



VOLVO
245
CHALLENGER VAN



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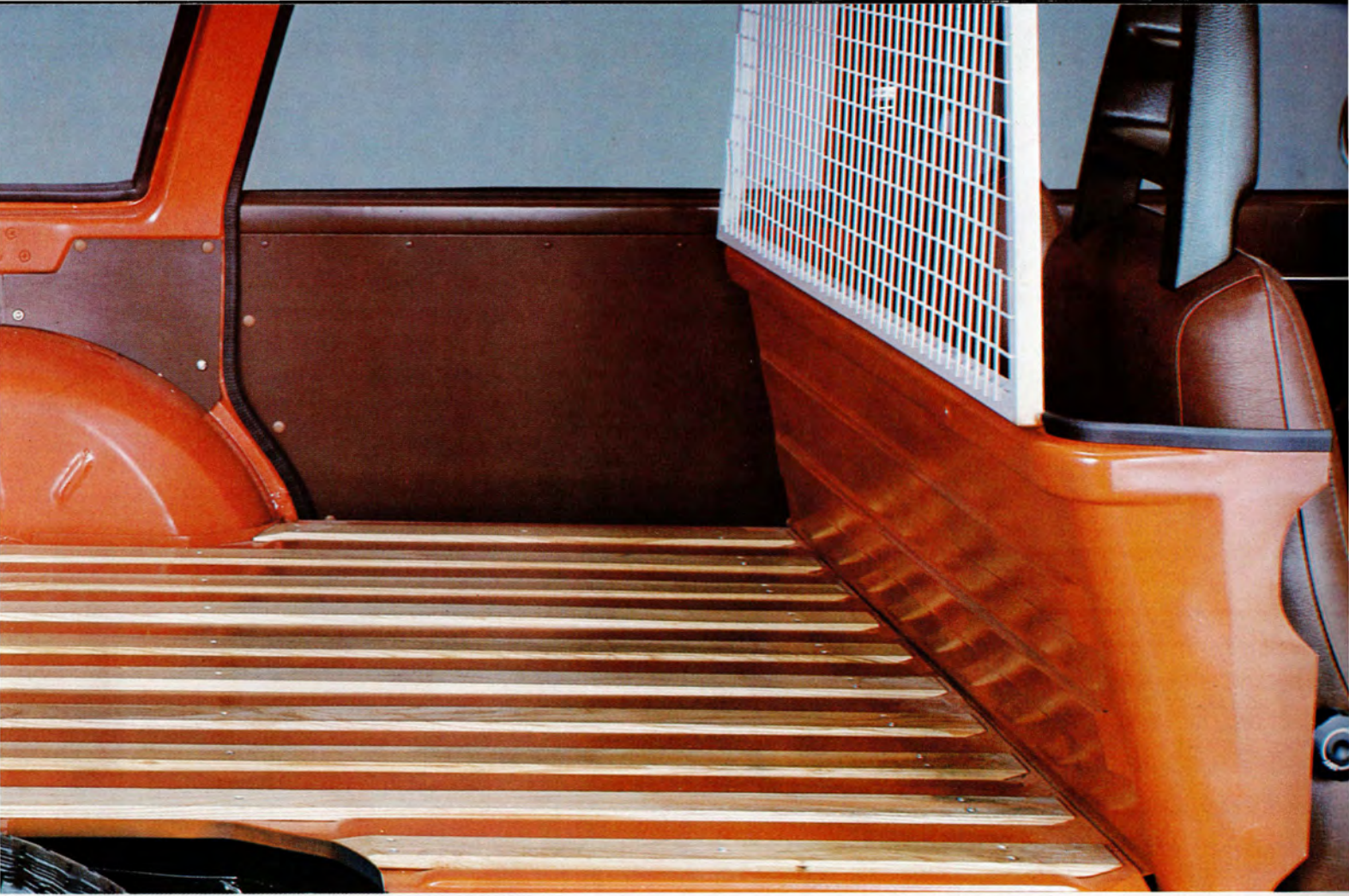
A new configuration Volvo, the 245 Challenger Van, a roomy transport and recreational vehicle, with the same high level of comfort as the Volvo 245 Station wagon. The partitioned-off cargo area is designed to meet all kinds of needs in the daily business of transporting bulky goods, carrying materials, tools of trade and recreational equipment.

