



ENGINE CYLINDER BLOCK

FAMILY CODE: **31494**

The cylinder block is an integral part of the engine. The trio of pistons, rods and crankshafts enables the energy produced by the fuel (explosion) to be converted from translational movements into rotational movements, with the latter driving the wheels.



NON-EMITTED CO₂*: *under investigation*



MATERIAL SAVINGS*: *under investigation*

*Source: Life-Cycle Assessment (LCA) Europe.
Based on a European study Material savings and non-emitted CO₂ on average compared with the new equivalent MOPAR genuine part. Values are given for information only, corresponding to the main seller of the similar products and determined according to a methodology approved by an independent company (Sphera methodology).



REMANUFACTURING STEPS

- Systematic replacement of moving parts: piston assemblies, rings, etc., guaranteeing a compression ratio and oil and fuel consumption that is identical to a MOPAR genuine parts engine
- Check noise level (must be identical to a MOPAR genuine part)
- Ensure conformity with electronics, the injection and the exhaust system



MAINTENANCE & REPAIR GUIDELINES

The cylinder block must be replaced when:

- The engine makes a knocking noise when accelerating
- The engine consumes oil
- The timing belt is broken
- There is a loss of power and less compression



ADDITIONAL CHECKPOINTS

- Cooling radiator
- Turbo, if fitted
- Timing kit
- Coolant pump
- Accessories kit (tensioner rollers + alternator belt)
- Clutch
- Exhaust line
- Cylinder head

EE SA NA

