



1000 MB

ŠKODA





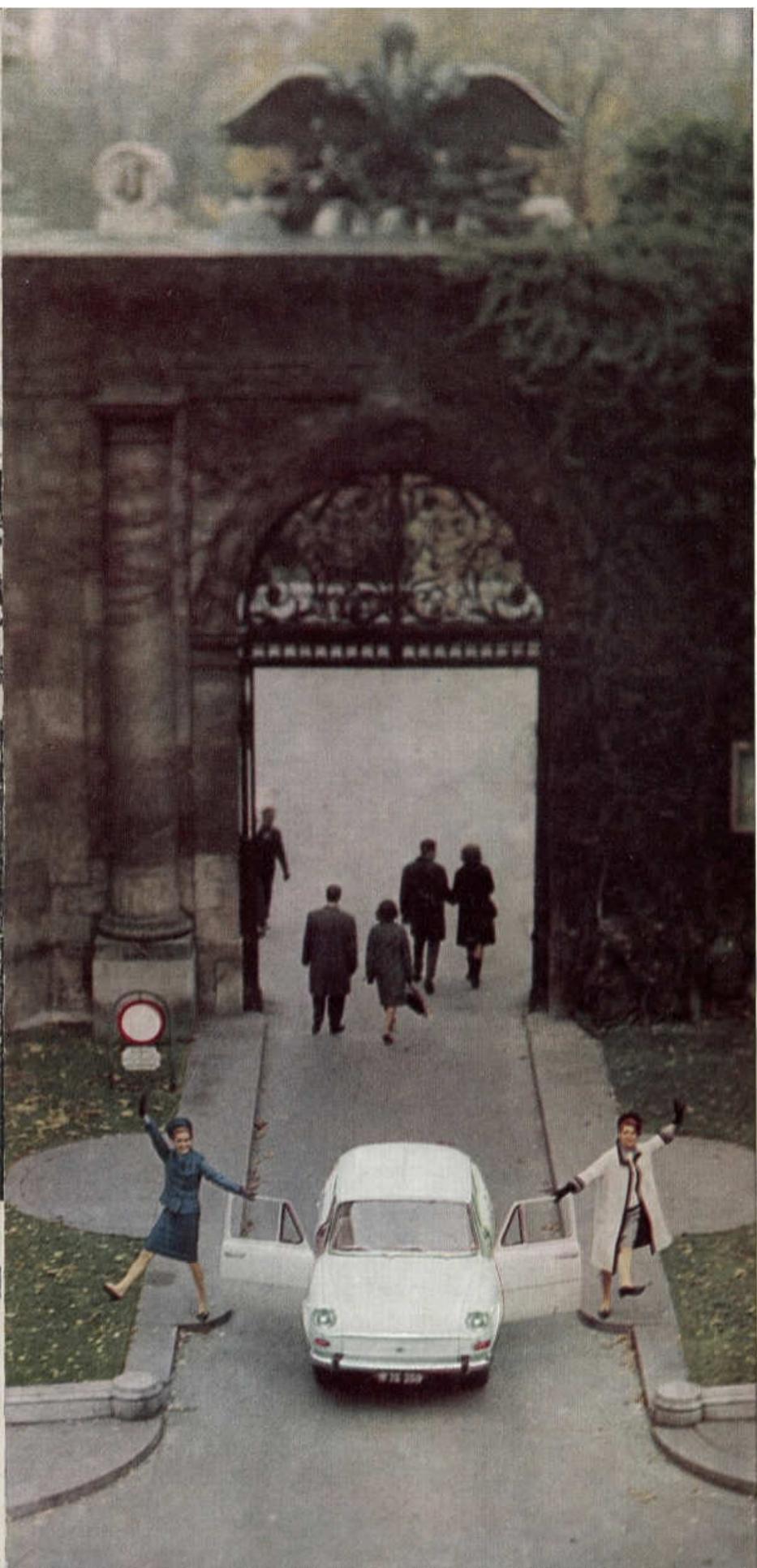
ŠKODA 1000 MB

combines the riding characteristics of a sports car with the comfort of a family car

By its very concept, the new ŠKODA 1000 MB model meets the demands of today's customers, who require not only good looks and comfort, but also light handling, dash and élan, lively response in city traffic as well as on motorways, the highest possible economy, and, of course, dependable and safe driving, high cruising averages irrespective of hilly country or unconditioned roads, a capacious luggage compartment and a complete modern equipment—all this backed by a service network properly supplied with spares, and, last but not least: value for money. The advantageous features of the new rear-engined model with a structural shell body have been proved by the results obtained from gruelling tests of a number of test cars, which have covered about 5,000,000 km or 3,000,000 miles under the most varied service, road, and weather conditions. To ensure high efficiency in the manufacture of the new ŠKODA 1000 MB model, a new, extensively automated plant with ultra-modern machinery and equipment has been built by the ŠKODA Works—which along with the introduction of the new model to the market will mark its 70th year in the successful manufacture of motor cars of proverbial quality.

