

Box as received

Watched it being opened



Observed cylinder

The cylinder exhibited witness marks consistent with exhaust gas erosion.



Inside cylinder

No damage inside cylinder other than around valve. No hotspots on valves consistent with normal induction/combustion.



Observed cracks

There was a crack present consistent with thermal shock cooling. Cracks at room temperature are hard to detect by dye penetrant methods. Cracks will open when applied power produces heat and exhaust gases subsequently erode through the softer aluminum that makes up the cylinder.

