

THE MOTOR CYCLE, 20 SEPTEMBER 1951  
 Roadmaster and Universal models

finished in black and mingham, 11. Prices are as follows:—  
 TT1, 244 Talisman Twin ... 125 0 0 159 14

## A.B.J. Lightweights

Two 98 c.c. Models Powered by Villiers Engines

**A**B.J. models, comprising two 98 c.c. Villiers-powered lightweights, will remain unchanged for 1952. One of these machines, it will be recalled, is a motor cycle, and the other an auticycle. In the case of the motor cycle the engine is a Villiers Series 1F unit incorporating a two-speed gear, and, in the case of the

auticycle, the power is provided by the Villiers Series 2F single-speed engine. Both of these engines have roller-bearing big-ends, and ball bearings for supporting the mainshafts. Cylinder heads are of light alloy and are retained on the cast-iron cylinder by means of four studs. Ingeniously, for ease of production,

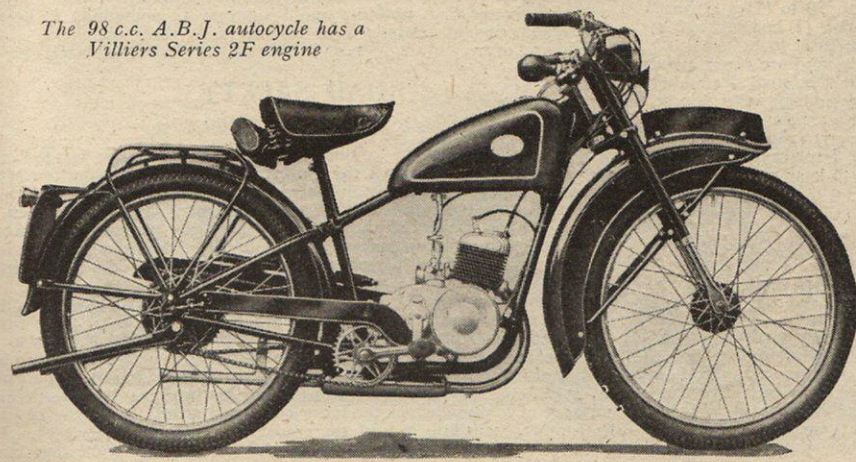
both A.B.J. machines have much in common. Both frames, for instance, are of the full-loop type with brazed, malleable lugs at the joints for maximum strength. A telescopic fork is employed on each machine, and the fork has a novel feature in that there are two separate springs in each leg; one operates on depression and the other on rebound.

Total weight of each machine is stated to be in the region of 140lb. Wheelbase of both is approximately 50in. Fuel capacity is 1½ gallons. In each case, the front mudguard is mounted through in-line stays to the fixed, or upper, fork leg and is deeply valanced; rear guards are unvalanced and hinged at the rear to facilitate rear-wheel removal. Tyres on both models are 2.25 x 26in front and back.

Sensibly, the saddles are mounted on adjustable stems giving a height-range variation of 3in. Brakes are 3¼in diameter front, and 4in rear. Both auticycle brakes are operated by handlebar levers, but those on the motor cycle are operated in the normal manner, i.e., the rear one by a pedal on the left of the machine and the front by a lever on the handlebar.

Finish in each case is black, with gold tank lines and transfers. Handlebars, exhaust pipes, and the headlamp rims are chromium plated. Manufacturers are A. B. Jackson Cycles, Ltd., 109, Pope Street, Birmingham, 1. Prices are as follows:—

*The 98 c.c. A.B.J. auticycle has a Villiers Series 2F engine*



	Basic Price	Total Price
Auticycle	£ 52 10	£ 66 13 6
Motor cycle	£ 60 0	£ 76 4 0