



J2 TECHNICAL ARTICLE

Number 20

From Octagon Heaven

April 22, 1981

Resource: M.G. Car Company
Issued Feb., 1936

SERVICE INFORMATION SHEET NO. 31 -- CRANKSHAFT FATIGUE

The M.G. Car Company Ltd.

M, D & J Models

Date of Issue: October, 1934

Revised and Re-issued: February, 1936

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CRANKSHAFT FATIGUE

An interesting fact has been brought to light during an investigation into the question of fatigue life of the two-bearing type crankshafts.

The investigation showed quite clearly that this type of crankshaft should not be reground, owing to the fact that regrinding the journals to a smaller dimension weakens the structure and relative balance of the crankshaft.

This, coupled with the fact that a great number of these crankshafts are called upon to transmit exceedingly high engine r.p.m. and increased horse-power, makes it impossible to calculate the fatigue life.

Therefore, it has been officially ruled that this type of crankshaft will on no account be reground in future.