



TECHNICAL SERVICE BULLETIN

5.0L - Engine Knock Type Noise At Idle

20-
2023

30 January
2020

This bulletin supersedes 19-2144. Reason for update: Concern Carryover to New Model

Model:

Ford 2018-2020 F-150	Engine: 5.0L
2018-2020 Mustang	Engine: 5.0L

Summary

This article supersedes TSB 19-2144 to update the model years affected.

Issue: Some 2018-2020 F-150 and Mustang vehicles equipped with a 5.0L engine may exhibit a light to moderate knocking type noise at idle (600-700 RPM) that is sometimes described as a quiet diesel type sound. The noise is usually more prominent on the passenger side of the vehicle toward the rear of the engine. As the engine comes up to operating temperature, the noise level increases slightly. This noise is not detrimental to engine function and has no short or long term effects on engine durability. This an operating characteristic of the 5.0L engine and no repairs should be attempted.

Action: Refer to the Service Information for vehicles that meet the following criteria:

- 2018-2020 F-150 or Mustang
- 5.0L engine
- Light or moderate knocking type noise at idle

Warranty Status: Information Only – Not Warrantable.

Repair/Claim Coding

Causal Part:	IN
Condition Code:	42

Service Information

The videos provided are an example of a normally operating vehicle. The intensity of the knocking type noise may vary from vehicle to vehicle.

[Right side hot idle](#)

[Right side hot restart](#)

[Left side hot idle](#)

[Left side hot restart](#)

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