

# Swallow

Coachbuilding Company (1935) Limited

14 MAY 1954

## THE AIRPORT · WALSALL · STAFFS

DIRECTORS: ERIC SANDERS. J. RANSOM.  
CAPT. P. G. CAREW. G. TAYLOR POWELL.  
J. H. BODEN. A. THOMAS.

TELEPHONE NO: WALSALL 4553  
TELEGRAMS: 'SWALLOW' WALSALL

### FORM OF RECOGNITION

MANUFACTURER: SWALLOW COACHBUILDING CO. (1935) LTD., WALSALL, STAFFS.

MODEL TITLE: DORETTI Mark I

NUMBERS AND LETTERS OF PREFIXES: (Engine Ref: T.S.---E.  
(Chassis No: 1001 and onwards

DESCRIPTION OF BODY: Two-Seater open Sports, steel and aluminium body with all-weather equipment. Detachable one piece windscreen.

DESCRIPTION OF ENGINE: 4 Cylinders in line; 4 Stroke Petrol Engine with side Camshaft driven by chain and Overhead Valves. Valve operation by tappets, pushrods and rockers. Cylinder Block and Cylinder Head Material - C.I.

DESCRIPTION OF CLUTCH AND GEARS AND POSITION:

Clutch, Borg and Beck; 9-in. dia. single dry plate, hydraulically operated and positioned at engine flywheel. Gearbox, 4 forward ratios and reverse; Gears, positive synchromesh on 2nd, 3rd and 4th ratios; silent helical gears; gear-change lever placed centrally in car.

MATERIAL OF CASINGS: ALUMINIUM

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London:  
5, CLARGES STREET,  
PICCADILLY,  
LONDON, W.1. Tel. GROsvenor 4653.  
Telegraphic Address. AHEAD, AUDLEY, LONDON.



SUSPENSIONS: (Front: Coil spring independent suspension with telescopic dampers.  
(Rear: Wide semi-elliptic springs and piston-type dampers.

TOTAL WEIGHT, WITH FUEL (Tolerance of 4% permitted): 19 cwts. 1 qr. 0 lbs.

WHEEL BASE: 95-ins. TRACK, Front: 48-ins. TRACK, Rear: 45 $\frac{1}{2}$ -ins.

WHEELS: Balanced Steel Disc with ventilating holes, or Centre Lock Wire Wheels.

TYRES: Standard: 5.50 x 15 INNER TUBES: To suit tyres RIMS: Steel well-base.

ENGINE (desaxe or not): No BORE: 83 mm. MAXIMUM REBORR TOLERANCE: None (wet liners replaced)

STROKE: 92 mm. CYLINDER CAPACITY: 1991 c.c.

CARBURETTOR TYPE: H.4 No. OFF: 2 MAKE: S. U. THROAT DIAMETER: 1 $\frac{1}{2}$ -ins.

IGNITION SYSTEM: Battery and coil, centrifugal and vacuum controlled automatic advance.

TYPE: 12 Volt MAKE: LUCAS

NUMBER OF RATIOS IN GEAR BOX: 4 Forward and Reverse

RATIO IN 1st GEAR: 3.382 NO. OF GEARS IN GEAR: 4 NO. OF TEETH: 23/35 - 18/40

" " 2nd " 2.008 " " " " 4 " " " 23/35 - 25/33

" " 3rd " 1.325 " " " " 4 " " " 23/35 - 31/27

" " 4th " 1.000 " " " " None " " - - -  
(direct drive)

OVERDRIVE (optional extra) 22 per cent step up giving overall top gear ratio of 3.03.

The following optional components are offered in normal production:

- Aeroscreens
- Overdrive
- Heater
- High Speed Kit
- Centre Lock Wire Wheels
- Tonneau Cover
- Radio