MINI Press Release

04/2014

Valid from 07/2014

Technical Specifications. MINI Cooper SD Paceman ALL4, MINI Cooper SD Paceman ALL4 Automatic.

Body		MINI Cooper SD Paceman ALL4	MINI Cooper SD Paceman ALL4 Automatic
Number of doors/seats		3 / 4	3/4
Length/width/height (empty)	mm	4114 / 1786 / 1518	4114 / 1786 / 1518
Wheelbase	mm	2596	2596
Track width, front/rear	mm	1531 / 1558	1531 / 1558
Turning circle	m	11.6	11.6
Fuel tank capacity	approx. I	47	47
Cooling system incl. heating	арріох. і	6.0	6.5
Engine oil	<u>'</u>	5.2	5.2
Transmission oil incl. drivetrain	<u> </u>	lifetime filling	lifetime filling
Unladen weight according to DIN/EU 1)	kg	1395 / 1470	1420 / 1495
Payload according to DIN	kg	470	470
Permitted gross vehicle weight	kg	1865	1890
Permitted axle loads, front/rear	kg	1000 / 890	1025 / 890
Permitted trailer load	1	200 / 500	1200 / 500
braked (12 %) / unbraked Permitted roof load/permitted download	kg	800 / 500	1200 / 500
Permitted roof load/permitted download	kg	75 / 75	75 / 75
Luggage compartment capacity	1	330 - 1080	330 – 1080
Aerodynamic drag c _x / A / c _x × A	- / m? / m?	0.35 / 2.32 / 0.81	0.35 / 2.32 / 0.81
	- / m ² / m ²	0.33 2.32 0.81	0.33 2.32 0.81
Engine Type of sylinders habyes		in line 1 4 1 4	in the Late
Type/no. of cylinders/valves		in-line / 4 / 4	in-line / 4 / 4
Engine control		DDE 701	DDE 701
Capacity	сс	1995	1995
Bore/stroke	mm	84.0 / 90.0	84.0 / 90.0
Compression	:1	16.5	16.5
Fuel	RON	Diesel	Diesel
Output	kW/bhp	105 / 143	105 / 143
at engine speed	rpm	4000	4000
Torque	Nm	305	305
at engine speed	rpm	1750 – 2700	1750 – 2700
Electrical system			
Battery/installation	Ah / -	70 / engine compartment	70 / engine compartment
Alternator	Α	150	150
Suspension			
Front wheel suspension		Single-	joint McPherson spring strut axle with anti-dive control
Rear wheel suspension			vith trailing arms in aluminium lightweight construction
Brakes, front		disc, vented	disc, vented
diameter	mm	307 × 24	307 × 24
Rear brakes	111111	disc	disc
diameter	mm	280 × 10	280 × 10
		260 ^ 10	
	mm	Hydraulic 2-circ	uit brake system with anti-lock brakes (ABS), electronic
Driving stability systems	111111	brake force distribution (EBD) and Corner with brake assistant, hill start a Differential Lock Control (EDLC). DSC cont for the all-wheel drive system MINI	uit brake system with anti-lock brakes (ABS), electronic ing Brake Control (CBC), Dynamic Stability Control (DSC) sssistant, Dynamic Traction Control (DTC) and Electronic rol unit with integrated electronic management system ALL4. Handbrake impacts mechanically on rear wheels l-pinion steering (EPS): 2.4 revolutions from lock to lock
Driving stability systems Steering		brake force distribution (EBD) and Corner with brake assistant, hill start a Differential Lock Control (EDLC). DSC cont for the all-wheel drive system MINI Electrically supported rack-and	ing Brake Control (CBC), Dynamic Stability Control (DSC) ssistant, Dynamic Traction Control (DTC) and Electronic rol unit with integrated electronic management system ALL4. Handbrake impacts mechanically on rear wheels i-pinion steering (EPS); 2.4 revolutions from lock to lock
Driving stability systems Steering Overall steering ratio	:1	brake force distribution (EBD) and Corner with brake assistant, hill start a Differential Lock Control (EDLC). DSC cont for the all-wheel drive system MINI Electrically supported rack-and	ing Brake Control (CBC), Dynamic Stability Control (DSC) ssistant, Dynamic Traction Control (DTC) and Electronic rol unit with integrated electronic management system ALL4. Handbrake impacts mechanically on rear wheels l
