



Vehicle Inspection



This vehicle has

PASSED

the 128-Point Vehicle Inspection

- Body exterior fittings
- Engine compartment
- Front suspension, steering & underframe
- Exhaust system
- Fuel system
- Road test
- Interior fittings
- Electrical controls
- Rear suspension & underframe
- Transmission
- Brakes
- Wheels & tyres

The vehicle with registration number:

WG13UET

PASSED the AA Mechanical Check for Used Vehicles.

Report Number: **AMC405589**

Date: **15 August 2017**

AA Engineer: **Andy Brosnahan**



AA MECHANICAL CHECK

Dealer's Name: KCS of Surrey

29-33 Brighton Road

Report Number: AMC405589

Status: PASSED

Addlestone
KT15 1PG

KEY FOR POINTS IN FOLLOWING SECTIONS:

	Pass	--	Could not be checked
	Fail	N/A	Not applicable

Please note: Right = Off side (O/S) and Left = Near side (N/S) as viewed from the driver's seat.

General Information:

Registration: WG13UET
Make: VOLVO
Model: XC90 ES D5 AWD AUTO
Mileage at start of inspection: 53,605
Colour: BLUE

Body Exterior Fittings:

Window & screen glass:		Door locks/operation:	
Bonnet hinges:		Fuel filler cover/cap:	
Bonnet catch:		Number plates:	
Sunroof operation:		Convertible roof operation:	

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Interior Fittings:

Seat adjustment:	✓	Seatbelts:	✓
Boot/tailgate lock:	✓	Internal mirrors:	✓

Engine Compartment:

Coolant level/condition:	✓	Brake fluid:	✓
Coolant leaks:	✓	Engine oil level:	✓
Antifreeze:	✓	Oil Leaking:	✓
Radiator cap:	✓	Engine mountings:	✓
Hoses/pipes:	✓	Cold starting:	✓
Auxiliary drive belts:	✓	Fast idle (cold):	✓
Fuel pump/pipes:	✓	Noise level (cold):	✓
Power steering oil level:	✓	Excess fumes/smoke:	✓
Clutch fluid:	NA	Turbo/supercharger noisy/leaks:	✓

Electrical & Controls:

Starting system/ignition lock:	✓	Reverse/fog lights:	✓
Battery condition:	✓	Auxiliary lights:	✓
Battery voltages:		Interior/panel lights:	✓
12.3v - Normal:	✓	Controls/switches:	✓
9.8v - Starting:	✓	Instruments:	✓
13.9v - Charging:	✓	Horn:	✓
Headlights:	✓	Windows/sun roof:	✓
Sidelights/running lights:	✓	Wipers/washers:	✓
Rear & number plate lights:	✓	Headlamp wash/wipe:	NA
Stop lights:	✓	Indicator/hazard lights:	✓
Air Con operation:	✓		



Front Suspension, Steering & Underframe:

Engine underside leakage:	<input checked="" type="checkbox"/>	Pipes/hoses:	<input checked="" type="checkbox"/>
Steering & ball joints:	<input checked="" type="checkbox"/>	Dampers (condition/leaks):	<input checked="" type="checkbox"/>
Steering rack/box:	<input checked="" type="checkbox"/>	Gaiters:	<input checked="" type="checkbox"/>
Chassis members:	<input checked="" type="checkbox"/>	Sub-frames/mountings:	<input checked="" type="checkbox"/>
Power steering (operation):	<input checked="" type="checkbox"/>	Suspension arms/mountings:	<input checked="" type="checkbox"/>
Wheel hubs/bearings:	<input checked="" type="checkbox"/>	Tie bars/anti roll bars:	<input checked="" type="checkbox"/>
Springs/suspension units:	<input checked="" type="checkbox"/>		

Rear Suspension & Underframe:

Springs/suspension bars:	<input checked="" type="checkbox"/>	Bump stops/gaiters:	<input checked="" type="checkbox"/>
Anti roll bar:	<input checked="" type="checkbox"/>	Wheel hubs/bearings:	<input checked="" type="checkbox"/>
Dampers/bushes:	<input checked="" type="checkbox"/>	Pipes/hoses:	<input checked="" type="checkbox"/>
Suspension arms/fixings:	<input checked="" type="checkbox"/>	Sub-frames/mountings:	<input checked="" type="checkbox"/>
Location rods/fixings:	<input checked="" type="checkbox"/>	Chassis members:	<input checked="" type="checkbox"/>

Transmission:

Fluid/oil leaks:	<input checked="" type="checkbox"/>	Drive shaft assembly:	<input checked="" type="checkbox"/>
Cables/adjustments:	<input type="checkbox"/> NA	Universal/sliding joints:	<input checked="" type="checkbox"/>
Hydraulic system:	<input type="checkbox"/> NA	Backlash:	<input checked="" type="checkbox"/>
Linkage (wear):	<input checked="" type="checkbox"/>	Gaiters:	<input checked="" type="checkbox"/>
Casings:	<input checked="" type="checkbox"/>	Propshaft(s)/fittings:	<input checked="" type="checkbox"/>
Mountings:	<input checked="" type="checkbox"/>	Bearings/supports:	<input checked="" type="checkbox"/>
Clutch operation:	<input type="checkbox"/> NA		

