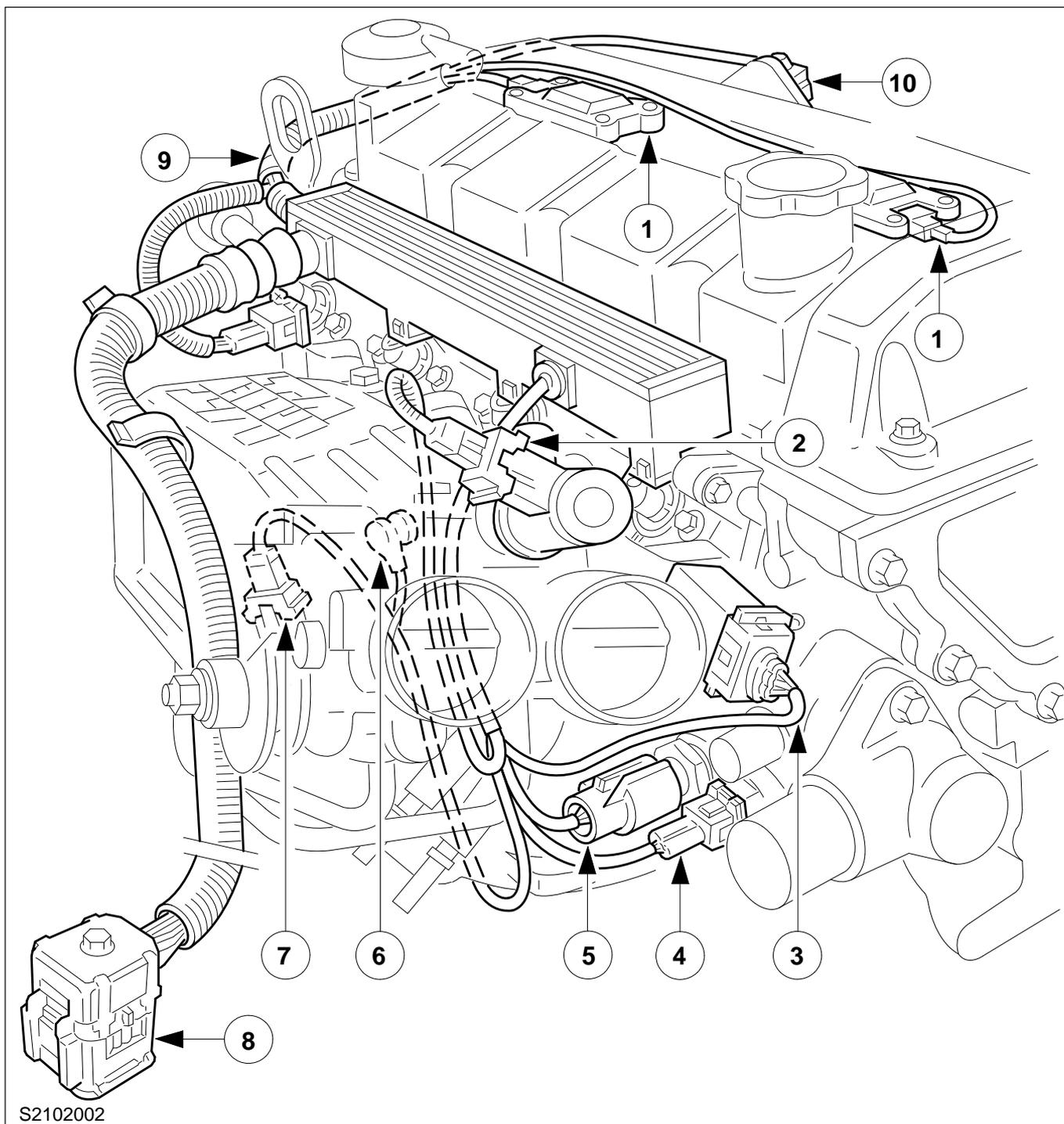


Description and Operation

Changed components compared to the Escort RS 2000:

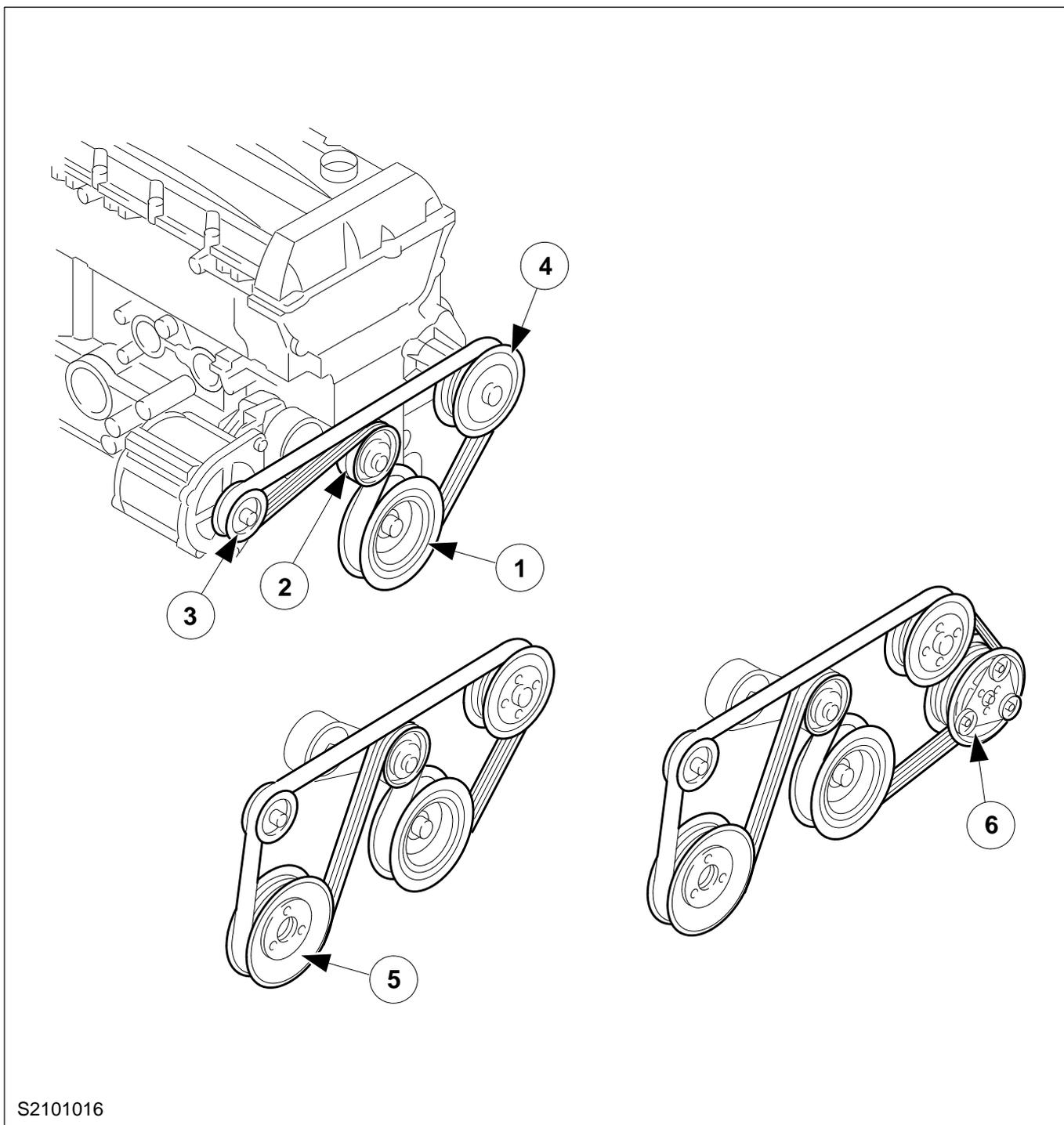
- Cylinder block.
- Revised inlet manifold.
- Pistons with compression rings higher up; the compression has been reduced from 10,3 to 9,8 due to modification to the piston crown.
- New compression rings and revised piston pins.
- Connecting rods with lateral lubricating grooves (instead of oil spray bore) on big-end bearing. Big-end bearing shells without bore.
- New cylinder head gaskets; soft gaskets are renewed using multi-layered steel gaskets.
- Valve covers are made of aluminium instead of plastic.
- New valve cover gasket.
- Revised upper and lower timing cover.
- Use of platinum spark plugs; electrode gap 1 mm.
- New fuel rail with flanged on, revised pressure control valve.
- New engine management (EEC V) with sequential multipoint fuel injection (SFI).
- New camshaft position sensor (CMP sensor).
- Revised crankshaft position sensor (CKP sensor).
- New oil dipstick tube sealed with an O-ring at the cylinder block; the O-ring does not have to be renewed during removal or installation.
- Revised oil pick-up pipe.
- Revised sump and revised oil deflecting plate.
- New oil filter.
- New drive belt for ancillary components.
- Revised rear starter motor mounting.
- Modified radial oil seals.
- New, improved heated oxygen sensor (HO2S)
- Use of exhaust gas recirculation (EGR) which works on the principle of the DPFE.
- New coolant expansion tank and new pipes in the cooling system.



