

27	Con rod bearing shell	Piston - Con rod: Removal - Refitting
28	Piston base cooling jet bolt	
29	Piston base cooling jet	Piston base cooling jet: Removal - Refitting
30	Piston pin	Piston - Con rod: Removal - Refitting
31	Piston pin locking spring ring	
32	Scraper ring	
33	Sealing ring	
34	Compression ring	
35	Piston	
36	Piston pin locking spring ring	
37	Con rod	Piston - Con rod: Removal - Refitting The writing on the con rod body and con rod cap should always be face to face
38	Con rod cap bolt	Proceed con rod cap by con rod cap Step 1: pre-tightening bolts 1-2= 10 N.m Step 2: tightening torque bolts 1-2= 25 Nm Step 3: tightening angle bolts 1-2= 110° +/-6° Tighten bolts 3-4 Tightening in order con rod cap 2; con rod cap 3; con rod cap 4
39	Crankshaft adjustment shim	Crankshaft: Removal - Refitting

CYLINDERBLOCK:CLEANING



Note, one or more warnings are present in this procedure



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](#) .



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



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

2. CLEANING THE ENGINE PERIPHERALS



Clean the gasket surfaces of the cylinder block with Super cleaning agent for joint faces[Vehicle: Parts and consumables for the repair](#) .

