

# Volvo V70 R

Preliminary figures

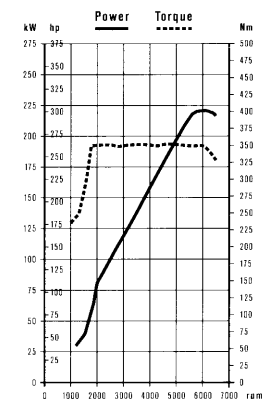
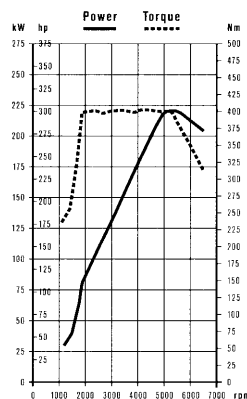
## ENGINES

|   | <b>B5254T4</b> (manual gearbox)   | <b>B5254T4</b> (automatic gearbox) |
|---|---|------------------------------------|
| Type                                      | In-line 5 cylinder, with turbo  | In-line 5 cylinder, with turbo     |
| Configuration                             | Transverse, all wheel drive   | Transverse, all wheel drive        |
| Displacement, cm <sup>3</sup>             | 2521  | 2521                               |
| Engine cylinder block material            | Aluminium   | Aluminium                          |
| Cylinderhead material                     | Aluminium   | Aluminium                          |
| Combustion chamber type                   | Pent-roof   | Pent-roof                          |
| Compression ratio                         | 8.5   | 8.5                                |
| Valvetrain                                | DOHC, 4 valves/cylinder. Continuously Variable Valve Timing (CVVT) on inlet and exhaust |                                    |
| Ignition sequence                         | 1-2-4-5-3   | 1-2-4-5-3                          |
| Engine idling speed                       | 720   | 720                                |
| Fuel, rec. octane                         | 98 RON  | 98 RON                             |
| Max engine speed (rpm)                    | 6500 (6800 3 sec)   | 6500 (6800 3 sec)                  |
| Max output, kW (hp)/rpm.                  | 220,6 (300)/5500  | 220,6 (300)/6000                   |
| Max output, kW (hp)/rpm. //figures for US | 224 (300)/5500  | 224 (300)/5500                     |
| Max torque, Nm/rpm.                       | 400/1950-5250   | 350/1850-6000                      |

## 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         | M66/3.77  | M66/3.77      |
| Automatic transmission/final drive | AW55-51 /2.65                                   | AW55-51 /2.65 |
| Installation                       | Electronically controlled AWD (All Wheel Drive) |               |

## PERFORMANCE

|  |           |           |
|--|-----------|-----------|
| Gearbox  | Manual    | Automatic |
| Acceleration, 0-100 km/h (sec) / 0-60 mph (sec)  | 5.9/5.6   | 7.7/7.4   |
| Top speed, km/h / mph  | 250*/155* | 250*/155* |
| Fuel consumption 1/100 km* (EC 17/1999, combined)<br>(Figures within brackets valid for lower inertia class) | n.a.      | n.a.      |
| CO <sub>2</sub> g/km (EU04, LEV1)  | n.a.      | n.a.      |

\* Electronically controlled top speed.

## 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                       |       | 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      |       |  |
| 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)                                  |         | Luggage volume, litres  |              |
|---|---------|---|--------------|
| Length  | 471.0   | (DIN V211 /V212/V214)   | 485/745/1641 |
| Width   | 180.4   | Load length   | 109          |
| Wheelbase   | 275.5   | Load length with rear seat folded down                          | 185          |
| Track, front  | 155.7   | Load length with rear seat and front passenger seat folded down | 282          |
| Track, rear   | 154.2   | Height of luggage compartment                                   | 81           |
| Interior measurements (cm)                                  |         | Width of luggage compartment                                    |              |
| Headroom with sunroof (front/rear)                          | 100/99  | between wheel arches  | 113          |
| Headroom without sunroof (front/rear)                       | 100/99  |   |              |
| Passenger compartment width at shoulder height (front/rear) |         |   |              |
|   | 143/142 |   |              |

\*EBA (Electronic Braking Assistance) \*\*EBD (Electronic Braking Distribution) \*\*\* 12.9/12.9 inch