The cargo area is 2 m long with a volume of 2.2 m³. The metal floor with wooden strips is hard wearing and easy to maintain. The smooth surfaces and large rear opening allow easy loading and maximum utilization of the entire cargo area.

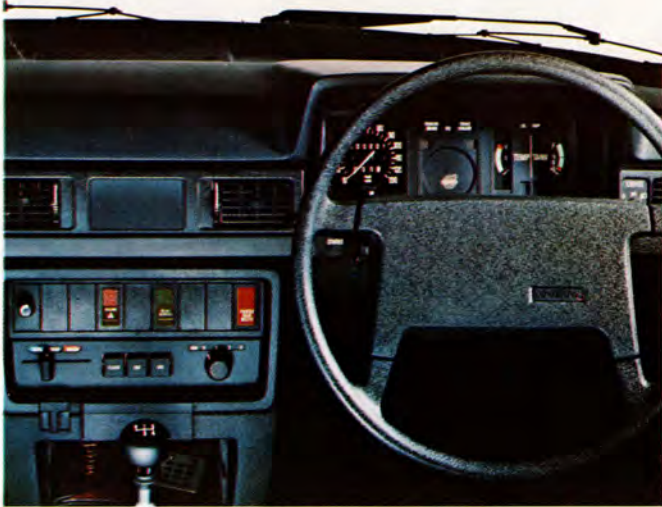
Good roadholding, braking, visibility, steering and midrange acceleration are important in preventing accidents. The Volvo 245 Challenger Van has them all. Alas, try as we might, we cannot influence everything. But it is nice to know that in the event of a collision, impact absorbing front and rear crumple zones protect the passenger compartment, which is itself a sturdy safety cage.

Years of research, often unique, mean today's Volvos offer the driver and passengers a high level of protection. This is, of course, provided that the seat belts are worn properly.

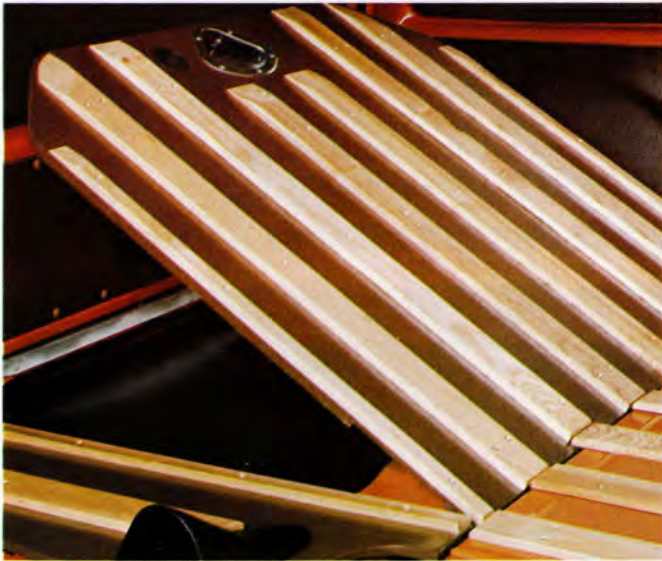
Anatomically designed seats, finger tip controls, precise rack and pinion steering, excellent handling characteristics and a responsive 2.1 litre four cylinder engine with overhead camshaft and cross-flow cylinder head made of aluminium alloy combine to make the Volvo 245 Challenger Van a pleasure at all times in all conditions, with or without load.



Technical information.



