



2020 FIAT 124 SPIDER Specifications

Specifications are based on the latest product information available at the time of publication.

All dimensions are in inches (millimeters) unless otherwise noted.

All dimensions measured at curb weight with standard tires and wheels.

GENERAL INFORMATION

Body Style	Roadster
Assembly Plant	Hiroshima, Japan
EPA Vehicle Class	Two-seater
Introduction Date	Summer 2016 as a 2017 model

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	83.48 cu. in. (1,368 cc)
Bore x Stroke	2.83 x 3.31 (72.0 x 84.0)
Valve System	Belt-driven, MultiAir, SOHC, 16 valves, hydraulic end-pivot roller rockers
Fuel Injection	Sequential, multiport, electronic, returnless
Construction	Cast-iron block with aluminum-alloy head and aluminum-alloy bedplate
Compression Ratio	9.8:1
Maximum Turbo Boost (psi / bar)	22 psi / 2.49 bar

Power (SAE)	160 hp (119 kW) @ 5,500 rpm (Classica and Lusso)
	164 hp (123 kW) @ 5,500 rpm (Abarth)
Torque (SAE)	184 lb.-ft. (250 N•m) @ 2,500 rpm (Abarth in Sport Mode)
	184 lb.-ft. (250 N•m) @ 3,200 rpm (Classica, Lusso, Abarth)
Max. Engine Speed	6,250 rpm (electronically limited)
Fuel Requirement	87 octane (R+M)/2 acceptable
	91 octane recommended
Oil Capacity	4.0 qt. (3.8 liter) with dry filter
Coolant Capacity	7.6 qt. (7.2 liter) six-speed manual
	7.5 qt. (7.1 liter) six-speed automatic
Emission Controls	Three-way catalytic converter, heated oxygen sensors and internal engine features
Fuel Economy (city/highway/combined)	26/35/30 six-speed manual transmission
	25/36/29 six-speed automatic transmission
Towing	Not recommended
Engine Assembly Plant	Termoli, Italy

B400 AISIN SIX-SPEED AUTOMATIC TRANSMISSION

Availability	Classica, Lusso, Abarth
Description	Planetary gear train, longitudinal layout
	Paddle-shifted driver-interactive manual control (Abarth)
Gear Ratios	
1st	3.538
2nd	2.060
3rd	1.404
4th	1.000
5th	0.713

6th	0.582
Reverse	3.168
Axle Ratios	3.583
Mechanical Limited-slip Differential	Standard on Abarth

MT6 SIX-SPEED MANUAL TRANSMISSION

Availability	Classica, Lusso, Abarth
Description	1st, 2nd, 3rd, 4th gear: Triple cone
Gear Ratios	
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
Mechanical Limited-slip Differential	Standard on Abarth

ELECTRICAL SYSTEM

Alternator	Denso SC2 150 A with LIN regulator
Battery	Q85

SUSPENSION

Front	Double-wishbone front with stabilizer bars
	Tower strut bar (Abarth)

Rear	Multi-link rear with stabilizer bars
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STEERING

Type	Double pinion electric power assist system (DP-EPAS) – rack and pinion
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Overall Ratio	15.5
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Turning Diameter (curb-to-curb)	30.8 ft. (9.4 m)
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Steering Turns (lock-to-lock)	2.7
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BRAKES

Availability	Standard: Classica, Lusso, Abarth
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Front	Ventilated front disc
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Size and type	11-in. floating
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Swept area (per caliper)	10.5 sq. in. (67.8 sq. cm)
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Rear	Solid rear disc
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Size and type	11-in. floating
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Swept area (per caliper)	9.8 sq. in. (63.0 sq. cm)
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Availability	Optional: Abarth
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Front	Brembo ventilated front disc
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Size and type	11-in. opposed
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Swept area (per caliper)	18.6 sq. in. (120 sq. cm)
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Rear	Solid rear disc
Size and type	11-in. floating
Swept area (per caliper)	9.8 sq. in. (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	90.9 (2,309)
Track, Front	58.9 (1,496)
Track, Rear	59.1 (1,503)
Overall Length	159.6 (4,054)
Overall Width	68.5 (1,740)
Overall Height	48.5 (1,232)
Approach Angle, degrees	13.1
Curb Weight, pounds (kg)	2,436 (1,105) six-speed manual (Classica, Lusso)
	2,477 (1,124) six-speed manual (Abarth)
	2,476 (1,123) six-speed automatic (Classica, Lusso)
	2,516 (1,141) six-speed automatic (Abarth)
Fuel Tank Capacity	11.9 gal. (45 liters)

ACCOMMODATIONS

Seating Capacity – Front	2
Headroom	37.4 (950)
Legroom	43.1 (1,096)
Shoulder Room	52.1 (1,325)
Hip Room	52.0 (1,320)
Seat Travel	8.3 (210) driver / 6.7 (170) passenger
Recliner Range (degrees)	From 25 nominal, 12 forward and 22 rearward
Cargo Space, cu. ft.	4.94 (140 liter)

TIRES

Availability	Standard: Classica
Size and type	195/50R16 Three-season
Mfr. and model	Yokohama Advan Sport V105
Revs per mile (km)	879 (1,414.6)
Availability	Standard: Lusso and Abarth
Size and type	205/45R17 Three-season
Mfr. and model	Bridgestone Potenza S001 (Lusso) Bridgestone Potenza RE-050A (Abarth)
Revs per mile (km)	856 (1,377.6)

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