DOWNLOAD ENHANCED INSTALL MANUALS AT



ATTENTION
You must prelube the turbocharger before installation. Failure to do so will void the warranty.

FORD 7.3L TURBO THRUSTER

1999.5-2003 Ford Powerstroke F250-350

Part# 1047511

Fits build date 03/22/99 and later. See decal on driver's door pillar for build date

PLEASE READ ALL INSTRUCTIONS BEFORE INSTALLATION

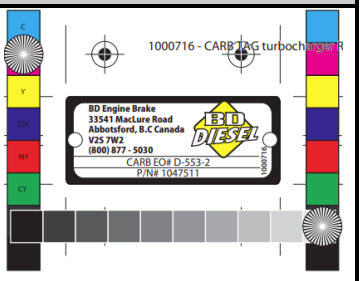
UNLESS AN EO# IS LISTED, THIS PRODUCT IS LEGAL IN CALIFORNIA FOR RACING VEHICLES ONLY, WHICH MAY NEVER BE USED UPON A HIGHWAY.

KIT CONTENTS:

Please check to make sure that you have all the parts listed in this kit before you start the disassembly of your truck.

THIS 1047511 IS CARB APPROVED
CARB EO# D-553-2

FORD 1995.5-2003 7.3L TURBO KIT (BD# 1047511)			
1407506	**1407018**	**1407017**	**1407026**
			
7.3L Turbo Thruster	*Inlet Clamp*	*GTP38 Inlet Hose*	*Bolts, 12 Point*
Qty: 1	**Qty: 1**	**Qty: 1**	**Qty: 7**

1407343	1407344	1407519	1000716
			
Inlet Oring	***Oil Out Oring***	***Outlet Oring***	***STICKER; CARB EO D-553-2***
Qty: 2	**Qty: 2**	**Qty: 1**	**Qty: 1**

Pre-Installation Notes

A turbocharger is driven solely on exhaust energy. Therefore, if the vehicles current exhaust manifold is cracked or is leaking, it is recommended that the exhaust manifolds are checked by a reputable machine shop.
Installation should occur on a cold vehicle, as turbo and exhaust components become very hot with use.

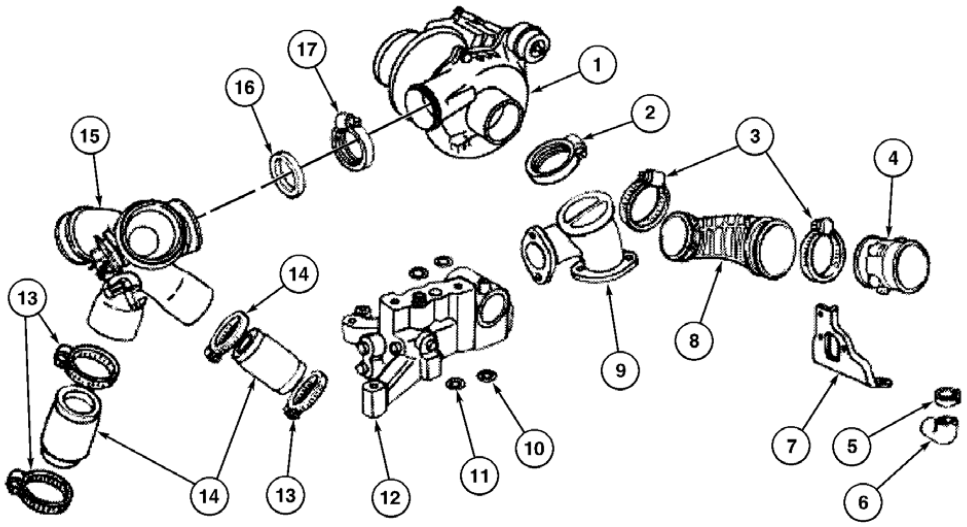
To prelube the turbocharger, squirt some oil into the oil feed inlet. Rotate the compressor or turbine wheel to ensure the oil coats all around the bearing and shaft. Once complete the turbo is ready to be installed.