Engine main wiring loom multiplugs

Item	Description
1	DIS ignition coils
2	Idle speed control valve (ISC valve)
3	Throttle position sensor (TP sensor)
4	Coolant temperature display sender

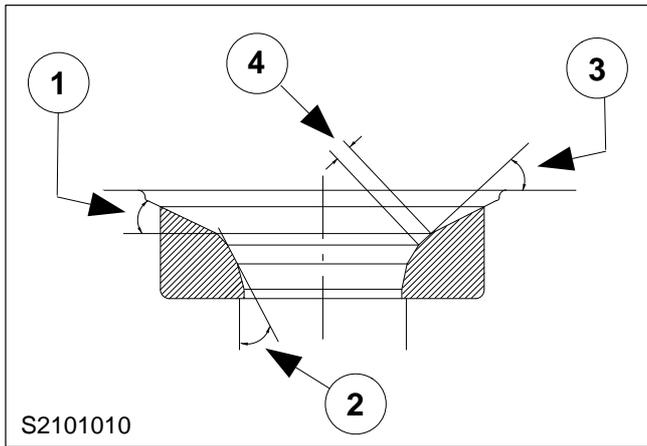
5	Engine coolant temperature (ECT) sensor
6	Oil pressure switch
7	Crankshaft position/speed sensor
8	Central connector
9	Injectors
10	Camshaft position sensor (CID)



Drive belt routing

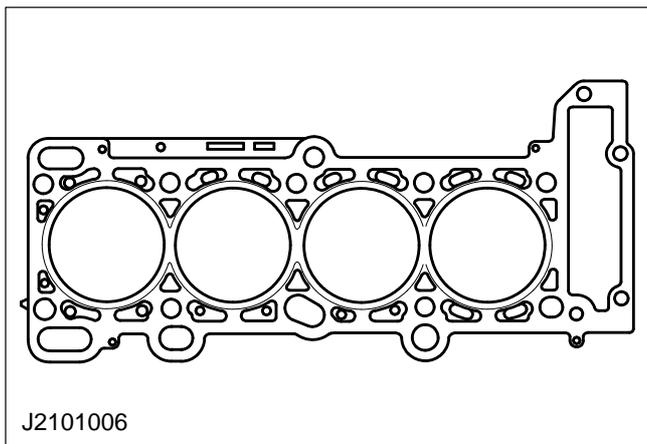
Item	Description
1	Crankshaft belt pulley
2	Automatic belt tensioner

