



TECHNICAL SERVICE BULLETIN

2.7L EcoBoost - Excessive White Or Blue Smoke From The Exhaust At Start Up After A Cold Soak

**20-
2207**
22 June
2020

Model:

Ford 2018-2020 F-150	Engine: 2.7L EcoBoost
--------------------------------	-----------------------

Issue: Some 2018-2020 F-150 vehicles equipped with a 2.7L EcoBoost engine may exhibit excessive white or blue smoke from the exhaust at start up after a cold soak. This may be due to oil entering the left side turbocharger turbine housing. To correct the condition, follow the Service Procedure steps to replace the left side turbocharger oil supply tube with a revised part.

Action: Follow the Service Procedure steps to correct the condition on vehicles that meet all of the following criteria:

- 2018-2020 F-150
- 2.7L EcoBoost engine
- Customer concern of excessive white or blue smoke from the exhaust at start up after a cold soak

NOTE: Part quantity refers to the number of that service part number required, which may be different than the number of individual pieces. Service part numbers contain 1 piece unless otherwise stated. "As Needed" indicates the part is required but the number may vary or is not a whole number; parts can be billed out as non-whole numbers, including less than 1.

Parts

Part Number	Description	Quantity
JU7Z-9T516-A	Left Turbo Oil Supply Tube	1
JT4Z-9E464-C	EGR Tube Gasket	1
JT4Z-9E933-A	EGR Tube Gasket	1

Warranty Status: Eligible under provisions of New Vehicle Limited Warranty (NVLW)/Service Part Warranty (SPW)/Special Service Part (SSP)/Extended Service Plan (ESP) coverage. Limits/policies/prior approvals are not altered by a TSB. NVLW/SPW/SSP/ESP coverage limits are determined by the identified causal part and verified using the OASIS part coverage tool.

Labor Times

Description	Operation No.	Time
2018-2020 F-150 2.7L EcoBoost: Replace The Left Side Turbocharger Oil Supply Tube (Do Not Use With Any Other Labor Operations)	202207A	1.2 Hrs.

Repair/Claim Coding

Causal Part:	9T516
Condition Code:	42

Service Procedure

1. Does the customer concern include oil consumption, drivability symptoms, or any other concern along with smoke from the exhaust?

(1). Yes - this article does not apply. Refer to the Powertrain Control/Emissions Diagnostic (PC/ED) Manual for normal diagnosis.

(2). No - proceed to Step 2.

2. Replace the left side turbocharger oil supply tube. Refer to Workshop Manual (WSM), Section 303-04F.

© 2020 Ford Motor Company

All rights reserved.

NOTE: The information in Technical Service Bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by "do-it-yourselfers". Do not assume that a condition described affects your car or truck. Contact a Ford or Lincoln dealership to determine whether the Bulletin applies to your vehicle. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supersede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.