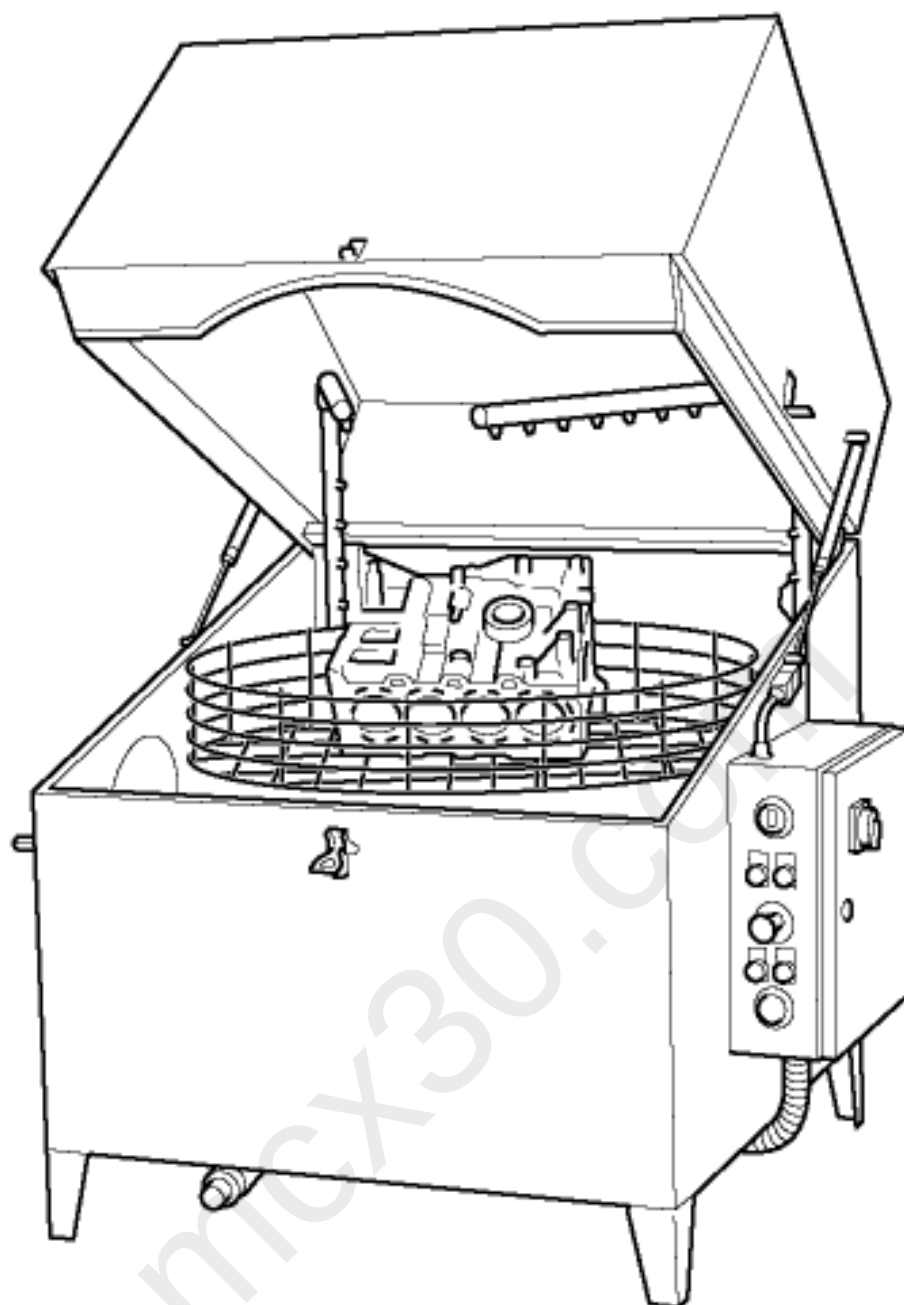


Remove the residue using a wooden spatula

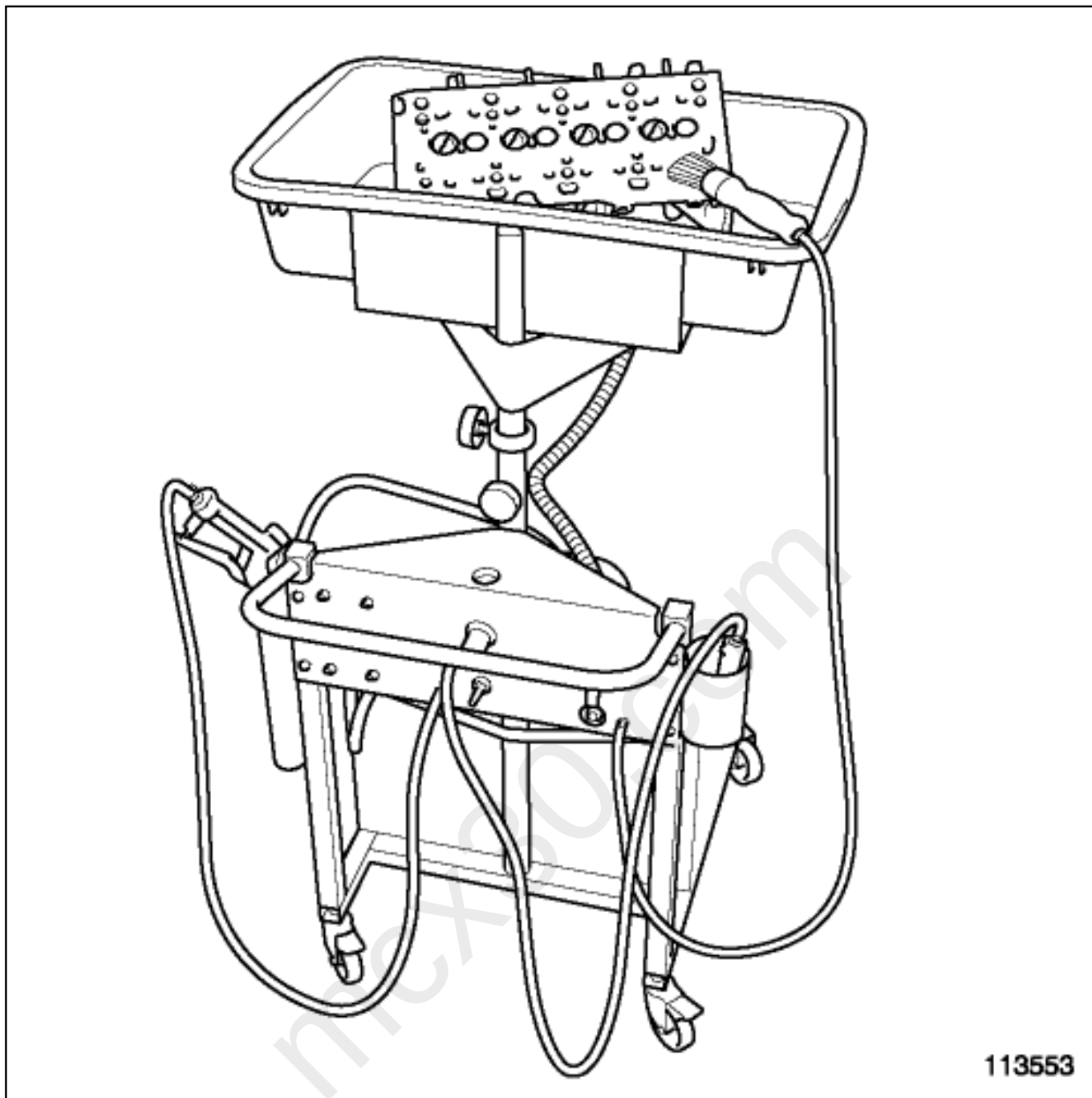


Finish cleaning the parts using a grey abrasive pad, part number 77 01 405 943.

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Wash the cylinder block using a cleaning fountain or a heated cleaning bath.

3. FINAL OPERATION.

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