

2018MY RANGE ROVER VELAR

SPEC SHEET¹



ABOVE & BEYOND





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Trim Level	2018 RANGE ROVER VELAR (PETROL) 3.0 SC V6	2018 RANGE ROVER VELAR (PETROL) 2.0T S14	2018 RANGE ROVER VELAR (DIESEL) 2.0 TD4
	Range Rover Velar S Range Rover Velar SE Range Rover Velar R-Dynamic SE Range Rover Velar R-Dynamic HSE Range Rover Velar First Edition	Range Rover Velar Range Rover Velar S Range Rover Velar R-Dynamic SE Range Rover Velar R-Dynamic HSE	Range Rover Velar S Range Rover Velar R-Dynamic SE Range Rover Velar R-Dynamic HSE
Engine			
Engline Layout	V6	Inline 4	Inline 4
Induction	Supercharged	Turbocharged	Turbocharged
Displacement (cc)	2,995	1,997	1,999
Bore / Stroke (mm)	84.5 x 89	83 x 92.3	83 x 92.4
Compression ration (:1)	10.5	10.5	15.5
Max Power (HP)	380 @ 6,500rpm	247 @ 5,500rpm	180 @ 4,000rpm
Max Torque (lb ft)	332 @ 3,500-5,000rpm	269 @ 1,200-4,500rpm	317 @ 1,500rpm
Transmission / Drivetrain			
Transmission Type	ZF (8HP70) 8-speed automatic	ZF (8HP45) 8-speed automatic	ZF (8HP45) 8-speed automatic
1st (:1)	4.714	4.714	4.714
2nd (:1)	3.143	3.143	3.143
3rd (:1)	2.106	2.106	2.106
4th (:1)	1.667	1.667	1.667
5th (:1)	1.285	1.285	1.285
6th (:1)	1	1	1



ABOVE & BEYOND

Transmission / Drivetrain (Cont.)

7th (:1)	0.839	0.839	0.839
8th (:1)	0.667	0.667	0.667
Reverse (:1)	3.317	3.295	3.295
Final Drive Ratio (:1)	3.73	3.73	3.23
Transfer Box Ratio (:1)	1	1	1

Four Wheel Drive System

All-Wheel Drive with Intelligent Driveline Dynamics and Terrain Response® 2²

Suspension / Steering / Brakes

Front Suspension Type	Double Wishbone	Double Wishbone	Double Wishbone
Rear Suspension Type	Integral Link	Integral Link	Integral Link
Steering	Electric Power Assisted Steering (EPAS) Rack and Pinion		
Turning Circle - Curb-to-Curb (ft)	38.1	38.1	38.1
Turning Circle - Lock-to-Lock (turns)	2.52	2.52	2.52
Brake Diameter (in)	Front: 13.78 Rear: 12.8	Front: 12.8 Rear: 12.8	Front: 12.8 Rear: 12.8

Exterior Dimensions

Curb Weight (lbs)	4,471	4,217	4,359
Overall Length (in)	189.1	189.1	189.1
Overall Height (in)	65.6	65.6	65.6
Overall Width (mirrors folded) (in)	80	80	80
Overall Width (mirrors out) (in)	84.4	84.4	84.4



ABOVE & BEYOND

Exterior Dimensions (Cont.)

Wheelbase (in)	113.1	113.1	113.1
Front Overhang (in)	32.8	32.8	32.8
Rear Overhang (in)	42.9	42.9	42.9
Front Track (in)	64.7 w/ air suspension (standard)	64.6 w/ coil suspension (standard)	64.6 w/ coil suspension (standard)
Rear Track (in)	65.5 w/ air suspension (standard)	65.2 w/ coil suspension (standard)	65.2 w/ coil suspension (standard)
Drag Coefficient (Cd)	0.36	0.35	0.32

Interior Dimensions

Headroom (in)	Row 1: 39.1 Row 2: 38.9	Row 1: 39.1 Row 2: 38.9	Row 1: 39.1 Row 2: 38.9
Shoulderroom (in)	Row 1: 57.2 Row 2: 55.6	Row 1: 57.2 Row 2: 55.6	Row 1: 57.2 Row 2: 55.6
Legroom (in)	Row 1: 40.3 Row 2: 37.2	Row 1: 40.3 Row 2: 37.2	Row 1: 40.3 Row 2: 37.2
Loadspace Volume (ft ³)	Behind Row 1: 70.1 Behind Row 2: 34.4	Behind Row 1: 70.1 Behind Row 2: 34.4	Behind Row 1: 70.1 Behind Row 2: 34.4
Loadspace Length (in)	Behind Row 1: 70.7 Behind Row 2: 40.7	Behind Row 1: 70.7 Behind Row 2: 40.7	Behind Row 1: 70.7 Behind Row 2: 40.7
Loadspace Height (in)	41.1	41.1	41.1
Loadspace Width (in)	49.1	49.1	49.1
Loadspace Door Aperture Height (in)	29.7	29.7	29.7
Loadspace Door Aperture Width (in)	43	43	43



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Off-Road Dimensions

Approach Angle (deg)	24.3 w/ air suspension (standard)	24.5 w/ coil suspension (standard)	24.5 w/ coil suspension (standard)
Departure Angle (deg)	26.3 w/ air suspension (standard)	26.5 w/ coil suspension (standard)	26.5 w/ coil suspension (standard)
Maximum Departure Angle (deg)	26.5 w/ air suspension (standard)	27 w/ coil suspension (standard)	27 w/ coil suspension (standard)
Ramp Breakover Angle (deg)	20.1 w/ air suspension (standard)	20.3 w/ coil suspension (standard)	20.3 w/ coil suspension (standard)
Wading Depth (in)	25.6 w/ air suspension (standard)	23.6 w/ coil suspension (standard)	23.6 w/ coil suspension (standard)
Wheel Articulation (in)	15	13	13
Ground Clearance (in)	9.9 w/ air suspension (standard)	8.4 w/ coil suspension (standard)	8.4 w/ coil suspension (standard)
Maximum Ascent / Descent Gradient (deg)	45	45	45
Maximum Side Slope Traverse Gradient (deg)	35	35	35

Towing

Maximum Permissible Towable Mass (lbs)	5,512	5,291	5,291
Maximum Permissible Unbraked Towable Mass (lbs)	1,653	1,653	1,653

Performance³

0-60 mph (s)	5.3	6.4	8.4
0-100 km/h (s)	5.7	6.7	8.9
50-75 mph (s)	3.6	4.7	7.1
80-120 km/h (s)	3.6	4.7	7.1
Top Speed (mph)	155	135	130 (120 mph with 18-inch wheel specified)



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Fuel Economy			
EPA City	TBD	TBD	TBD
EPA Highway	TBD	TBD	TBD
EPA Combined	TBD	TBD	TBD
Fuel Tank Capacity (gal)	16.6	16.6	15.9
AdBlue Tank Capacity (pint)	N/A	N/A	38

(1) Manufacturer's figures. Correct at time of going to press.

(2) These systems are not a substitute for driving safely with due care and attention and will not function under all circumstances, speeds, weather and road conditions, etc. Driver should not assume that these systems will correct errors of judgment in driving. Please consult the owner's manual or your local authorized Land Rover Retailer for more details.

(3) Always follow local speed limits.