



Training

Chevrolet Cruze Engine and Electronics Diagnostics

The Chevrolet Cruze was introduced to the North American market in July 2010 as a 2011 model replacing the Chevrolet Cobalt. The Cruze was offered with 2 engine options, a normally aspirated 1.8 Litre or a turbocharged 1.4 Litre 4 cylinder. Starting in early 2013 the Cruze became the first GM passenger car in the US in 28 years to be equipped with a diesel engine. The optional 2.0 Litre Multijet diesel engine produces 148 HP and 258 lb/ft of torque. In this class we will look at the engine control systems for the three engines. These engines have some common features but also have some of their own unique features. For example all 3 engines use a cast iron block and aluminum cylinder heads. They all use a variable displacement oil pump. But two of the engines use a turbo charger and 2 of them use variable valve timing while only one uses a two stage variable displacement oil pump. We will look at the different controls for each of these engines as well as some electrical systems on the vehicle.

COURSE OUTLINE

- 1.4L - 1.8L
 - Fuel System
 - Air Induction
 - Cam Actuator
 - Ignition System
- 2.0L Diesel
 - Turbo Charger
 - Fuel System
 - EGR System
- Electrical System Operation
- Exhaust Aftertreatment System
- T.S.B.s
- Miscellaneous

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Cleveland Area

Date: Monday May 22nd 2017

Time: Dinner: 5-6PM Class: 6-9PM

Location: Car Parts Warehouse Warrensville
18525 Miles Road Warrensville Hts.

Cost: FREE to first 30 customers to register

Akron Area

Date: Tuesday May 23rd 2017

Time: Dinner: 5-6PM Class: 6-9PM

Location: Car Parts Warehouse Copley
2799 Copley Road Copley Ohio

Cost: FREE to first 30 customers to register

REGISTER ONLINE @ www.carpartmentwarehouse.net