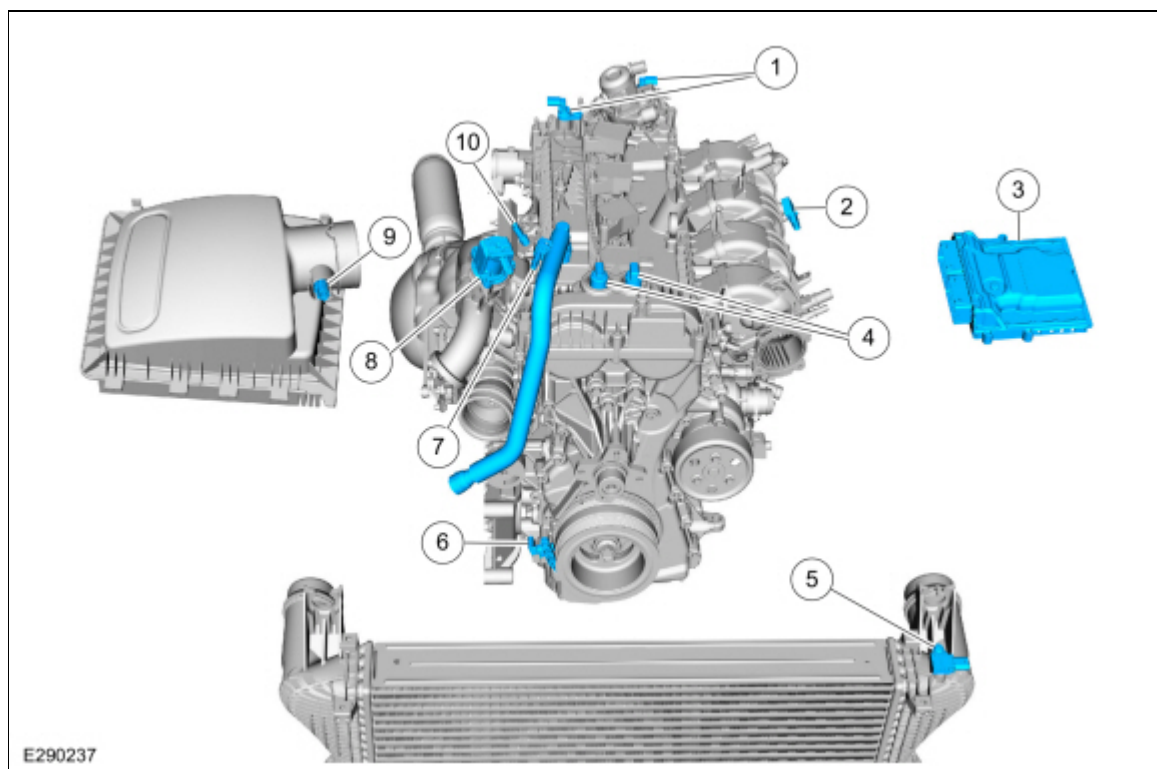


303-14 Electronic Engine Controls - 2.3L EcoBoost (201kW/273PS)
Description and Operation

2019 Ranger
Procedure revision date: 10/30/2018

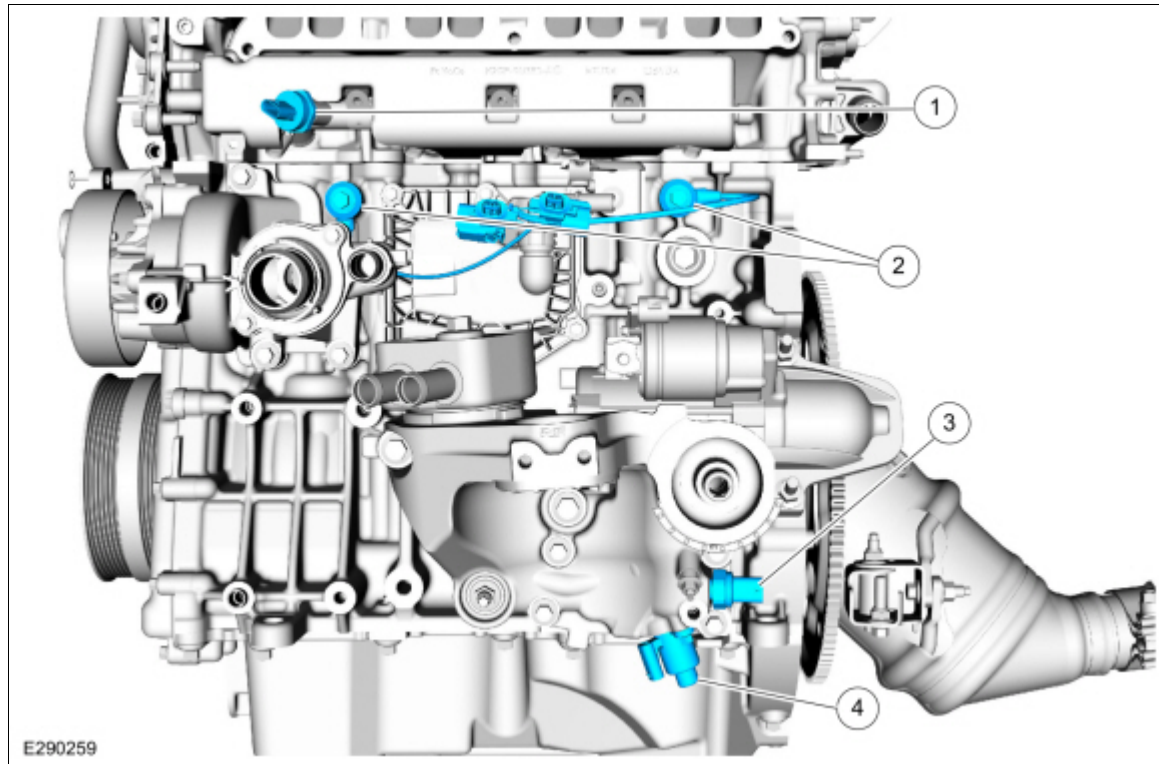
Electronic Engine Controls - Component Location

