

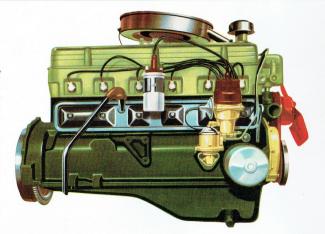
Engineering superiority that puts you ahead and keeps you ahead. This Zephyr is in easy over 90 m.p.h. performance class — with an eager power flow that allows acceleration from 0 to 60 in 15.6 seconds. Economy, too, is surprising—touring consumption is 26 m.p.g. Developing 98 b.h.p., the new 6 cylinder engine is the latest advance in Zephyr's famous "oversquare" principle of design. This "oversquare" principle provides greater smoothness and longer life. Incorporated with it are new features which step-up power efficiency. Important among them are a re-designed exhaust system and improved engine breathing through bigger valves and porting of intake manifold.

Lubrication servicing reduced to every 5000 miles Chassis greasing, through the use of a special Ford lubricant, is required only at 5000 miles intervals.



Disc brakes

Front wheels, where 65% of braking effort occurs, have disc brakes as standard equipment. This, plus internal expanding 9° drum brakes on the rear wheels, with the overall system servo-assisted, provides progressive, consistent braking free of fade or judder. And pedal pressure is noticeably light.



Rugged 4- speed gearbox. Fully synchromesh on all forward gears it makes gear changing smoothly effortless — you move in and out of bottom gear as easily as top. Hydraulically operated, centrifugally assisted clutch adds even



3-speed automatic drive. As an optional extra, fully automatic transmission is available. With fluid coupling on its three forward gear ranges, all changes are scarcely detectable.



Specifications

Engine—The engine is of the (In line) 6 cylinder OHV oversquare type with a bore of 3·25° and a stroke of 3·13°. A cubic capacity of 155·8 cubic inches (2553 c.c.). The overhead mechanism is push rod operated and the Valve guides are an integral part of the cylinder head. The compression ratio of 8·3·1 provides 98 BHP at 4750 RPM and a torque of 135 lbs/ft, at 2000 r.p.m. The crankshaft which is dynamically balanced is supported by 4 main bearings. Increased valve head diameter and valve spring loadings combine with improved intake and exhaust manifold design, to increase the power output.

Pistons are autothermic-type with three rings above the piston pin. The engine and gearbox is mounted on rubber at 3 points,

Engine Lubrication—Pressure feed by submerged gear pump to crankshaft main bearings, big end bearings and camshaft bearings. Cylinder walls lubricated by oil squirt from connecting rod big end, timing chain by direct spray. Full flow filter. Accessible dip stick. Capacity of system 8 pints,

Ignition—12-volt system. Distributor has centrifugal and vacuum advance and retard control.

Fuel System—Diaphragm type fuel pump, camshaft operated. Down-draught Single-Venturi carburettor. Fitted with separate manual choke control combined paper element air cleaner and silencer. Electrical fuel gauge. Fuel tank forms part of luggage compartment floor. Capacity 121 gallons.

Cooling System—13 lb/sq. in. pressurised. Belt driven two blade fan and water pump. Thermostatic heat control of coolant. Low height down flow radiator. Capacity: 19-3 pints.

Transmission—Single dry plate clutch, spring cushioned. Hydraulic operation from pedal to large duty ball bearing thrust release. Spring assistance

of pedal. Steering column gear change. New four speed gearbox with synchromesh on all forward gears. Overall ratios:—1st 11·23, 2nd 7·86, 3rd 5·01, 4th 3·55, Reverse 11·88.

Rear Axle—Three-quarter floating, hypoid final drive heavy duty roller and ball bearings. Open type drive shaft. Axle ratio: 3.45:1,

Front Suspension—Proven McPherson type independent front suspension with low periodicity coil springs mounted on special hydraulic double-acting telescopic shock absorbers integral with the wheel spindle assembly. An anti-roll torsion bar is fitted which, being triangulated, holds the track control arms in the fore and aft direction.

Rear Suspension—Longitudinal, assymetric, semielliptic leaf springs with hydraulic double acting lever type shock absorbers. Springs have full length rubber inserts.

Brakes—Operated from foot pedal by hydraulic servo with vacuum reservoir. Front disc brakes $9\frac{1}{2}$ in. diameter. Rear drum brakes with single leading shoe. Drum sizes: 9 in. by $2\frac{1}{2}$ in.

