Execution	A
Drivetrain	6x6
Wheelbase	4500 mm

Weights	
1. Front axle (empty)	5994 kg
2. Front axle (empty)	- kg
1. Rear axle (empty)	2611 kg
2. Rear axle (empty)	2611 kg
kerb weight (incl. SA)	11216 kg
Payload	28784 kg
Gross vehicle weight	40000 kg
Gross combination weight	Trailer operation not permitted for this vehicle. kg

Engine	
Engine	M3J
Displacement cm ³	12816
Engine output kW / PS	310 / 422
Power/engine torque in NM at 1240 rpm	2100

Tyres	
1st Axle:	2x 14.00 R 20
2nd Axle:	4x 14.00 R 20
3rd Axle:	4x 14.00 R 20
Spare wheel:	1x 14.00 R 20

Body length	
With max. frame overhang	0 mm
Min. centre of gravity – last axle	./ mm
Max. centre of gravity – last axle	./ mm

Gearbox	
Code	G1J
Short text	Transmission G 260-16/11.7-0.69

Dimensions	
Frame height – FA – laden	1231 mm
Frame height – FA – unladen	1337 mm
Frame height – RA – laden	1237 mm
Frame height – RA – unladen	1300 mm

Kerb weights with driver, Tools, Underride protection (front/rear), spare wheel, 90% of tankful

Technical Data

Technical illustration

