

Thermal Systems

from Bosch

Engine Cooling Fans & Auxiliary Water Pumps

Bosch Thermal Systems protect your vehicle even in the harshest conditions.



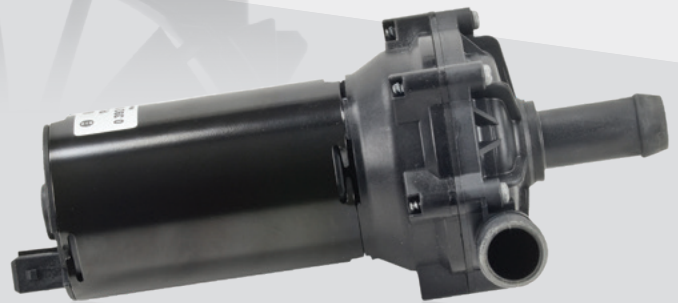
BOSCH
Invented for life



Engine Cooling Fans

- ▶ Provide sufficient flow at idle so your vehicle doesn't overheat while sitting in traffic
- ▶ Operate with minimal noise, preventing the heterodyning* effect common with less expensive competitor cooling fans
- ▶ Include balanced blades (unlike many competitor models), ensuring safe and durable performance
- ▶ Suppress static noise that can be noticeable through the radio
- ▶ Are built to operate at high temperatures and under high loads that are common in traffic and towing conditions

*A combination of two sound frequencies that result in an uncomfortable noise that can be heard by the occupants of a vehicle.

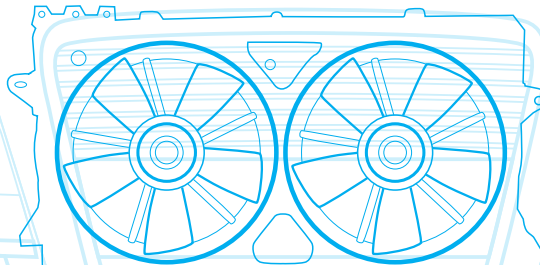
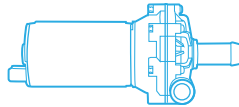


Auxiliary Water Pumps

- ▶ Turbo charger cooling
- ▶ Fuel cooling
- ▶ Transmission cooling
- ▶ Battery/E-Motor/Electronic module cooling for EV/Hybrid

Engine Cooling Fans

- ▶ Reliable air flow across the radiator, preventing the engine from overheating – even at low speeds
- ▶ Long service life
- ▶ Domestic and European applications
- ▶ Rigorous quality testing
- ▶ Low-noise operation
- ▶ Low-failure rate
- ▶ Protective functions integrated into the electric drive:
 - Automatic shutdown in case of any obstructions
 - Thermal fuse and reverse polarity protection



Auxiliary Water Pumps

- ▶ New and growing category for Bosch IAM
- ▶ New OEM quality
- ▶ Domestic and European applications
- ▶ Sealed pump chamber protecting the electrics
- ▶ Quality electro magnets and smart circuits ensure harmonized operation with the vehicle system
- ▶ Cabin heat control in EV/Hybrid vehicles
- ▶ Independent heating systems
- ▶ Heating circuit support in Start/Stop system

Part Number	Description	OE Cross Reference
0392020024	Auxiliary Water Pump	1999-2005 Volkswagen Beetle, 1997-1998 Volkswagen Golf, 1995-1997 Volkswagen Passat
0392020026	Auxiliary Water Pump	1998-2003 Mercedes-Benz CLK320, 1999-2002 Mercedes-Benz CLK430, 1994-1996 Mercedes-Benz C220, 1997-2000 Mercedes-Benz C230, 1994-2000 Mercedes-Benz C280, 1995-1997 Mercedes-Benz C36 AMG, 1996-1997 Mercedes-Benz E300, 1996-2003 Mercedes-Benz E320, 1998-2002 Mercedes-Benz E430, 1999-2002 Mercedes-Benz E55 AMG, 2009-2014 Mercedes-Benz G550, 1998-2004 Mercedes-Benz SLK230, 2002-2004 Mercedes-Benz SLK32 AMG, 2001-2004 Mercedes-Benz SLK320
0392020029	Auxiliary Water Pump	1997 Mercedes-Benz C230
0392020034	Auxiliary Water Pump	2000-2001 Cadillac Catera, 2004-2006 Chevrolet Silverado 1500, 2007 Chevrolet Silverado 1500 Classic, 2005-2006 GMC Sierra 1500, 2007 GMC Sierra 1500 Classic
0392020039	Auxiliary Water Pump	1998-2010 Volkswagen Beetle, 1999-2004 Volkswagen Golf
0392020073	Auxiliary Water Pump	2006-2007 Audi A3 Quattro, 2004-2006 Audi TT Quattro, 2004-2006 Porsche Cayenne, 2007-2008 Volkswagen Eos, 2004-2006 Volkswagen Phaeton, 2004-2010 Volkswagen Touareg
0392022002	Auxiliary Water Pump	2004-2006 Chevrolet Silverado 1500, 2007 Chevrolet Silverado 1500 Classic, 2000-2003 Ford F-150, 2004 Ford F-150 Heritage, 2003-2004 Ford Mustang, 2000-2002 Ford Ranger, 2005-2006 GMC Sierra 1500, 2007 GMC Sierra 1500 Classic, 2006-2016 Land Rover Range Rover, 2006-2013 Land Rover Range Rover Sport
0392022010	Auxiliary Water Pump	2006 Mercedes-Benz CLS55 AMG, 2003-2006 Mercedes-Benz CL55 AMG, 2003-2009 Mercedes-Benz E320, 2006-2009 Mercedes-Benz E350, 2003-2006 Mercedes-Benz E500, 2003-2006 Mercedes-Benz E55 AMG, 2007-2009 Mercedes-Benz E550, 2007-2009 Mercedes-Benz E63 AMG, 2016-2017 Mercedes-Benz GLE400, 2016 Mercedes-Benz GLE450 AMG, 2016-2018 Mercedes-Benz GLE550, 2005-2011 Mercedes-Benz G55 AMG, 2002-2004 Mercedes-Benz SLK32 AMG, 2005-2009 Mercedes-Benz SLR McLaren, 2003-2008 Mercedes-Benz SL55 AMG, 2004-2006 Mercedes-Benz SL600, 2003-2006 Mercedes-Benz S55 AMG, 2003-2013 Mercedes-Benz S600, 2006-2011 Mercedes-Benz S65 AMG

