

High Pressure Pumps, Ignition Coils, & Mass Air Flow Sensors



BOSCH
Invented for life

New Product Communication | March 2020

Automotive Aftermarket North America



Bosch GDI High Pressure Pump

1 Part Number **2.2M** Vehicles in Operation

- ▶ Integrated pressure limiter valve
- ▶ Compact, light-weight design
- ▶ Integrated pressure damper capable of variable feed pressure



Bosch Ignition Coils

3 Part Numbers **2M** Vehicles in Operation

- ▶ Bosch Original Equipment ignition coils are known Industry-wide for reliability and performance
- ▶ Precise, corrosion-resistant connections lead to a long service life
- ▶ Efficiently supplies spark plug electrodes leading to superior cold-start performance
- ▶ Superior temperature and vibration resistance



Bosch Mass Air Flow Sensor

1 Part Number **411** Vehicles in Operation

- ▶ OE technology ensures correct function and calibration for trouble-free operation and emissions compliance
- ▶ The Bosch patented design increases robustness against water and is unharmed by dirt and contamination
- ▶ Guaranteed to meet vehicle requirements for performance, drivability, fuel economy, and emissions

Product Category Overview

Bosch has added one gasoline direct injected(GDI) high pressure pump, three ignition coils, and one mass air flow(MAF) sensor to its portfolio. These parts add coverage for more than four million vehicles in operation during the month of March. The new replacement parts offer coverage for Domestic and European vehicles.

Bosch GDI High Pressure Pump

The high-pressure pump is responsible for compressing the fuel supplied by the electric fuel pump to the pressure required for high-pressure injection up to 20 MPa (200 bar).

Bosch Ignition Coil

All Bosch ignition coils are built to achieve or exceed OE specifications and are known industry-wide for reliability and performance. Bosch ignition coils convert low voltage into high ignition system voltage, creating an electric spark sent to the spark plugs which ignites the fuel.

Bosch Mass Air Flow Sensor

Bosch is an original equipment global leader in mass air flow technology. Bosch Mass Air Flow (MAF) sensors ensure low levels of harmful emissions with greater fuel efficiency and improved engine performance.

Paul D'Cruz

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Bosch GDI High Pressure Pump – March 2020

Bosch Part Number	Catalog	Part Description	Pop Code	Application	VIO (US)	VIO (CAN)	Availability
66813	Fuel Pump	GDI High Pressure Pump	W	2009-2017 Buick Enclave; 2010-2011 Buick LaCrosse; 2008-2011 Cadillac CTS; 2008-2011 Cadillac STS; 2010-2011 Chevrolet Camaro; 2009-2017 Chevrolet Traverse; 2009-2016 GMC Acadia; 2017 GMC Acadia Limited; 2009-2010 Saturn Outlook	2,277,979	61,957	Now*

Bosch Ignition Coils – March 2020

Bosch Part Number	Catalog	Part Description	Pop Code	Application	VIO (US)	VIO (CAN)	Availability
0221503800	Ignition Coil	Ignition Coil	A	2013-2019 Buick Encore; 2011-2015 Chevrolet Cruze; 2016 Chevrolet Cruze Limited; 2012-2019 Chevrolet Sonic; 2013- 2019 Chevrolet Trax; 2011-2015 Chevrolet Volt	1,785,956	222,331	Now*
0221504709	Ignition Coil	Ignition Coil	D	2013-2016 Dodge Dart; 2012-2017 Fiat 500	9,682	1,356	Now*
0221504711	Ignition Coil	Ignition Coil	D	2018 Fiat 500; 2014-2018 Fiat 500L; 2016-2018 Fiat 500X; 2015-2018 Jeep Renegade	1,272	179	Now*

Bosch Bosch Mass Air Flow Sensor – March 2020

Bosch Part Number	Catalog	Part Description	Pop Code	Application	VIO (US)	VIO (CAN)	Availability
0280218396	MAF Sensor	MAF Sensor	D	2018-2019 Land Rover Discovery Sport; 2018-2019 Land Rover Range Rover Evoque; 2018-2019 Land Rover Range Rover Velar	360	51	Now*

*Based on current stock availability



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