Exhaust System:

Manifold:	<input checked="" type="checkbox"/>	Silencer(s):	<input checked="" type="checkbox"/>
Pipes:	<input checked="" type="checkbox"/>	Heat shields/mountings:	<input checked="" type="checkbox"/>
Catalytic converter(s):	<input checked="" type="checkbox"/>	Joints/couplings:	<input checked="" type="checkbox"/>

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Fuel System:

Tank:	✓	Breather pipes:	✓
Tank fixings	✓	Evidence of leaks:	✓
Fuel lines:	✓		

Brakes:

Master cylinder security:	✓	Discs/pads (if visible):	✓
Fluid leaks:	✓	Handbrake operation:	✓
Servo/power system:	✓	Flexible hoses:	✓
Pedal & pad/linkage:	✓	Pipes/connections:	✓

Wheels & Tyres

Axle	Wheel	Tread (mm)	Status
01	Front Left	5	✓
01	Front Right	4	✓
02	Rear Left	5	✓
02	Rear Right	6	✓

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Road Test:

Test distance: 3 miles

Speed achieved up to: 40 mph

Final drive operation/noise:

Gearbox operation/noise level:

Engine performance:

Engine noise:

Excess smoke:

Overheating evidence:

Instrument/control function:

Cooling fan operation:

Steering effort:

Hot restarting:

Auto changes/kick-down:

Road holding/stability:

General steering/handling:

Footbrake operation:

Hand/park brake operation:

Suspension noise:

Warning lights:

Dealer's Name: **KCS of Surrey**

Date: **15 August 2017**

AA Engineer: **Andy Brosnahan**

Rectification Required:

Item	Comment
None	

Engineers Comments:

Item	Comment
None	

Additional Information

This report has been issued by Automobile Association Developments Limited ("AADL") as requested by the car dealer ("Dealer") referred to above. It is produced in accordance with the terms and conditions accepted by the Dealer and is provided for the sole use of the Dealer and should not be relied upon by any third parties.

An Engineer has carried out a visual inspection of the parts listed within the report, on the date specified above. Prior to carrying out the inspection, the Dealer and AADL entered into a contract for the AA Vehicle Inspection and the subsequent report which is subject to the AA Vehicle Inspection terms and conditions ("Terms"), a copy of which the Dealer acknowledges it has received and agreed to. The AA Vehicle Inspection does not cover the parts/items which are listed or referred to overleaf.

AADL will have no liability to anyone other than the Dealer in relation to the AA Vehicle Inspection carried out or the subsequent Report. The statutory rights of consumers are not affected.

The AA Vehicle Inspection can only describe and/or identify defects or advisories actually found and/or which are reasonably capable of being found upon an external visual inspection of the vehicle at the time of the check. We cannot be held and are not responsible for any latent defects which are later discovered.

The Engineer shall inform the Dealer of any defects and advisories detected as a result of the AA Vehicle Inspection. It is at the Dealer's sole discretion as to whether such defects and/or advisories are fixed by the time of sale. The Dealer remains liable for all defects and advisories reported.

Items/parts not checked by the Engineer are:

- a) Oil and fuel consumption.
- b) Source of oil leaks.
- c) Brake lining material (other than what is immediately visible and be seen without dismantling any part of the vehicle).
- d) Brake fluid for contamination. Brake fluid will deteriorate over a period of time and we advise that it be replaced as recommended by the vehicle manufacturer.
- e) Cylinder compression, vehicle electrics and electronics which would require specific diagnostic equipment.
- f) Catalytic converter. If this is assessed by the Engineer as having passed the AA Vehicle Inspection, such a comment only relates to confirming its external condition, gas tightness and security. The Engineer is unable to confirm its internal condition or effectiveness as this requires exhaust emissions testing, which is beyond the scope of the AA Vehicle Inspection.
- g) The accuracy of in-car computer systems (for example, but not restricted to, computers used for route finding, fuel efficiency or otherwise).
- h) Exhaust emissions.
- i) Air conditioning efficiency.
- j) Vehicle technical Systems – Many vehicles are fitted or equipped with automatic or computerised operating systems, which may be controlled by microprocessors. These include engine-management systems, fuel systems, ignition systems, air-conditioning systems, lambda-controlled systems, stereo, radio cassettes, amplifiers, compact discs (single and multi), TV/DVD, satellite navigation, active and self-levelling suspensions, gearboxes, turbo-chargers and superchargers, anti-locking braking systems, four-wheel drive and electronic lockable differential units, traction control, alarm and immobiliser systems, catalytic exhaust/DPF systems, and variable camshaft timing systems. It is not within the scope of the AA Vehicle Inspection to check the detailed operation of these systems due to the many variations in features and operating modes of all cars, and it is not possible to confirm that these systems are functioning fully and/or to the manufacturer's design specifications. As a result, the Engineer will give an overall view and opinion on their performances generally, but neither the AA nor the Engineer will be liable to the Dealer or any third party for failing to identify any malfunction or failure of any of these systems to perform to the specification as designed by the manufacturer.
- k) Non-standard accessories as a result of personal modifications or otherwise.