

Technical Data – Audi R8 Coupé 5.2 FSI quattro S tronic (404 kW)

Program for Australia

Status: March 2013

Engine / electronics	
Engine type	90° V10 gasoline engine with dry sump lubrication, gasoline direct injection, four-valve technology, DOHC cylinder head, intake manifold with charge movement flaps
Valve gear / number of valves per cylinder	Continuous intake and exhaust camshaft adjustment / 4
Displacement in cc	5204 / 84.5 x 92.8 / 12.5
Max. power output in kW / at rpm	404 / 8000
Max. torque in Nm / at rpm	540 / 6500
Mixture preparation	Gasoline direct injection
Exhaust emission control	Two metal primary catalytic converters, two metal main catalytic converters; four heated oxygen sensors; secondary air system
Emissions class	EU5
Alternator in A / battery in A/Ah	140-210 water-cooled / 380/68
Drivetrain / transmission	
Drive type	All-wheel drive, mechanical differential lock, traction control (ASR)
Clutch	Two electrohydraulically controlled multi-plate clutches in an oil bath
Transmission type	7-speed S tronic
Gear ratio in 1st gear / 2nd gear	3.133 / 2.588
Gear ratio in 3rd gear / 4th gear	1.880 / 1.140
Gear ratio in 5th gear / 6th gear	0.898 / 0.884
Gear ratio in 7th gear / 8th gear	0.653 / -
Reverse gear / final drive ratio	2,647 / I: 4.458 for 1st, 4th, 5th + reverse, II: 3.588 for 2nd, 3rd, 6th + 7th
Suspension / steering / brakes	
Front suspension	Double-wishbone suspension
Rear suspension	Double-wishbone suspension
Steering / steering ratio / turning circle in metres (D102)	Hydraulic rack-and-pinion steering / 16.3 / 11.8 (38.71)
Brake system	Electronic stabilization control (ESC) with integrated ABS
Wheels	19" forged aluminium wheels in 5-twin-spoke Y design in titanium look with 235/35 R19 tyres front and 305/35 R19 tyres rear
Performance / consumption / acoustics	
Top speed in km/h	317
Acceleration, 0-100 km/h in sec	3.5
Fuel / octane value	Super Plus / 98 RON
Fuel consumption: city / highway / combined in l/100 km	19.9 / 8.6 / 12.9
CO ₂ mass emission in g/km	464 / 201 / 299
Idling / drive-past exterior noise level in dB (A)	88 / 74
Servicing / warranty (Australia)	
Service intervals	Every 15,000km or 12 months
Vehicle / paint / rust perforation guarantee	3 years with unlimited kilometres / 3 years / 12 years
Weights / loads	
Unladen weight according to EU (excluding driver) / (including driver) / gross weight limit in kg	1595 / 1670 / 1895
Axle load limit at front / rear in kg	930 / 1095
Capacities	
Cooling system capacity (incl. heating) in litres	24.9
Engine oil capacity (including filter) in litres	8.3
Fuel tank capacity in litres	90
Body / dimensions	
Body type / number of doors / seats	Audi Space Frame (ASF) / 2 / 2
Drag coefficient Cd / frontal area A in m ²	0.36 / 1.99
Length (L103) / width excluding mirrors (W103) / height (H101-M) in mm	4440 / 1929 / 1252
Wheelbase (L101) / track at front/rear (W101-1/W101-2) in mm	2650 / 1638 / 1595
Height of loading lip (H196) in mm	663
Luggage capacity in litres, according to VDA block method (V211)	100

Technical Data – Audi R8 Coupé 5.2 FSI quattro S tronic (386 kW)

