



Mercedes-Benz

Mercedes-Benz Arocs 5 2840 6x4

Model: Mercedes-Benz Arocs 5

Vehicle type: 2640

Drivetrain: 6x4

Baumuster: 96401412

Vehicle type: Chassis

Driver cabin: M-cab

Engine power: 290 kW (394 PS)

Wheelbase: 4200 mm

Gross vehicle weight: 27500 kg

Steering type: left

Equipmentlist

Paint

Cab: MB 9147 arctic white

Equipment

National Version

>>> Basetype

Chassis version

V1B Arocs

V1W Standard

V2J Arocs model generation 5

C2I Wheelbase 4200 mm

Axle load distribution

W4B Weight variant 27.5 t (7.5/10.0/10.0)

Engine

M3I	Eng. OM460, inline 6, 12.8 l, 290kW (394hp), 1900 Nm
Z5L	OM 460
M5W	Engine version, Euro III
M8B	Air intake behind cab, mounted
M8L	Cyclone filter for coarse dust
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

G5B	Double-disc clutch
G2D	Transmission G 280-16/11.7-0.69
N6Z	Transmission oil cooling
G0R	Transmission support arms, optimised for removal
G5G	Mercedes PowerShift 3
G0W	Drive program offroad
N4Z	Live power take-off, clutch-dependent, MB 1.65
N6L	Transmission lock, live power take-off
N9U	PTO flange with cross serrations, D=120 mm

Axles & suspension

A1X	Straight front axle, increased ground clearance
A1C	Front axle 7.5 t
A2G	Rear axle, crown wheel 300, planetary, 13.4 t
>>>	Differential lock, rear axle
A5W	Axle ratio $i = 4.143$
Q1M	Front spring, 7.5 t, 3-leaf
Q2Q	Rear spring, 2 x 10,0 t, hard
C6Q	Stabiliser, front axle
C6Y	Stabiliser, under frame, rear axle

Wheels & tyres

R1Q	15-degree tapered rims, 9.00 x 22.5						
R0Z	Wheel-nut cap						
1.A.	F18LNA 75	2x	315/80 R 22,5	Regio HD steer	Bridgestone	R 248	
2.A.	F18G26 75	4x	315/80 R 22,5	(S+G) Highway cross country	Bridgestone	L355 EVO	
3.A.	F18G26 75	4x	315/80 R 22,5	(S+G) Highway cross country	Bridgestone	L355 EVO	

Frame and components attached to frame

>>>	Hole matrix on frame, continuous						
C5P	Bolted frame						
C9S	Deletion mounting parts, on frame						
C0M	Frame overhang 1350 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						
K1E	Tank, 390 l, left, 650 x 565 x 1250 mm, aluminium						
K5M	Tanks, lockable						
K5Q	Fuel screen, tank filler neck						
Z4O	Tank cross-section, narrow						
Z4Q	Tank cross-section, low						
K7D	Exhaust system, tailpipe to right and outwards						
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)						
>>>	End cross member, neutral position						

Brake system

B2A	Disc brakes on front and rear axle						
B1B	Electronic braking system with ABS and ASR						

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

F0D	M-cab, low roof, 2.30 m, tunnel 170 mm
F1Q	M-cab
F2B	Floor variant, tunnel 170 mm
F2G	Cab width 2.30 m
F2N	Cab, 600 mm attachment height
>>>	Cab, reinforced
F2Y	ClassicSpace Low Roof
F4I	Cab rear wall, with window
F3A	Cab mountings, standard, steel-sprung
F3W	Cab tilting mechanism, mechanical-hydraulic
F6C	Windscreen, tinted
D8A	Roof hatch/vent, roof
F4X	Stowage compartment exterior flap, left
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
F6Q	Air horn
F0G	Side module, N3G vehicle
F8B	2 remote control keys
F8E	Locking system, with central locking

Cab interior

D1C	Driver's suspension seat, comfort
D1N	Fold-up co-driver's seat
D2Y	Seat belt monitor
D3Q	Seat cover, velour, driver's seat
D3T	Seat cover, velour, co-driver's seat, centre seat
>>>	Multifunction steering wheel
>>>	Power windows, all-round
J1A	Instrument cluster, 10.4 cm
J1Z	Speedometer, deletion, tachograph
>>>	On-Board Diagnosis
>>>	Travel computer
E6Z	Reversing buzzer
J6A	Classic Cockpit
>>>	Maintenance system
J2E	Radio with USB connector
J2I	Standard loudspeaker
J9A	Pre-installation for CB radio, 12 V, DIN slot
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
D7G	Stowage compartment lid, driver and co-driver side
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

E4C	Additional functions, for body manufacturer
L1I	Fog lamps, LED daytime running lamps
>>>	Side marker lights
>>>	LED end-outline marker lamp
L9A	Pre-installation for rotating beacons
S5C	Speed limiter, 85 km/h
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
S8B	Fire extinguisher, 2 kg
S8C	Hazard warning triangle
Y4Z	Compressed-air gun, with hose
Y4J	2 wheel chocks
D0L	Smoker package
V0T	Vehicle class N3G, off-road vehicle
V0U	Overhang angle, front, minimum 25 degrees
V0X	Ground clearance under front axle, minimum 250 mm
V0Y	Ground clearance under rear axle, minimum 250 mm
V0Z	Ground clearance between axles, minimum 300 mm
V8N	VIN encoded vehicle data, Mercedes-Benz
X3Z	Powertrain warranty as per T and Cs 3yrs/250,000km
V8S	Model year 2
X2A	Model identification, acc. to weight variant
X2C	Model plate, Gulf States
X1J	Instrument/labels/documentation, Arabic
X4K	Literature in English, additional
Y6A	Country-specific version
Z5X	Left-hand drive
Z5Y	Vehicle, for right-side traffic