Steering—High-efficiency recirculatory ball type. Ratio 18:1. Two spoke deeply dished safety type steering wheel. Diameter 17 in. Turning Circle 36 ft.

Wheels and Tyres—13 in. pressed steel with wide based rims. Fitted with bright metal hub caps. Tyres: 6.40×13 , 4-ply—tubed optional.

Electrical Equipment—Two brush ventilated generator 22 amp. Current voltage control, V belt drive. Horn: Twin tone, full horn ring. Battery: 12 Volt—6 cell, 57 amp. hour.

Instruments—Conveniently grouped cluster in front of driver includes: speedometer calibrated to 120 m.p.h., odometer, fuel gauge, temperature gauge, ignition and oil pressure warning lights, direction

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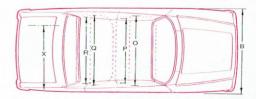
indicator tell-tale lights, main beam warning light, variable brilliance instrument lighting.

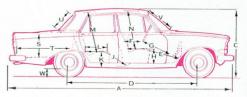
Controls—Mounted on top of facia panel controls are: choke, windscreen wiper, key operated ignition / starter switch, combined instrument/side/headlamp lighting switch. Foot operated headlamp dipper, Fresh air ventilator (heater controls when fitted).

Body-All steel welded integral construction, seating within wheelbase. Safety glass all round, Chrome capped double curvature front and rear windows, hinged no-draught ventilators embodied in front door. Fixed quarter windows in rear doors. Push button door handles operating zero torque locks on all four doors. Combined door handles and arm rests have built-in release mechanisms. Soft padded sun visors. Dual tone Vinyl upholstery. Patterned Vinyl headlining. Moulded carpet matching interior scheme. Lockable glove compartment. Full-width front parcel tray with padded edge. Rear package tray, Bench seat, tubular frame, squab with sprung rollover top. Rear seats; one piece cushion, one piece squab. Full-width wrap round bumpers. Separate luggage compartment-Capacity 21.75 cu. ft. Release button has built-in barrel lock. Spare wheel housed in recess in luggage compartment on nearside.

General Equipment—Dual Electric windscreen wipers operated by variable speed motor. Sealed beam headlamps with chrome plated surrounds. Combined flasher and front side lamps. Twin tail and stop lamps incorporating rear flasher. Twin reflectors. Rear number plate illumination lamp. Flasher type direction indicators with self-cancelling arm on steering column. Two ashtrays. Interior rear-view mirror. Front door operated courtesy lights. Provision for fitting heater and radio.

Options at Extra Cost—Automatic transmission— Heater and demister—Radio.





Dimensions

| A | Overall length | | | | 180-35 |
|---|-------------------------------|-------------|-------------|----|--------------|
| В | Maximum overall width | | | | 68.96 |
| C | Overall height (laden) | | | | 55.5" |
| | Overall height (unladen) | | | | 57 - 5" |
| D | Wheelbase | | | | 107 - 0" |
| E | Leg room (free) (or, with se | 43.7" | | | |
| F | Steering wheel to seat back | | | | 12.31 |
| G | Steering to brake pedal | | | | 26-10 |
| Н | Cushion height to carpet | | | | 11.02 |
| 1 | Leg room (free) (or, with se | essed) | 38 - 40 | | |
| < | Cushion height to carpet | | | | 13 - 07 |
| L | Cushion depth | | | | 18.0" |
| М | Head room (uncompressed | cushic | on) | | 34-15 |
| | Effective head room (compre | essed | cushio | n) | 37 - 75 |
| N | Head room (uncompressed | 33 - 50 | | | |
| | Effective head room (compre | essed | cushio | n) | 37 - 57 |
| C | Hip room (to trim panels) | | | | 58.0" |
| • | Shoulder room | | | | 54.5" |
| 2 | Hip room (to trim panels) | | | | 58.0" |
| 3 | Shoulder room | | | | 56.5" |
| | Height-inside | | | | 19.5" |
| Г | Length | | | | 44.0" |
| K | Width at floor, to spare who | | | | 53 · 0" |
| j | Back window height | | | | 17 - 88 |
| , | Windshield height | | | | 22.6" |
| N | Rear axle ground clearance | | | | 6.8" |
| | nous axio 6. outile cicarance | | | | 0 |

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Engineering superiority that puts you ahead and keeps you ahead. This Zephyr is in easy over 90 m.p.h. performance class — with an eager power flow that allows acceleration from 0 to 60 in 15.6 seconds. Economy, too, is surprising—touring consumption is 26 m.p.g. Developing 98 b.h.p., the new 6 cylinder engine is the latest advance in Zephyr's famous "oversquare" principle of design. This "oversquare" principle provides greater smoothness and longer life. Incorporated with it are new features which step-up power efficiency. Important among them are a re-designed exhaust system and improved engine breathing through bigger valves and porting of intake manifold.