Program for Australia

Status: March 2013

Engine / electronics	
Engine type	90° V10 gasoline engine with dry sump lubrication, gasoline direct injection, four-valve technology, DOHC cylinder head, intake manifold with charge movement flaps
Valve gear / number of valves per cylinder	Continuous intake and exhaust camshaft adjustment / 4
Displacement in cc	5204 / 84.5 x 92.8 / 12.5
Max. power output in kW / at rpm	386 / 8000
Max. torque in Nm / at rpm	530 / 6500
Mixture preparation	Gasoline direct injection
Exhaust emission control	Two metal primary catalytic converters, two metal main catalytic converters; four heated oxygen sensors; secondary air system
Emissions class	EU5
Alternator in A / battery in A/Ah	140-210 water-cooled / 380/68
Drivetrain / transmission	
Drive type	All-wheel drive, mechanical differential lock, traction control (ASR)
Clutch	Two electrohydraulically controlled multi-plate clutches in an oil bath
Transmission type	7-speed S tronic
Gear ratio in 1st gear / 2nd gear	3.133 / 2.588
Gear ratio in 3rd gear / 4th gear	1.880 / 1.140
Gear ratio in 5th gear / 6th gear	0.898 / 0.884
Gear ratio in 7th gear / 8th gear	0.653 / -
Reverse gear / final drive ratio	2.647 / I: 4.458 for 1st, 4th, 5th + reverse, II: 3.588 for 2nd, 3rd, 6th + 7th
Suspension / steering / brakes	
Front suspension	Double-wishbone suspension
Rear suspension	Double-wishbone suspension
Steering / steering ratio / turning circle in metres (D102)	Hydraulic rack-and-pinion steering / 16.3 / 11.8
Brake system	Electronic stabilization control (ESC) with integrated ABS 19" Forged aluminium wheels in 10-spoke Y design, polished with 235/35 R19 tyres front, 295/30 R19 tyres rear
Performance / consumption / acoustics	
Top speed in km/h	314
Acceleration, 0-100 km/h in sec	3.6
Fuel / octane value	Super Plus / 98 RON
Fuel consumption: city / highway / combined in l/100 km	20.5 / 8.9 / 13.1
CO ₂ mass emission in g/km	478 / 207 / 305
Idling / drive-past exterior noise level in dB (A)	88 / 74
Servicing / warranty (Australia)	
Service intervals	Every 15,000km or 12 months
Vehicle / paint / rust perforation guarantee	3 years with unlimited kilometres / 3 years / 12 years
Weights / loads	
Unladen weight according to EU (excluding driver) / (including driver) / gross weight limit in kg	1645 / 1720 / 1945
Axle load limit at front / rear in kg	945 / 1120
Capacities	
Cooling system capacity (incl. heating) in litres	24.9
Engine oil capacity (including filter) in litres	8.3
Fuel tank capacity in litres	90
Body / dimensions	
Body type / number of doors / seats	Audi Space Frame (ASF) / 2 / 2
Drag coefficient Cd / frontal area A in m ²	0.36 / 1.99
Length (L103) / width excluding mirrors (W103) / height (H101-M) in mm	4440 / 1929 / 1252
Wheelbase (L101) / track at front/rear (W101-1/W101-2) in mm	2650 / 1638 / 1595
Height of loading lip (H196) in mm	663
Luggage capacity in litres, according to VDA block method (V211)	100

Technical Data – Audi R8 Spyder 5.2 FSI quattro S tronic (386 kW)