3	Alternator
4	Water pump
5	Power-assisted steering pump
6	Air conditioning compressor



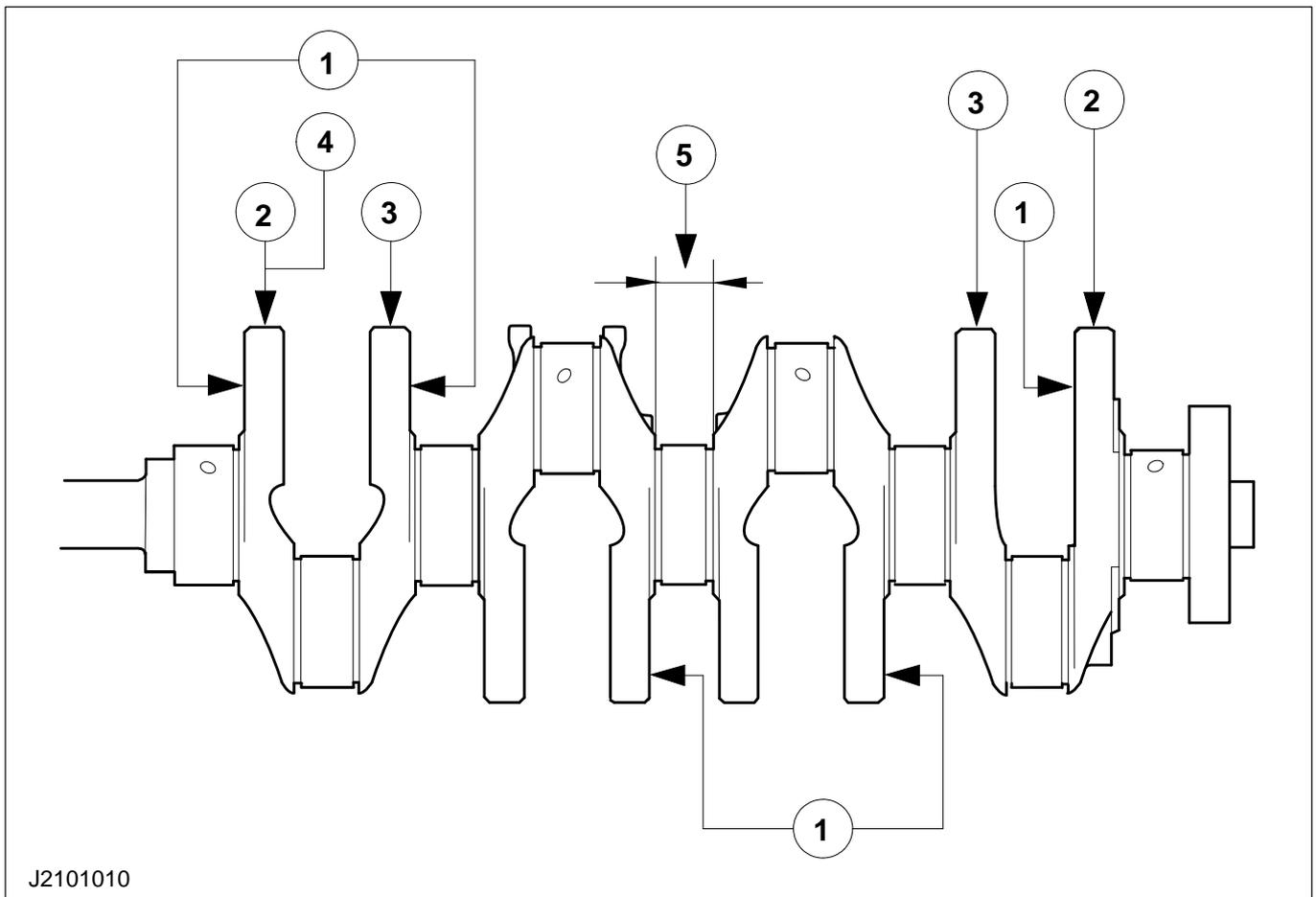
Locations of the angles on the valve seat

1. Lower correction angle
2. Upper correction angle
3. Valve seat angle
4. Valve seat width



Cylinder head gasket

With effect from the '95 model year, a multi-layered steel gasket is used.



Crankshaft with paint marks

Item	Description
1	Yellow line for standard size (\varnothing 54,99 - 54,98) main bearing journals, red line for standard size (\varnothing 55,00 - 54,99) main bearing journals
2	Green line for production undersize (0,25) main bearing journals
3	Green line for production undersize (0,25) main bearing journals
4	Yellow line for undersize (0,38) centre main bearing journal width
5	Centre main bearing journal width