Behind the wheel of a Volvo 245 Challenger Van you will find an impressive array of instruments, switches and warning lights.



65 dm³ cavity under the floor for concealing valuables when the car is parked.



Rear visibility is of great importance. The Volvo 245 Challenger Van is fitted with an electrically heated tailgate window, which is kept clean by a wiper/wash unit.

ENGINE
Four cylinder, in-line, watercooled with aluminium alloy cylinder head and overhead camshaft.

Designation	B21E
Displacement, cm ³	2127
Max. output hp at r/m DIN	123/5500
kW at r/s DIN	90/92
Max. torque kpm at r/m DIN	17.3/3500
Nm at r/s DIN	170/58
Compression ratio	9.3:1
Carburation	CL fuel injection

COOLING SYSTEM
Sealed. Capacity 9.5 litres

ELECTRICAL SYSTEM	
Battery	12V/60 Ah
Alternator rating	55 A

TRANSMISSION
Fully synchronised, four speed manual gearbox.

STEERING GEAR
Rack and pinion. Safety steering wheel and safety column of telescopic type.

SUSPENSION
Front: Spring strut type with stabiliser.
Rear: Live, carried in rubber mounted control arms and torque rods, transverse location by track rod. Coil springs and telescopic shock absorbers.

WHEELS AND TYRES
Steel braced radial ply tyres, 185 SR 14 on 5.5 J - 14" rims.

BRAKING SYSTEM
Dual circuit, triangle-split. Each circuit operates on both front wheels and one each of the rear wheels simultaneously. Brake pipes are made of rust-resistant copper/nickel alloy. Disc brakes all round. Power assisted. Handbrake operates on rear wheels through separate drums.

FUEL TANK
Capacity 60 litres. Safety location beside rear axle.

INSTRUMENTATION
Rheostat controlled instrument lighting. Six-figure mileometer with tripmeter. Fuel gauge and coolant temperature gauge. Warning lamps for: charging, oil pressure, main beam, handbrake application and brake circuit failure. Bulb integrity sensor. Audible and visible warning for turn indicators. Combined steering and ignition lock. Centre console: switches

for electrically heated tailgate window, tailgate washer/wiper, and four-way hazard warning lights. "Fasten seat belts" reminder, heating and ventilation controls. Cigarette lighter. Ashtray. Space for radio or radio/cassette.

OTHER STANDARD EQUIPMENT
Combined stalk for turn indicators, main and dipped beam and headlight flasher. Combined stalk for two-speed wipers and electric windscreen washers. Halogen headlights. Automatic day running lights. Automatic reversing lights. Two outer rear-view mirrors. Washer and wiper for tailgate window. Inertia reel seat belts. Childproof lock in tailgate. Laminated, high-impact windscreen. Rubber floor mats. Towing points front and rear. Mudflaps.

EXTERIOR DIMENSIONS (mm)	
Overall length	4898
Overall width	1707
Track: Front	1430
Rear	1360
Turning circle diameter between kerbs	9.8 m

INTERIOR DIMENSIONS (mm)	
Seat width:	
Shoulder height, front seat	1380
Hip height, front seat	1430
Front seat max. depth	470
Front seat max. width	560

CARGO AREA DIMENSIONS	
Volume, approx	2.2m ³
Volume, concealed cavity, approx	65dm ³
Length, approx	2000mm
Height, approx	835mm
Tailgate opening: width, approx	1160mm
height, approx	780mm
Loading height, approx	590mm

Weights, approx.	
Kerb weight	1275kg
Gross weight	1950kg
Permissible trailer weight	1500kg

WARRANTY
Twelve months warranty irrespective of mileage.

The factory reserves the right to make changes at any time, without notice, to prices, colours, materials, equipment, specifications and models and also to discontinue models

COLOUR/UPHOLSTERY	
Orange	- Brown cloth/vinyl
White	- Brown cloth/vinyl
Mid Blue	- Brown cloth/vinyl

