

29	Cylinder head cover on cylinder head centring pin	
30	Camshaft bearing cap, timing side	
31	Camshaft bearing cap bolts, timing side	10Nm +/-1Nm ; Prior to tightening the bearing assembly (marks: 16, 24, 28, 30) to 4Nm in the order, bolts 1 to 22 ; then tightening 10Nm +/-1Nm in the order, bolts 1 to 22
32	Camshaft bearing cap guides, timing side	
33	Cylinder head	(see 11A, Top and front of engine, Cylinder head: Removal - Refitting)
34	Timing end lifting eye bolts	25Nm +/-4Nm
35	Timing end lifting eye	Cylinder head: Stripping - Rebuilding
36	Cylinder head bolts	25Nm +/-2Nm / 270° +/- 20° ; tightening at 20Nm in the order, then tightening 25Nm in the order, then adjustment bolts by bolts at 25Nm and 270° +/-20° in the order.
37	Inlet valve	
38	Inlet valve seat	
39	Inlet valve guide	
40	Inlet valve stem seal	
41	Inlet valve spring	
42	Inlet valve spring cupwasher	Valve: Removal - Refitting
43	Inlet valve stem wedge	Valve: Removal - Refitting
44	Inlet valve lifter	
45	Cylinder head cover central bolts	10Nm +/-2Nm
46	Spark plugs	24Nm +/-4Nm
47	Ignition coil	
48	Ignition coil bolt	10Nm +/-2Nm
49	Design cover fixing reinforcement ring	
50	Design cover bolts	8Nm +/-1Nm
51	Design cover	



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XSL version : 3.02 du 22/07/11

CYLINDERHEAD:CLEANING



Note, one or more warnings are present in this procedure



Equipment required

component support

cleaning trough

parts washer



WARNING

Before carrying out any operation on a vehicle fitted with the Stop & Start system, always follow the safety instructions [Vehicle: Precautions for the repair](#)

1. CLEANING PREPARATION OPERATION



CAUTION

Do not scrape the joint faces of the aluminium, any damage caused to the joint face will result in a risk of leaks.



WARNING

Wear goggles with side protectors for this operation.



WARNING

Wear leaktight gloves (Nitrile type) for this operation.

CAUTION

Do not allow this product to drip onto the paintwork.



Clean the cylinder head carefully to avoid any foreign bodies entering the oil return and supply pipes.

Failure to follow this advice could lead to the blocking of the various oil inlet galleries, which would quickly result in engine damage.

Remove the engine - gearbox assembly [Engine - gearbox assembly: Removal - Refitting](#) .

Position the engine on the component support [\(see 10A, Engine and cylinder block assembly, Engine support equipment: Use\)](#) .

Remove the cylinder head [\(see 10A, Engine and cylinder block assembly, Cylinder head: Removal - Refitting\)](#) .

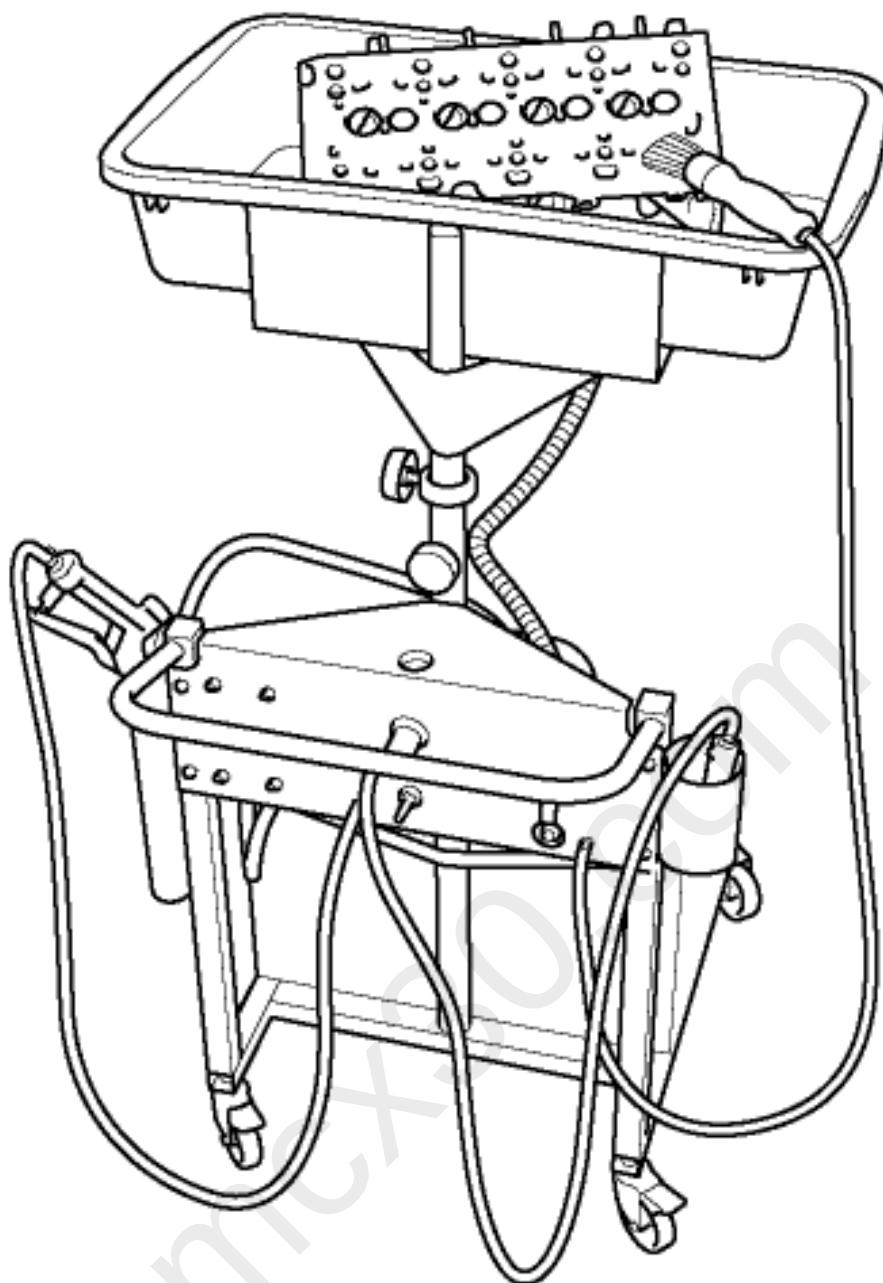
Strip the cylinder head [\(see 10A, Engine and cylinder block assembly, Cylinder head: Stripping - Rebuilding\)](#)

