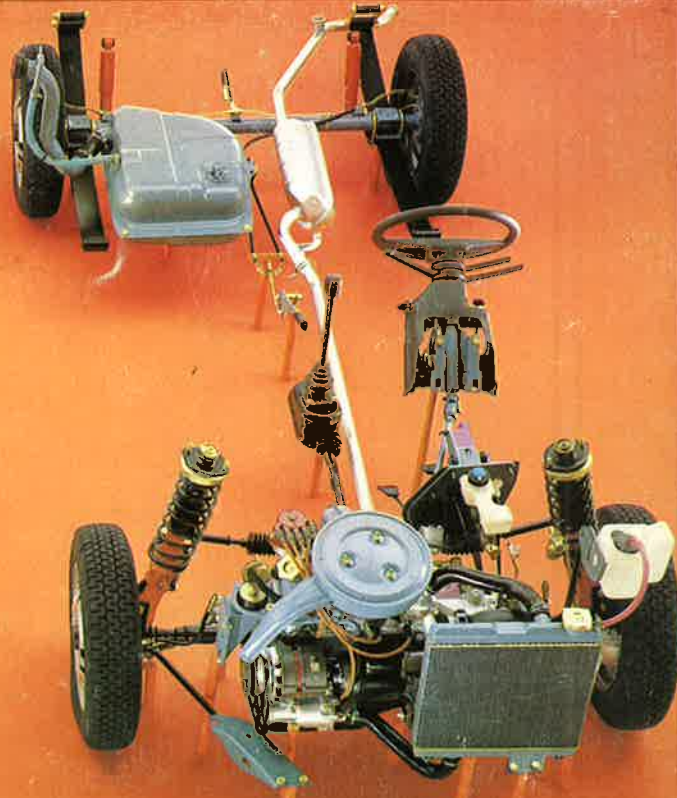




Fiat Panda 30



Fiat Panda 45

Specification

Integral body structure. Wheelbase 2160 mm. Front track 1254 mm. Rear track 1249 mm. Overall length 3380. Overall width 1460 mm. Height (unladen) 1445 mm.

30 bhp engine. Two cylinders in line, front mounted. Capacity 652 cc. Bore 77 mm. Stroke 70 mm. Compression ratio 8 : 1. Max. power output 30 bhp-DIN (22 kW) at 5500 rpm. Max. torque 4.2 mkg (41 Nm) at 3000 rpm. Two-bearing crankshaft. Light alloy cylinder block. Side mounted camshaft driven by chain. Ignition by mechanical distributor. Mechanical diaphragm-type fuel pump. Twin-choke down-draught carburettor, manual cold starting device, positive crankcase ventilation. Dry air cleaner with paper cartridge. Forced lubrication. Oil filters: gauze strainer on oil pump and full-flow centrifugal filter. Cooling system: air, with axial fan.

45 bhp engine. Four cylinders in line, front transverse mounted. Capacity 903 cc. Bore 65 mm. Stroke 68 mm. Compression ratio 9 : 1. Max. power output 45 bhp-DIN (33 kW) at 5600 rpm. Max. torque 6.5 mkg (64 Nm) at 3000 rpm. Three-bearing crankshaft. Cast iron cylinder block. Light alloy cylinder head. Side mounted camshaft driven by chain. Ignition by mechanical distributor. Mechanical diaphragm-type fuel pump. Single-choke down-draught carburettor, manual cold starting device, positive crankcase ventilation. Dry air cleaner with paper cartridge. Forced lubrication by gear pump. Oil filters: gauze strainer on oil pump and replaceable cartridge on crankcase. Cooling system: water pump, radiator and expansion tank. Thermostat. Thermostatically controlled electric cooling fan.

Clutch. Single dry plate, with mechanical control.

Gearbox. Four forward speeds plus reverse.

Differential. Incorporated in the gearbox. Reduction ratio: Panda 30: 8/41 (5.125 : 1); Panda 45: 13/58 (4.462 : 1).

Transmission. Front wheel drive. Drive shafts with constant velocity joints.

Front suspension. Independent Mac Pherson struts with lower swinging arms. Coil springs. Hydraulic, double-acting telescopic dampers.

Rear suspension. Tubular dead axle with longitudinal leaf springs. Hydraulic, double-acting telescopic dampers.

Steering. Rack and pinion. Universally-jointed three-section steering column. Turning circle 9.2 metres. 3.4 steering wheel turns from lock to lock.

Brakes. Discs at front, drums at rear. Two independent circuits. Brake pressure limiting valve on rear circuit. Hand operated parking brake acting on rear wheels.

Wheels. Pressed steel 4.00 B x 13" rims. 135 SR-13 tyres.

Electrical system. 12 V. 45 A alternator with electronic built-in voltage regulator. 34 Ah battery.

Fuel tank. located at rear. Capacity: 35 litres, including a 7-8 litre reserve.

Weights (DIN). Kerbweight: Panda 30 650 kgs; Panda 45 680 kgs. Payload 400 kgs.

Performance. Top speed: 115 km/h (Panda 30), 140 km/h (Panda 45). Max. climbable gradient, fully laden: 24% (Panda 30); 32% (Panda 45).

Optional extras. Panda 30: reclining front seat-backs with head restraints, inertia-reel safety belts front and rear, hinged rear side windows, heated rear window, Dunlop "Denovo" 150/65R 345 tyres.

Panda 45: individually folding rear seats, inertia-reel safety belts front and rear, heated rear window, tinted windows, rear window wash/wipe, Dunlop "Denovo" 150/65R 345 tyres, 145/70 SR 13 tyres.

The layouts of Fiat Panda models and the supply of options may change from one country to another to meet special market or legal requirements.

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Fiat Auto - Pubblicità e Immagine
Edition No. 2.0601-6/81
Printed in Italy - Pozzo Gros Monti S.p.A. - Torino