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Ford 7.3L Power Stroke Exhaust Manifolds

1041471	Driver Side Exhaust Manifold kit 99-03
1041472	Passenger Side Exhaust Manifold Kit 94-03
1041473	Full Exhaust Manifold Kit 99-03

Kit Contents

1041471 Kit Contents		
1401471	1401470	FK-1041473
		
Driver Side Manifold Qty:1	Gasket; Manifold Ford 7.3 Qty:1	Hardware Kit Qty:1

1041472 Kit Contents		
1401472	1401470	FK-1041473
		
Passenger Side Manifold Qty:1	Gasket; Manifold Ford 7.3 Qty:1	Hardware Kit Qty:1

1041473 Kit Contents			
1401471	1401472	1401470	FK-1041473
			
Driver Side Manifold	Passenger Side Manifold	Gasket; Manifold Ford 7.3	Hardware Kit
Qty: 1	Qty: 1	Qty: 2	Qty: 2

FK-1041473 Kit Contents			
FT-11116075	1900014	1900013	1200208
			
Bolt; M10-1.5x60 Flanged	Nut; M8-1.25 Flanged	Bolt; M8-1.25x60 Flanged	NPT Plug
Qty: 8	Qty: 2	Qty: 2	Qty: 1

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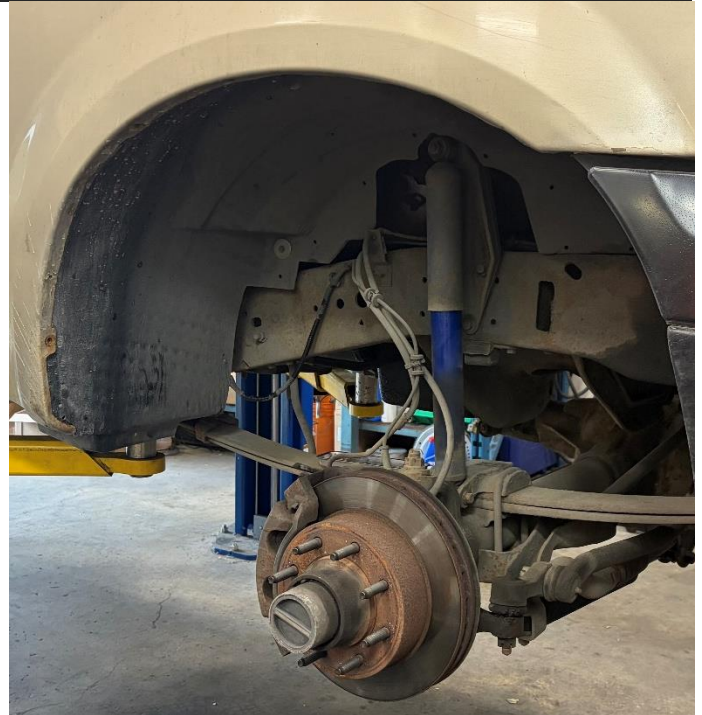
Introduction

BD Diesel's exhaust manifolds for the Ford 7.3L Power Stroke engine are a direct replacement for the OEM Ford manifold. BD Diesel's manifolds are designed with thicker walls to reduce the risk of warping and cracking. Additionally, these manifolds are redesigned to have moderately increased flow.

General Removal

Disconnect both vehicle batteries before installation for safety.

Remove the passenger and driver side front wheel and remove the respective plastic fender liners



Remove passenger and driver side strut.



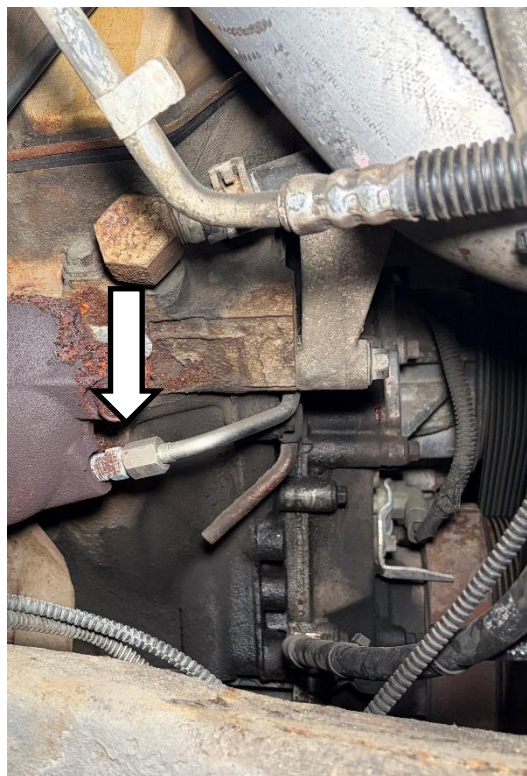
Remove passenger and driver shock absorber mounting bracket



