

# Continental Brushless Blower Motors

## Data Sheet

Brushless Blower motor designs provide a variety of benefits over traditional brushed blower motors. They allow for quieter operating cycles at variable speeds and enhanced speed control while consuming less power during operation. Without the use of brushes, service life of the motors is increased and response times to demands for heating and cooling of the cabin are faster. Operating range is greater as well because the entire HVAC system can be controlled and monitored by the vehicle's ECU.

### Top Brushless Blower Motor Vehicles



### Top Brushless Blower Motor Applications

#### PM4084

**Application:** 2014-2020 GM Pickups and SUVs

#### PM9316

**Application:** 2008-2021 Infiniti and Nissan Cars and SUVs

#### PM9351

**Application:** 2007-2021 Toyota Camry, Highlander Tundra, Lexus ES350, GS350

### Tech Tip

The first time many technicians replace a Brushless Blower Motor, they may think it's a simple blower motor replacement. However, Brushless Blower Motors require a specific electronic signal and voltage to modulate the "Duty Cycle" from the ECU. Using a generic 12-volt power source will cause irreversible damage to the motor's electronics. *Therefore, **do not bench test** a brushless blower motor prior to installation!*

## Continental Brushless Blower Motors Application Data

Continental Part Number	Applications	VIO (U.S.)
PM4031	2009-2019 Toyota Corolla, Prius	4,087,583
PM4045	2014-2020 Chevrolet Impala, Cadillac XTS	627,506
PM4046	2013-2021 Cadillac ATS, Chevrolet Camaro	501,826
PM4055	2008-2020 Toyota Sienna, Sequoia, Land Cruiser	1,269,867
PM4079	2001-2019 Chevrolet Corvette, Cadillac XLR	356,130
PM4082	2015-2021 Chevrolet Colorado, GMC Canyon	932,107
PM4084	2014-2019 GM Pickups and 2014-2020 SUVs	5,724,966
PM4088	2002-2009 Audi A4, S4, RS4	230,086
PM4090	2011-2018 Volkswagen Touareg, Porsche Cayenne	144,721
PM4093	2014-2021 Dodge Journey, RAM pickups	2,745,579
PM4102	2015-2021 Ford Super-Duty Series, Expedition	5,146,350
PM4104	2014-2021 Jeep Wrangler	1,624,838
PM4112	2007- 2013 Mercedes GL and ML Series	270,487
PM4395	2021 Cadillac Escalade Chevrolet Tahoe GMC Yukon	117,586
PM4427	2017-2020 Audi A4 Q5, Q7,S5, SQ5	775,706
PM4442	2019-2020 BMW X5	99,687
PM4444	2020-2021 Chevrolet Corvette	25,293
PM4482	2015-2021 Lexus NX200t, NX300h	377,431
PM4508	2019-2021 Subaru Ascent	205,092
PM4522	2013-2020 Lexus GS, IS, RC	395,866
PM4578	2017-2021 Chrysler Pacifica	492,408
PM4588	2006-2016 Lexus, Toyota	398,794
PM4604	2011-2018 Audi A6, A8	223,422
PM4669	2016-2021 BMW 5 Series	210,947
PM4681	2016-2019 Chevrolet Cruze, Volt, GMS Acadia	937,135
PM4691	2017-2020 Hyundai Ioniq, Kia Niro	428,665
PM4748	2019-2020 Mercedes Benz Sprinter	50,692
PM4844	2019-2021 BMW 3 & 4 Series	293,501
PM4871	2020-2021 Ford Explorer	282,637
PM4872	2016-2021 Chevrolet Malibu, Buick LaCrosse; Ford Bronco Mustang MACH-E	1,192,542
PM4890	1998-2005 Volkswagen Passat, Audi S4	157,862
PM4970	2017-2021 Chevrolet Traverse, Buick Enclave, Cadillac XT5	1,052,573
PM4979	2016-2020 Mercedes Benz C,E,GLC,GLK Class	911,406

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Continental Part Number	Applications	VIO (U.S.)
PM4987	2019-2021 Ford Ranger	213,252
PM4995	2016-2018 Cadillac CT6	29,549
PM5037	2004-2013 Volvo C30, C70, S40, V50	151,492
PM5137	2011-2020 Nissan Armada, Infiniti QX56, QX80	287,249
PM5149	2020-2022 Mitsubishi Eclipse, Eclipse Cross	117,321
PM5170	2016-2020 Chevrolet Equinox, Buick Envision, GMC Terrain	1,134,185
PM5175	2012-2019 Mercedes GL and ML Series	508,300
PM5188	2010-2019 Lexus CT200h Lexus CT200h; Toyota Mirai	114,690
PM5226	2016-2021 Lexus E, RX, UX; Toyota Highlander Camry Corolla Prius	4,223,479
PM5241	2019-2021 RAM Trucks	1,164,148
PM5250	2020-2021 Chevrolet Equinox GMC Terrain	594,259
PM6009	1994-2001 Cadillac Eldorado, Seville, DeVille	136,506
PM9316	2008-2021 Infiniti and Nissan Cars and SUVs	7,152,415
PM9351	2007-2021 Toyota Camry, Highlander Tundra, Lexus ES350, GS350	10,681,624
PM9355	2006-2019 Toyota Corolla, RAV4, Prius	4,077,943