Program for Australia

Status: March 2013

Engine / electronics	
Engine type	90° V10 gasoline engine with dry sump lubrication, gasoline direct injection, four-valve technology, DOHC cylinder head, intake manifold with charge movement flaps
Valve gear / number of valves per cylinder	Continuous intake and exhaust camshaft adjustment / 4
Displacement in cc	5204 / 84.5 x 92.8 / 12.5
Max. power output in kW / at rpm	386 / 8000
Max. torque in Nm / at rpm	530 / 6500
Mixture preparation	Gasoline direct injection
Exhaust emission control	Two metal primary catalytic converters, two metal main catalytic converters; four heated oxygen sensors; secondary air system
Emissions class	EU5
Alternator in A / battery in A/Ah	140-210 water-cooled / 380/68
Drivetrain / transmission	
Drive type	All-wheel drive, mechanical differential lock, traction control (ASR)
Clutch	Two electrohydraulically controlled multi-plate clutches in an oil bath
Transmission type	7-speed S tronic
Gear ratio in 1st gear / 2nd gear	3.133 / 2.588
Gear ratio in 3rd gear / 4th gear	1.880 / 1.140
Gear ratio in 5th gear / 6th gear	0.898 / 0.884
Gear ratio in 7th gear / 8th gear	0.653 / -
Reverse gear / final drive ratio	2.647 / I: 4.458 for 1st, 4th, 5th + reverse, II: 3.588 for 2nd, 3rd, 6th + 7th
Suspension / steering / brakes	
Front suspension	Double-wishbone suspension
Rear suspension	Double-wishbone suspension
Steering / steering ratio / turning circle in metres (D102)	Hydraulic rack-and-pinion steering / 16.3 / 11.8
Brake system	Electronic stabilization control (ESC) with integrated ABS
Wheels	19" Forged aluminium wheels in 10-spoke Y design, polished with 235/35 R19 tyres front, 295/30 R19 tyres rear
Performance / consumption / acoustics	
Top speed in km/h	311
Acceleration, 0-100 km/h in sec	3.8
Fuel / octane value	Super Plus / 98 RON
Fuel consumption: city / highway / combined in l/100 km	20.5 / 9.2 / 13.3
CO ₂ mass emission in g/km	478 / 214 / 310
Idling / drive-past exterior noise level in dB (A)	88 / 74
Servicing / warranty (Australia)	
Service intervals	Every 15,000km or 12 months
Vehicle / paint / rust perforation guarantee	3 years with unlimited kilometres / 3 years / 12 years
Weights / loads	
Unladen weight according to EU (excluding driver) / (including driver) / gross weight limit in kg	1745 / 1820 / 2045
Axle load limit at front / rear in kg	970 / 1160
Capacities	
Cooling system capacity (incl. heating) in litres	24.9
Engine oil capacity (including filter) in litres	8.3
Fuel tank capacity in litres	80
Body / dimensions	
Body type / number of doors / seats	Audi Space Frame (ASF) / 2 / 2
Drag coefficient Cd / frontal area A in m ²	0.36 / 1.99 (21.42)
Length (L103) / width excluding mirrors (W103) / height (H101-M) in mm	4440 / 1904 / 1244
Wheelbase (L101) / track at front/rear (W101-1/W101-2) in mm	2650 / 1638 / 1595
Height of loading lip (H196) in mm	663
Luggage capacity in litres, according to VDA block method (V211)	100

Technical Data – Audi R8 Coupé 4.2 FSI quattro S tronic (316 kW)

