

Engine data

Code letters		ABZ	AEW	AHC	AKG
Capacity	l	4.172	3.697	4.172	4.172
Output	kW at rpm	220/6000	169/5500	250/6600	220/6000
Torque	Nm at rpm	400/3300	315/2700	410/3500	400/3300
Bore	øin mm	84.5	84.5	84.5	84.5
Stroke	mm	93.0	82.4	93.0	93.0
Compression		10.8	10.6	11.3	10.8
RON/BON 98/88 recommended min. RON		95	95	98	95
Injection system		Motronic	Motronic	Motronic	Motronic
Ignition		Motronic	Motronic	Motronic	Motronic
Knock control		yes	yes	yes	yes
Self-diagnosis		yes	yes	yes	yes
Lambda control		yes	yes	yes	yes
Catalytic converter		yes	yes	yes	yes
Turbocharging		no	no	no	no
Emission standard		EU 2	EU 2	EU 2	D 3

Code letters		ABZ	AEW	AHC	AKG
Valve timing with 1 mm valve lift and 0 mm valve play					
Inlet opens after TDC		10°	10°	7°	10°
Inlet closes after BDC		40°	25°	46°	40°
Exhaust opens before BDC		30.5°	30°	31°	30.5°
Exhaust closes before TDC		2°	2°	2°	2°

Code letters		AKJ	AKH
Capacity	l	3.696	4.172
Output	kW at rpm	169/5500	250/6600
Torque	Nm at rpm	315/2700	410/3500
Bore	øin mm	84.5	84.5
Stroke	mm	82.4	93.0
Compression		10.6	11.3
RON/BON 98/88 recommended min. RON		95	98
Injection system		Motronic	Motronic
Ignition		Motronic	Motronic
Knock control		yes	yes
Self-diagnosis		yes	yes
Lambda control		yes	yes
Catalytic converter		yes	yes
Turbocharging		no	no
Emission standard		D3	D3

Code letters		AKJ	AKH
Valve timing with 1 mm valve lift and 0 mm valve play			
Inlet opens after TDC		10°	7°
Inlet closes after BDC		25°	46°
Exhaust opens before BDC		30°	31°
Exhaust closes before TDC		2°	2°

## Engine data

Code letters		AQF	AQG	ARU	AQH	AUW	AKB
Capacity	ltr.	4.172	3.697	4.172	4.172	4.172	4.172
Power output	kW at rpm	228/6200	191/6000	175/5000	265/7000	228/6200	228/6200
Torque	Nm at rpm	410/3000	350/3250	400/3000	430/3500	410/3000	410/3000
Bore	Ø in mm	84.5	84.5	84.5	84.5	84.5	84.5
Stroke	mm	93.0	82.4	93.0	93.0	93.0	93.0
Compression ratio		11.0	10.8	11.0	11.0	11.0	11.0
RON/MON 98/88 recommended at least RON		95	95	95	95	95	95
Fuel injection system		Motronic	Motronic	Motronic	Motronic	Motronic	Motronic
Ignition system		Motronic	Motronic	Motronic	Motronic	Motronic	Motronic
Knock control		yes	yes	yes	yes	yes	yes
Self-diagnosis		yes	yes	yes	yes	yes	yes
Lambda control		yes	yes	yes	yes	yes	yes
Catalytic converter		yes	yes	yes	yes	yes	yes
Turbocharging/supercharging		no	no	no	no	no	no
Secondary air system		yes	yes	yes	yes	yes	yes

Code letters		AKC	AVN	AVP	AYS	AUX	BCS
Capacity	ltr.	3.697	4.172	4.172	4.172	4.172	4.172
Power output	kW at rpm	191/6000	175/4200	265/7000	265/7000	228/6200	265/7000
Torque	Nm at rpm	350/3250	410/3000	420/3400	420/3400	410/3000	430/3400
Bore	Ø in mm	84.5	84.5	84.5	84.5	84.5	84.5
Stroke	mm	82.4	93.0	93.0	93.0	93.0	93.0
Compression ratio		10.8	11.0	11.0	11.0	11.0	11.0
RON/MON 98/88 recommended at least RON		95	95	95	95	95	98
Fuel injection system		Motronic	Motronic	Motronic	Motronic	Motronic	Motronic
Ignition system		Motronic	Motronic	Motronic	Motronic	Motronic	Motronic
Knock control		yes	yes	yes	yes	yes	yes
Self-diagnosis		yes	yes	yes	yes	yes	yes
Lambda control		yes	yes	yes	yes	yes	yes
Catalytic converter		yes	yes	yes	yes	yes	yes
Turbocharging/supercharging		no	no	no	no	no	no
Secondary air system		yes	yes	yes	yes	yes	yes