

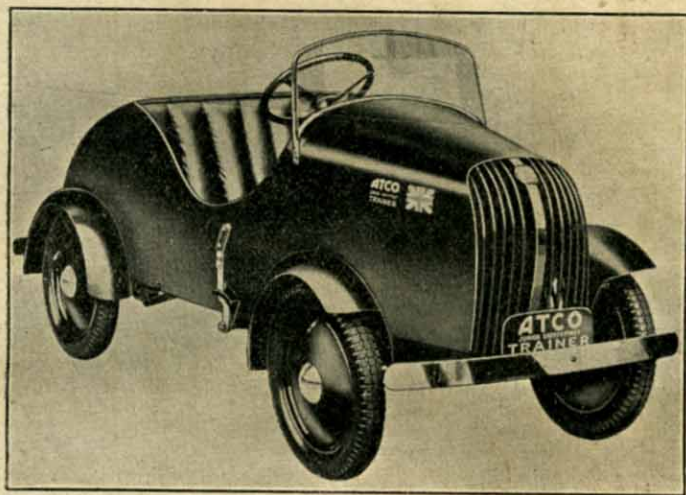
A Selection of Items of Technical and Topical Interest

A MINIATURE MOTOR CAR.

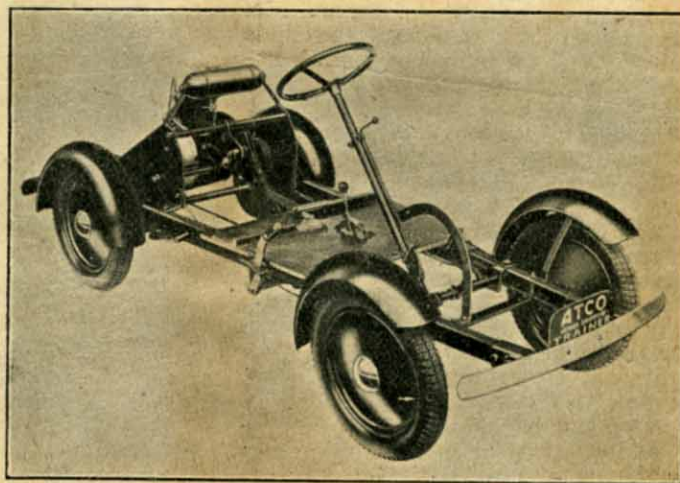
A very small motor car possessing the steering controls of a full size model, but propelled by a 1 h.p. 2-stroke petrol engine, has recently been produced in this country, primarily with the object of training the younger generation and at the same time instilling them with a proper road sense. The car has one forward speed and one reverse, the controls consisting of a gear lever, clutch pedal, acceleration pedal and foot brake pedal, arranged according to standard practice. Its wheel base is such that it is practically impossible for the car to overturn how-

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A Miniature 1 h.p. Motor Car.



Chassis of the Miniature Car.

ever sharply the steering lock is moved. The car is fitted with an open two-seater body, and the engine is mounted over the rear axle, it being a 98 c.c. 1 h.p. air-cooled Atco Villiers type, and readily accessible from the back through a large door which also acts as a cooling vent. A flywheel magneto is used for ignition, and the whole engine unit is readily removable from the chassis if necessary. Transmission is by chain through a foot-operated friction cone clutch. The engine is fitted with a hand starter between the seats, and is easy to operate. There is a single brake on the rear axle, and both hand and foot levers operate on the same brake. The Dunlop pneumatic tyres, of 16-in. by 2-in., mounted on special disc wheels, run on roller bearings. The complete car weighs 150 lbs, and has a maximum forward speed of 8 to 10 m.p.h. A special book of 68 pages has been prepared giving clear instructions and illustrations for the benefit of the juvenile driver. The vehicle is known as the Atco Junior Trainer, and is made by Messrs. Charles H. Pugh, Ltd., of Birmingham. It costs £35.