

Volvo S60 R

U.S. Market

ENGINES

Type
Configuration
Displacement, cm ³ /cu. in
Engine cylinder block material
Cylinderhead material
Combustion chamber type
Compression ratio
Valvetrain
Ignition sequence
Engine idling speed
Fuel, rec. octane
Max engine speed (rpm)
Max output, hp/rpm.
Max torque, ftlbs/rpm.

TRANSMISSIONS

6-speed manual gearbox. 5-speed automatic with geartronic, electronically controlled with Sport Mode selection.

Ratio	M66	AW 55-51
First	3.38	4.66
Second	2.05	3.03
Third	1.43	1.98
Fourth	1.09	1.34
Fifth	0.87	1.02
Sixth	0.7	
Reverse	3.20	5.11

Manual gearbox/final drive
Automatic transmission/final drive
Installation

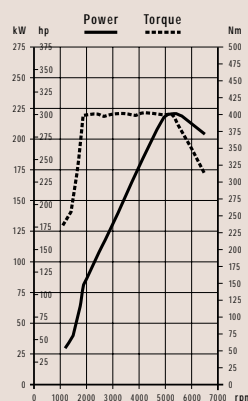
PERFORMANCE

Gearbox
Acceleration, 0-60 mph (sec)
Top speed, electronically controlled, mph
EPA estimated (mpg)

CHASSIS

Semi active chassis with 3 driving modes		
Suspension	front	Spring-strut, lower link, anti-roll bar
	rear	Individual Multi-link coil spring, anti-roll bar
Steering	Rack and pinion, power assisted, speed sensitive	
Turning circle	42.7 ft	
Turns of steering wheel end to end	2.5	
Braking system	ABS system with EBA* and EBD**.	
Ventilated discs front and rear		
Four piston callipers front and rear		
Brake disc diameter (front/rear)	13/13 in.	
Stopping distance	62-0 mph 118 ft	
Wheel dimension	8x17", 8x18"	
Tyre dimension	235/45 17", 235/40 18"	

B5254T4 (manual gearbox)
In-line 5 cylinder, with turbo
Transverse, all wheel drive
2521/154
Aluminium
Aluminium
Pent-roof
8.5
DOHC, 4 valves/cylinder. Continuously Variable Valve Timing (CVVT) on inlet and exhaust
1-2-4-5-3
720
98 RON / Premium
6500 (6800 3 sec)
300/5500
295/1950-5250

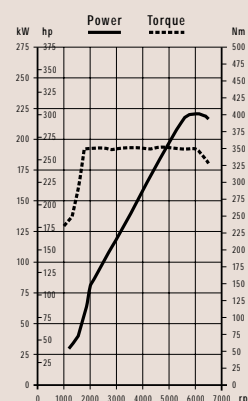


M66/3.77

Electronically controlled AWD (All Wheel Drive)

Manual	
5.4	
155	
City	Highway
18	25

B5254T4 (automatic gearbox)
In-line 5 cylinder, with turbo
Transverse, all wheel drive
2521/154
Aluminium
Aluminium
Pent-roof
8.5
DOHC, 4 valves/cylinder. Continuously Variable Valve Timing (CVVT) on inlet and exhaust
1-2-4-5-3
720
98 RON / Premium
6500 (6800 3 sec)
300/6000
258/1850-6000



AW55-51/2.65

Automatic	
7.2	
155	
City	Highway
18	25

MEASUREMENTS AND VOLUMES

Exterior measurements (in.)		Luggage volume, cu.ft. (SAE V1)	13.9
Length	181.3	Load length	41.2
Width	71	Load length with rear seat folded down	68
Wheelbase	107	Load length with rear seat and front passenger seat folded down	109
Track, front	61.3	Loading height between cargo floor and parcel shelf	17.3
Track, rear	60.7	Width of luggage compartment between wheel arches	44.9
Interior measurements (in.)			
Headroom with sunroof (front/rear)	38.9/37.9		
Headroom without sunroof (front/rear)	38.7/37.9		
Passenger compartment width at shoulder height (front/rear)	56.2/55.5		

*EBA (Electronic Braking Assistance) **EBD (Electronic Braking Distribution)

Preliminary figures

Volvo V70 R

U.S. Market

ENGINES

Type
Configuration
Displacement, cm ³ /cu. in
Engine cylinder block material
Cylinderhead material
Combustion chamber type
Compression ratio
Valvetrain
Ignition sequence
Engine idling speed
Fuel, rec. octane
Max engine speed (rpm)
Max output, hp/rpm.
Max torque, ftlbs/rpm.

