



**20-7046**

23 June 2020

# GENERAL SERVICE BULLETIN

## Ignition Coil Driver Tests - 2 And 3 Wire Coils

**Model:**

<b>Ford</b>
2013-2018 C-MAX
2012 Crown Victoria
2018-2020 EcoSport
2012-2020 Edge
2013-2019 Escape
2012-2019 E-Series
2012-2020 Expedition
2012-2020 Explorer
2012-2020 F-150
2012-2020 F-Super Duty
2012-2013 F-650/F-750
2015-2019 F-650/F-750
2012-2020 F-53 Motorhome Chassis / F-59 Commercial Stripped Chassis
2012-2019 Fiesta
2012-2019 Flex
2012-2018 Focus
2015-2018 Focus RS
2013-2020 Fusion
2012-2020 Mustang
2012-2019 Police Interceptor Sedan
2012-2020 Police Interceptor Utility
2019-2020 Ranger
2012-2019 Taurus
2014-2020 Transit
2012-2020 Transit Connect
<b>Lincoln</b>

2020 Aviator
2017-2020 Continental
2020 Corsair
2015-2019 MKC
2012-2016 MKS
2012-2019 MKT
2012-2018 MKX
2012-2020 MKZ
2019-2020 Nautilus
2012-2020 Navigator

### Summary

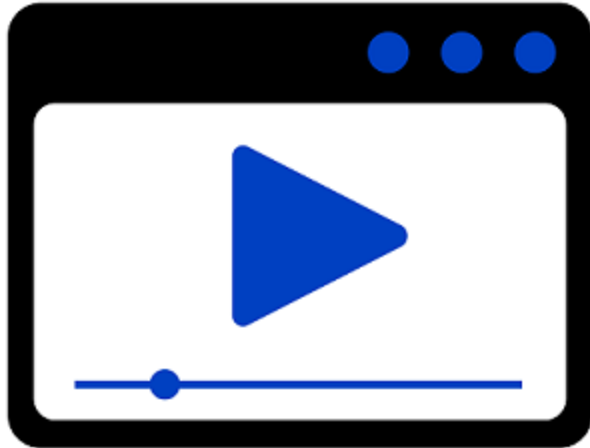
This article supersedes GSB G0000080 and G0000081 to combine the Service Information and update the vehicle model years affected.

The following videos in this document can be utilized as a tutorial whenever the diagnostic tests in the Workshop Manual (WSM) or Powertrain Control/Emissions Diagnosis (PC/ED) Manual recommend completing the powertrain control module (PCM) ignition coil driver test or the driver on coil ignition test.

### Service Information

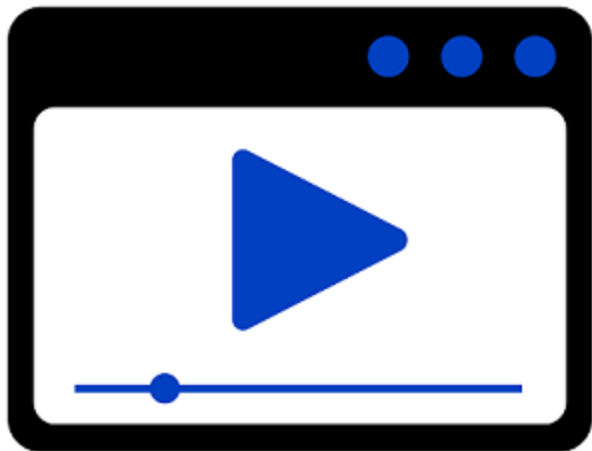
This video describes the steps required for completing the PCM ignition coil driver test for vehicles with 2-wire ignition coils using the IDS.

#### 2-wire



This video describes the steps required for completing the ignition test for 3-wire driver on coil ignition systems.

#### 3-wire



These tests can also be performed using the VCMM and VMS software. To access these tests open the VMS software, select Oscilloscope, then select Preconfigured Tests from the taskbar at the top of the screen. The Driver On Coil Test should be used for 3-wire coils and the PCM Ignition Coil Driver Test used for 2-wire coils. Reference waveforms for each test can be found below the Configure Channel menu on the right side of the screen.

**NOTE: These reference waveforms can only be viewed once the probes have been connected to the VCMM.**

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NOTE: This information is not intended to replace or supersede any warranty, parts and service policy, workshop manual (WSM) procedures or technical training or wiring diagram information.