Electronic Engine Controls- Front



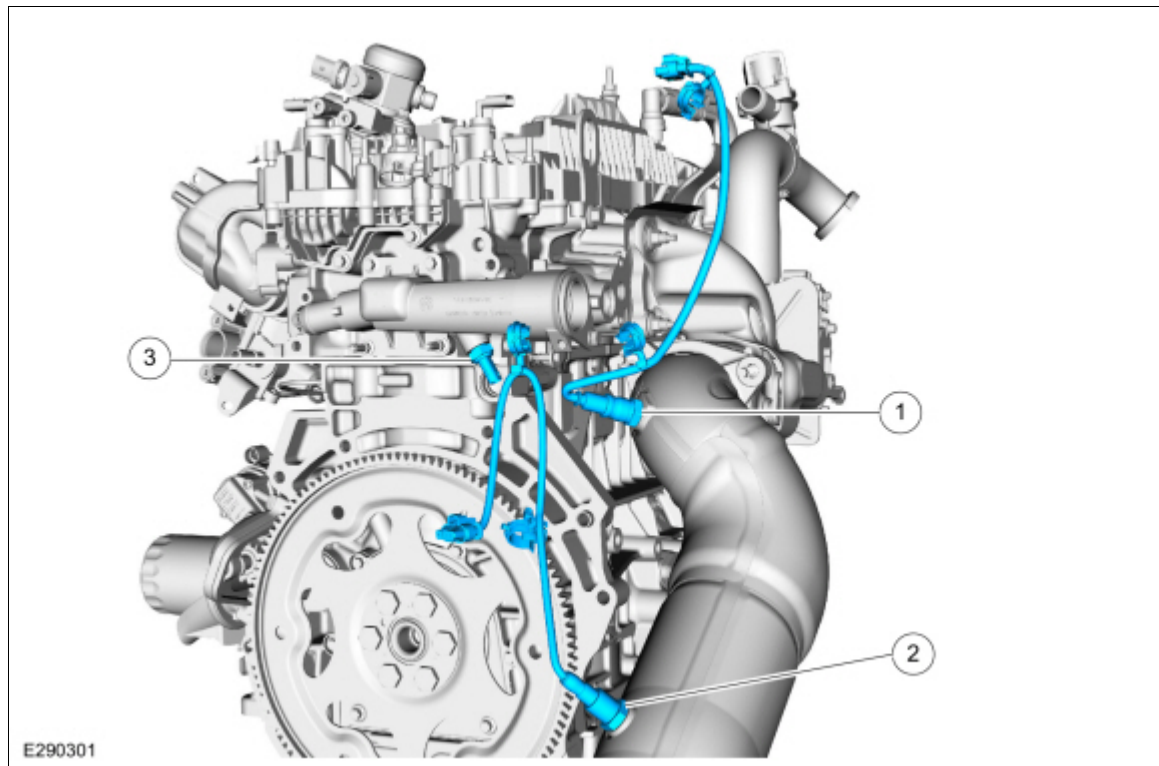
Item	Description
1	<u>CMP</u> sensors
2	<u>MAPT</u> sensor
3	<u>PCM</u>
4	Variable Camshaft Timing <u>VCT</u> Oil Control Solenoids
5	Turbocharger Boost Pressure Sensor
6	<u>CKP</u> sensor
7	Crankcase pressure sensor
8	Turbocharger Bypass Valve
9	<u>IAT</u> sensor
10	Cylinder Head Temperature 2 (CHT2) sensor

Electronic Engine Controls - LH side



Item	Description
1	<u>FRP</u> sensor
2	<u>KS</u> sensors
3	<u>EOP</u> sensor
4	Oil Pressure Control Solenoid

Electronic engine Controls - Rear of engine



Item	Description
1	<u>HO2S</u> (HO2S) sensor
2	Catalyst Monitor sensor
3	<u>ECT</u> sensor

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