

Volvo S60 R

ENGINES

| |
|--------------------------------|
| Type |
| Configuration |
| Displacement, cm ³ |
| 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, kW (hp)/rpm. |
| Max torque, Nm/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, 0–100 km/h (sec) / 0–60 mph (sec) |
| Top speed, electronically controlled km/h / mph |
| Fuel consumption l/100 km* (EC 17/1999, combined) |
| CO ₂ g/km (EU04, LEV1) |

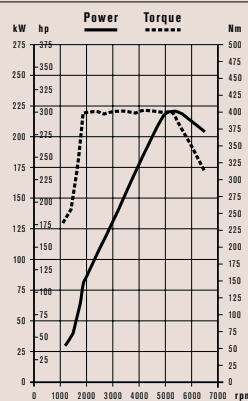
CHASSIS

| | | |
|--|--|--|
| 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 dependent | |
| Turning circle | 13 m | |
| 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) 330/330 mm*** | | |
| Stopping distance 100–0 km/h (m) 36 | | |
| 10 repeated stops (AMS) (m) 37 | | |
| Wheel dimension 8x17", 8x18" | | |
| Tyre dimension 235/45 17", 235/40 18" | | |

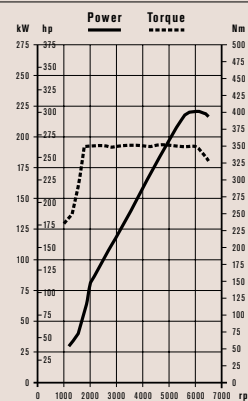
MEASUREMENTS AND VOLUMES

| | |
|---|---------|
| Exterior measurements (cm) | |
| Length | 460.6 |
| Width | 180.4 |
| Height (curb, min) | 143 |
| Wheelbase | 271.5 |
| Track, front | 155.7 |
| Track, rear | 154.2 |
| Interior measurements (cm) | |
| Headroom with sunroof (front/rear) | 99/96 |
| Headroom without sunroof (front/rear) | 98/96 |
| Passenger compartment width at shoulder height (front/rear) | 143/141 |
| Luggage volume, litres (DIN V210) | 424 |
| Load length | 105 |
| Load length with rear seat folded down | 173 |
| Load length with rear seat and front passenger seat folded down | 276 |
| Loading height between cargo floor and parcel shelf | 44 |
| Width of luggage compartment between wheel arches | 114 |
| Weight/misc (kg) | |
| Curb, min | 1637 |
| Total max | 2110 |
| Max trailer weight | 1600 |
| Weight distribution front/rear (%) | 55/45 |
| Drag coefficient, Cd | 0.29 |
| Front area (m ²) | 2.19 |

| B5254T4 (manual gearbox) | B5254T4 (automatic gearbox) |
|---|--------------------------------|
| In-line 5 cylinder, with turbo | In-line 5 cylinder, with turbo |
| Transverse, all wheel drive | Transverse, all wheel drive |
| 2521 | 2521 |
| Aluminium | Aluminium |
| Aluminium | Aluminium |
| Pent-roof | Pent-roof |
| 8.5 | 8.5 |
| DOHC, 4 valves/cylinder. Continuously Variable Valve Timing (CVVT) on inlet and exhaust | |
| 1-2-4-5-3 | 1-2-4-5-3 |
| 720 | 720 |
| 98 RON | 98 RON |
| 6500 (6800 3 sec) | 6500 (6800 3 sec) |
| 220,6 (300)/5500 | 220,6 (300)/6000 |
| 400/1950–5250 | 350/1850–6000 |



M66/3.77



AW55-51/2.65

Electronically controlled AWD (All Wheel Drive)

| Manual | Automatic |
|---------|-----------|
| 5.7/5.4 | 7.5/(7.2) |
| 250/155 | 250/155 |
| 10.5 | 10.9 |
| 252 | 261 |

Volvo V70 R

ENGINES

| |
|--------------------------------|
| Type |
| Configuration |
| Displacement, cm ³ |
| 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, kW (hp)/rpm. |
| Max torque, Nm/rpm. |

TRANSMISSIONS

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| Installation |

PERFORMANCE

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|---|
| Gearbox |
| Acceleration, 0-100 km/h (sec) / 0-60 mph (sec) |
| Top speed, electronically controlled km/h / mph |
| Fuel consumption l/100 km* (EC 17/1999, combined) |
| CO ₂ g/km (EU04, LEV1) |

CHASSIS

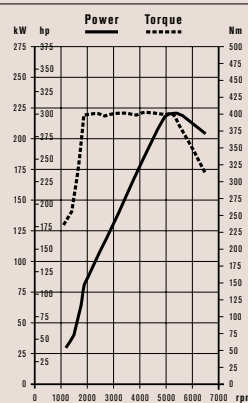
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| | rear | Individual Multi-link coil spring, anti-roll bar |
| Steering | Rack and pinion, power assisted, speed dependent | |
| Turning circle | 13.2 m | |
| Turns of steering wheel end to end | 2.5 | |
| Braking system | ABS system with EBA* and EBD**. | |
| Ventilated discs front and rear | | |
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| Brake disc diameter (front/rear) | 330/330 mm*** | |
| Stopping distance | 100-0 km/h (m) 36 | |
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| Wheel dimension | 8x17", 8x18" | |
| Tyre dimension | 235/45 17", 235/40 18" | |

MEASUREMENTS AND VOLUMES

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|---|--------------|
| Exterior measurements (cm) | |
| Length | 471.0 |
| Width | 180.4 |
| Height (curb, min) | 146 |
| Wheelbase | 275.5 |
| Track, front | 155.7 |
| Track, rear | 154.2 |
| Interior measurements (cm) | |
| Headroom with sunroof (front/rear) | 100/99 |
| Headroom without sunroof (front/rear) | 100/99 |
| Passenger compartment width at shoulder height (front/rear) | 143/142 |
| Luggage volume, litres (DIN V211/V212/V214) | 485/745/1641 |

| | |
|---|-------|
| Load length | 109 |
| Load length with rear seat folded down | 185 |
| Load length with rear seat and front passenger seat folded down | 282 |
| Height of luggage compartment | 81 |
| Width of luggage compartment between wheel arches | 113 |
| Weight/misc (kg) | |
| Curb, min | 1713 |
| Total max | 2220 |
| Max trailer weight | 1800 |
| Weight distribution front/rear (%) | 54/46 |
| Drag coefficient, Cd | 0.32 |
| Front area (m ²) | 2.23 |

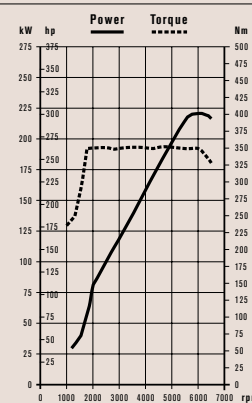
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M66/3.77

Electronically controlled AWD (All Wheel Drive)

| |
|---------|
| Manual |
| 5.9/5.6 |
| 250/155 |
| 10.7 |
| 256 |



AW55-51/2.65

| |
|-----------|
| Automatic |
| 7.7/7.4 |
| 250/155 |
| 11.1 |
| 266 |