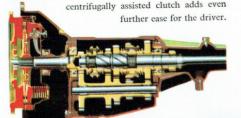
Lubrication servicing reduced to every 5000 miles Chassis greasing, through the use of a special Ford lubricant, is required only at 5000 miles intervals.



Disc brakes

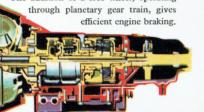
Front wheels, where 65% of braking effort occurs, have disc brakes as standard equipment. This, plus internal expanding 9" drum brakes on the rear wheels, with the overall system servo-assisted, provides progressive, consistent braking free of fade or is noticeably light.

Rugged 4- speed gearbox. Fully synchromesh on all forward gears it makes gear changing smoothly effortless - you move in and out of bottom gear as easily as top. Hydraulically operated, centrifugally assisted clutch adds even further ease for the driver.



The addition of a free wheel, operating

3-speed automatic drive. As an optional extra, fully automatic transmission is available. With fluid coupling on its three forward gear ranges, all changes are scarcely detectable.



Specifications

stroke of 3 ·13". A cubic capacity of 155 ·8 cubic gears. Overall ratios:—1st 11 ·23, 2nd 7 ·86, 3rd inches (2553 c.c.). The overhead mechanism is 5.01, 4th 3.55, Reverse 11.88. push rod operated and the Valve guides are an Rear Axle—Three-quarter floating, hypoid final starter switch, combined instrument/side/headlamp ratio of 8 · 3: 1 provides 98 BHP at 4750 RPM and a torque of 135 lbs/ft. at 2000 r.p.m. The crankshaft which is dynamically balanced is supported by 4 Front Suspension-Proven McPherson type Body-All steel welded integral construction

above the piston pin. The engine and gearbox is control arms in the fore and aft direction. mounted on rubber at 3 points.

gear pump to crankshaft main bearings, big end lever type shock absorbers. Springs have full bearings and camshaft bearings. Cylinder walls length rubber inserts. lubricated by oil squirt from connecting rod big end, timing chain by direct spray. Full flow

fugal and vacuum advance and retard control.

camshaft operated. Down-draught Single-Venturi steering wheel. Diameter 17 in. Turning Circle 36 ft. carburettor. Fitted with separate manual choke control combined paper element air cleaner and Wheels and Tyres-13 in. pressed steel with silencer. Electrical fuel gauge. Fuel tank forms wide based rims. Fitted with bright metal hub caps. part of luggage compartment floor. Capacity Tyres: 6.40 × 13, 4-ply - tubed optional.

heat control of coolant. Low height down flow 12 Volt-6 cell, 57 amp. hour. radiator. Capacity: 19-3 pints.

Engine—The engine is of the (In line) 6 cylinder of pedal. Steering column gear change. New four indicator tell-tale lights, main beam warning light, OHV oversquare type with a bore of 3.25" and a speed gearbox with synchromesh on all forward variable brilliance instrument lighting.

drive heavy duty roller and ball bearings. Open type lighting switch. Foot operated headlamp dipper.

main bearings. Increased valve head diameter and independent front suspension with low periodicity seating within wheelbase. Safety glass all round. valve spring loadings combine with improved coil springs mounted on special hydraulic doubleintake and exhaust manifold design, to increase acting telescopic shock absorbers integral with the windows, hinged no-draught ventilators embodied wheel spindle assembly. An anti-roll torsion bar is in front door. Fixed quarter windows in rear doors. Pistons are autothermic-type with three rings fitted which, being triangulated, holds the track Push button door handles operating zero torque

Rear Suspension-Longitudinal, assymetric, semi-Engine Lubrication-Pressure feed by submerged elliptic leaf springs with hydraulic double acting

filter. Accessible dip stick. Capacity of system 8 pints. servo with vacuum reservoir. Front disc brakes 91 in. diameter. Rear drum brakes with single Ignition—12-volt system. Distributor has centri- leading shoe. Drum sizes: 9 in. by 21 in.

