



The Alexander Turner **a new British Sports Car**

Here is one of the most interesting and exciting sports cars yet produced, a development of the dashing little Alexander modified Turner which won Britain's most coveted sports car trophy in 1959, the Autosport Championship.

Behind the Alexander-Turner are Alexander Engineering Co Ltd, the country's leading specialists in improving the performance of popular cars, and Turner Sports Cars (Wolverhampton) Ltd, whose considerable experience and success in motor racing has endowed it with magnificent roadholding, precise steering and a glass fibre body of unrivalled finish and attractive design.

The Alexander Turner complete or in build-it-yourself form is a rugged car, with an extremely rigid steel sub-frame. Its flexible engine, perfect all-weather equipment and large locking luggage boot, make it ideal for fast long distance touring or in-town week-end shopping; yet with a remarkably large range of optional extras for competition enthusiasts it is sufficiently potent and surefooted to win even the toughest sports car race. The Alexander Turner is equipped with full weather protection and instrumentation. Its price is well below that of any other car of comparable speed, comfort or economy.

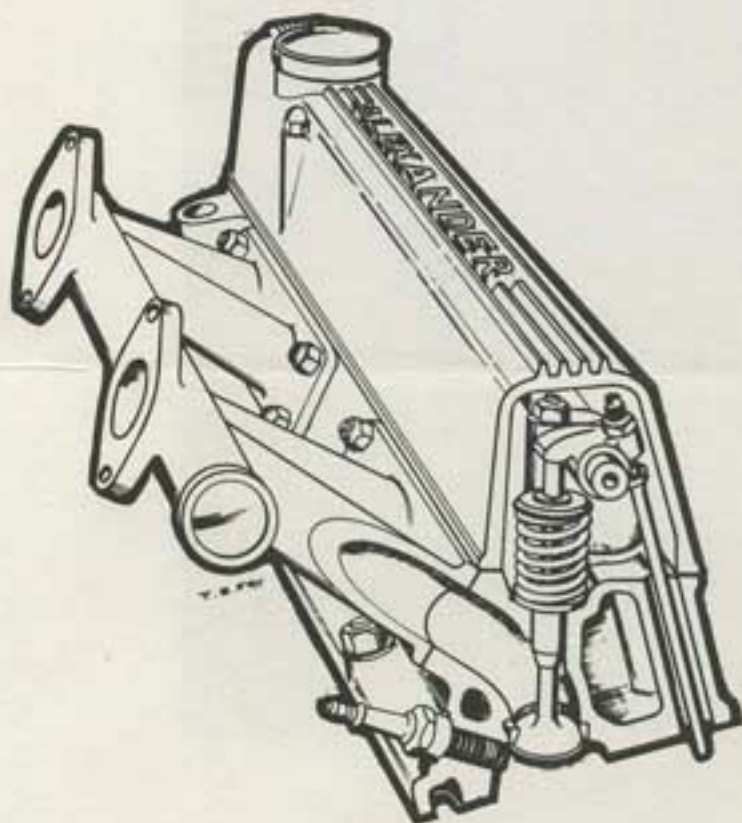
The Alexander Turner is powered by B.M.C.'s Series 'A' Engine of the Sprite, A40 and Minor 1000, but Alexander Engineering have produced for it a new, light-alloy, cross-flow cylinder head to lift its performance characteristics onto a completely different plane.

This head has been race-tested with great success, and with standard extras all available for the Alexander Turner, this engine has been giving over 80 bhp; in the Coupe de Salon at Montlhery during the race-test season, it gave an Alexander Sprite victory in its class and several timed speeds on the straight of 118 mph. In an A40 it gained three international saloon car wins and several class successes.