Upgrade Options

Description	**Part #**
BD X2 Digital Gauge Monitor	1080500
BD Cool Down Timer	1081160
ARP Head Studs	250-4201 (1999-2003 Only)
Charge Air Cooler	1042700
Stainless Exhaust Kit	1049701D (1999-2003 Only)

BATTERY DISCONNECT

Disconnect the negative terminals on both of the vehicle's batteries, and then disconnect the positive terminals.

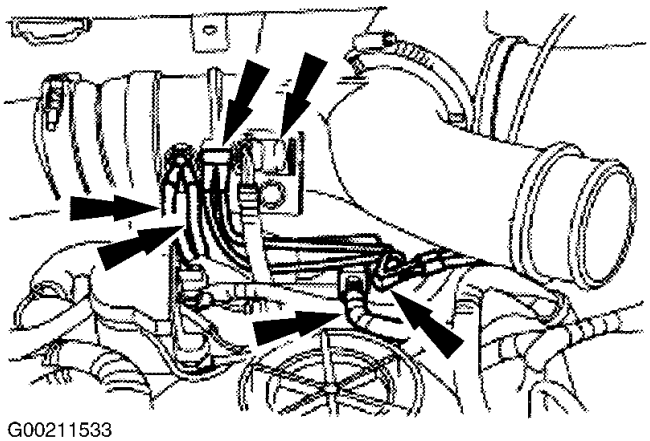


REMOVAL

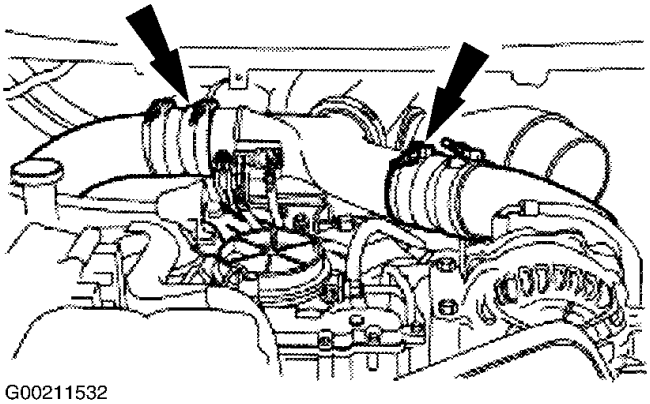
1. Remove the engine cover located near fuel filter/water separator. Disconnect the charge air cooler inlet and outlet pipes.

   Label and disconnect the intake air heater element electrical leads, Intake Air Temperature (IAT) sensor electrical connector, Manifold Absolute Pressure (MAP) sensor electrical connector and the pressure hoses.

   Loosen CAC to manifold clamps and disconnect CAC pipes.