A sturdy engine has always been a strong argument in favour of the ŠKODA cars. The new ŠKODA 1000 MB upholds this tradition. The new "square" (68 × 68 mm or 2.677" × 2.677") engine with well designed anti-knock compression chambers, short, big section intake manifold, and the latest JIKOV down-draught carburettor, designed specially for this model, develops a high power output, gives a lively response (torque 7.4 kpm at 2,800 RPM), and has an exciting acceleration (0 to 80 km/h or 50 miles/h within 14 to 15 seconds). Points to be noted are the dash in hilly country and the low fuel consumption, however fast the pace.





In conjunction with the four-speed gearbox and low weight of the car—due to liberal use of light alloys for the power unit—the above outstanding features afford the new model an exceptional performance, and that exciting extra power of thoroughbred sports cars.

Space

No other rear-engined car of this class can claim to afford such roomy accommodation for both passengers and luggage. In this respect, the new ŠKODA 1000 MB beats even a number of so-called medium-class cars. A most remarkable and completely new feature is the practical versatility of its roomy interior. The folding rear seats complete with backrests enable ready conversion to any of the following five alternatives:

1. Comfortable accommodation for 4—5 passengers.
2. Two front and one rear seat, with added luggage room after one rear seat complete with backrest has been folded flat.
3. Two front seats, with the entire rear compartment as luggage-carrying space—in the manner of a station-wagon.
4. Two tandem seats plus one berth.
5. Two comfortable sleeping berths.

The bucket-type, "anatomically" contoured front seats can be moved lengthwise as necessary, and the backrest angles can be individually adjusted.

Four amply dimensioned doors ensure convenient access to all seats. The two luggage compartments (one under the front bonnet and the other behind the rear seat) are free from any car parts, so that neither of them can be soiled either with acid when handling the battery, or with petrol on refuelling the tank, or with mud from the spare tyre.

Safety

The low build of the coachwork, the location of the petrol tank, spare wheel, and battery ensure low point of gravity and improve driving safety in negotiating curves.

Precision-made steering, perfect all-round vision, outstanding road holding due to the



construction of rear swing-axles, complete elimination of oversteer—all this ensures accurate and safe high-speed cornering on unconditioned roads.

The safety steering wheel and facia panel with padded edges, are features also enhancing the driving safety.

The hydraulic brakes of high efficiency, generous drum diameter (230 mm or 10"), and ample effective area (770 sq.cm or 210 sq.in.) will stop the car within a short distance, quickly, safely, and without wheel skidding.