Passenger Side Manifold Removal

Disconnect exhaust back pressure tube fitting from passenger side manifold.

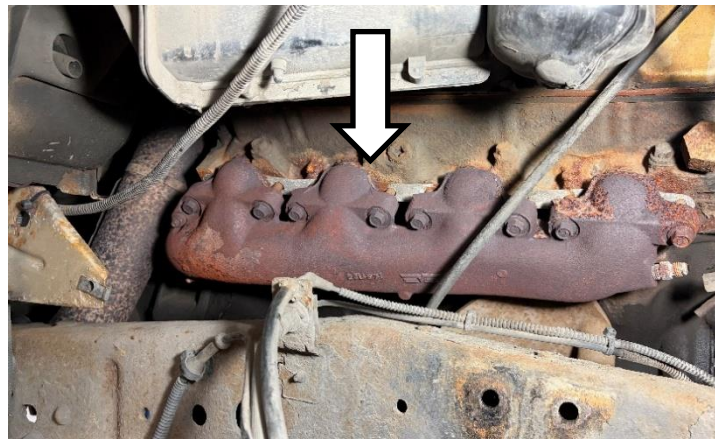
Note: These fittings are often corroded, use penetrating oil and a flare nut wrench to reduce the risk of damaging the fitting.



Remove the 2 bolts for the passenger side up-pipe.



Remove the 8 mounting bolts and the passenger side exhaust manifold.



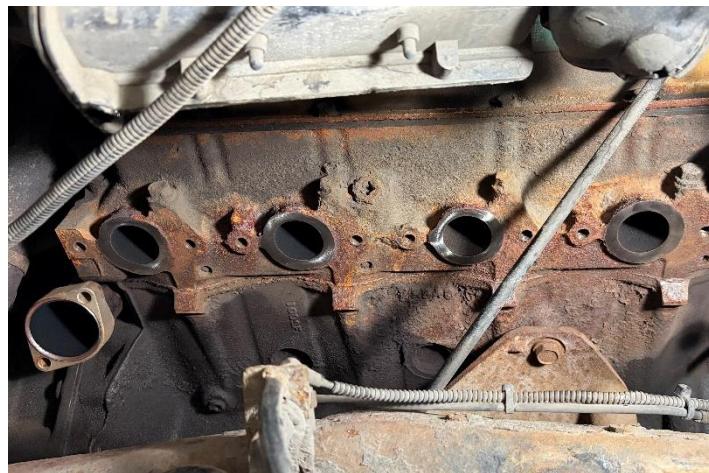
Passenger side Manifold Installation

Remove the exhaust pressure fitting from your old manifold and reinstall it into the new BD manifold.

Note: These fittings are often corroded, use penetrating oil and a flare nut wrench to reduce the risk of damaging the fitting during removal.



Clean and inspect head surface. Ensure the mating surface around each exhaust port is free of debris to ensure a tight seal.



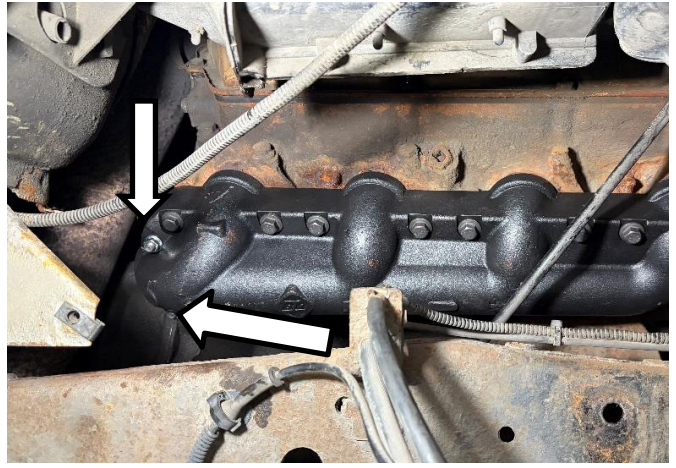
Using one of the newly supplied mounting bolts, align the gasket to the manifold and begin reinstallation.