Program for Australia

Status: March 2013

Engine / electronics	
Engine type	90° V8 gasoline engine with dry sump lubrication, gasoline direct injection, four-valve technology, DOHC cylinder head, intake manifold with charge movement flaps
Valve gear / number of valves per cylinder	Continuous intake and exhaust camshaft adjustment / 4
Displacement in cc	4163 / 84.5 x 92.8 / 12.5
Max. power output in kW / at rpm	316 / 7900
Max. torque in Nm / at rpm	430 / 4500-6000
Mixture preparation	Gasoline direct injection
Exhaust emission control	Two metal primary catalytic converters, two metal main catalytic converters; four heated oxygen sensors; secondary air system
Emissions class	EU5
Alternator in A / battery in A/Ah	140-210 water-cooled / 380/68
Drivetrain / transmission	
Drive type	All-wheel drive, mechanical differential lock, traction control (ASR)
Clutch	Two electrohydraulically controlled multi-plate clutches in an oil bath
Transmission type	7-speed S tronic
Gear ratio in 1st gear / 2nd gear	3.133 / 2.588
Gear ratio in 3rd gear / 4th gear	1.880 / 1.140
Gear ratio in 5th gear / 6th gear	0.898 / 0.884
Gear ratio in 7th gear / 8th gear	0.653 / -
Reverse gear / final drive ratio	2.647 / I: 4.458 for 1st, 4th, 5th + reverse, II: 3.588 for 2nd, 3rd, 6th + 7th
Suspension / steering / brakes	
Front suspension	Double-wishbone suspension
Rear suspension	Double-wishbone suspension
Steering / steering ratio / turning circle in metres (D102)	Hydraulic rack-and-pinion steering / 16.3 / 11.8
Brake system	Electronic stabilization control (ESC) with integrated ABS
Wheels	19" forged aluminium wheels in 5-twin-spoke design with 235/35 R 19 tyres front and 295/30 R 19 tyres rear
Performance / consumption / acoustics	
Top speed in km/h	300
Acceleration, 0-100 km/h in sec	4.3
Fuel / octane value	Super Plus / 98 RON
Fuel consumption: city / highway / combined in l/100 km	19.3 / 8.4 / 12.4
CO ₂ mass emission in g/km	449 / 195 / 289
Idling / drive-past exterior noise level in dB (A)	88 / 73
Servicing / warranty (Australia)	
Service intervals	Every 15,000km or 12 months
Vehicle / paint / rust perforation guarantee	3 years with unlimited kilometres / 3 years / 12 years
Weights / loads	
Unladen weight according to EU (excluding driver) / (including driver) / gross weight limit in kg	1585 / 1660 / 1885
Axle load limit at front / rear in kg	920 / 1095
Capacities	
Cooling system capacity (incl. heating) in litres	23.6
Engine oil capacity (including filter) in litres	10
Fuel tank capacity in litres	90
Body / dimensions	
Body type / number of doors / seats	Audi Space Frame (ASF) / 2 / 2
Drag coefficient Cd / frontal area A in m ²	0.35 / 1.99
Length (L103) / width excluding mirrors (W103) / height (H101-M) in mm	4440 / 1904 / 1252
Wheelbase (L101) / track at front/rear (W101-1/W101-2) in mm	2650 / 1638 / 1595
Height of loading lip (H196) in mm	663
Luggage capacity in litres, according to VDA block method (V211)	100

Technical Data – Audi R8 Coupé 4.2 FSI quattro (316 kW)

Program for Australia

Status: March 2013

Engine / electronics	
Engine type	90° V8 gasoline engine with dry sump lubrication, gasoline direct injection, four-valve technology, DOHC cylinder head, intake manifold with charge movement flaps
Valve gear / number of valves per cylinder	Continuous intake and exhaust camshaft adjustment / 4
Displacement in cc	4163 / 84.5 x 92.8 / 12.5
Max. power output in kW / at rpm	316 / 7900
Max. torque in Nm / at rpm	430 / 4500-6000
Mixture preparation	Gasoline direct injection
Exhaust emission control	Two metal primary catalytic converters, two metal main catalytic converters; four heated oxygen sensors; secondary air system
Emissions class	EU5
Alternator in A / battery in A/Ah	140-210 water-cooled / 380/68
Drivetrain / transmission	
Drive type	All-wheel drive, mechanical differential lock, traction control (ASR)
Clutch	Double-disc clutch 8.46 in diameter
Transmission type	6-speed manual
Gear ratio in 1st gear / 2nd gear	3.313 / 2.053
Gear ratio in 3rd gear / 4th gear	1.423 / 1.069
Gear ratio in 5th gear / 6th gear	0.853 / 0.703
Reverse gear / final drive ratio	2.813 / 3.462
Suspension / steering / brakes	
Front suspension	Double-wishbone suspension
Rear suspension	Double-wishbone suspension
Steering / steering ratio / turning circle in metres (D102)	Hydraulic rack-and-pinion steering / 16.3 / 11.8
Brake system	Electronic stabilization control (ESC) with integrated ABS
Wheels	19" forged aluminium wheels in 5-twin-spoke design with 235/35 R 19 tyres front and 295/30 R 19 tyres rear
Performance / consumption / acoustics	
Top speed in km/h	302
Acceleration, 0-100 km/h in sec	4.6
Fuel / octane value	Super Plus / 98 RON
Fuel consumption: city / highway / combined in l/100 km	21.3 / 10.0 / 14.2
CO ₂ mass emission in g/km	496 / 234 / 332
Idling / drive-past exterior noise level in dB (A)	89 / 75
Servicing / warranty (Australia)	
Service intervals	Every 15,000km or 12 months
Vehicle / paint / rust perforation guarantee	3 years with unlimited kilometres / 3 years / 12 years
Weights / loads	
Unladen weight according to EU (excluding driver) / (including driver) / gross weight limit in kg	1560 / 1635 / 1860
Axle load limit at front / rear in kg	915 / 1075
Capacities	
Cooling system capacity (incl. heating) in litres	23
Engine oil capacity (including filter) in litres	10
Fuel tank capacity in litres	90
Body / dimensions	
Body type / number of doors / seats	Audi Space Frame (ASF) / 2 / 2
Drag coefficient Cd / frontal area A in m ²	0.35 / 1.99
Length (L103) / width excluding mirrors (W103) / height (H101-M) in mm	4440 / 1904 / 1252
Wheelbase (L101) / track at front/rear (W101-1/W101-2) in mm	2650 / 1638 / 1595
Height of loading lip (H196) in mm	663
Luggage capacity in litres, according to VDA block method (V211)	100