> Steering-High-efficiency recirculatory ball type. Ratio 18:1. Two spoke deeply dished safety type

Electrical Equipment-Two brush ventilated Cooling System—13 lb/sq. in. pressurised. Belt generator 22 amp. Current voltage control, V belt reflectors. Rear number plate illumination lamp. driven two blade fan and water pump. Thermostatic drive. Horn: Twin tone, full horn ring. Battery: Flasher type direction indicators with self-cancelling

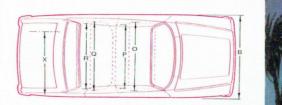
Instruments-Conveniently grouped cluster in Transmission-Single dry plate clutch, spring front of driver includes: speedometer calibrated to cushioned. Hydraulic operation from pedal to large 120 m.p.h., odometer, fuel gauge, temperature gauge, Options at Extra Cost—Automatic transmission duty ball bearing thrust release. Spring assistance ignition and oil pressure warning lights, direction Heater and demister-Radio.

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Controls-Mounted on top of facia panel controls

locks on all four doors. Combined door handles and arm rests have built-in release mechanisms, Soft padded sun visors. Dual tone Vinyl upholstery. Patterned Vinyl headlining. Moulded carpet matching interior scheme. Lockable glove compartment. Full-width front parcel tray with padded edge. Rear package tray. Bench seat, tubular frame, squab with sprung rollover top. Rear seats; one round bumpers. Separate luggage compartment-Capacity 21.75 cu. ft. Release button has built-in barrel lock. Spare wheel housed in recess in luggage

General Equipment-Dual Electric windscreen wipers operated by variable speed motor. Sealed beam headlamps with chrome plated surrounds. Combined flasher and front side lamps. Twin tail and stop lamps incorporating rear flasher. Twin arm on steering column. Two ashtrays. Interior rear-view mirror. Front door operated courtesy





| erall length | | | | | 180-35" |
|------------------------|-----------|----------|--------|-----|---------|
| ximum overall width | *** | | | | 68-96" |
| erall height (laden) | | | | | 55-5" |
| erall height (unladen) | | | | | 57-5" |
| heelbase | | | | | 107-0" |
| room (free) (or, with | | 43-7" | | | |
| ering wheel to seat ba | ck | | | | 12-31" |
| ering to brake pedal | | | | | 26-10" |
| shion height to carpet | | | | | 11-02" |
| room (free) (or, with | seat un | compre | essed) | | 38-40" |
| shion height to carpet | | | | | 13-07" |
| shion depth | | | | | 18-0" |
| ad room (uncompresse | ed cushio | n) | | | 34-15" |
| ective head room (com | | 37 - 75" | | | |
| ad room (uncompresse | | 33.50" | | | |
| ective head room (com | | 37 - 57" | | | |
| room (to trim panels | | | | | 58.0" |
| oulder room | | | | | 54.5" |
| room (to trim panels | | | | | 58-0" |
| oulder room | , | | | | 56.5" |
| ight—inside | | | | | 19.5" |
| igth | | | | | 44.0" |
| dth at floor, to spare | | | | | 53.0" |
| k window height | | | | | 17.88" |
| ndshield height | | ••• | | ••• | 22-6" |
| r axle ground clearant | | ••• | | | 6.8" |
| axie ground crearain | се | ••• | | *** | 0 0 |
| | | | | | |
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At Zephyr's zvheel drivers enjoy their motoring. So many features contribute — and not least are Zephyr's remarkable glide-ride suspension system and recirculatory ball type steering. Their effects are very noticeable in outstanding stability and instant control on all types of road surface. Everything is planned for driving ease — the instruments lie directly in the driver's line of vision . . . switches and controls are placed for greatest convenience . . . for safety's sake, padding runs across the top of the handsome facia panel in which walnut finish inserts add another touch of design distinction . . . powerful variable speed electric wipers maintain constant visibility . . . a press button on the turning indicator lever puts into operation for two seconds a full headlamp beam approach signal to oncoming traffic. The driver's all-round vision is remarkable and the posture of the adjustable seat reduces fatigue.