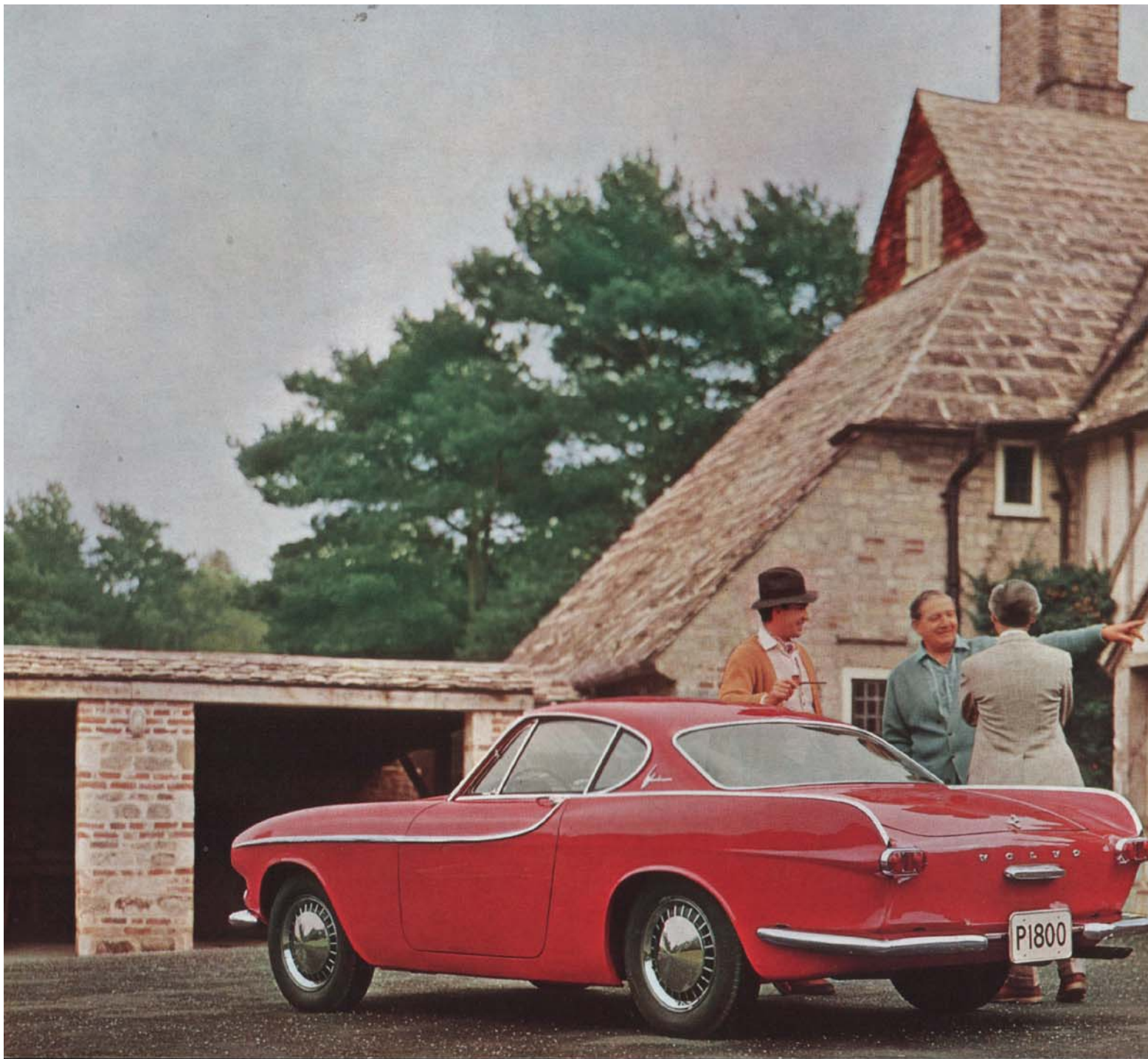








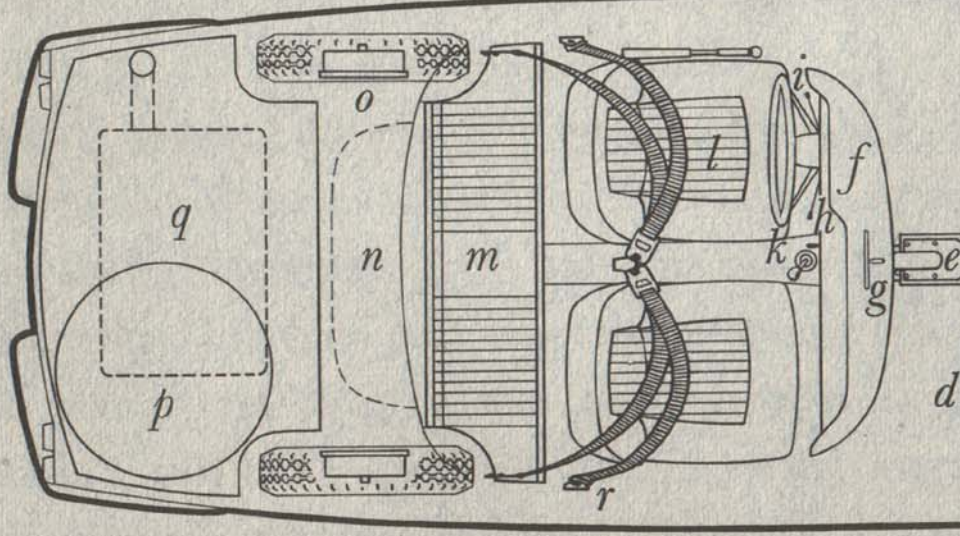


VOLVO P 18





The Volvo P 1800  is a car that attracts attention through the sheer beauty of its handsome lines and its effortless sparkling performance both in dense city traffic and on the open highway.  The power unit in this graceful and luxurious car is a thoroughbred one hundred horse-power unit driving through a fully synchronized gearbox while the suspension is well in keeping with the technical perfection of the power system.  The Volvo P 1800 is the natural choice of those who make outstanding demands on luxurious comfort, relaxed safety and complete reliability.  The faultless road-holding qualities of this car together with safety details such as disc brakes on the front wheels, safety belts and padded dashboard make long-distance driving sheer enjoyment.  To drive the Volvo P 1800 with its carefully planned interior appointments, clearly visible instrumentation and conveniently located controls is an exhilarating experience.  This car is also designed for varying climatic conditions since the body is very effectively rust-proofed and standard equipment includes a powerful heater-defroster and two separate air intakes as well as electric windscreen wipers and washers.  The Volvo P 1800 makes your everyday driving a pleasure and your leisure motoring is the unique experience of handling a car with superb performance and with effortless power at your command. 