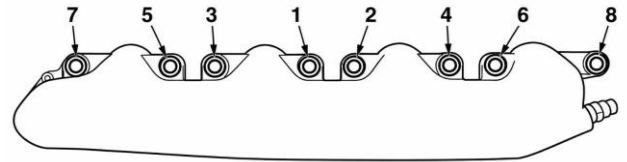
Install the remaining M10 mounting bolts. Do not tighten the bolts fully as it can make reinstallation of the up-pipe harder.



Reinstall the up-pipe to the manifold with the supplied bolts. Tighten bolts **evenly** to ensure a proper seal



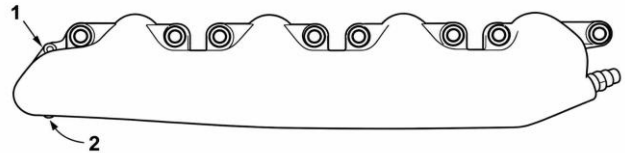
Torque mounting bolts starting from the middle outwards evenly.



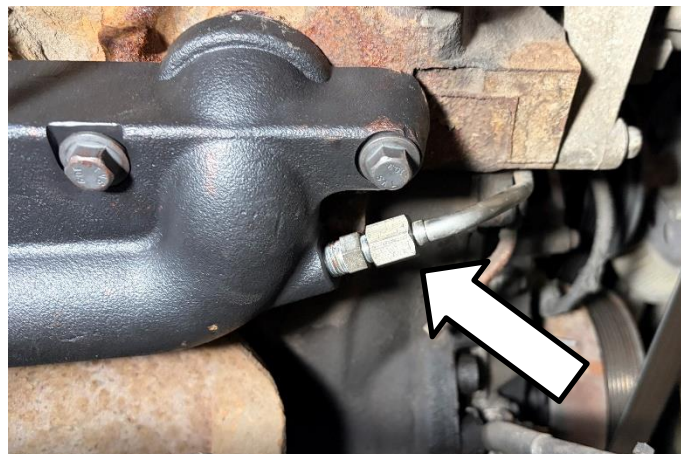
Torque Spec: 45 lb-ft (61Nm)

Torque up-pipe bolts.

Torque Spec: 18 lb-ft (24 Nm)



Connect and tighten the exhaust pressure tube to the passenger's side exhaust manifold.

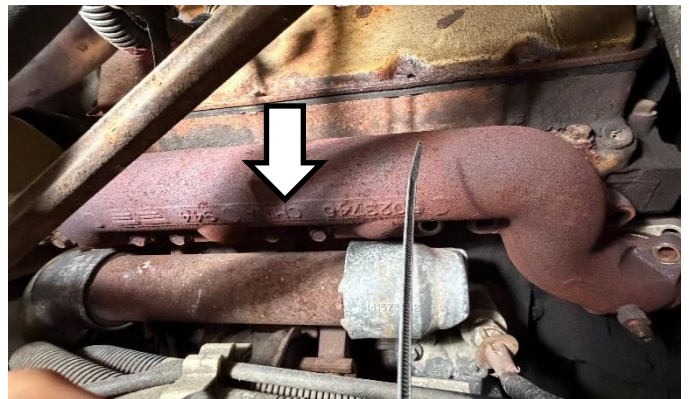


Driver Side Manifold Removal

Remove the bolts for the driver side up-pipe.



Remove remaining 8-manifold mounting bolts and remove manifold from truck



Clean and inspect head surface. Ensure the mating surface around each exhaust port is free of debris to ensure a tight seal.



