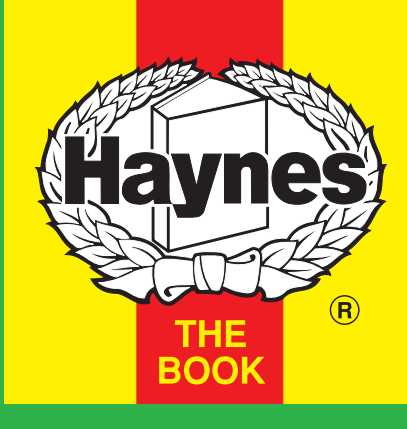


| Engine & Cooling | Fuel | Ignition | Electrical | Running gear | Torque settings | Capacities | Notes & Illustrations |
|------------------|------|----------|------------|--------------|-----------------|------------|-----------------------|
|------------------|------|----------|------------|--------------|-----------------|------------|-----------------------|



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BOOK

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HELP

Engine and cooling systemC15E 1124 Van1985 to 1988

|                                                   |     |              |
|---------------------------------------------------|-----|--------------|
| Type                                              |     | XW7B1 (109K) |
| Capacity (cm <sup>3</sup> ) / number of cylinders |     | 1124 / 4     |
| Compression ratio / pressure                      | bar | 8.2 / _      |
| Oil pressure                                      | bar | [3.0]        |
| Oil temperature                                   | °C  | 80           |
| Valve clearance - inlet                           | mm  | 0.10 to 0.15 |
| Valve clearance - exhaust                         | mm  | 0.20 to 0.30 |
| Firing order                                      |     | 1-3-4-2      |
| No 1 cylinder position                            |     | FE           |
| Thermostat opening temperature                    | °C  | 82 to 93     |
| Radiator cap pressure                             | bar | 1.1          |

Fuel systemC15E 1124 Van1985 to 1988

|                                           |     |              |
|-------------------------------------------|-----|--------------|
| Idle speed - manual [auto]                | rpm | 700 to 750   |
| Fast idle speed - manual [auto]           | rpm | _            |
| CO @ idle speed [3000 rpm] - see page VI  | %   | ≤0.5         |
| HC @ idle speed [3000 rpm] - see page VI  | ppm | ≤300         |
| CO2 @ idle speed [3000 rpm] - see page VI | %   | _            |
| O2 @ idle speed [3000 rpm] - see page VI  | %   | _            |
| Carburettor / fuel injection              |     | Solex        |
| Type / ref                                |     | 32 PBISA 12  |
| Main jet / needle                         |     | 120          |
| Injection pressure                        | bar | _            |
| Pump pressure                             | bar | _            |
| Octane rating                             | RON | 89[E 91 RON] |

Ignition systemC15E 1124 Van1985 to 1988

|                                 |                    |                  |
|---------------------------------|--------------------|------------------|
| Type                            |                    | Electronic       |
| Ignition coil                   |                    | Ducellier, Bosch |
| Primary resistance              | ohms               | 0.7 to 0.94      |
| Ballast resistor                | ohms               | _                |
| Voltage - Tmnl 15(+) to earth   | V                  | _                |
| Distributor                     |                    | Bosch/Ducellier  |
| Points gap (air gap)            | mm                 | _                |
| Dwell angle                     | ° (%)              | _                |
| Condenser capacity              | µF                 | _                |
| Rotation                        |                    | Clockwise        |
| Ignition timing - basic [static | ° Crankshaft @ rpm | 6 BTDC @ 700     |
| V = Vacuum   NV = No Vacuum     |                    | NV               |
| Total ignition advance          | ° Crankshaft @ rpm | _                |
|                                 | ° Crankshaft @ rpm | _                |
|                                 | ° Crankshaft @ rpm | _                |
| Centrifugal check.              | ° Crankshaft @ rpm | 0 to 5 @ 1700    |
|                                 | ° Crankshaft @ rpm | 12 to 17 @ 3000  |
|                                 | ° Crankshaft @ rpm | 20 to 24 @ 4400  |
| Vacuum range check              | mbar               | 30 to 250        |
| Maximum vacuum advance          | ° Crankshaft       | 12 to 16         |
| Spark plugs                     |                    | AC/Champion      |
| Type                            |                    | C42CLTS / S281YC |
| Electrode gap                   | mm                 | 0.60 to 0.70     |