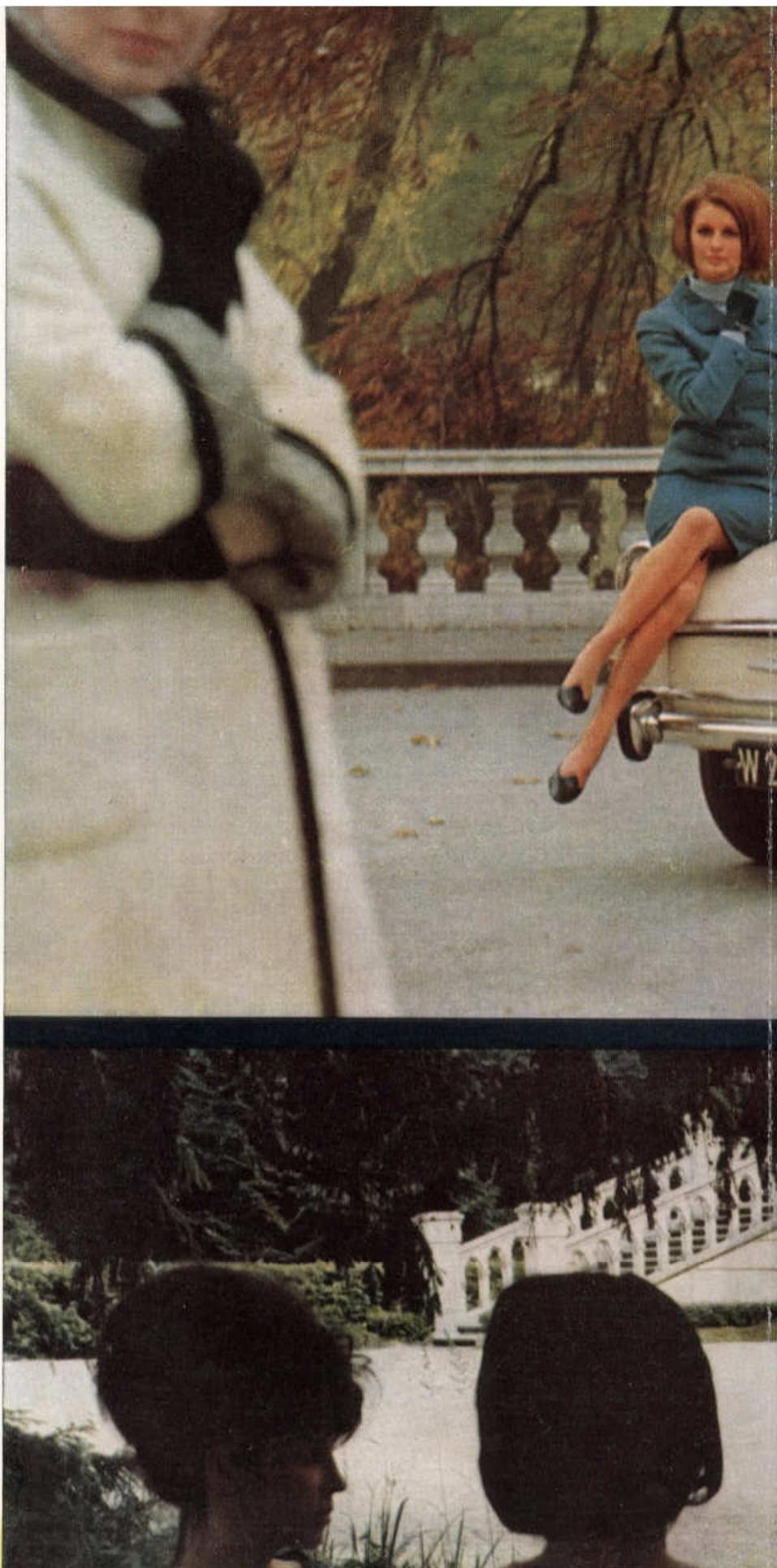
The new ŠKODA 1000 MB engine lines up with the renown-for-reliability ŠKODA engines—an essential point. It also has replaceable, hard-to-wear cylinder liners, an amply dimensioned, perfectly balanced crankshaft, free from vibrations throughout the full range of speed (RPM), and exhaust valves made of austenitic steel which remains unaffected by high-octane fuels. The new engine is a guarantee of trouble-free operation for years to come.

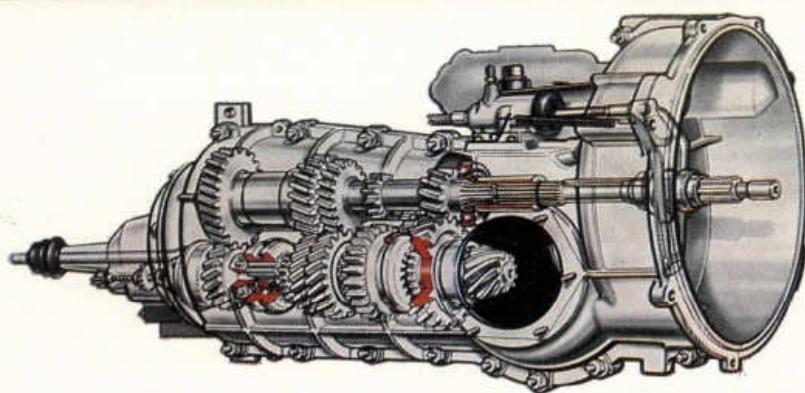