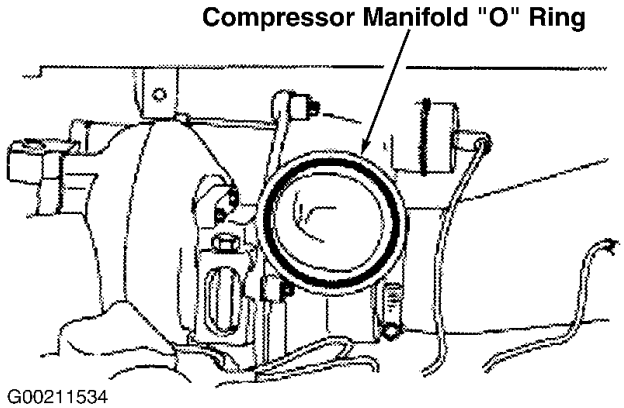


G00211533



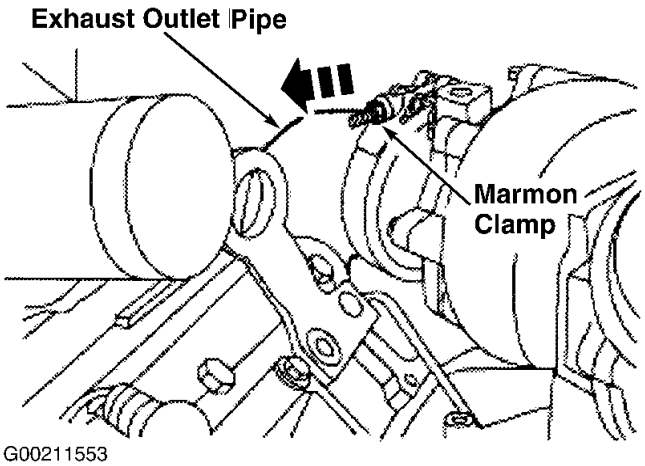
G00211532

2. Loosen the compressor manifold clamps and remove the compressor manifold. Remove and discard the compressor manifold "O" ring seal.



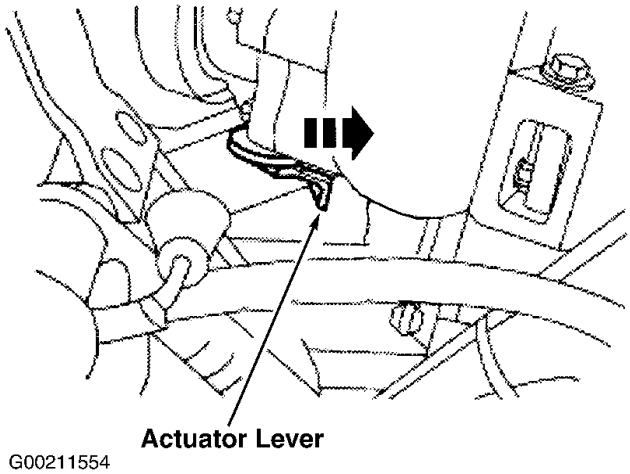
G00211534

3. Loosen the exhaust outlet pipe Marmon clamp and disconnect the exhaust outlet pipe from turbocharger.



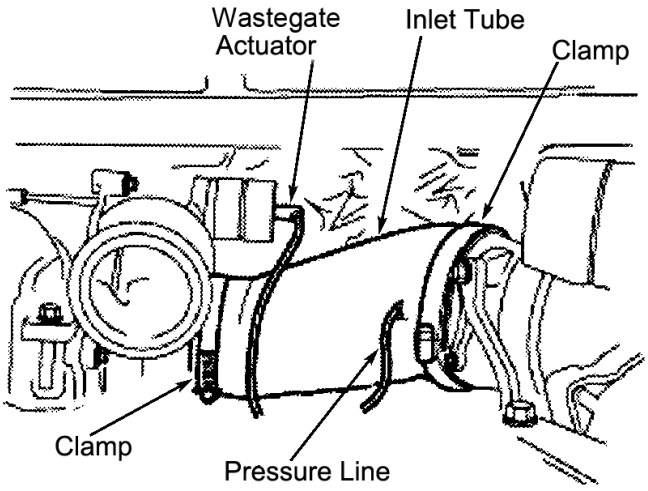
G00211553

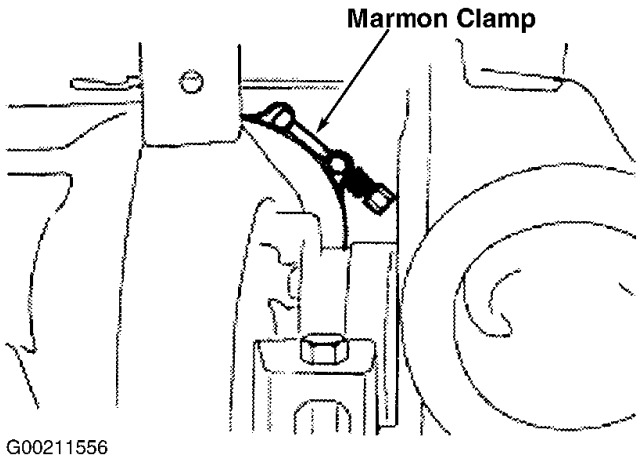
4. On vehicles with exhaust back pressure system, disconnect the exhaust back pressure valve by sliding the retaining clip away from the exhaust back pressure valve actuator lever. Detach the exhaust back pressure valve actuator rod.