Electrical systemC15E 1124 Van1985 to 1988

|                                                     |             |                         |
|-----------------------------------------------------|-------------|-------------------------|
| Battery                                             | V / CC / RC | 12 / 175 / 29           |
| Alternator voltage / full load current / engine rpm |             | 13.8 to 14.5 / _ / 3000 |
| Starter motor current / voltage - cranking          | A / V       | 47 / 12 (no load)       |
| - locked                                            | A / V       | _                       |

Running gearC15E 1124 Van1985 to 1988

|                                          |    |     |
|------------------------------------------|----|-----|
| Brakes -                                 |    |     |
| Front (min. friction material thickness) | mm | 2.0 |
| Rear (min. friction material thickness)  | mm | 1.0 |

|                                  |      |           |
|----------------------------------|------|-----------|
| Tyres                            |      |           |
| Saloon                           | Size | _         |
| Estate / Van                     | Size | 145x13    |
| Pressure - front / rear - Saloon | bar  | _         |
| - Estate / Van                   | bar  | 2.3 / 2.6 |

|                                    |        |              |
|------------------------------------|--------|--------------|
| Front suspension / wheel alignment |        |              |
| Toe-in (+) / Toe-out (-)           | mm [°] | +1.0+2.0-1.0 |
| Camber                             |        | +47'±30'     |
| Castor                             |        | +1°21'±30'   |
| King pin inclination               |        | _            |

|                                   |        |          |
|-----------------------------------|--------|----------|
| Rear suspension / wheel alignment |        |          |
| Toe-in (+) / Toe-out (-)          | mm [°] | +3.3±1.7 |
| Camber                            |        | +9'±20'  |

Torque wrench settingsC15E 1124 Van1985 to 1988

|                         |    |            |
|-------------------------|----|------------|
| Cylinder head - stage 1 | Nm | 50         |
| - stage 2               | Nm | 76         |
| Cylinder head - stage 3 | Nm | _          |
| - stage 4               | Nm | _          |
| Big-end bearings        | Nm | 38         |
| Main bearings           | Nm | 38 then 53 |
| Clutch cover            | Nm | 10         |
| Flywheel [driveplate]   | Nm | 68 LkC     |
| Front hubs              | Nm | 250        |
| Rear hubs               | Nm | 275        |
| Wheel nuts / bolts      | Nm | 60 to 80   |
| Spark plugs             | Nm | 10 to 13   |

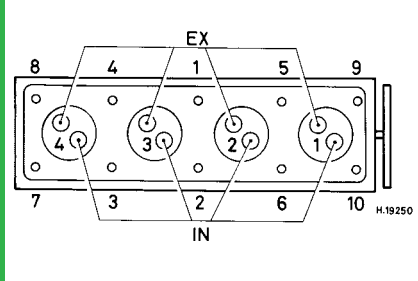
CapacitiesC15E 1124 Van1985 to 1988

|                                 |        |             |
|---------------------------------|--------|-------------|
| Engine oil & filter             | litres | 4.5         |
| Gearbox - 4-speed [5-speed]     | litres | With engine |
| Automatic transmission - refill | litres | _           |
| Final drive                     | litres | With engine |
| Cooling system                  | litres | 7.5         |
| Fuel tank                       | litres | 47          |

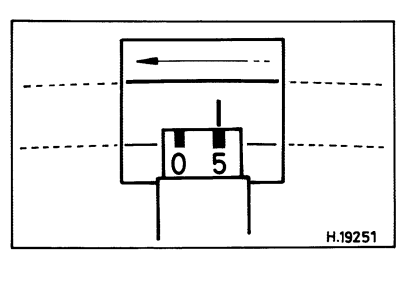
Notes and Illustrations



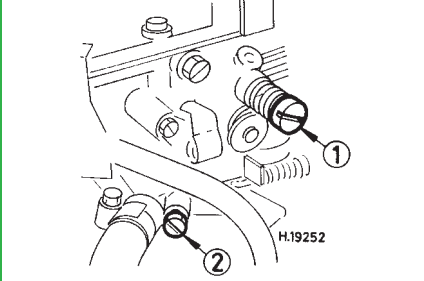
1: Idle speed      2: CO / Mixture



1124 cm³



1124 cm³



Solex PBISA