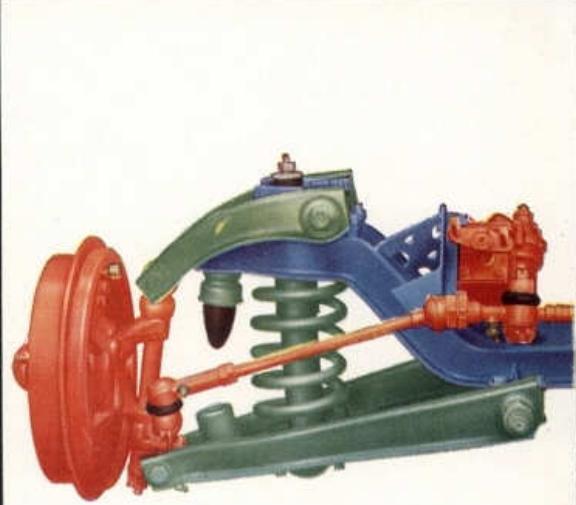
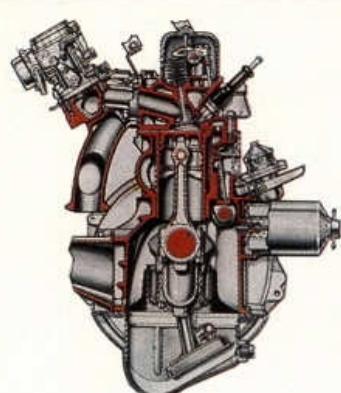
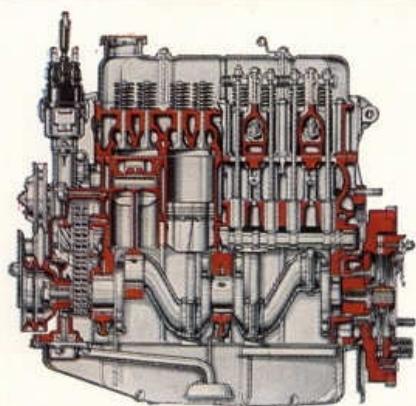
The structural part of the body forms a separate, exceptionally sturdy unit, welded of steel plates, with bolted-on easily replaceable external parts such as mudwings, doors, bonnets, etc. Under normal working conditions, this layout ensures a practically undestructible unit. The interior is sprayed with a noise-deadening compound, and the underside is provided with an anti-corrosion coating.