Part Number	Description	OE Cross Reference
0392023004	Auxillary Water Pump	2016-2019 Mercedes-Benz AMG GT S, 2006-2011 Mercedes-Benz B200, 2013-2019 Mercedes-Benz B250, 2014 Mercedes-Benz CLA250, 2014-2019 Mercedes-Benz CLA45 AMG, 2006 Mercedes-Benz CLS500, 2006 Mercedes-Benz CLS55 AMG, 2007-2011 Mercedes-Benz CLS550, 2007-2011 Mercedes-Benz CLS63 AMG, 2012-2015 Mercedes-Benz C250, 2017-2018 Mercedes-Benz C300, 2012-2014 Mercedes-Benz C350, 2016-2018 Mercedes-Benz C350e, 2015 Mercedes-Benz C400, 2016 Mercedes-Benz C450 AMG, 2008-2014, 2017-2019 Mercedes-Benz C63 AMG, 2017-2019 Mercedes-Benz C63 AMG S, 2003-2009 Mercedes-Benz E320, 2006-2014 Mercedes-Benz E350, 2015-2017 Mercedes-Benz E400, 2003-2006 Mercedes-Benz E500, 2003-2006 Mercedes-Benz E55 AMG, 2007-2013, 2017 Mercedes-Benz E550, 2007-2009 Mercedes-Benz E63 AMG, 2015-2019 Mercedes-Benz GLA250, 2015-2017 Mercedes-Benz GLA45 AMG, 2019 Mercedes-Benz GLC350e, 2013-2015 Mercedes-Benz GLK250, 2010-2015 Mercedes-Benz GLK350, 2007-2008 Mercedes-Benz GL320, 2007-2012 Mercedes-Benz GL450, 2008-2012 Mercedes-Benz GL550, 2016-2017 Mercedes-Benz Maybach S600, 2007-2009 Mercedes-Benz ML320, 2006-2015 Mercedes-Benz ML350, 2006-2007 Mercedes-Benz ML500, 2008-2011 Mercedes-Benz ML550, 2007-2011 Mercedes-Benz ML63 AMG, 2007-2009 Mercedes-Benz R320, 2006-2013 Mercedes-Benz R350, 2006-2007 Mercedes-Benz R500, 2008 Mercedes-Benz R550, 2007 Mercedes-Benz R63 AMG, 2017-2019 Mercedes-Benz SLC300, 2017-2019 Mercedes-Benz SLC43 AMG, 2012-2015 Mercedes-Benz SLK250, 2006-2008 Mercedes-Benz SLK280, 2009-2011, 2016 Mercedes-Benz SLK300, 2005-2016 Mercedes-Benz SLK350, 2005-2016 Mercedes-Benz SLK55 AMG, 2011-2015 Mercedes-Benz SLS AMG, 2015-2017 Mercedes-Benz S600, 2014-2017 Mercedes-Benz S63 AMG, 2015-2017 Mercedes-Benz S65 AMG
0392023014	Auxillary Water Pump	2010-2013 Cadillac Escalade, 2008-2010 Chevrolet Malibu, 2010-2013 Chevrolet Silverado 1500, 2010-2013 Chevrolet Tahoe, 2008-2012 Ford Escape, 2010-2012 Ford Fusion, 2008-2010 Ford F-250 Super Duty, 2008-2010 Ford F-350 Super Duty, 2008-2010 Ford F-450 Super Duty, 2008-2010 Ford F-550 Super Duty, 2010-2013 GMC Sierra 1500, 2010-2013 GMC Yukon, 2007-2015 Jaguar XK, 2000-2015 Jaguar XKR, 2012-2013 Jaguar XKR-S, 2003-2006 Jaguar XK8, 2011-2012 Lincoln MKZ, 2008-2011 Mercury Mariner, 2010-2011 Mercury Milan, 2007-2009 Saturn Aura, 2008-2009 Saturn Vue
0392023366	Auxillary Water Pump	2016-2017 Smart Fortwo
0392023455	Auxillary Water Pump	2015-2019 Volkswagen e-Golf
0392023456	Auxillary Water Pump	2016 Audi A3, 2015-2017 Volkswagen e-Golf