Driver side Manifold Installation

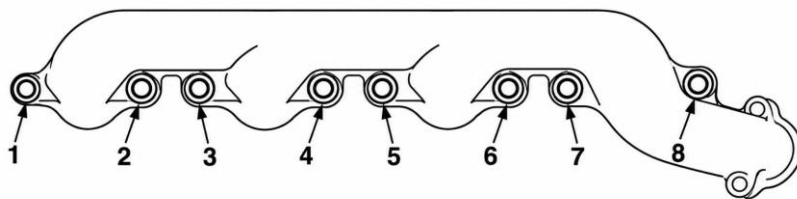
If your vehicle does not use an aftermarket EGT sensor, install the provided NPT plug into the tapped hole on the driver manifold.



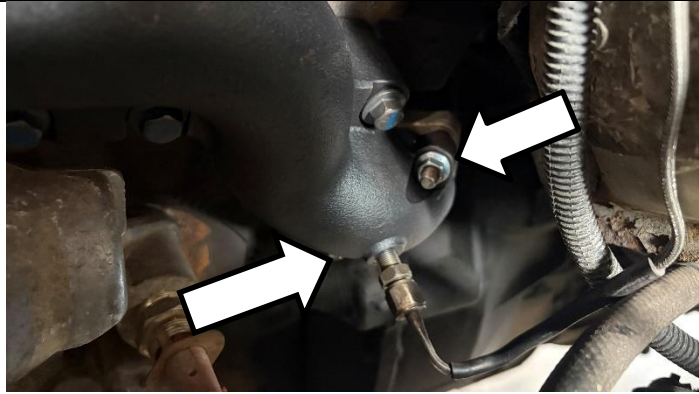
Using one of the newly supplied mounting bolts, align the gasket to the manifold and begin reinstallation into vehicle.



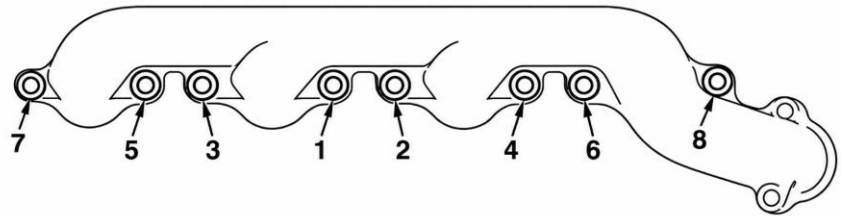
Install the remaining M10 mounting bolts. Do not tighten the bolts fully as it can make reinstallation of the up-pipe harder.



Reinstall the up-pipe to the manifold with supplied bolts. Tighten bolts **evenly** to ensure a proper seal



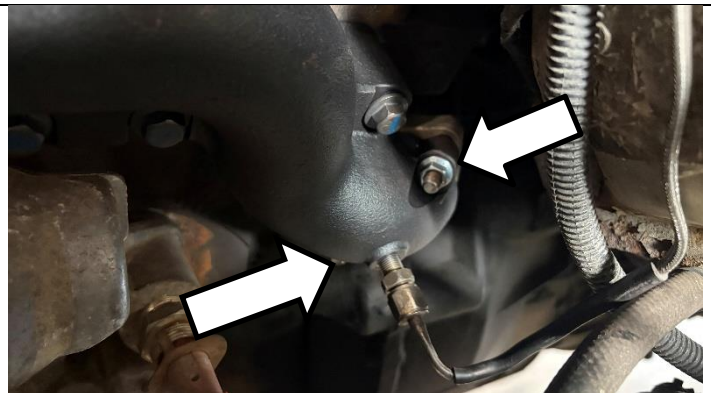
Torque mounting bolts starting from the middle outwards evenly.



Torque Spec: 45 lb-ft (61Nm)

Torque up-pipe bolts.

Torque Spec: 18 lb-ft (24 Nm)



General Reassembly

Reconnect batteries, start truck, and check for exhaust leaks

Reinstall passenger and driver shock absorber mounting bracket.

Torque to 76 lb-ft (103 Nm)



Reinstall passenger and driver fender liners.



Reinstall passenger and driver shock absorber.

Torque to 76 lb-ft (103 Nm)



Reinstall wheels to complete installation.