Running Economy

The low fuel consumption, due to the high efficiency of the new engine, and—when the car is put through its paces—also to the favourably streamlined body with a smooth underside, ranks the new ŠKODA 1000 MB among the most economic cars of its category.

Well stepped-up gears—with the top gear as overdrive—corresponding to the low curb weight of the car, enable full advantage to be taken of the extra engine power, while maintaining pleasant flexibility of operation. This has a most favourable effect on the fuel consumption, which ranges from 5.5 to 7.5 litres per 100 km or from 51 to 37 miles per Imperial gallon





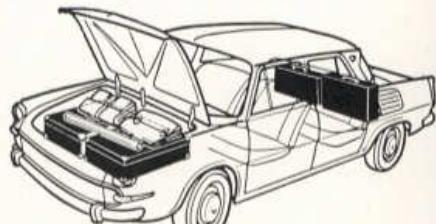
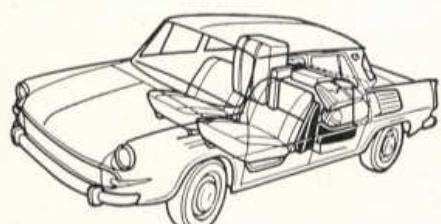
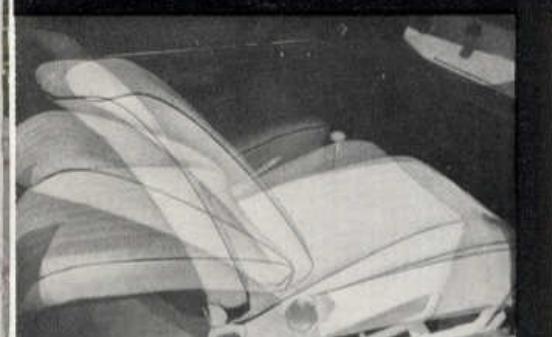
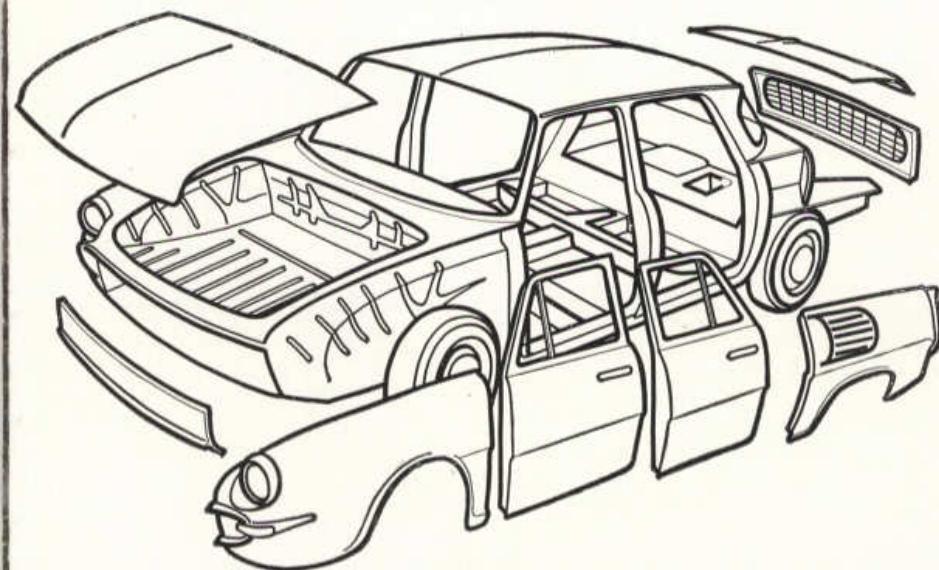
under normal running conditions. Standardized (DIN) fuel consumption is 7 litres per 100 km or 40 miles per Imperial gallon at a road speed of 80 km or 50 miles p. h.