0392024115	Auxillary Water Pump	2014-2019 Mercedes-Benz CLA45 AMG, 2016-2018 Mercedes-Benz C350e, 2016 Mercedes-Benz C450 AMG, 2015-2019 Mercedes-Benz GLA250, 2015-2017 Mercedes-Benz GLA45 AMG, 2017-2019 Mercedes-Benz SLC300, 2017-2019 Mercedes-Benz SLC43 AMG, 2016 Mercedes-Benz SLK300
0130107077	Engine Cooling Fan Motor	1975-1979 Audi Fox, 1980 Audi 4000, 1984 Audi 4000 Quattro, 1978-1980 Audi 5000, 1976-1980 Volkswagen Dasher, 1981-1984 Volkswagen Jetta, 1982-1984 Volkswagen Quantum, 1977-1984 Volkswagen Rabbit, 1981-1984 Volkswagen Rabbit Convertible, 1980-1983 Volkswagen Rabbit Pickup, 1977-1981, 1983-1984 Volkswagen Scirocco
0130303303	Engine Cooling Fan Motor	2008 Saturn Astra with Standard Transmission
0130303314	Engine Cooling Fan Motor	2008 Saturn Astra with Automatic Transmission
0130303352	Engine Cooling Fan Motor	2007-2015 Audi Q7, 2003-2006, 2008-2010 Porsche Cayenne, 2005-2006, 2008, 2010 Volkswagen Touareg
0130304214	Engine Cooling Fan Motor	1989-1994 Porsche 911
0130308116	Engine Cooling Fan Motor	2016 Buick Cascada, 2014-2016 Buick Verano, 2011-2015 Chevrolet Cruze, 2016 Chevrolet Cruze Limited
0130308117	Engine Cooling Fan Motor	2012-2015 Chevrolet Cruze, 2016 Chevrolet Cruze Limited
0130706816	Engine Cooling Fan Motor	2004 Audi Allroad Quattro
0986338108	Engine Cooling Fan Motor	1997-1999 Audi A8, 1997-1999 Audi A8 Quattro
3137230306	Engine Cooling Fan Motor	2014-2016 Hyundai Elantra, 2014 Hyundai Elantra Coupe, 2015-2017 Hyundai Elantra GT
3137230307	Engine Cooling Fan Motor	2012-2013 Hyundai Elantra, 2013 Hyundai Elantra Coupe, 2013 Hyundai Elantra GT, 2014 Kia Forte, 2014 Kia Forte Koup, 2014 Kia Forte5, 2012-2016 Kia Soul
3137230308	Engine Cooling Fan Motor	2006-2007 Hyundai Santa Fe
F00HX6G001	Engine Cooling Fan Motor	2010-2014 Ford Expedition, 2010-2014 Ford F-150, 2010-2013 Lincoln Navigator
F00HX6G004	Engine Cooling Fan Motor	2015-2017 Ford F-150
0130308537	Engine Cooling Fan Motor	2013-2019 Mercedes-Benz B250, 2014-2019 Mercedes-Benz CLA250, 2015-2019 Mercedes-Benz GLA250, 2013-2015 Mercedes-Benz SLK250
0130707499	Engine Cooling Fan Motor	2015 Mercedes-Benz C400
0130707516	Engine Cooling Fan Motor	2017-2018 Mercedes-Benz E300, 2017-2018 Mercedes-Benz E400, 2017-2018 Mercedes-Benz E43 AMG, 2016-2018 Mercedes-Benz GLC300, 2017-2019 Mercedes-Benz GLC43 AMG
0986338032	Engine Cooling Fan Motor	2003-2009 Volvo S60, 1999-2006 Volvo S80, 2003-2007 Volvo V70
0986338053	Engine Cooling Fan Motor	2006-2008 Mercedes-Benz SLK280, 2009-2011 Mercedes-Benz SLK300, 2005-2011 Mercedes-Benz SLK350
0986338107	Engine Cooling Fan Motor	2008-2015 Smart Fortwo



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