2. CLEANING THE CYLINDER HEAD

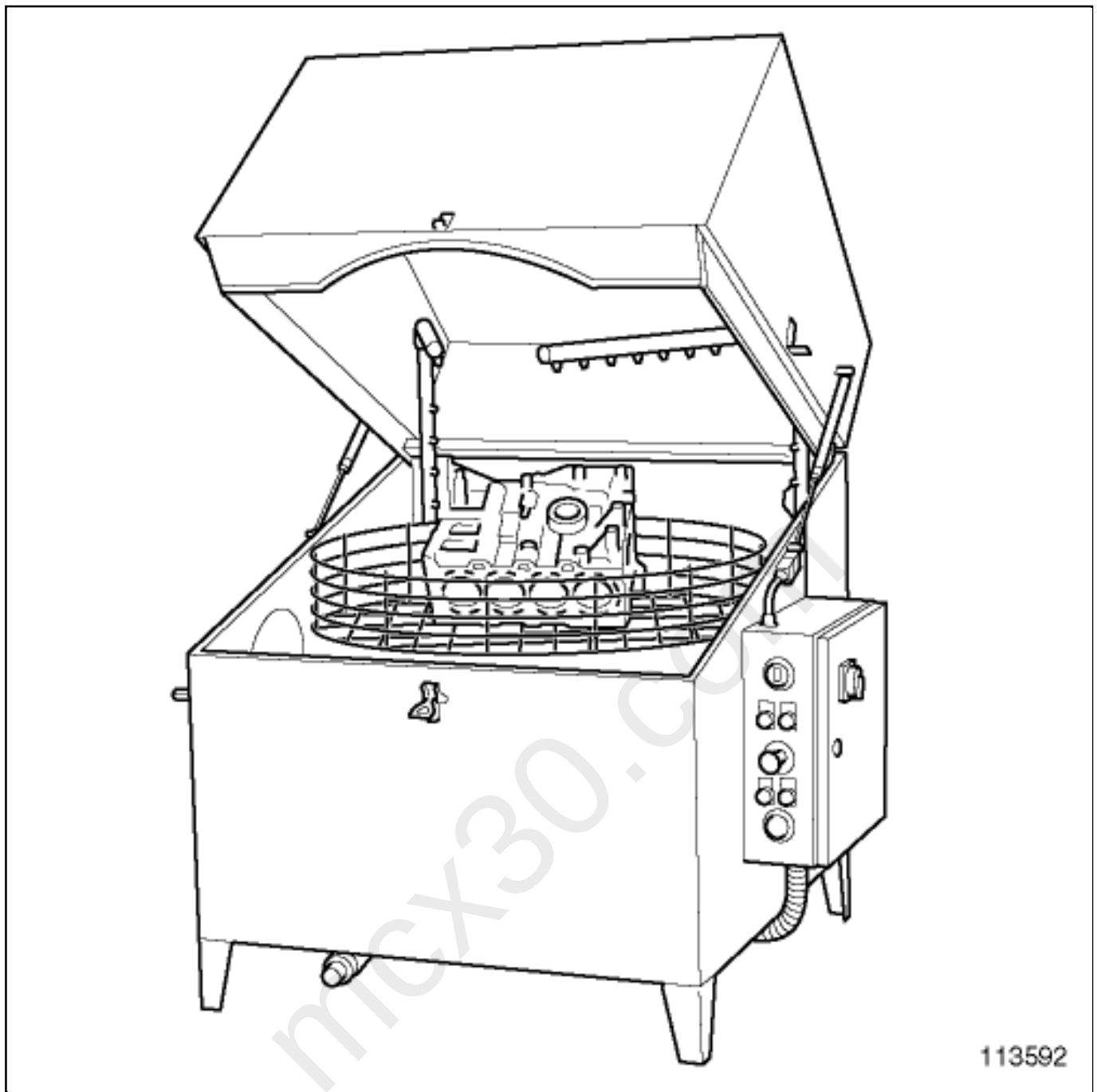
Clean the joint face of the cylinder head using Super cleaning agent for joint faces [Vehicle: Parts and consumables for the repair](#) (04B, Consumables - Products).

Remove the residue using a wooden spatula

Finish cleaning the parts using a grey abrasive pad [Vehicle: Parts and consumables for the repair](#) (04B, Consumables - Products).



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Wash the cylinder head using a parts washer Or a cleaning trough.

3. FINAL OPERATION

Rebuild the cylinder head ([see 10A, Engine and cylinder block assembly, Cylinder head: Stripping - Rebuilding](#)) .