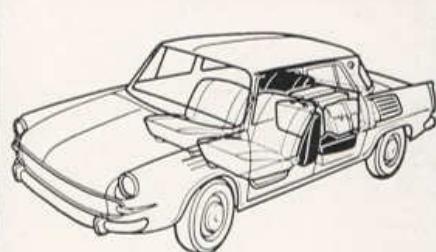
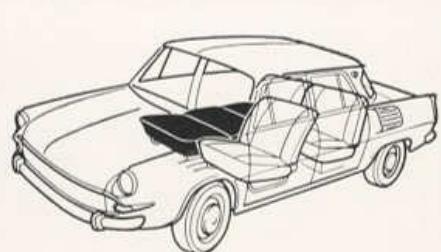
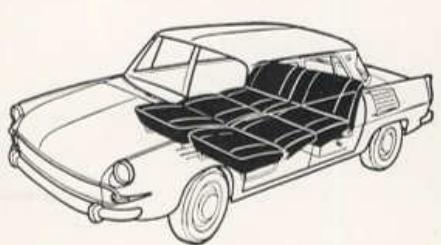
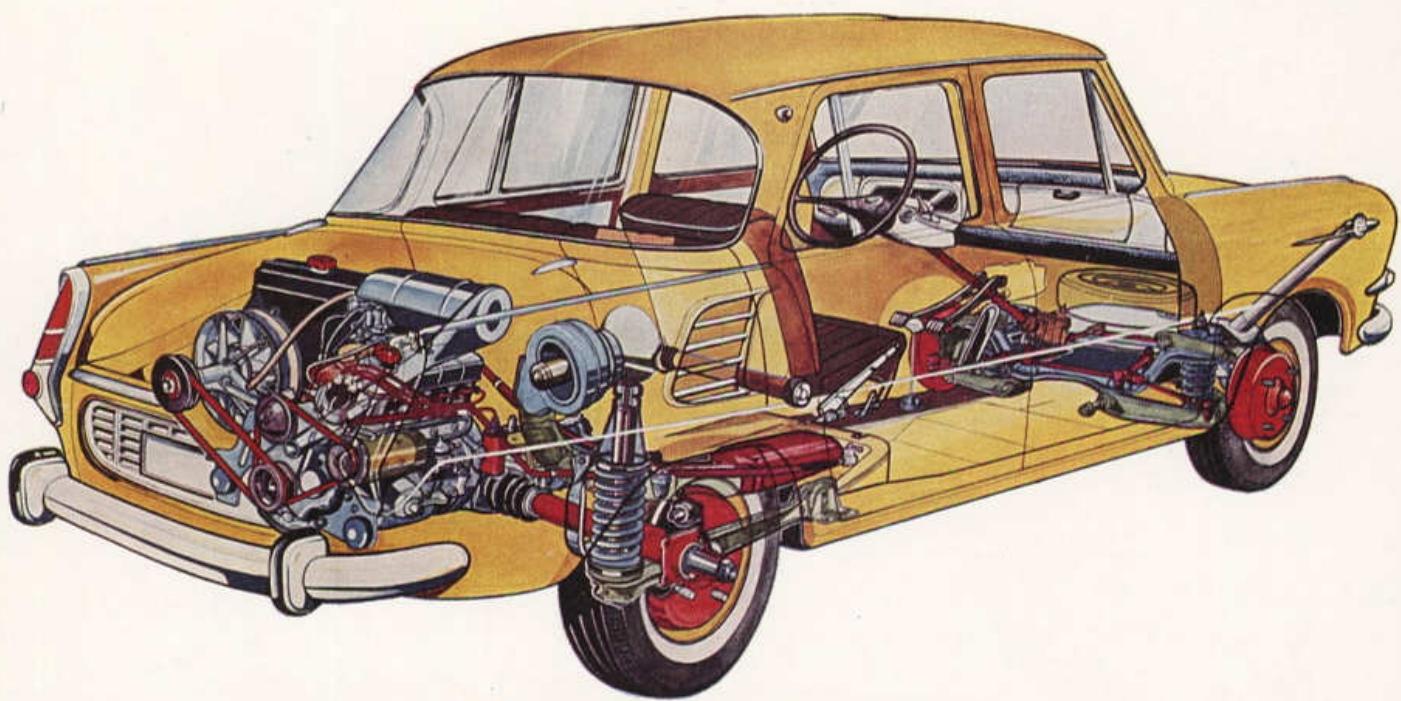
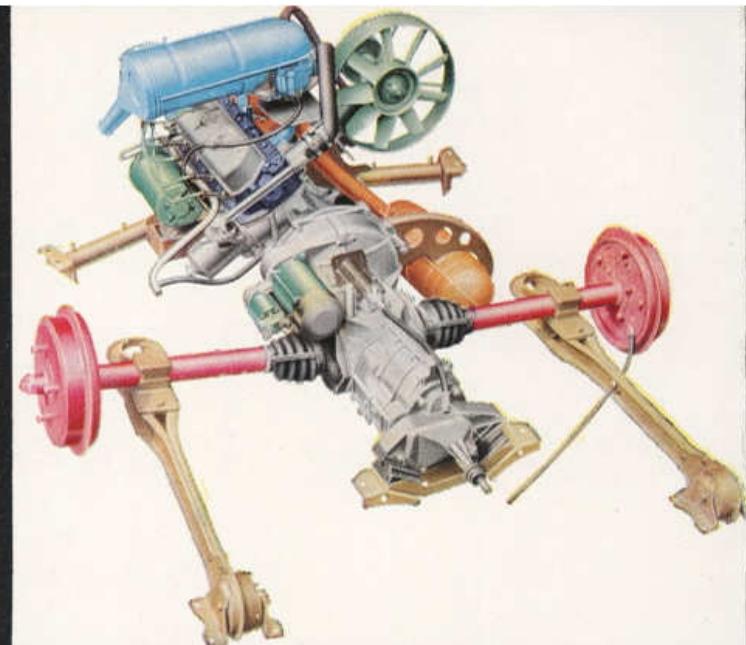
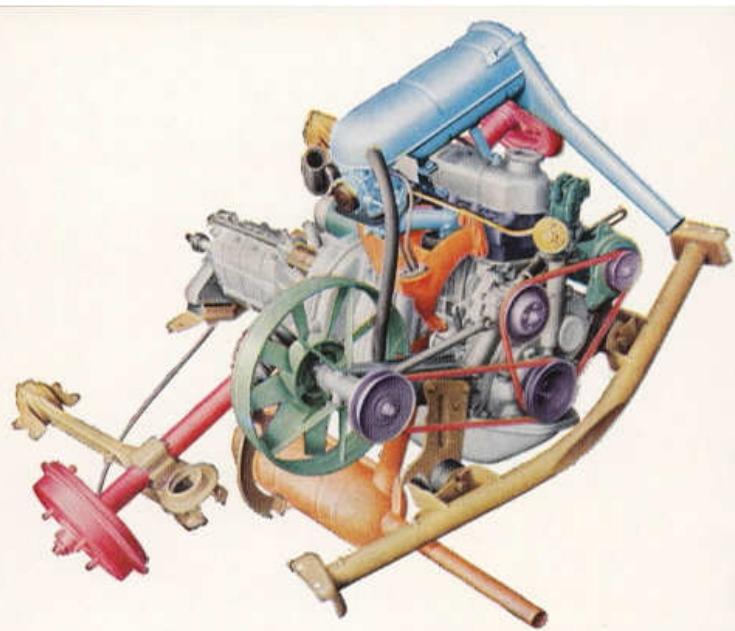
The new carburettor with automatic thermostat choke control prevents excessive fuel consumption and depreciation of the oil.