Driving stability systems Steering Overall steering ratio Tyres		brake force distribution (EBD) and Corner with brake assistant, hill start a Differential Lock Control (EDLC). DSC cont for the all-wheel drive system MINI Electrically supported rack-and 14.1 205/55 R17 91V	ing Brake Control (CBC), Dynamic Stability Control (DSC) ssistant, Dynamic Traction Control (DTC) and Electronic rol unit with integrated electronic management system ALL4. Handbrake impacts mechanically on rear wheels l-pinion steering (EPS); 2.4 revolutions from lock to lock 14.1 205/55 R17 91V
Driving stability systems Steering Overall steering ratio Tyres Rims		brake force distribution (EBD) and Corner with brake assistant, hill start a Differential Lock Control (EDLC). DSC cont for the all-wheel drive system MINI Electrically supported rack-and	ing Brake Control (CBC), Dynamic Stability Control (DSC) ssistant, Dynamic Traction Control (DTC) and Electronic rol unit with integrated electronic management system ALL4. Handbrake impacts mechanically on rear wheels l
Driving stability systems Steering Overall steering ratio Tyres Rims Transmission		brake force distribution (EBD) and Corner with brake assistant, hill start a Differential Lock Control (EDLC). DSC cont for the all-wheel drive system MINI Electrically supported rack-and 14.1 205/55 R17 91V 7J × 17 light alloy	ing Brake Control (CBC), Dynamic Stability Control (DSC) ssistant, Dynamic Traction Control (DTC) and Electronic rol unit with integrated electronic management system ALL4. Handbrake impacts mechanically on rear wheels -pinion steering (EPS); 2.4 revolutions from lock to lock 14.1 205/55 R17 91V 7J × 17 light alloy
Driving stability systems Steering Overall steering ratio Tyres Rims Transmission Transmission type	:1	brake force distribution (EBD) and Corner with brake assistant, hill start a Differential Lock Control (EDLC). DSC cont for the all-wheel drive system MINI Electrically supported rack-and 14.1 205/55 R17 91V 7J × 17 light alloy 6-speed manual transmission	ing Brake Control (CBC), Dynamic Stability Control (DSC) ssistant, Dynamic Traction Control (DTC) and Electronic rol unit with integrated electronic management system ALL4. Handbrake impacts mechanically on rear wheels -pinion steering (EPS); 2.4 revolutions from lock to lock 14.1 205/55 R17 91V 7J × 17 light alloy 6-speed automatic transmission
Driving stability systems Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio	:1	brake force distribution (EBD) and Corner with brake assistant, hill start a Differential Lock Control (EDLC). DSC cont for the all-wheel drive system MINI Electrically supported rack-and 14.1 205/55 R17 91V 7J × 17 light alloy 6-speed manual transmission 3.308	ing Brake Control (CBC), Dynamic Stability Control (DSC) ssistant, Dynamic Traction Control (DTC) and Electronic rol unit with integrated electronic management system ALL4. Handbrake impacts mechanically on rear wheels l-pinion steering (EPS); 2.4 revolutions from lock to lock 14.1 205/55 R17 91V 7J × 17 light alloy 6-speed automatic transmission 4.044
Driving stability systems Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio I	:1	brake force distribution (EBD) and Corner with brake assistant, hill start a Differential Lock Control (EDLC). DSC cont for the all-wheel drive system MINI Electrically supported rack-and 14.1 205/55 R17 91V 7J × 17 light alloy 6-speed manual transmission 3.308 1.870	ing Brake Control (CBC), Dynamic Stability Control (DSC) ssistant, Dynamic Traction Control (DTC) and Electronic rol unit with integrated electronic management system ALL4. Handbrake impacts mechanically on rear wheels l-pinion steering (EPS); 2.4 revolutions from lock to lock 14.1 205/55 R17 91V 7J × 17 light alloy 6-speed automatic transmission 4.044 2.371
Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio II	:1	brake force distribution (EBD) and Corner with brake assistant, hill start a Differential Lock Control (EDLC). DSC cont for the all-wheel drive system MINI Electrically supported rack-and 14.1 205/55 R17 91V 7J × 17 light alloy 6-speed manual transmission 3.308 1.870 1.194	ing Brake Control (CBC), Dynamic Stability Control (DSC) ssistant, Dynamic Traction Control (DTC) and Electronic rol unit with integrated electronic management system ALL4. Handbrake impacts mechanically on rear wheels l-pinion steering (EPS); 2.4 revolutions from lock to lock 14.1 205/55 R17 91V 7J × 17 light alloy 6-speed automatic transmission 4.044 2.371 1.556
Driving stability systems Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio II III III	:1 :1 :1 :1 :1	brake force distribution (EBD) and Corner with brake assistant, hill start a Differential Lock Control (EDLC). DSC cont for the all-wheel drive system MINI Electrically supported rack-and 14.1 205/55 R17 91V 7J × 17 light alloy 6-speed manual transmission 3.308 1.870 1.194 0.872	ing Brake Control (CBC), Dynamic Stability Control (DSC) ssistant, Dynamic Traction Control (DTC) and Electronic rol unit with integrated electronic management system ALL4. Handbrake impacts mechanically on rear wheels l-pinion steering (EPS); 2.4 revolutions from lock to lock 14.1 205/55 R17 91V 7J × 17 light alloy 6-speed automatic transmission 4.044 2.371 1.556
Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio II III IV V	:1 :1 :1 :1 :1 :1	brake force distribution (EBD) and Corner with brake assistant, hill start a Differential Lock Control (EDLC). DSC cont for the all-wheel drive system MINI Electrically supported rack-and 14.1 205/55 R17 91V 7J × 17 light alloy 6-speed manual transmission 3.308 1.870 1.194 0.872 0.721	ing Brake Control (CBC), Dynamic Stability Control (DSC) ssistant, Dynamic Traction Control (DTC) and Electronic rol unit with integrated electronic management system ALL4. Handbrake impacts mechanically on rear wheels l-pinion steering (EPS); 2.4 revolutions from lock to lock 14.1 205/55 R17 91V 7J × 17 light alloy 6-speed automatic transmission 4.044 2.371 1.556 1.159 0.852
Driving stability systems Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio II III IV V VI	:1 :1 :1 :1 :1 :1 :1	brake force distribution (EBD) and Corner with brake assistant, hill start a Differential Lock Control (EDLC). DSC cont for the all-wheel drive system MINI Electrically supported rack-and 14.1 205/55 R17 91V 7J × 17 light alloy 6-speed manual transmission 3.308 1.870 1.194 0.872 0.721 0.596	ing Brake Control (CBC), Dynamic Stability Control (DSC) ssistant, Dynamic Traction Control (DTC) and Electronic rol unit with integrated electronic management system ALL4. Handbrake impacts mechanically on rear wheels l-pinion steering (EPS); 2.4 revolutions from lock to lock 14.1 205/55 R17 91V 7J × 17 light alloy 6-speed automatic transmission 4.044 2.371 1.556 1.159 0.852 0.672
Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio II III IV V VI Reverse gear	:1 :1 :1 :1 :1 :1 :1 :1	brake force distribution (EBD) and Corner with brake assistant, hill start a Differential Lock Control (EDLC). DSC cont for the all-wheel drive system MINI Electrically supported rack-and 14.1 205/55 R17 91V 7J × 17 light alloy 6-speed manual transmission 3.308 1.870 1.194 0.872 0.721 0.596 3.231	ing Brake Control (CBC), Dynamic Stability Control (DSC) ssistant, Dynamic Traction Control (DTC) and Electronic rol unit with integrated electronic management system ALL4. Handbrake impacts mechanically on rear wheels l-pinion steering (EPS); 2.4 revolutions from lock to lock 14.1 205/55 R17 91V 7J × 17 light alloy 6-speed automatic transmission 4.044 2.371 1.556 1.159 0.852 0.672 3.193