Technical Data – Audi R8 Spyder 4.2 FSI quattro S tronic (316 kW)

Program for Australia

Status: March 2013

Engine / electronics	
Engine type	90° V8 gasoline engine with dry sump lubrication, gasoline direct injection, four-valve technology, DOHC cylinder head, intake manifold with charge movement flaps
Valve gear / number of valves per cylinder	Continuous intake and exhaust camshaft adjustment / 4
Displacement in cc	4163 / 84.5 x 92.8 / 12.5
Max. power output in kW / at rpm	316 / 7900
Max. torque in Nm / at rpm	430 / 4500-6000
Mixture preparation	Gasoline direct injection
Exhaust emission control	Two metal primary catalytic converters, two metal main catalytic converters; four heated oxygen sensor; secondary air system
Emissions class	EU5
Alternator in A / battery in A/Ah	140-210 water-cooled / 380/68
Drivetrain / transmission	
Drive type	All-wheel drive, mechanical differential lock, traction control (ASR)
Clutch	Two electrohydraulically controlled multi-plate clutches in an oil bath
Transmission type	7-speed S tronic
Gear ratio in 1st gear / 2nd gear	3.133 / 2.588
Gear ratio in 3rd gear / 4th gear	1.880 / 1.140
Gear ratio in 5th gear / 6th gear	0.898 / 0.884
Gear ratio in 7th gear / 8th gear	0.653 / -
Reverse gear / final drive ratio	2.647 / I: 4.458 for 1st, 4th, 5th + reverse, II: 3.588 for 2nd, 3rd, 6th + 7th
Suspension / steering / brakes	
Front suspension	Double-wishbone suspension
Rear suspension	Double-wishbone suspension
Steering / steering ratio / turning circle in metres (D102)	Hydraulic rack-and-pinion steering / 16.3 / 11.8
Brake system	Electronic stabilization control (ESC) with integrated ABS
Wheels	19" forged aluminium wheels in 5-twin-spoke design with 235/35 R 19 tyres front and 295/30 R 19 tyres rear
Performance / consumption / acoustics	
Top speed in km/h	300
Acceleration, 0-100 km/h in sec	4.5
Fuel / octane value	Super Plus / 98 RON
Fuel consumption: city / highway / combined in l/100 km	19.6 / 8.6 / 12.6
CO ₂ mass emission in g/km	456 / 201 / 294
Idling / drive-past exterior noise level in dB (A)	88 / 73
Servicing / warranty (Australia)	
Service intervals	Every 15,000km or 12 months
Vehicle / paint / rust perforation guarantee	3 years with unlimited kilometres / 3 years / 12 years
Weights / loads	
Unladen weight according to EU (excluding driver) / (including driver) / gross weight limit in kg	1685 / 1760 / 1985
Axle load limit at front / rear in kg	950 / 1160
Capacities	
Cooling system capacity (incl. heating) in litres	23.6
Engine oil capacity (including filter) in litres	10
Fuel tank capacity in litres	80
Body / dimensions	
Body type / number of doors / seats	Audi Space Frame (ASF) / 2 / 2
Drag coefficient Cd / frontal area A in m ²	0.36 / 1.99
Length (L103) / width excluding mirrors (W103) / height (H101-M) in mm	4440 / 1904 / 1244
Wheelbase (L101) / track at front/rear (W101-1/W101-2) in mm	2650 / 1638 / 1595
Height of loading lip (H196) in mm	663
Luggage capacity in litres, according to VDA block method (V211)	100

