



Volvo Buses. Driving quality of life

VOLVO B5TL

The UK's No.1 in uptime and fuel efficiency



Model	Volvo B5TL 2-axle low floor double deck citybus
Body specification	Wrightbus Gemini 3, ADL MMC, MCV Evoseti, Bespoke UNVI (open top buses). Body options are available with one door provincial specification or two door London specification.
Engine	Volvo D5K 240 4cyl 5.1 litre Euro 6 engine rated at 240hp @2200 rpm with maximum torque of 918Nm at 1200-1600rpm. Engine emission control uses SCR, EGR, DPF & DOC technology.
Transmission	ZF Ecolife 6AP1003 B 6 speed automatic gearbox with neutral bus stopping.
Rear Axle	ZF drop centre portal axle available with 6.20:1 and 5.74:1 axle ratio options. Electronically limited max speed options of 60km/h, 70km/h, 80km/h and 90km/h are available.
Brakes	The EBS 5 brake system is an electronically controlled pneumatic system. The front and rear disc brakes incorporate integral automatic brake adjusters. The anti-lock braking system features traction control, door brake interlock, brake temperature warning and lining wear indicator.
Steering	ZF hydraulic power assisted steering. Steering pump is electrically driven. The steering wheel position is adjustable for height and rake.
Suspension	Electronically controlled air suspension. Beam front axle, with front axle kneeling and ferry lift. Full squat available as an option with two door variants.
Electrical	The chassis electrical system is of multiplex design (BEA 3) and is a 24 volt negative earth system with two 12 volt, 225 amp hour, and heavy duty lead acid batteries (maintenance free as standard) mounted in a swing out carrier. 2 x Bosch 110 amp alternators are fitted. I-Start dual battery, electronic monitoring of oil and coolant levels and electric engine cooling fans are available as options.
Steering	ZF hydraulic power assisted steering. Steering pump is electrically driven. The steering wheel position is adjustable for height and rake.
Suspension	Electronically controlled air suspension. Beam front axle, with front axle kneeling and ferry lift.
Electrical	The chassis electrical system is of multiplex design (BEA 3) and is a 24 volt negative earth system with two 12 volt, 225 amp hour heavy duty lead acid batteries (maintenance free as standard) mounted in a swing out carrier. 1 x Bosch 120 amp alternator is fitted. The 24 volt chassis electrical system is also supplied via DC/DC converter from the hybrid 600 volt system. Electronic monitoring of oil and coolant levels is fitted as standard.
Fuel system	205 or 250 litre aluminium fuel tank fitted over O/S/F wheel arch. The fuel filler is located on the right hand side (offside) of the body; this can be offered with Posi lock or Identic fast filling systems as an option.
Tyres & Wheels	10 stud 22.5" wheels with 275/70R22.5 tyres.

