

*A
Motoring
Necessity*

HADTFORD
T.B. ANDRE & CO. LTD.
SHOCK ABSORBERS

Make
All Roads
GOOD
ROADS



I may sound an almost impossible proposition to the experienced motorist who *knows* how really bad bad roads can be, but I can give my personal assurance, as a touring and racing motorist since the early days, that Hartford's Shock Absorbers *eliminate jolts and jars*—even on the worst roads. They make both driving and riding uniformly pleasant and safer under all conditions, increase average speed—especially on winding roads, and reduce depreciation and tyre wear and tear to a minimum. In other words, Hartfords have solved the suspension problem.

Geo. B. Andrews

SOME REASONS FOR THE
WONDERFUL POPULARITY OF

HARTFORD

T.B. ANDRE & CO. LTD.

SHOCK ABSORBERS

THEIR PRINCIPAL FEATURES AND ADVANTAGES ARE:

HARTFORDS

- (1) Control the action of the springs by friction.
- (2) Soften the initial shock and prevent excessive deflection of the springs.
- (3) Counteract the shock due to inertia of unsprung weight of the axles.
- (4) Check the reaction of the springs as the wheels drop down into a depression in the road.
- (5) Dampen out the rebound of the springs after the wheels hit a bump on the road.
- (6) Prevent spring oscillation and counteract side sway.
- (7) Increase the mileage and decrease petrol consumption.
- (8) Reduce running and repair expenses and danger from spring breaking.
- (9) Improve the "roadability" of the car and add to the comfort of driving.
- (10) Protect the car and passenger under every changing condition of the load, road and speed.
- (11) Can be fitted to any car, are easy to adjust, and no lubrication is needed.
- (12) Are light in weight, simple in construction, cannot get out of order and are fully guaranteed.

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HARTFORDS can be easily fitted to any Car by your local garage.

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HARTFORDS ARE FULLY GUARANTEED

2

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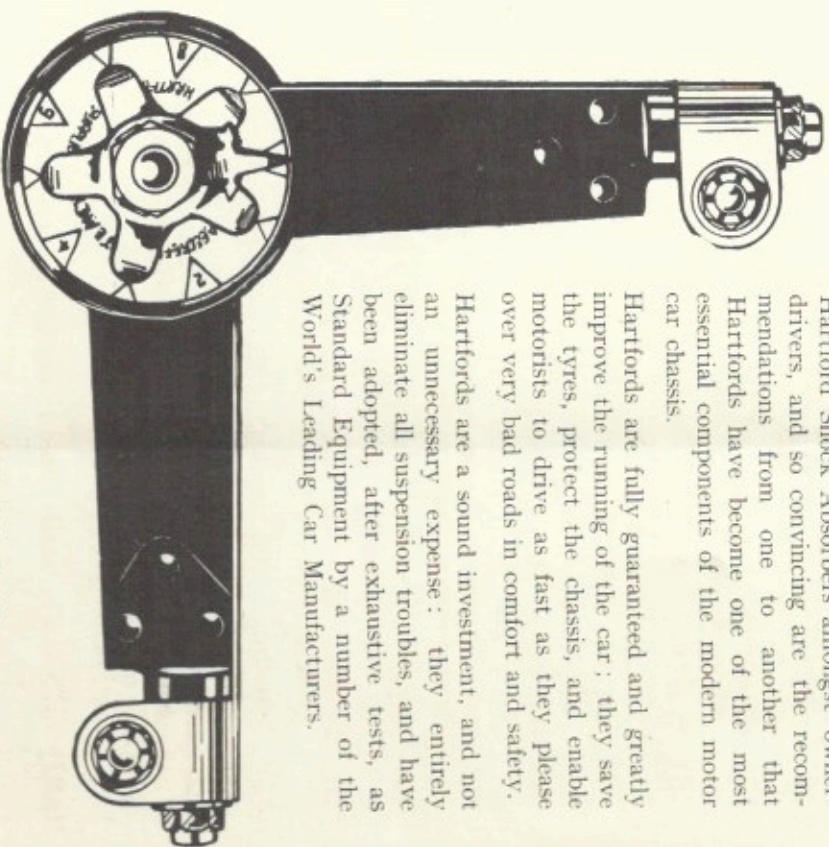
—Not An Accessory

JUST as the pneumatic tyre became instantly and *obviously* an absolute necessity to motoring, so has the Hartford Shock Absorber become essential to good driving and to the comfort of passengers. The riding qualities of a car fitted with Hartfords become *instantly* improved. Road shocks are "countered" in a really remarkable manner, and a smooth, gliding motion is imparted which makes motoring infinitely more pleasant, and decidedly safer.

Such is the profound impression created by Hartford Shock Absorbers amongst owner-drivers, and so convincing are the recommendations from one to another that Hartfords have become one of the most essential components of the modern motor car chassis.

Hartfords are fully guaranteed and greatly improve the running of the car: they save the tyres, protect the chassis, and enable motorists to drive as fast as they please over very bad roads in comfort and safety.

Hartfords are a sound investment, and not an unnecessary expense: they entirely eliminate all suspension troubles, and have been adopted, after exhaustive tests, as Standard Equipment by a number of the World's Leading Car Manufacturers.



Illustrating Type 103, 101 & 99.

HARTFORDS ARE MADE IN ENGLAND

3

