GENERAL INFORMATION 2012 Fiat 500	
Body Style	A-segment hatchback
Assembly Plant	Toluca, Mexico
EPA Vehicle Class	Subcompact
Introduction Date	February 2011 as a 2012 model

ENGINE: 1.4-LITER SOHC 16-VALVE MULTIAIR® INLINE FOUR-CYLINDER	
Availability	Standard — Fiat 500 Pop, Sport and Lounge
Type and Description	Inline four-cylinder, liquid-cooled
Displacement	83.48 cu. in. (1368 cu. cm)
Bore x Stroke	2.83 x 3.31 in. (72.0 x 84.0 mm)
Valve System	Belt-driven, MultiAir®, SOHC,16 valves, hydraulic end-pivot roller rockers
Fuel Injection	Sequential, multi-port, electronic, returnless
Construction	Cast iron block with aluminum-alloy heads and aluminum-alloy bedplate
Compression Ratio	10.8:1
Power (SAE net)	101 bhp (75 kW) @ 6,500 rpm (73.8 bhp/L)
Torque (SAE net)	98 lb.-ft. (133 N•m) @ 4,000 rpm
Max. Engine Speed	6,900 rpm (electronically limited)
Fuel Requirement	87 octane (R+M)/2 acceptable 91 octane recommended
Oil Capacity	4.0 qt. (3.8L) with dry filter
Coolant Capacity	4.6 qt. (14.4L)
Emission Controls	Dual three-way catalytic converters, heated oxygen sensors and internal engine features[a]
Max. Gross Trailer Weight	Not rated for trailer tow
Estimated EPA Fuel Economy mpg (City/Hwy)	30/38 (5-speed manual) 27/34 (6-speed automatic)
Engine Assembly Plant	GEMA Engine Plant, Dundee, Mich.

(a) Meets Federal Tier 2 Bin 5 emission requirements and ULEV II requirements in California, Massachusetts, New York, Maine, Vermont, Connecticut, Pennsylvania, Rhode Island, New Jersey, Oregon and Washington.

TRANSMISSION: AISIN AUTOMATIC SIX-SPEED OVERDRIVE WITH AUTO STICK	
Availability	Standard on 500 Lounge Optional on 500 Pop and 500 Sport models
Description	Auto Stick driver-interactive manual control and electronically modulated torque converter clutch
Gear Ratios	
1st	4.044
2nd	2.371
3rd	1.556
4th	1.159
5th	0.852
6th	0.672
Reverse	3.193
Final Drive Ratio	4.103
Overall Top Gear	6.01

TRANSMISSION: C514 FIVE-SPEED MANUAL	
Availability	Standard on 500 Pop and 500 Lounge
Description	1st, 2nd gear: Double Cone 3rd, 4th, 5th, gear: Single Cone
Gear Ratios	
1st	3.909
2nd	2.158
3rd	1.345
4th	0.974
5th	0.766
Reverse	3.818
Final-drive Ratio	3.733

ELECTRICAL SYSTEM	
Alternator	105-amp — Standard all
Battery	500 CCA, maintenance free

DIMENSIONS AND CAPACITIES[d]	
Wheelbase	90.6 (2,300)
Track, Front	55.4 (1,406.8)
Track, Rear	55.0 (1,397.0)
Overall Length	139.6 (3,546.7)
Overall Width	64.1 (1,627.0)
Overall Height	59.8 (1,519.6)
Ground Clearance	4.1 (104.0)
Drag Coefficient (Cd)	0.35
Curb Weight, lb. (kg)	2,363 (1,074.0) — 5-MTX 2,434 (1,106.4) — 6-ATX
Weight Distribution, percent F/R	64/36 — 5-MTX 66/34 — 6-ATX
Fuel Tank Capacity, gal. (L)	10.5 (40)

(d) All dimensions measured at curb weight with standard tires.

ACCOMMODATIONS	
Seating Capacity, F/R	2/2
Front Seat	
Head room	38.9 (989.1) 37.6 (956.3) with sunroof
Legroom	40.7 (1,034.8)
Shoulder room	49.4 (1,254.8)
Hip room	47.9 (1,215.4)
Total seat travel	Driver — 8.2 (210.0) Passenger — 8.2 (210.0)
EPA front row interior volume, cu. ft. (cu. m)	43.8 (1.239)
Rear Seat	
Head room	35.6 (902.9)
Legroom	31.7 (805.1)
Knee clearance	3.8 (96.5)
Shoulder room	46.4 (1,177.5)
Hip room	1083.1 (42.6)
EPA second row interior volume, cu. ft. (cu. m)	30.2 (0.854)
Total Interior Volume, cu. ft. (cu. m)	85.1 (2.409)
EPA Luggage Compartment Volume, cu. ft. (cu. m)	9.5 (0.269)
EPA Interior Volume Index, cu. ft. (cu. m)	75.6 (2.140)
Trunk Liftover Height	27.7 (703.6)

BODY	
Layout	Transverse-mounted front engine, front-wheel drive
Construction	Unitized steel body

SUSPENSION	
Front	MacPherson suspension, coil spring with twin-tube shock absorbers and stabilizer bar — included with 500 Pop and 500 Lounge Sport-tuned shock absorbers and springs — included with 500 Sport
Rear	Rear twist-beam axle with coil springs and twin-tube shock absorbers — included with 500 Pop and 500 Lounge Sport-tuned shock absorbers and springs — included with 500 Sport

STEERING	
Type	Power rack and pinion with electric power steering (EPS) column
Overall Ratio	16.3:1
Turning Diameter (curb-to-curb)	30.6 ft. (9.32 m)
Steering Turns (lock-to-lock)	3.0

TIRES	
Availability	Standard on 500 Pop and 500 Lounge
Size and type	185/55R15 BSW all-season
Mfr. and model	Continental ContiProContact or Firestone Firehawk GTH or Pirelli Cinturato P7 A/S
Revs per mile (km)	906 (563)
Availability	Standard on 500 Sport
Size and type	195/45R16XL BSW all-season
Mfr. and model	Pirelli Cinturato P7 A/S or Continental ContiProContact
Revs per mile (km)	901 (560) or 911 (566)

WHEELS	
Availability	Standard on 500 Pop
Type and material	Steel wheels with tech silver painted wheel covers
Size	15 x 6.0
Availability	Optional on 500 Pop
Type and material	Cast-aluminum, five oval spoke design, fully painted tech silver
Size	15 x 6.0
Availability	Standard on 500 Lounge
Type and material	Cast-aluminum, nine split-spoke design, fully painted tech silver
Size	15 x 6.0
Availability	Optional on 500 Lounge
Type and material	Cast-aluminum premium finish, radial design, fully painted premium silver
Size	15 x 6.0
Availability	Standard on 500 Sport
Type and material	Cast-aluminum, polished face with dark mineral gray painted pockets
Size	16 x 6.5

BRAKES	
Front	
Rotor size and type	10.1 x 0.86 (257 x 22) vented
Caliper size and type	2.12 (54) single-piston with aluminum housing
Swept area	193 sq. in. (1,244 sq. cm)
Rear	
Rotor size and type	9.4 x 0.4 (240 x 11) solid
Caliper size and type	1.33 (34) single-piston with aluminum housing
Swept area	153 sq. in. (984 sq. cm)