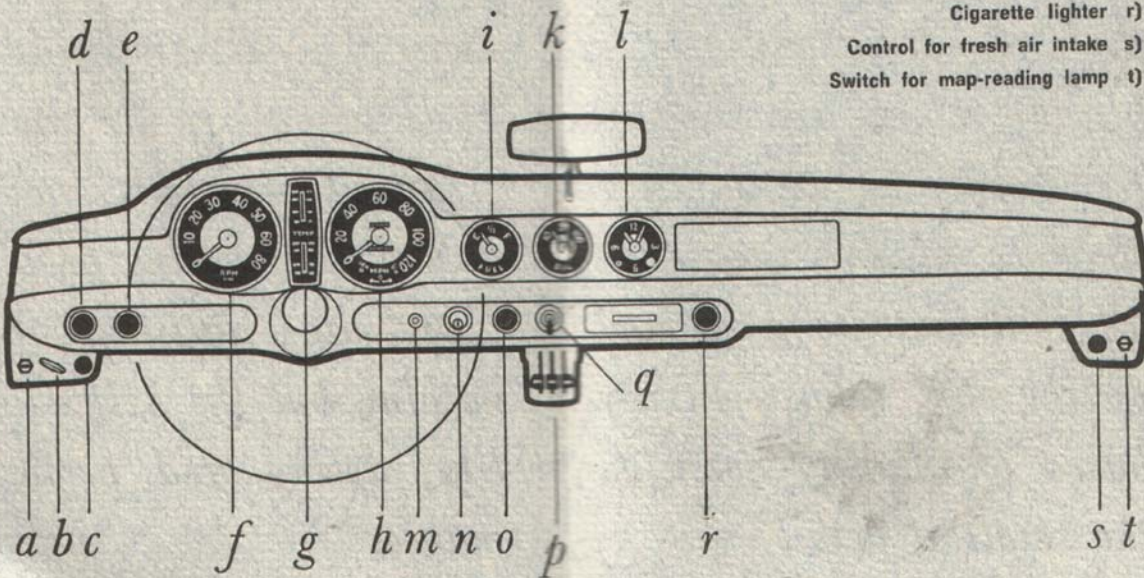






comprehensive instrumentation

- Switch for internal lighting a)
- Choke b)
- Control for fresh air intake c)
- Windscreen wipers and washers d)
- Lighting and instrument lighting e)
- Revolution counter f)
- Water and oil temperature gauges g)
- Speedometer with: h)
- mileometer
- trip meter
- Warning lamp for charging
- Warning lamp for headlight beams
- Warning lamp for direction indicator flashers
- Fuel gauge i)
- Oil pressure gauge k)
- Clock l)
- Warning lamp for overdrive m)
- Ignition switch n)
- Fan o)
- Heater-defroster controls p)
- Switch for overdrive q)
- Cigarette lighter r)
- Control for fresh air intake s)
- Switch for map-reading lamp t)