G00211554

5. On all vehicles, label and disconnect the wastegate actuator vacuum and the pressure lines. Loosen the air inlet tube clamps and remove the air inlet tube.

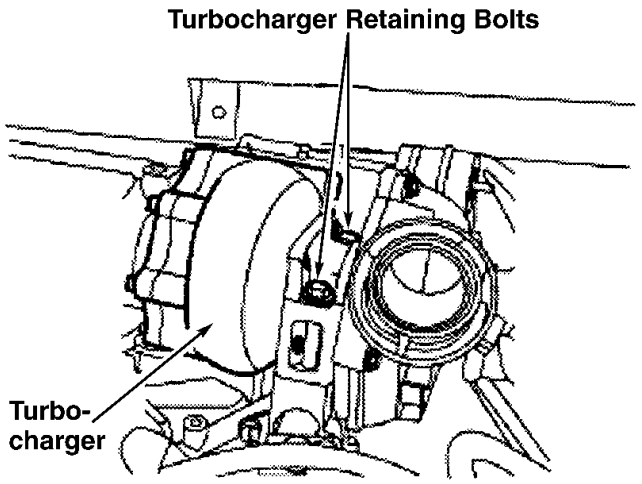




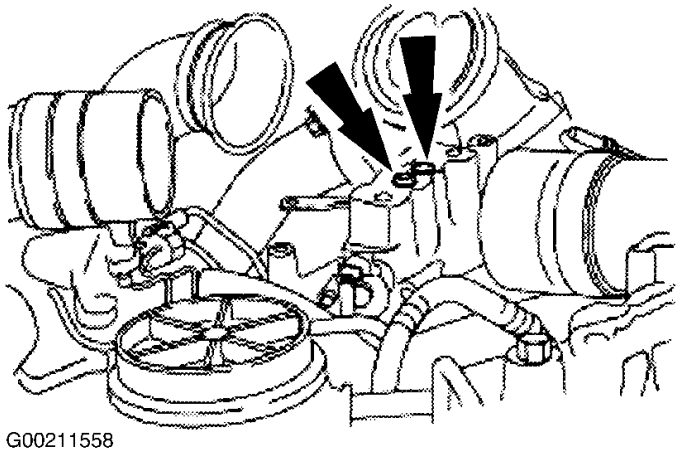
G00211556

6. Exhaust inlet Marmon clamp is located behind turbocharger. Loosen the Marmon clamp. Remove the turbocharger retaining bolts and remove the turbocharger. Remove and discard the "O" ring seals.

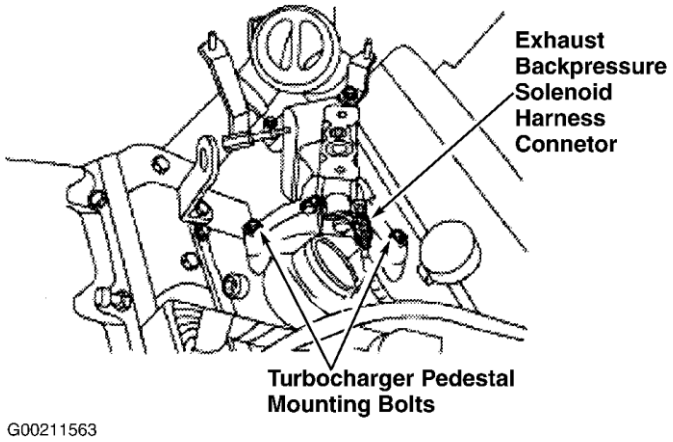
NOTE: The exhaust inlet Marmon clamp cannot be removed with the turbocharger installed.



