



ENGINE CYLINDER HEAD

FAMILY CODE: **31274**

The cylinder head is located on the upper section of the engine and contains the combustion chamber. Its role is to allow the air-fuel mixture to enter on one side and release exhaust gases on the other side.



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: camshaft assembly, valves, etc.
- Check the compression ratio, oil and fuel consumption, identical to that of a MOPAR genuine parts engine, ensuring that the noise level is identical to a MOPAR genuine part
- Check of conformity with electronics, the injection, and the exhaust system



MAINTENANCE & REPAIR GUIDELINES

The cylinder head must be replaced when there is:

- A knocking noise when accelerating
- Engine oil consumption
- A timing belt breakage
- 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
- Pistons or rings
- Cylinder blocks

EE SA NA

