

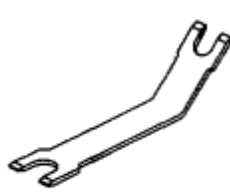



2003 Ford Truck F 250 2WD Super Duty V8-6.0L DSL Turbo

Vehicle Level → Powertrain Management → Fuel Delivery and Air Induction → High Pressure Oil Pump
 → Service and Repair ←

Service and Repair

[Notes](#)

Special Tool(s)	
 ST2703-A	Disconnect Tool, Quick Release Coupling 303-755
 ST1214-A	Dial Indicator with Bracketry 100-002 (TOOL-4201-C) or equivalent

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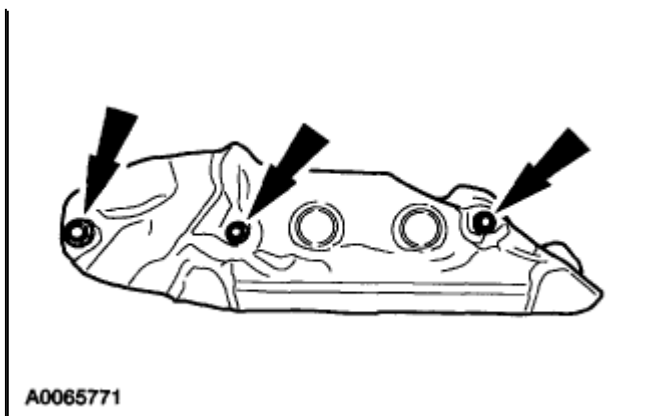
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SPECIAL TOOL(S)

REMOVAL

1. Remove the intake manifold.



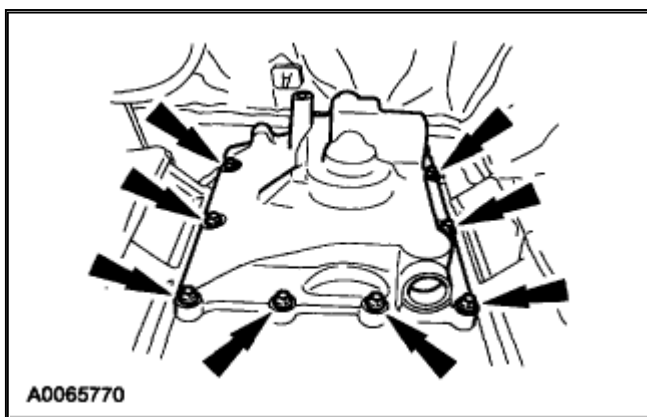


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2. Remove the [turbocharger](#) heat shield.



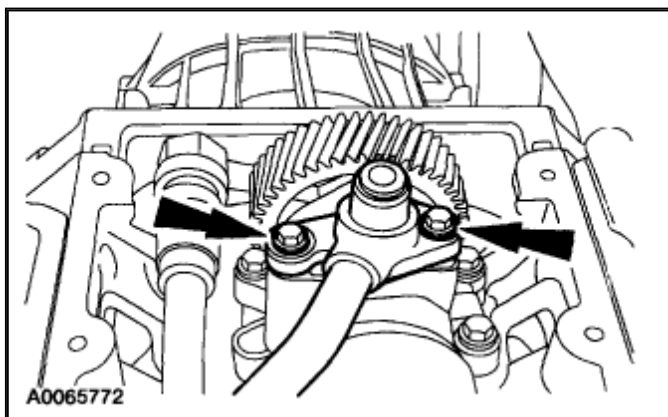
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3. Remove the bolts and the high-pressure oil pump cover.

- Use a thin gasket scraper to separate the cover from the crankcase.
- Remove and discard the press-in-place gasket.

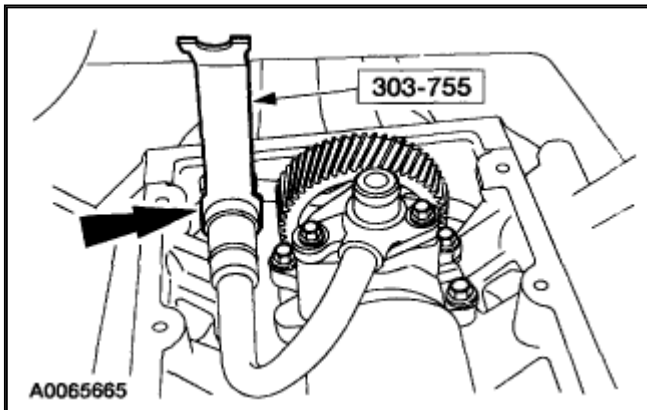


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4. Remove the bolts from the high pressure oil pump discharge pipe.