G00211557


G00211558

7. Disconnect the exhaust back pressure solenoid electrical connector. Remove the 4 pedestal mounting bolts and remove the turbocharger pedestal. Remove and discard the 2 turbocharger pedestal to engine "O" rings.

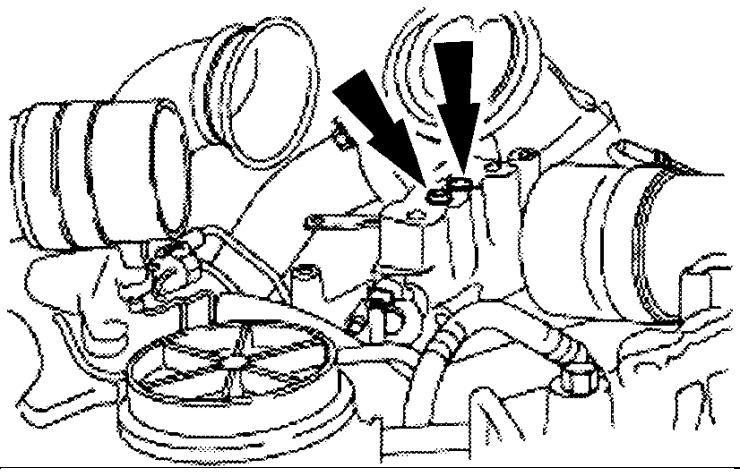


INSTALLATION

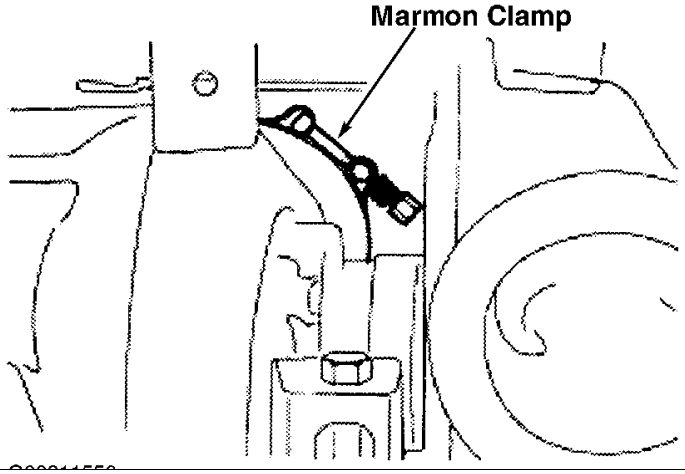
Tighten fasteners using the following specifications.	
Turbocharger Exhaust inlet pipe to exhaust manifold bolts	21 ft/lbs (28 N.m)
Turbocharger mounting bolts	18 ft/lbs (24 N.m)
Turbocharger pedestal assembly mounting bolts	18 ft/lbs (24 N.m)

INSTALLATION NOTES - To install, reverse the removal procedure.

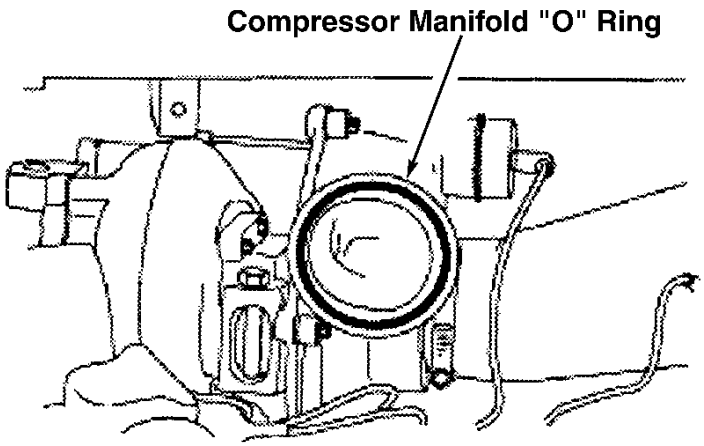
- Install New “O” rings. Reference step 6 of the removal process for the placement of the seals.



