



# Daimler



## E 3.5 litre Straight 8 Chassis with Coach built bodies.

1935 - 1939

The Daimler E 3.5 litre range were based on Daimler rolling chassis on which various coach builders fitted a variety of body styles and types, It was marketed as an Owner Driver saloon rather than as a chauffeur driven vehicle to appeal to the growing affluent middle class.

### SPECIFICATION.

**Layout:** The basic layout is front engine with rear wheel drive. The bodies were coach built, the styles offered included saloons, sports saloons, fixed head coupe, and drop head coupe. Many of the bodies were individual designs and there are some interesting styles on the basic chassis. The chassis is of a latticework box section with a cruciform having a special centre bracing, which gives exceptional torsional stiffness. It also features a lubrication system and a built in jacking system.

**Engine:** A straight 8 cylinder engine of 3,421 cc, 72 mm stroke x 105 mm bore. capacity of 25.72 HP (100 BHP at 4,200 rpm), of a cast iron monoblock construction, with push rod operated overhead valves operated by a chain driven high clearance cam. Automatic carburettor, and mechanical petrol pump. The engine is basically the 6 cylinder engine stretched to 8 cylinders. The compression ratio is 6 : 1 and the firing order 1 6 2 5 8 3 7 4.

**Transmission:** Four speed pre-selector gearbox, Daimler fluid flywheel with direct drive top gear. Under slung worm drive rear axle ratio of 4.38 : 1 giving 3,070 rpm at 60 m.p.h.

**Suspension, Steering, & Brakes:** Beam axles with semi-elliptic springs with a pair of radius rods at the front and adjustable shock absorbers. The steering drives fore and aft drag link and transverse track rod. Girling mechanical brakes with Vacuum servo are fitted.

### PERFORMANCE.

Performance to some extent is dictated by the weight and drag of the body.

Maximum speed	85 MPH
0 to 50 mph	12.4 seconds
0 to 60 mph	18.8 seconds
Fuel Consumption	15 M.P.G. A 22 gallon tank

### DIMENSIONS:

Wheelbase	123 ins
Track	57 ins.
Overall Length	191 ins
Turning Circle	41 Feet
Weight	Chassis 2,800 lbs Car 3,808 lbs

### PRICE:

As these were coach built vehicles the price varied depending on the coach builder and the customers specification. An example of the prices is for the standard car of  
£ 995

### PRODUCTION:

Not Available



The  
Daimler  
&  
Lancaster  
Owners' Club

