

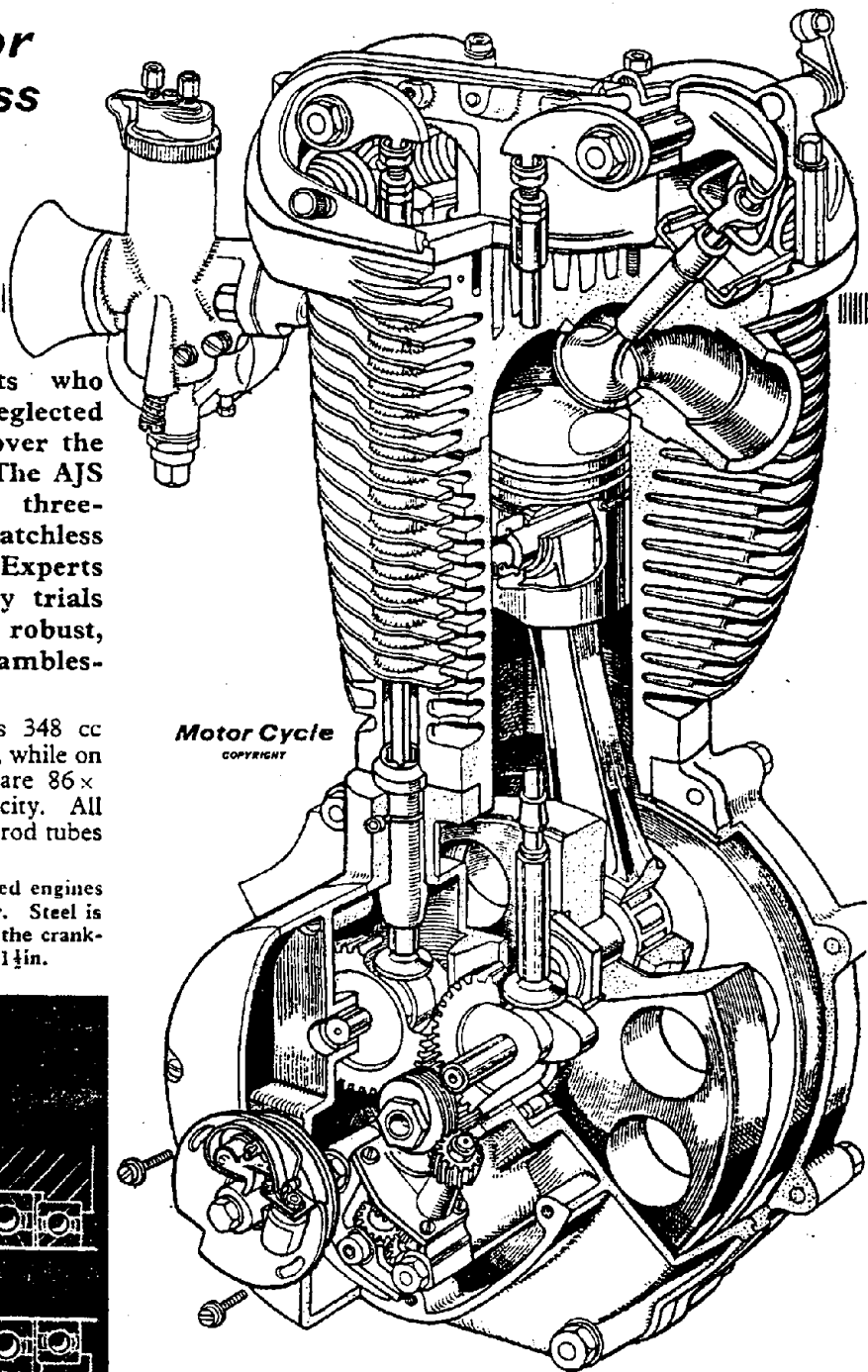
BEEFIER SINGLES

*Recast engines for
AJS and Matchless
three-fifties and
five-hundreds*

SINGLE-CYLINDER enthusiasts who think that they are being neglected nowadays should cast an eye over the new AJS and Matchless line-up. The AJS Sceptre and Matchless Mercury three-fifties, the AJS Statesman and Matchless Major five-hundreds and the AJS Experts and Matchless Maestro three-fifty trials models will all be using more robust, short-stroke engines with scrambles-proved bottom halves.

Dimensions of the roadster and trials 348 cc models are 72mm bore and 85.5mm stroke, while on the 497 cc roadsters the measurements are 86 x 85.5mm as on the scramblers of this capacity. All the singles in the range now have the push-rod tubes integral with the cylinder barrel.

Internally the new three-fifty and five-hundred engines are modified to increase strength and reliability. Steel is now used for the flywheels instead of iron and the crank-pin diameter has been increased by 5/16in to 1 1/4in.



Bottom half of the new three-fifty engine is based on the scrambles-proved version. Bore is 72mm and stroke 85.5mm. Sketch on the left shows the big-end oil feed through the mainshaft and flywheel

