

Fiat 124 Spider Specifications

General Information

- **Body Style** - Roadster
- **Assembly Plant** - Hiroshima, Japan
- **EPA Vehicle Class** - Two-seater
- **Introduction Date** - Summer 2016

Body and Chassis

- **Layout** - Monocoque unibody; front and rear suspension subframes
- **Construction** - High tensile strength steel body to improve rigidity; double-wishbone suspension at the front and multi-link at the rear; sport suspension

Engine: 1.4-Liter Turbocharged MultiAir I-4

- **Availability** - Standard
- **Type and Description** - In-line four-cylinder, liquid-cooled, turbocharged
- **Displacement** - 1,368 cc
- **Bore x Stroke** - 72.0 x 84.0
- **Valve System** - MultiAir 16valves
- **Fuel Injection** - Sequential, multiport, electronic, returnless
- **Compression Ratio** - 9.8:1
- **Maximum Turbo Boost (psi / bar)** - 2.49 bar
- **Power (SAE)** - 140 hp (103) @ 5,000 rpm
- **Torque (SAE)** - 240 Nm @ 2,250 rpm
- **Max. Engine Speed** - 6,500 rpm
- **Fuel Requirement** - gasoline
- **Oil Capacity** - 3.8 liter with dry filter
- **Coolant Capacity** - 7.2 liter six-speed manual
- **Emission Controls** - Three-way catalytic converter, heated oxygen sensors and internal engine features
- **Towing** - Not recommended
- **Engine Assembly Plant** - Termoli, Italy

C635 Six-Speed Manual Transmission

- **Description** - 1st, 2nd, 3rd, 4th gear: Triple cone
- **Gear Ratio** - 1st 4.363, 2nd 2.348, 3rd 1.647, 4th 1.262, 5th 1.000, 6th 0.844, Reverse 3.863, Final-drive Ratio 3.454

Electrical System

- **Alternator** - Denso SC2 150 A with LIN regulator
- **Battery** - Q85

Suspension

- **Front** - Double wishbone front with stabilizer bars
- **Rear** - Multilink rear with stabilizer bars

Steering

- **Type** - Double pinion electric power assist system (DP-EPAS) – rack and pinion
- **Overall Ratio** - 15.5
- **Turning Diameter (curb-to-curb)** - 9.4 m
- **Steering Turns (lock-to-lock)** - 2.7

Brakes

- **Front** - Ventilated front disc
- **Size and Type** - floating – disc plate F 280mm
- **Swept Area (per caliper)** - 67.8 sq. cm
- **Rear** - Solid rear disc
- **Size and Type** - floating– disc plate F 280mm
- **Swept Area (per caliper)** - 63.0 sq. cm
- **Power-assist Type** - Vacuum booster
- **Four-wheel anti-lock brake system (ABS)** - Standard
- **Electronic stability control (ESC)** - Standard
- **Parking Brake Type** - Mechanical (lever type)

Dimensions and Capacities

- **Wheelbase** - 2310 mm
- **Track, Front** - 1,496 mm
- **Track, Rear** - 1,503 mm
- **Overall Length** - 4,054 mm
- **Overall Width** - 1,740 mm
- **Overall Height** - 1,233 mm
- **Approach angle, degrees** - 13.1
- **Curb Weight, pounds (kg)** - 1050 kg (manual transmission)
- **Fuel-tank Capacity** - 45 liters

Accommodations

- **Seating Capacity — Front** - 2
- **Head Room** - 950mm
- **Legroom** - 1,096mm
- **Shoulder Room** - 1,325mm
- **Hip Room** - 1,320mm
- **Seat Travel** - 210mm driver / 170mm passenger
- **Recliner Range (degrees)** - From 25 nominal, 12 forward and 22 rearward
- **Cargo space** - 140 liter

Tires

- **Availability** - Standard: 124 Spider
- **Size and Type** - 195/50R16 three-season
- **Mfr. and Model** - Yokohama Advan Sport V105
- **Revs per km** - 1,414.6
- **Availability** - Standard: Lusso
- **Size and Type** - 205/45R17 three-season
- **Mfr. and Model** - Bridgestone Potenza S001
- **Revs per km** - 1,377.6