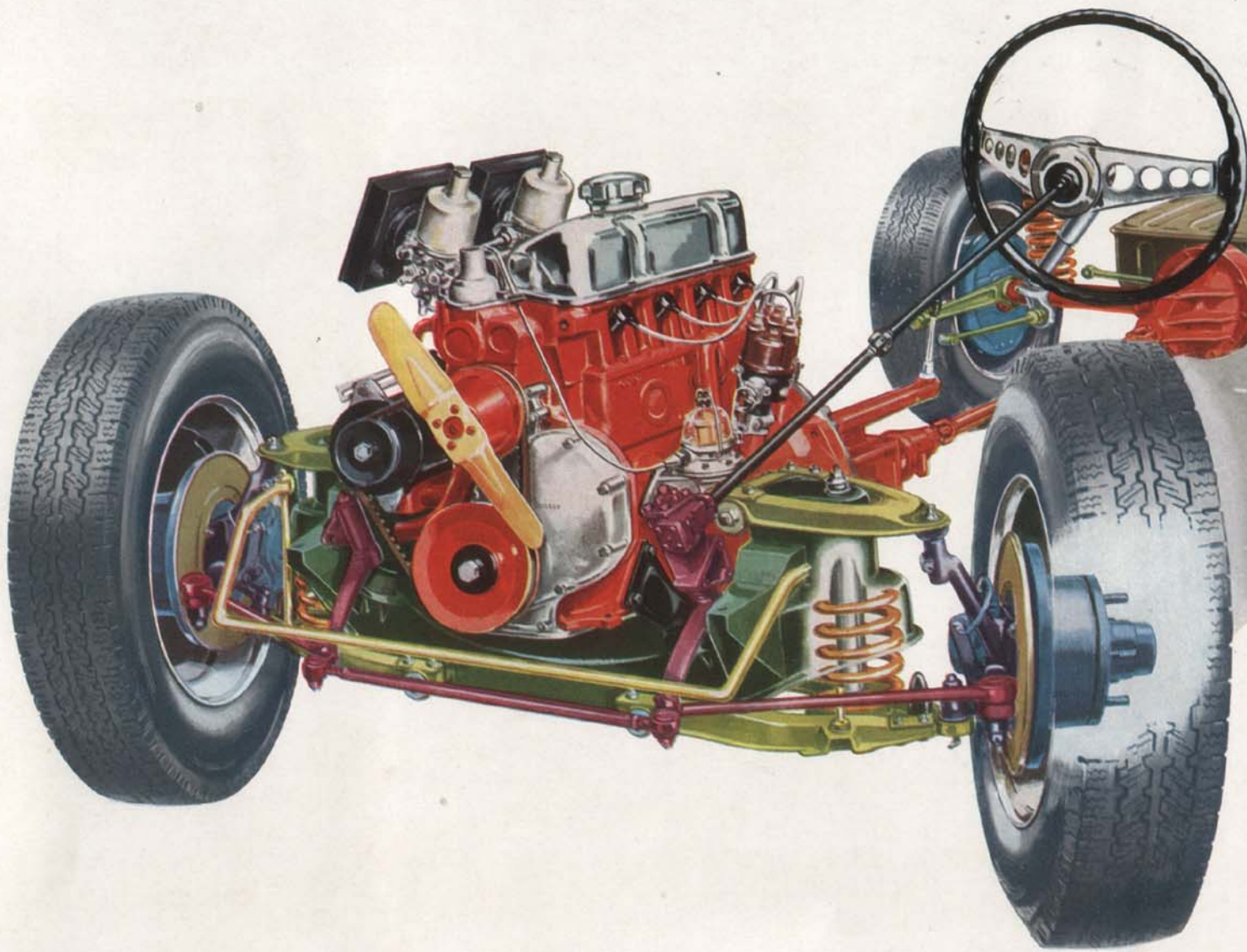




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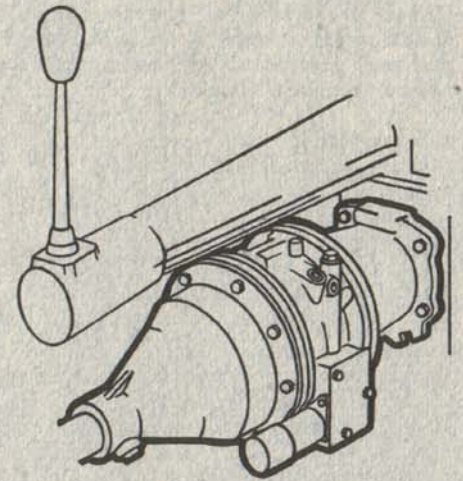
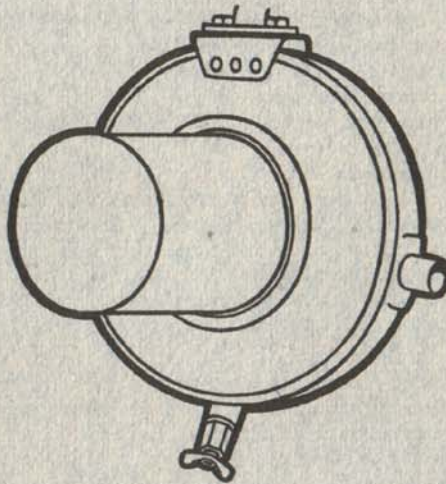






