



# The Consul is a work of Art!

It is a masterstroke of Ford engineering skill. In design and construction it reveals the result of long and penetrating research and the workmanship of Ford craftsmen. You must meet the Consul and see for yourself what an imposing appearance it has, what fine qualities it exhibits and how outstanding is its personality.





CONSUL'S mechanical excellence is due

to brilliant Ford engineering

4 cylinder, overhead valve engine having a greater bore diameter  $(3\frac{1}{8})$  than the length of the piston stroke (3").

It is a recognised engineering principle that the 'over-square' design offers marked mechanical advantages over other 'in-line' types.

These advantages include reduced piston travel, slower piston speed, the use of a short, rigid crankshaft and connecting rods with large diameter bearings, valves and ports, and more space available for water flow around exhaust valves.

## Just a few of the many fine Ford engineering features!

- I. Aluminium alloy pistons of autothermic design which controls piston expansion and maintains close fitting throughout the entire engine operating temperature range.
- 4. Pressure cooling of cylinder bores and cylinder head with large capacity water pump. Engine can operate at more efficient temperatures without overheating. Two permanently lubricated bearings assure long life of pump.
- 6. Diaphragm type, combined vacuum and fuel pump. Vacuum pump supplements normal manifold vacuum to operate windshield wipers, keeps them operating efficiently under all conditions.
- 3. The distributor incorporates a governor and vacuum control which automatically advances or retards ignition timing according to engine speed or load.

2. Downdraft car-

burettor with auto-

device.

- 5. Thermostat in cylinder head water outlet for short 'warming-up' period of engine.
- 7. Full-flow oil filter with replaceable element filter has automatic relief valve.

economy

9. Combustion chamscientifically designed for even burning of air-fuel mixture, producing top efficiency in power and economy.

8. Gear-type oil pump

-at all times.

10. Breather with filter screen for crankcase ventilation.





## Three's Company — Consul, your local Ford Dealer — and you.

Your Authorised Ford Dealer is a very proud man to be associated with the Consul. He's as eager as a beaver to give you all the news he can about Consul's finer points—and there are plenty of them.

If you're wise you'll get your order in right away. You'll always be glad you bought a Consul. It truly is a masterpiece.

# Consul Specifications

## ENGINE:

Overhead valves. No. of Cylinders 4. Bore 31" Stroke 3".

Compression

Taxable H.P. 15.63 R.A.C. Rating Max. B.H.P. 47 (a) 4400 r.p.m.

Cylinder Block. High grade iron and cast integrally with upper half of crankcase. Cylinder head Cast iron, detachable. Wedge

shaped combustion space giving volume-controlled combustion.

Pistons. Aluminium alloy, 'autothermic' design.

Piston Rings... 2 compression, 1 oil control. Crankshaft Rigid, alloy casting, fully counter-

balanced, 3 main bearings. Camshaft Cast Alloy. Chain drive.

Valves . Overhead, rocker operated by push rods from camshaft.

Lubrication

System Gear type oil pump. Pressure feed to main, camshaft and connecting rod bearings via drillings in cylinder block and crankshaft. Controlled feed to rocker gear and timing gears. Full flow oil filter fitted direct to cylinder block.

12 volt battery and coil. Distributor has automatic governor and vacuum control.

Fuel System \_\_\_\_ Diaphragm type combined fuel and vacuum pump. Down-draught carburettor fitted with oil bath air cleaner.

Engine Cooling... Tube and fin type radiator 4-blade fan. Impeller water pump. Thermostatic heat control.

## CLUTCH:

Type\_ Dry, single plate, spring cushioned, Operation Pendant type clutch pedal, clutch release hydraulically operated.

## GEARBOX:

Type 3 speeds forward, 1 reverse. Gearbox Ratios First, 2.84 to 1. Second, 1.642 to 1. Third, Direct drive 1 to 1. Reverse, 3.86 to 1.

Type of Gears.... All helical, constant mesh, top and

How Engaged Gear change lever on steering column. First and reverse-sliding gear. Second and third-Blocker type synchroniser.

Pressed steel wheels with wide base rims.

TYRES:

5-5.90 × 13.

## CHASSIS:

Suspension ..... Independent front wheel suspension employs low periodic coil springs mounted on special hydraulic, double-acting telescopic shock absorbers integral with the wheel spindle assembly. The upper end of this unit rotates in an antifriction bearing suspended in rubber and mounted on the body high inside wing valance. The base of the wheel assembly is connected via a ball jointed transverse track control arm to a tubular cross-member bolted to the underside of the unitary body. An anti-roll torsion bar is fitted which, being triangulated, holds the track control arms in the fore and aft direction. The wide spacing and high location of the springs and shock absorbers combined with accurately controlled geometry gives excellent riding and steering.

Suspension Longitudinal, semi-elliptic leaf springs, hydraulic, double-acting shock absorbers. Hotchkiss drive.

Rear Axle Type-3 floating. Final drive gears (crown wheel and pinion)—Hypoid rear axle ratio-4.625 to 1.

### BRAKES:

Footbrake \_\_\_\_\_ 4 wheel hydraulic, internal expand-

Handbrake . Mechanical application of rear brakes by lever with pistol-type grip, under instrument panel.

## STEERING SYSTEM:

High efficiency worm and peg type. Ratio 13.6 to 1. Three spoke, spring-type steering wheel.

## BODY:

All steel, welded integral construction. Seating within wheelbase. Safety glass all around. Curved type fixed windscreen, curved type rear window. Ventilating front quarter windows, built-in, controlled fresh air ventilating system. Push button door handles with rotary latches. Built-in luggage compartment with 15 cubic feet of space for baggage in addition to housing spare tyre.

## GENERAL DIMENSIONS:

Over-all length 13 ft. 8.73 ins. Over-all width 5 ft. 3.98 ins. Over-all height 5 ft. 0.75 ins. Wheelbase 8 ft. 4 ins. Track-front 4 ft. 2 ins.

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ing every corner of Australia. They have mechanics who have been thoroughly schooled and trained at the Ford factory. Genuine Ford parts, are everywhere available. So wherever you go, you are assured of first rate service.



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