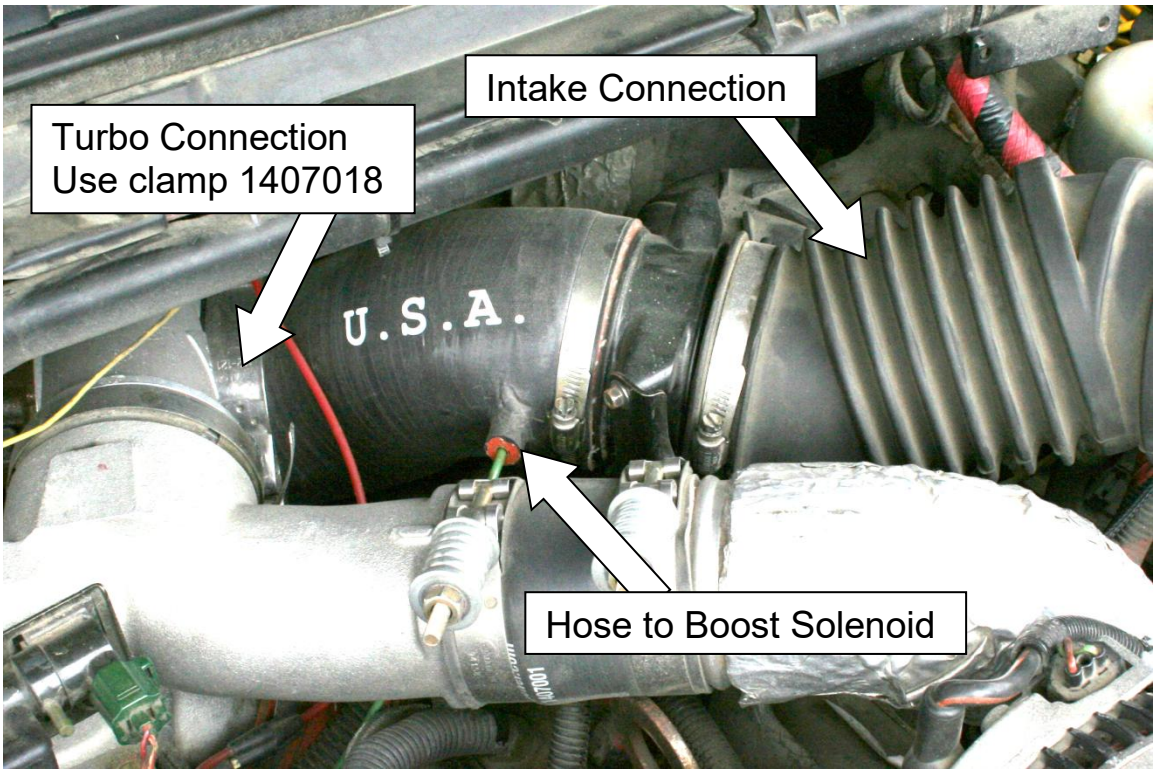
- The exhaust inlet Marmon clamp must be positioned on the exhaust inlet pipe before installing the turbocharger.



- Install the compressor manifold seal oring seal. (**1407519**) Reference step 2 of the removal process for placement.



Note orientation upon installation of the turbo hose.



California Customers EO Decal Installation

Install the supplied CARB EO decal under the hood next to the vehicles emissions sticker as shown in the graphic for applicable models listed below. Please check your vehicle emissions control information (VECI) label for the test group or engine family.

Important: Do NOT install this decal on vehicles other than those outlined above. Only the test groups or engine families listed are covered under this products EO.