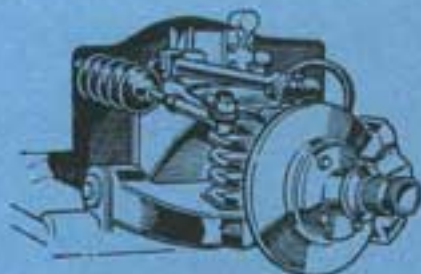
The large variety of specifications which can be chosen from the comprehensive list of optional extras, and the car itself, have been specifically designed to offer the small car connoisseur a vehicle which is truly personalised. You can make the Alexander Turner the type of car to suit your own driving wishes and requirements.

The Alexander Turner's optional equipment listed on the back page, include choice of three camshafts, Girling front disc brakes, Lockheed servo-assisted braking, racing-strength close ratio gears, ZF self-locking differential and detachable hardtop.

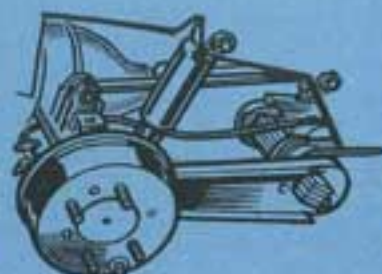
DO-IT-YOURSELF builders do not need welding or other special equipment for assembly, and construction should be completed within very few working hours.



Alexander's light-alloy, cross-flow cylinder head gives smooth, quiet, cooler running for sustained fast cruising and a new sphere of performance.

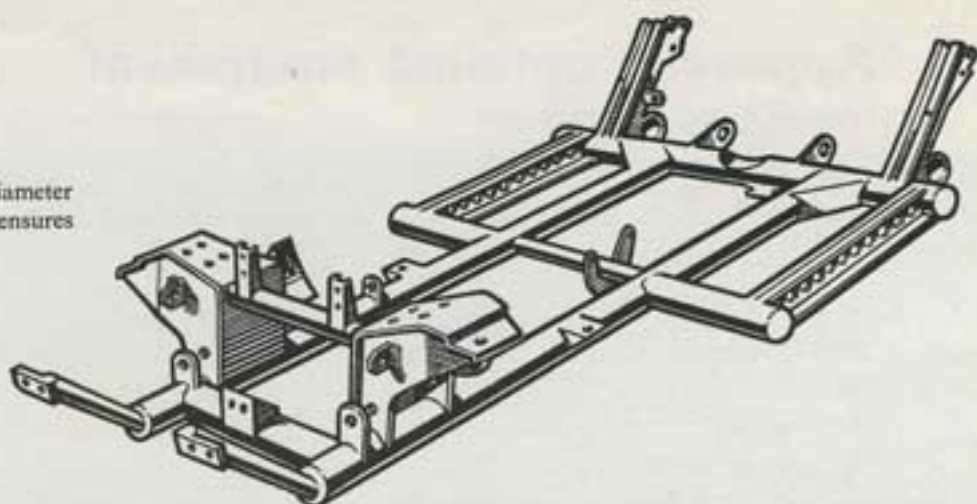


The famous Girling disc brakes can be fitted to the independent front wheel suspension by coil springs and wish-bones with Armstrong hydraulic shock absorbers.



An A35 rear axle is located on trailing arms, with laminated torsion bar suspension, telescopic shock absorbers and Panhard rod.

An extremely rigid frame using large diameter tubes, and of all welded construction, ensures roadholding of the highest order.



Alexander Turner Specification

General—The beautiful, yet practical, fibreglass body of this two-seat sports car is mounted on a rigid steel sub-frame. The comfortable interior is superbly finished and has all weather equipment. The large rear luggage compartment is fitted with a hinged locking lid. The light weight of 10½ cwt. ensures remarkable performance and economy.

Engine—B.M.C. 'A' Series fitted with Alexander cross-flow light alloy cylinder head 9.4:1 compression ratio. Twin 1¼" S.U. carburettors, and special exhaust system.

Gear Box—B.M.C. 'A' Series.

Frame—All welded construction using large diameter tubes ensuring great strength rigidity and road holding.

Front Suspension—Independent by coil springs using B.M.C. 'A' Series main components with Armstrong hydraulic shock absorbers.