The prolonged periods between oil refills due to the improved oil filter, as well as the lubrication periods of the remaining steering bearings, provide additional economy in the consumption of lubricants.

The easy-to-replace external body panels greatly influence the economy of reconditioning, which is easy, quick, and inexpensive.

A vital factor in estimating the running economy of the ŠKODA 1000 MB is its high and versatile transport capacity—of passengers and/or luggage—at low running costs.





Technical Data

ENGINE
 Swept volume
 (cubic capacity)
 Bore x stroke
 Power output (SAE)
 Torque (SAE)
 Compression ratio
 8.3 : 1

Water cooled, four-stroke, OHV four-cylinder
 988 c.c.m or 60.268 cu.in.
 68 x 68 mm or 2.677 x 2.677"
 45 BHP/4,650 RPM
 7.4 kpm at 2,800 RPM
 Water cooling with pump; thermostatic control
 Force-feed circulation with gear pump
 Dry, single plate; hydraulic control
 With helical spur gears
 Four forward speeds with synchro-lock on all gears, one
 reverse
 1st 3.8
 IIInd 2.12
 IIIrd 1.41
 IVth 0.96
 Reverse 3.27
 With swinging half-axles; spiral bevel gears
 4.444
 By coil springs and double-acting telescopic dampers

REAR AXLE
 Constant reduction
 Suspension

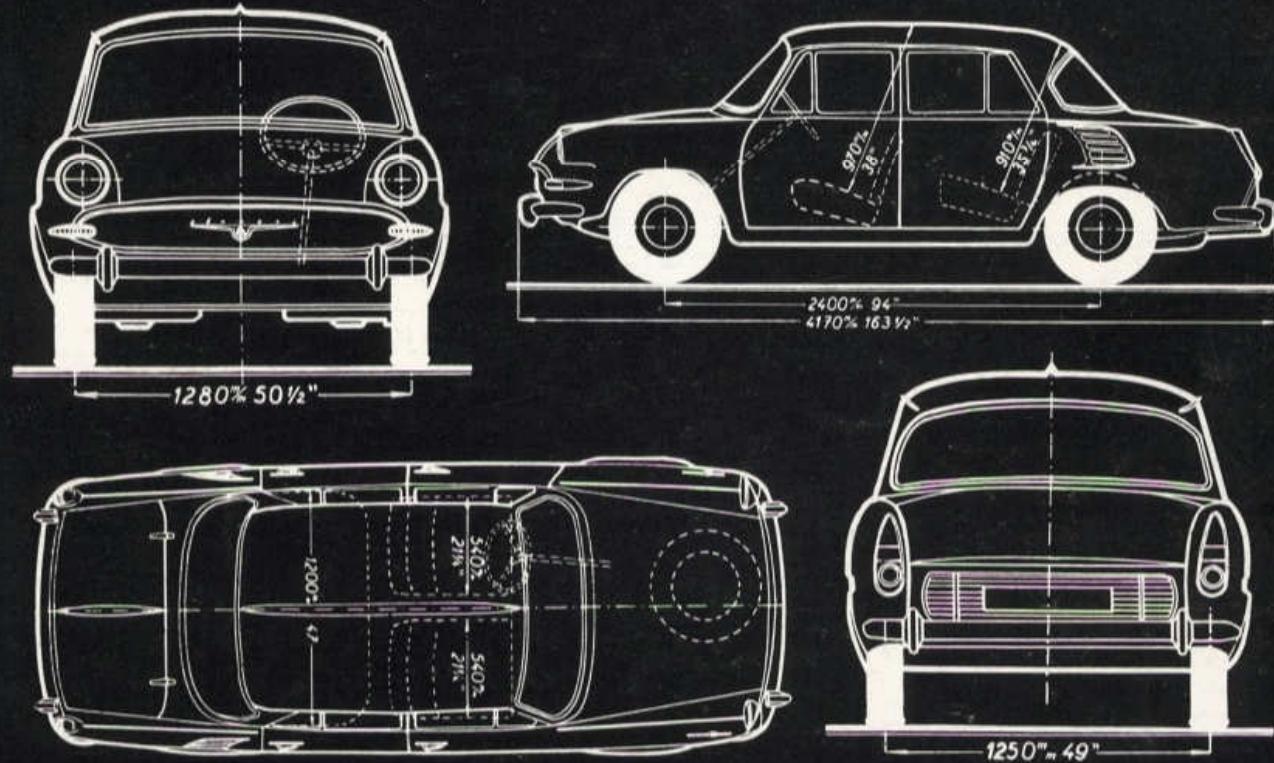
BODY
 Seats
EXTERNAL DIMENSIONS

All-metal shell, flush-sided
 Four to five
 1,280/1,250 mm or 4' 2.4"/4' 1.2"
 2,400 mm or 7' 10.5"
 175 mm or 7"
 4,170 mm or 13' 7.2"
 1,620 mm or 5' 3.8"
 1,390 mm or 4' 6.7"
 5.4 m or 17 ft.

INTERIOR DIMENSIONS

Width
 front 1,330 mm or 4' 4.4"
 rear 1,320 mm or 4' 4"
 Headroom
 front 970 mm
 rear 910 mm
 Seat depth
 front 440 mm
 rear 440 mm
 Legroom 270 mm or 10.64"
 Luggage room, capacity 340 cu.d.m or 120 cu.ft.
WEIGHTS
 Dry weight 725 kg or 1,600 lbs.

MOTOKOV



FRONT AXLE

Suspension

STEERING

BRAKES

Foot-operated

Handbrake

Effective braking area

WHEELS

Rims

Tyres

ELECTRICAL EQUIPMENT

Ignition

Starter motor

Dynamo (generator)

Battery

Wishbone-type, with independent wheel suspension
 By coil springs, telescopic dampers, and anti-roll stabilizer bar

Direct, with worm and nut, symmetric; individual track rods for each wheel, 2 1/2 steering wheel turns from lock to lock

Brake shoes in brake drums

Hydraulic four-wheel brake

Mechanical, for rear wheels

770 sq.cm

4 1/2 x 14"

155 x 14

12 V

Battery

0.8 HP, 12 V

12 V, 300 W

12 V, 35 Ah

Curb weight

755 kg or 1,665 lbs.

