

FIAT
850
SPORT
SPIDER

Fiat... the biggest selling car in Europe





Fiat 850 Sport spider specifications

Stressed body structure

Wheelbase 79.8 in. (2,027 mm).
Front track 46.1 in. (1,170 mm).
Rear track 48.1 in. (1,222 mm).
Overall length 150.5 in.
(3,824 mm).
Overall width 59 in. (1,500 mm).
Overall height 48 in. (1,220 mm).

Engine

4 cylinders, 903 c.c.
Bore 2.56 in. (65 mm).
Stroke 2.68 in. (68 mm).
Compression ratio 9.5-to-1.
Maximum power output:
49 h.p. (SAE, net).
Cast-iron crankcase.
Aluminium cylinder head.
Three-bearing crankshaft.
Overhead valves.
Twin-choke carburettor.
Cartridge air cleaner. Mechanical
diaphragm fuel pump. Forced
lubrication by gear pump.
Centrifugal oil filter. Cooling
system: centrifugal pump-
promoted circulation of a special
coolant mixture. Cooling circuit
with translucent expansion tank.
Plastic axial-flow fan. Cooling
temperature adjusted by
thermostat. Key-operated
solenoid starter. Oil fumes and
blow-by gases recirculation
system. Fuel evaporative
emission control system.
Exhaust emission control system.
Rear-mounted power plant.

Clutch

single dry plate.

Drive line

to rear wheels by two swinging
half shafts connected by runner
slip joints at differential and
flexible joints at front wheels.
Differential and final drive unit
incorporated in transmission
casing. Ratio: 4.8-to-1 (8/39).

Gearbox

four forward speeds and reverse.
All forward gears in constant
mesh with synchronizers.

Steering

by worm screw and helical
sector. Steering post with two
universal joints. Steering linkage
joints lubricated for life.

Front suspension

independent, by transverse-
mounted leaf spring and
hydraulic telescopic double-
acting shock absorbers.
Anti-roll bar.

Rear suspension

independent, by coil springs
and hydraulic, telescopic,
double-acting shock absorbers
on swinging arms. Anti-roll bar.

Brakes

hydraulic service brakes by discs
at front and drums at rear.
Independent brake circuit front
and rear. Hand brake acting on
rear brake shoes.

Wheels

disc type, with 5 J-13 rims.
150 SR-13" or 155 SR-13"
radial ply tyres.

Fuel tank

located at rear, between engine
and firewall. Capacity:
7.4 U.S. galls (28 litres).

Ventilation and heating system

incorporates windshield
demisting and defrosting; air
intakes on bonnet; heater fan in
air distribution system; heater
radiator with hot water
recirculation from engine.

Electrical system

12 Volt. Alternator:
max. continuous output 42 Amps.
50 Amp/h battery.

Speed

over 93 m.p.h. (over 150 k.p.h.).

Steering lock.

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the world.

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