Technical Data – Audi R8 Spyder 4.2 FSI quattro (316 kW)

Program for Australia

Status: March 2013

Engine / electronics	
Engine type	90° V8 gasoline engine with dry sump lubrication, gasoline direct injection, four-valve technology, DOHC cylinder head, intake manifold with charge movement flaps
Valve gear / number of valves per cylinder	Continuous intake and exhaust camshaft adjustment / 4
Displacement in cc	4163 / 84.5 x 92.8 / 12.5
Max. power output in kW / at rpm	316 / 7900
Max. torque in Nm / at rpm	430 / 4500-6000
Mixture preparation	Gasoline direct injection
Exhaust emission control	Two metal primary catalytic converters, two metal main catalytic converters; four heated oxygen sensors; secondary air system
Emissions class	EU5
Alternator in A / battery in A/Ah	140-210 water-cooled / 380/68
Drivetrain / transmission	
Drive type	All-wheel drive, mechanical differential lock, traction control (ASR)
Clutch	Double-disk clutch 8.46 in diameter
Transmission type	6-speed manual
Gear ratio in 1st gear / 2nd gear	3.313 / 2.053
Gear ratio in 3rd gear / 4th gear	1.423 / 1.069
Gear ratio in 5th gear / 6th gear	0.853 / 0.703
Reverse gear / final drive ratio	2.813 / 3.462
Suspension / steering / brakes	
Front suspension	Double-wishbone suspension
Rear suspension	Double-wishbone suspension
Steering / steering ratio / turning circle in metres (D102)	Hydraulic rack-and-pinion steering / 16.3 / 11.8
Brake system	Electronic stabilization control (ESC) with integrated ABS
Wheels	19" forged aluminium wheels in 5-twin-spoke design with 235/35 R 19 tyres front and 295/30 R 19 tyres rear
Performance / consumption / acoustics	
Top speed in km/h	300
Acceleration, 0-100 km/h in sec	4.8
Fuel / octane value	Super Plus / 98 RON
Fuel consumption: city / highway / combined in l/100 km	21.3 / 10.3 / 14.4
CO ₂ mass emission in g/km	499 / 241 / 337
Idling / drive-past exterior noise level in dB (A)	89 / 75
Servicing / warranty (Australia)	
Service intervals	Every 15,000km or 12 months
Vehicle / paint / rust perforation guarantee	3 years with unlimited kilometres / 3 years / 12 years
Weights / loads	
Unladen weight according to EU (excluding driver) / (including driver) / gross weight limit in kg	1660 / 1735 / 1960
Axle load limit at front / rear in kg	945 / 1145
Capacities	
Cooling system capacity (incl. heating) in litres	23
Engine oil capacity (including filter) in litres	10
Fuel tank capacity in litres	80
Body / dimensions	
Body type / number of doors / seats	Audi Space Frame (ASF) / 2 / 2
Drag coefficient Cd / frontal area A in m ²	0.36 / 1.99
Length (L103) / width excluding mirrors (W103) / height (H101-M) in mm	4440 / 1904 / 1244
Wheelbase (L101) / track at front/rear (W101-1/W101-2) in mm	2650 / 1638 / 1595
Height of loading lip (H196) in mm	663
Luggage capacity in litres, according to VDA block method (V211)	100