Payload

350 kg or 770 lbs.

PERFORMANCE SPECIFICATIONS

Peak speed

120 km/h or 75 miles/h

Acceleration

(0 to 80 km/h or 50 miles/h)

14—15 sec.

Standard fuel consumption 7 litres/100 km or 40 miles/Imp. gal.

Deceleration in

metres/sec²

Foot-operated brake

8.2 (26.903 ft/sec²)

Handbrake

2.9 (9.515 ft/sec²)

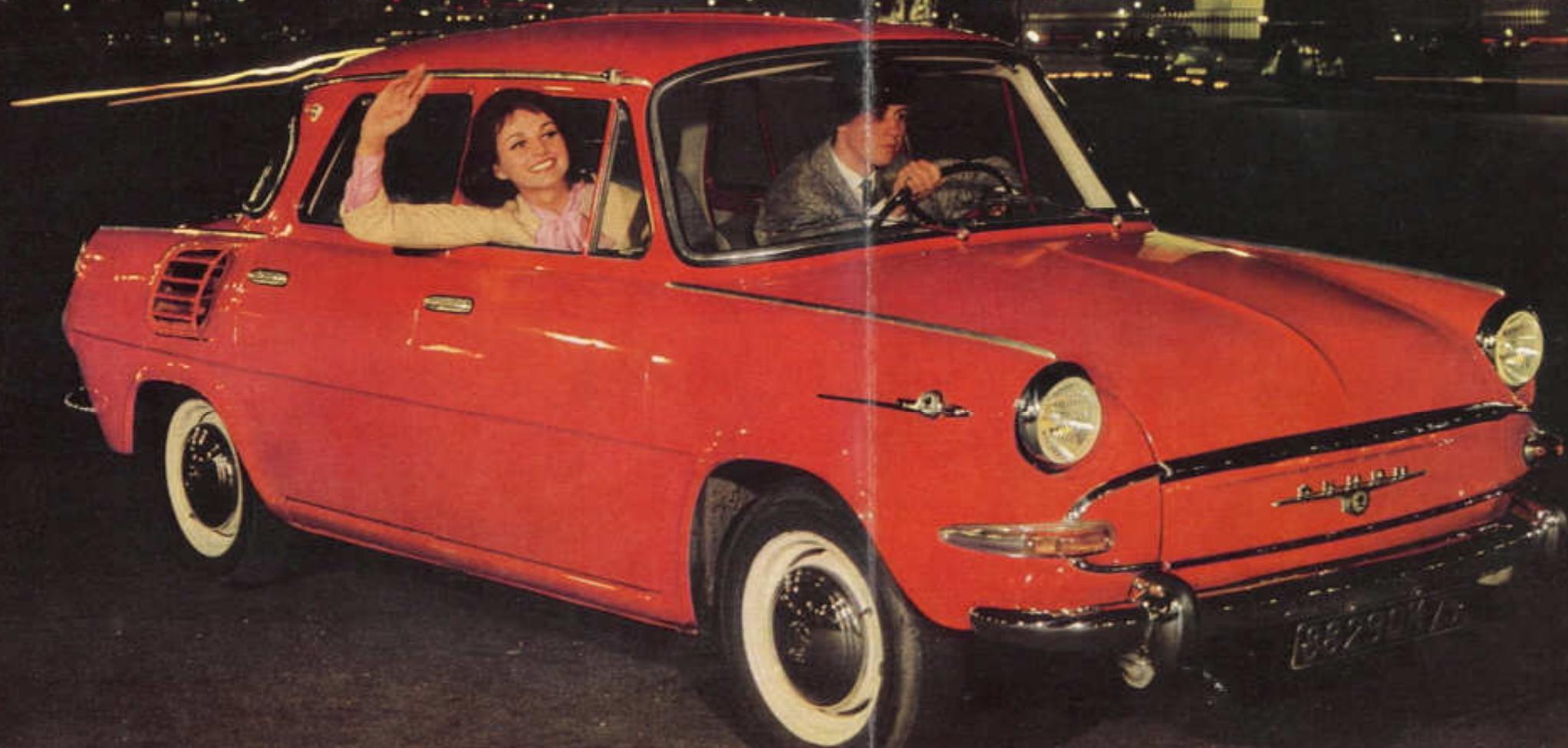
The ŠKODA Automobile Works carefully follows technical development and therefore reserves the right of any design or equipment modifications.

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