Driving stability systems Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio I II III IV V V Reverse gear Final drive ratio	:1 :1 :1 :1 :1 :1 :1	brake force distribution (EBD) and Corner with brake assistant, hill start a Differential Lock Control (EDLC). DSC cont for the all-wheel drive system MINI Electrically supported rack-and 14.1 205/55 R17 91V 7J × 17 light alloy 6-speed manual transmission 3.308 1.870 1.194 0.872 0.721 0.596	ing Brake Control (CBC), Dynamic Stability Control (DSC) ssistant, Dynamic Traction Control (DTC) and Electronic rol unit with integrated electronic management system ALL4. Handbrake impacts mechanically on rear wheels l-pinion steering (EPS); 2.4 revolutions from lock to lock 14.1 205/55 R17 91V 7J × 17 light alloy 6-speed automatic transmission 4.044 2.371 1.556 1.159 0.852 0.672
Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio II III IV V VI Reverse gear	:1 :1 :1 :1 :1 :1 :1 :1	brake force distribution (EBD) and Corner with brake assistant, hill start a Differential Lock Control (EDLC). DSC cont for the all-wheel drive system MINI Electrically supported rack-and 14.1 205/55 R17 91V 7J × 17 light alloy 6-speed manual transmission 3.308 1.870 1.194 0.872 0.721 0.596 3.231	ing Brake Control (CBC), Dynamic Stability Control (DSC) ssistant, Dynamic Traction Control (DTC) and Electronic rol unit with integrated electronic management system ALL4. Handbrake impacts mechanically on rear wheels l-pinion steering (EPS); 2.4 revolutions from lock to lock 14.1 205/55 R17 91V 7J × 17 light alloy 6-speed automatic transmission 4.044 2.371 1.556 1.159 0.852 0.672 3.193
Driving stability systems Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio I II III IV V V Reverse gear Final drive ratio	:1 :1 :1 :1 :1 :1 :1 :1	brake force distribution (EBD) and Corner with brake assistant, hill start a Differential Lock Control (EDLC). DSC cont for the all-wheel drive system MINI Electrically supported rack-and 14.1 205/55 R17 91V 7J × 17 light alloy 6-speed manual transmission 3.308 1.870 1.194 0.872 0.721 0.596 3.231	ing Brake Control (CBC), Dynamic Stability Control (DSC) ssistant, Dynamic Traction Control (DTC) and Electronic rol unit with integrated electronic management system ALL4. Handbrake impacts mechanically on rear wheels l-pinion steering (EPS); 2.4 revolutions from lock to lock 14.1 205/55 R17 91V 7J × 17 light alloy 6-speed automatic transmission 4.044 2.371 1.556 1.159 0.852 0.672 3.193
Driving stability systems Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio I II III IV V VI Reverse gear Final drive ratio Driving performance figures	:1 :1 :1 :1 :1 :1 :1 :1	brake force distribution (EBD) and Corner with brake assistant, hill start a Differential Lock Control (EDLC). DSC cont for the all-wheel drive system MINI Electrically supported rack-and 14.1 205/55 R17 91V 7J × 17 light alloy 6-speed manual transmission 3.308 1.870 1.194 2.072 2.0721 0.596 3.231 3.706	ing Brake Control (CBC), Dynamic Stability Control (DSC) ssistant, Dynamic Traction Control (DTC) and Electronic rol unit with integrated electronic management system ALL4. Handbrake impacts mechanically on rear wheels e-pinion steering (EPS); 2.4 revolutions from lock to lock 14.1 205/55 R17 91V 7J × 17 light alloy 6-speed automatic transmission 4.044 2.371 1.556 1.159 0.852 0.672 3.193 3.683
Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	:1 :1 :1 :1 :1 :1 :1 :1 :1	brake force distribution (EBD) and Corner with brake assistant, hill start at Differential Lock Control (EDLC). DSC cont for the all-wheel drive system MINI Electrically supported rack-and 14.1 205/55 R17 91V 7J × 17 light alloy 6-speed manual transmission 3.308 1.870 1.194 0.872 0.721 0.596 3.231 3.706	ing Brake Control (CBC), Dynamic Stability Control (DSC) ssistant, Dynamic Traction Control (DTC) and Electronic rol unit with integrated electronic management system ALL4. Handbrake impacts mechanically on rear wheels in integrated electronic management system ALL4. Handbrake impacts mechanically on rear wheels in integrated electronic management of the control o
Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio II III IV V VI Reverse gear Final drive ratio Driving performance figures Power-to-weight ratio according to DIN Power output per litre	:1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1	brake force distribution (EBD) and Corner with brake assistant, hill start at Differential Lock Control (EDLC). DSC cont for the all-wheel drive system MINI Electrically supported rack-and 14.1 205/55 R17 91V 7J × 17 light alloy 6-speed manual transmission 3.308 1.870 1.194 0.872 0.721 0.596 3.231 3.706	ing Brake Control (CBC), Dynamic Stability Control (DSC) ssistant, Dynamic Traction Control (DTC) and Electronic rol unit with integrated electronic management system ALL4. Handbrake impacts mechanically on rear wheels in pinion steering (EPS); 2.4 revolutions from lock to lock
Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio II III IV V VI Reverse gear Final drive ratio Driving performance figures Power-to-weight ratio according to DIN Power output per litre Acceleration O-100 km/h	:1 :1:1:1:1:1:1:1:1:1:1:1:1:1:1:1:1:1:1	brake force distribution (EBD) and Corner with brake assistant, hill start at Differential Lock Control (EDLC). DSC cont for the all-wheel drive system MINI Electrically supported rack-and 14.1 205/55 R17 91V 7J × 17 light alloy 6-speed manual transmission 3.308 1.870 1.194 0.872 0.721 0.596 3.231 3.706	ing Brake Control (CBC), Dynamic Stability Control (DSC) ssistant, Dynamic Traction Control (DTC) and Electronic rol unit with integrated electronic management system ALL4. Handbrake impacts mechanically on rear wheels repinion steering (EPS); 2.4 revolutions from lock to lock 14.1 205/55 R17 91V 7J × 17 light alloy 6-speed automatic transmission 4.044 2.371 1.556 1.159 0.852 0.672 3.193 3.683 3.683 13.5 52.6 9.3
Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio II III IV V VI Reverse gear Final drive ratio Driving performance figures Power-to-weight ratio according to DIN Power output per litre Acceleration 0-1000 m	:1 ::1 ::1 ::1 ::1 ::1 ::1 ::1 ::1 ::1	brake force distribution (EBD) and Corner with brake assistant, hill start at Differential Lock Control (EDLC). DSC cont for the all-wheel drive system MINI Electrically supported rack-and 14.1 205/55 R17 91V 7J × 17 light alloy 6-speed manual transmission 3.308 1.870 1.194 0.872 0.721 0.596 3.231 3.706	ing Brake Control (CBC), Dynamic Stability Control (DSC) ssistant, Dynamic Traction Control (DTC) and Electronic rol unit with integrated electronic management system ALL4. Handbrake impacts mechanically on rear wheels l-pinion steering (EPS); 2.4 revolutions from lock to lock 14.1 205/55 R17 91V 7J × 17 light alloy 6-speed automatic transmission 4.044 2.371 1.556 1.159 0.852 0.672 3.193 3.683 13.5

MINI Press Release

04/2014

Valid from 07/2014



Fuel consumption in EU cycle			
Urban	l/100 km	5.4	7.5
Extra-urban	l/100 km	4.5	5.0
Total	l/100 km	4.8	5.9
CO ₂	g/km	126	156
Other			
Emission rating		EU6	EU6
Insurance rating	3rd	2	2
Ground clearance (empty)	mm	138	138

Technical specifications valid for ACEA markets / registration-related data only relevant to Germany in some cases (weights)

 $^{^{\}rm D}$ Weight of road-ready automobile (DIN) plus 75 kg for driver and luggage $^{\rm D}$ Details not yet available