specifications P 1800

Engine			
Four-cylinder, overhead valve			
Bore	3.312" (84.14 mm)		
Stroke	3.15" (80 mm)		
Capacity	108.6 cu.in. (1.78 litres)		
Compression ratio	9.5:1		
Max. output	100 h.p. (SAE) at 5,500 r.p.m.		
Max. torque	108 lb.ft. (15 kgm) at 4,000 r.p.m.		
Carburettors	Twin horizontal carburettors		
Full-flow oil filter	Standard		
Oil cooler	Standard		
Battery			
Voltage	12 V		
Capacity	58 amp./hrs.		
Dynamo			
Fan-cooled with automatic voltage control			
Output	360 W		
Starter motor			
Output	1 h.p.		
Starter switch incorporated in ignition switch which has also a special position whereby all the electrical equipment can be used even when the engine is switched off.			
There is a thief-proof armoured cable between the ignition switch and the ignition coil.			
Clutch			
Hydraulically operated 8½" single dry plate clutch.			
Gearbox			
Four-speed, fully synchronized			
Ratios	1st 3.13:1		
"	2nd 1.99:1		
"	3rd 1.36:1		
"	4th 1:1		
"	Reverse 3.25:1		
Overdrive			
(Optional extra)			
Electrically operated			
Ratio	0.756:1		
Propeller shaft			
Divided for vibration-free operation. Centre bearing carried in rubber blocks as insulation from sound and vibration. Ball bearing in centre bearing requires no lubrication.			
Rear axle			
Hypoid type final drive			
Ratio	4.1:1		
When overdrive fitted			
Ratio	4.56:1		
Steering gear			
Cam and roller type			
Steering box ratio	15.5:1		
Left lock to right lock	3¼ turns of steering wheel		
Turning circle	approx. 31 ft. (9.5 m)		
Front wheel suspension			
Independent suspension with coil springs and control arms. The control arms are carried in rubber bushings and ball joints. Stabilizer.			
Rear wheel suspension			
Coil springs above rear axle			
Support arms carried in rubber			
Torque rods			
Track bar			
Shock absorbers			
Double-acting, hydraulic, telescopic shock absorbers.			
To ensure constant damping action even when driving at high speed on bad roads, each shock absorber has a freon-filled nylon cell.			
Foot brake			
Servo-brake with 5½" servo cylinder			
Front:			
Disc brakes of three cylinder type, splash-protected and self-adjusting.			
Brake discs	10⅞" × ½"		
Brake friction area on each front wheel	14.5 sq.in. (92.5 sq.cm.)		
Rear:			
V-type drum brakes (leading and trailing), hydraulic and self-centring.			
Size	9 × 2"		
Brake friction area on each rear wheel	32.5 sq.in. (210 sq.cm.)		
Hand brake			
Operates separately on rear wheels.			
Hand brake lever located beside driving seat.			
Wheels and tyres			
Pressed steel wheels (4½ J × 15)			
Braced-tread, sports tyres 165-15.			
Body			
Integral construction, all-welded, steel body, fully rust-proofed.			
Fuel tank			
Capacity	10 Imp. gallons (12 US galls. = 45 litres)		
Lighting equipment			
Headlight flasher operated by direction indicator lever.			
Flasher type direction indicators front and rear.			
Combined stop and tail lights with built-in reflectors.			
The internal lighting goes on when either of the doors is opened.			
Instrument lighting, rheostat-controlled.			
Instrumentation			
See centre spread			
Main dimensions and weight			
Wheelbase	96½" (2450 mm)		
Track, front	51¾" (1315 mm)		
Track, rear	51¾" (1315 mm)		
Overall length	173¼" (4400 mm)		
Overall width	67" (1700 mm)		
Overall, height, unladen	50½" (1285 mm)		
Ground clearance, approx.	6" (155 mm)		
Kerb weight, approx.	2490 lb. (1130 kg)		



Other standard equipment

Twin horns and loud-tone horn.
Self-parking, two-speed, electric windscreen wipers.
Electric windscreen washers.
Thermostat-controlled fresh air heater.
Separate defroster control.
Two separate fresh air intakes for summer ventilation.
Safety belts.
Padded sun visors and dashboard.
Ashtray.
Cigarette lighter
Spare wheel.
Tool kit.

The factory reserves the right to modify prices, design and equipment.

Full-flow oil filter and oil cooler

A full-flow oil filter cleans the lubricating oil effectively and makes possible considerably longer periods between oil changes. The P 1800 has also an oil cooler as standard. An extra loop from the cooling system passes through the oil cooler and keeps the oil within the temperature range for which the lubricating properties are best.

Overdrive

An electrically-operated overdrive is available as optional extra and is controlled by means of a switch on the instrument panel. When the overdrive is cut in, engine speed is reduced and this decreases stress on the engine, gives good fuel economy and lower engine noise level.





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VOLVO WESTERN DISTRIBUTING, INC.,
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