TRANSMISSIONS

6-speed manual gearbox. 5-speed automatic with geartronic, electronically controlled with Sport Mode selection.

Ratio	M66	AW 55-51
First	3.38	4.66
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Fourth	1.09	1.34
Fifth	0.87	1.02
Sixth	0.7	
Reverse	3.20	5.11

Manual gearbox/final drive
Automatic transmission/final drive
Installation

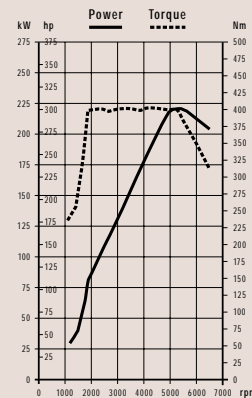
PERFORMANCE

Gearbox
Acceleration, 0-60 mph (sec)
Top speed, electronically controlled, mph
EPA estimated (mpg)

CHASSIS

Semi active chassis with 3 driving modes		
Suspension	front	Spring-strut, lower link, anti-roll bar
	rear	Individual Multi-link coil spring, anti-roll bar
Steering	Rack and pinion, power assisted, speed sensitive	
Turning circle	43.3 ft	
Turns of steering wheel end to end	2.5	
Braking system	ABS system with EBA* and EBD**.	
Ventilated discs front and rear		
Four piston callipers front and rear		
Brake disc diameter (front/rear)	13/13 in.	
Stopping distance	62-0 mph 118 ft	
Wheel dimension	8x17", 8x18"	
Tyre dimension	235/45 17", 235/40 18"	

B5254T4 (manual gearbox)	
In-line 5 cylinder, with turbo	
Transverse, all wheel drive	
2521/154	
Aluminium	
Aluminium	
Pent-roof	
8.5	
DOHC, 4 valves/cylinder. Continuously Variable Valve Timing (CVVT) on inlet and exhaust	
1-2-4-5-3	
720	
98 RON / Premium	
6500 (6800 3 sec)	
300/5500	
295/1950-5250	

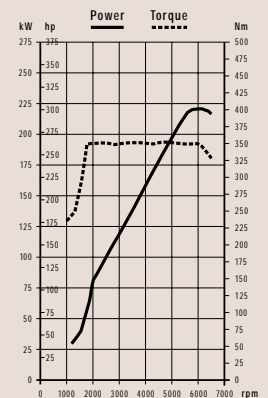


M66/3.77

Electronically controlled AWD (All Wheel Drive)

Manual	
5.6	
155	
City	Highway
18	24

B5254T4 (automatic gearbox)	
In-line 5 cylinder, with turbo	
Transverse, all wheel drive	
2521/154	
Aluminium	
Aluminium	
Pent-roof	
8.5	
DOHC, 4 valves/cylinder. Continuously Variable Valve Timing (CVVT) on inlet and exhaust	
1-2-4-5-3	
720	
98 RON / Premium	
6500 (6800 3 sec)	
300/6000	
258/1850-6000	



AW55-51/2.65

Electronically controlled AWD (All Wheel Drive)

Automatic	
7.4	
155	
City	Highway
18	24

MEASUREMENTS AND VOLUMES

Exterior measurements (in.)	
Length	185.4
Width	71
Wheelbase	108.5
Track, front	61.3
Track, rear	60.7
Interior measurements (in.)	
Headroom with sunroof (front/rear)	39.3/38.8
Headroom without sunroof (front/rear)	39.3/38.8
Passenger compartment width at shoulder height (front/rear)	
	56.2/55.9

Luggage volume, cu.ft. (SAE V1)	
(SAE V10)	71.4/37.4/35.9
Load length	42.7
Load length with rear seat folded down	72.8
Load length with rear seat and front passenger seat folded down	111.2
Height of luggage compartment	31.8
Width of luggage compartment between wheel arches	44.5

*EBA (Electronic Braking Assistance) **EBD (Electronic Braking Distribution)

Preliminary figures