Rear Suspension—B.M.C. 'A' Series rear axle located on trailing arms with laminated Torsion bar suspension, telescopic hydraulic shock absorbers and Panhard rod.

Chassis—standard specification:

Wheelbase	6ft. 8½ ins.
Track Front	3ft. 9½ ins.
... .. Rear	3ft. 8½ ins.
Overall Length	11ft. 6 ins.
Overall Width	4ft. 6 ins.
Overall Height to Windscreen	3ft. 11 ins.
Brakes	8ins. x 1½ ins. 2LS
Wheel Size	15 ins.
Tyre Size	5.20 ins. x 15 ins.

Engine—standard specification

Bore	62.9 m.m.
Stroke	76.2 m.m.
Cubic Capacity	948 c.c.
Max. B.H.P.	60 at 6,000 R.P.M.
Compression Ratio	9.4 to 1

Transmission—standard specification

Rear Axle Ratio	4.55 to 1
Gear Ratios	Rev. 4.664
... .. 1st	3.628
... .. 2nd	2.374
... .. 3rd	1.412
... .. Top	1.0
Clutch	6½ ins. diameter

Approved optional equipment

FOR ALEXANDER-TURNER

As demand continues there will be additions and alterations to the list of available extra equipment and prices as a result, may alter too. So regard the following list as an indication of what is available and always ask for latest developments.

Revolution counter up to 8000 R.P.M.	†	...	...	...	...	...	...	...	...	£12 10s. 0d.
Tonneau cover		...	...	...	...	...	...	...	...	£ 8 0s. 0d.
Heater		...	...	...	...	...	...	...	...	£12 12s. 0d.
Wire Wheels		...	...	...	...	...	...	...	...	£30 0s. 0d.
Disc brakes front wheels		...	...	...	...	...	...	...	...	£25 0s. 0d.
Knock-on hubs with standard wheels		...	...	...	...	...	...	...	...	£19 19s. 0d.
High compression pistons		...	...	...	...	...	...	...	...	£10 10s. 0d.
Super Sports Camshaft...		...	...	...	...	...	...	...	...	£ 7 10s. 0d.
Road Racing Camshaft		...	...	...	...	...	...	...	...	£ 9 10s. 0d.
Lockheed Servo Brake System		...	...	...	...	...	...	...	...	£20 0s. 0d.
Hardtop (detachable)		...	...	...	...	...	...	...	...	£45 0s. 0d.
Sliding side screens		...	...	...	...	...	...	...	...	£14 14s. 0d.
Close ratio gears (racing strength)		...	...	...	...	...	...	...	...	£45 0s. 0d.
1st 2.25: 2nd 1.67: 3rd 1.23: Top 1.0		...	...	...	...	...	...	...	...	£45 0s. 0d.
ZF limited slip differential		...	...	...	...	...	...	...	...	£57 10s. 0d.
1½" carburettors complete with special manifold		...	...	...	...	...	...	...	...	£17 17s. 0d.
Alternative range of rear axle ratios, complete with speedometer to suit:										
5.3: 4.875: 4.22: 3.9: 3.75:		...	...	...	...	...	...	...	...	£20 0s. 0d.
Racing brake linings		...	...	...	...	...	...	...	...	£ 6 0s. 0d.
Balanced engine assembly with lightened flywheel		...	...	...	...	...	...	...	...	£25 0s. 0d.
Set of chrome wheel discs		...	...	...	...	...	...	...	...	£10 17s. 0d.
Screen washers		...	...	...	...	...	...	...	...	£ 2 10s. 0d.

* If requested when ordering car.

† Additional fitting charge will be made if requested after purchase of car.



Alexander Turner fitted with the performance-improving and completely weather proof glass fibre hard-top.

ALEXANDER

CONVERSIONS

ALEXANDER AUTOS & MARINE LIMITED

HADDENHAM, BUCKS. ENGLAND

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