

2020 Chrysler Pacifica Hybrid

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

Vehicle Type	Multipurpose vehicle
Assembly Plant	Windsor, Ontario, Canada
EPA Vehicle Class	Multipurpose vehicle
Introduction Date	2016 as a 2017 model

BODY/CHASSIS

Layout	Transverse front engine, front-wheel drive
Construction	Steel unibody with hinged front doors; aluminum-skinned sliding left- and right-side doors — power available; magnesium-structured/aluminum-skinned rear liftgate with gas props — power available

ENGINE: 3.6-LITER PENTASTAR V-6 EHYBRID (ATKINSON CYCLE)

Availability	Standard
Type and Description	60-degree dual overhead cam engine
Displacement	220 cu. in. (3,605 cu. cm)
Bore x Stroke	96 mm x 83 mm
Valve System	24-valve, end pivot roller finger followers and continuous variable-valve timing on both intake and exhaust cams; chain-driven
Fuel System	Port-fuel injection (PFI)
Construction	High-pressure die-cast A380 aluminum block with iron liners and semi-permanent mold A319 aluminum heads
Compression Ratio	12.5:1
Total System Power	Estimated 260 hp (194 kW)
Fuel Requirement	Unleaded regular, 87 octane, or E0 to E15
Oil Capacity	5 quarts (4.7 liter)
Coolant Capacity	7.2 quarts (6.8 liter)
Emission Controls	Integrated cast-aluminum header manifolds; positive crankcase ventilation; intake and exhaust cam phasers; evaporative emissions system
EPA Fuel Economy (Electric+Gas / Gas)	82 MPGe / 30 MPG (combined city/highway)
Assembly Plant	Trenton Engine Complex, Trenton, Michigan and Saltillo Engine Plant, Saltillo, Mexico

TRANSMISSION: EFLITE ELECTRICALLY VARIABLE

Availability	Standard
Description	Electrically variable transmission with dual-motor EV drive capability
Motor A	
Power	Estimated 84 hp (63 kW)
Motor B	
Power	Estimated 114 hp (85 kW)

HYBRID BATTERY PACK

Availability	Standard
Description	High voltage, 96 cell Li-ion, 16kWh total energy, 360-volt nominal

SUSPENSION

Front	Independent MacPherson strut, coil over gas-charged shock absorbers, stabilizer bar with hydroformed steel perimeter cradle
Rear	Independent twist-blade with coil springs, twin-tube shock absorbers with integrated rebound springs

STEERING

Type	Electric rack and pinion
Overall Ratio	16.2:1
Turning Diameter (curb-to-curb)	39.7 ft. (12.1 m)
Steering Turns (lock-to-lock)	3.13

BRAKES

Power-assist Type	Four-wheel antilock disc regenerative brakes, vacuum assist
Availability	Standard on all models
Front	
Size and type	13.0 x 1.1 (330 x 28) vented rotor with (51.0) single-piston floating caliper
Swept area	73.6 sq. in. (475 sq. cm)
Rear	
Size and type	13.0 x 0.47 (330 x 12) solid rotor with (44.0) single-piston floating caliper
Swept area	66.5 sq. in. (429 sq. cm)
Parking Brake Type	Electric park brake
Anti-lock Brake System (ABS)	Standard
Electronic Stability Control (ESC)	Standard
Traction Control	Standard
Brake Assist	Standard

DIMENSIONS AND CAPACITIES

Wheelbase	121.6 (3,089)
Overhang — Front	37.8 (960)
Overhang — Rear	44.3 (1,127)
Track — Front	68.2 (1,734)
Track — Rear	68.2 (1,735)
Overall Length	203.8 (5,176)
Overall Width	79.6 (2,022)
Overall Width with Mirrors	90.4 (2,297)
Overall Height	69.9 (1,777)
Liftover Height	24.3 (617)
Cargo Width at Wheelhouse	48.8 (1,239)
Maximum Cargo Height	47.6 (1,208)
Approach Angle (degrees)	13.5
Ramp Breakover Angle (degrees)	12.5
Departure Angle (degrees)	18.6
Ground Clearance	5.1 (130)
Drag Coefficient (Cd)	0.298
Aero CdA	9.85
Fuel Tank Capacity, gallons (L)	16.5 (62.5)
Gross Vehicle Weight Rating (GVWR), lbs. (kg)	6,300 (2,858)
Towing Capacity, lbs. (kg)	Not recommended for hybrid models
EPA Curb Weight, lbs. (kg)	4,987 (2,262)
Weight Distribution (percent front/rear)	56.5/43.5

ACCOMMODATIONS

Seating Capacity (front/second/third rows)	2/2/3
Total SAE Volume, cu. ft.	197.3
Front	
Headroom	40.1 (1,020)
Head Room with Sunroof	38.4 (975)
Legroom	41.1 (1,045)
Shoulder Room	63.8 (1,622)
Hip Room	59.0 (1,500)
Seat Travel	8.7 (220)
Recliner Angle Range (degrees)	58

First Row SAE Volume, cu. ft.	61.1
Second Row	
Headroom	39.6 (1,006)
Headroom with Sunroof	38.0 (966)
Legroom	39.0 (992)
Minimum Knee Clearance	4.8 (123)
Shoulder Room	63.0 (1,602)
Hip Room	64.8 (1,647)
Second Row SAE Volume, cu. ft.	56.5
Third Row	
Headroom	38.7 (984)
Headroom with Sunroof	38.7 (984)
Legroom	36.5 (929)
Knee Clearance	3.5 (89)
Shoulder Room	61.2 (1,555)
Hip Room	49.5 (1,258)
Third Row SAE Volume, cu. ft.	47.5
Cargo Volume	
Maximum Passenger Volume, cu. ft.	165.0
Maximum SAE Volume behind First Row, cu. ft.	140.5
Maximum SAE Volume behind Second Row, cu. ft.	87.5
Maximum SAE Volume behind Third Row, cu. ft.	32.3
Total Passenger plus Volume behind Third Row, cu. ft.	197.3

WHEELS

Availability	Standard on Hybrid Touring Plus and Hybrid Touring L
Type and Material	Polished aluminum
Size	17 x 7

Availability	Standard on Hybrid Limited (optional on Hybrid Touring Plus and Hybrid Touring L)
Type and Material	Polished aluminum with painted pockets
Size	17 x 7

Availability	Optional on Hybrid Limited
Type and Material	Polished aluminum with Tech Gray pockets
Size	18 x 7.5

Availability	Packaged on Hybrid Touring Plus, Hybrid Touring L and Hybrid Limited
Type and Material	Black Noise aluminum
Size	18 x 7.5

TIRES

Availability	Standard on Hybrid Touring Plus, Hybrid Touring L and Hybrid Limited
Size and Type	235/65R17 BSW, All-season
Model	Yokohama Avid S34

Availability	Optional/Packaged on Hybrid Touring Plus, Hybrid Touring L and Hybrid Limited
Size and Type	235/60R18 BSW, All-season
Model	Michelin Premier A/S, Nexen N'Priz RH7α

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