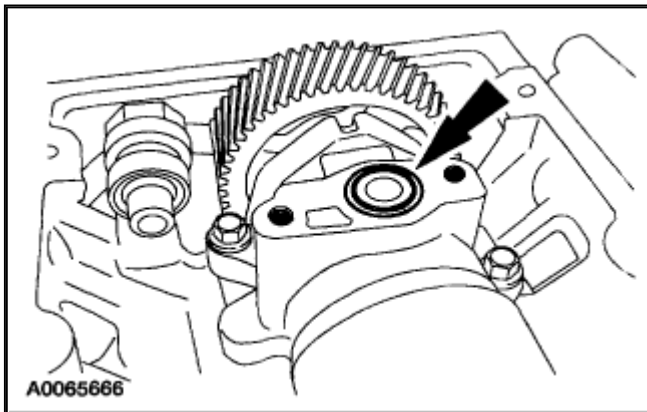


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5. Using the special tool, disconnect and remove the high-pressure oil pump discharge pipe.

- Remove and discard the D-ring seal.

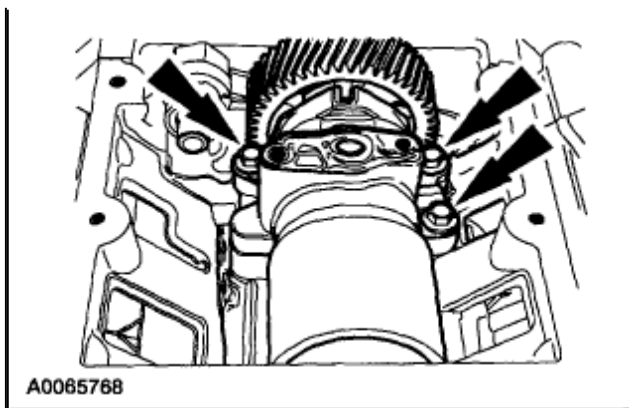


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6. Remove and discard the high-pressure pump O-ring seal.

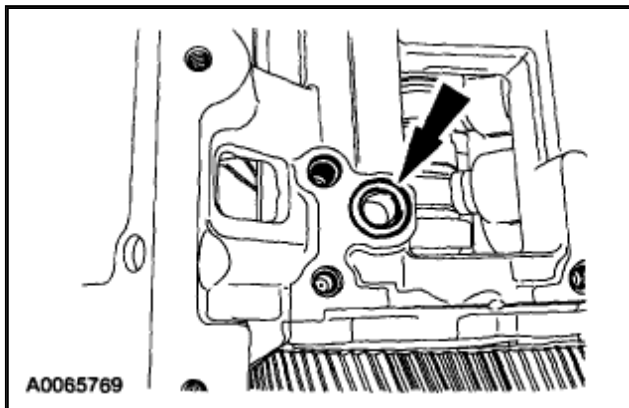




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7. Remove the bolts and the high-pressure oil pump.

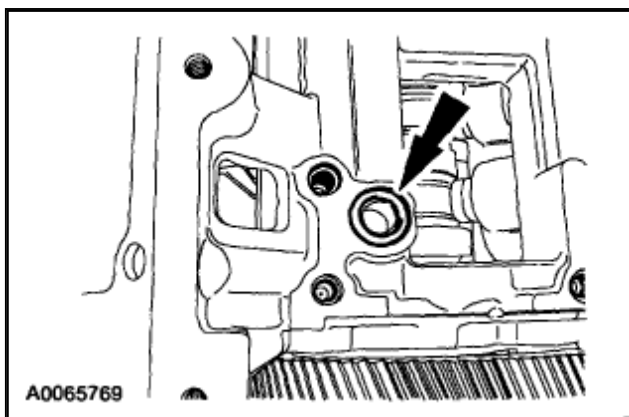


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8. Remove and discard the lower O-ring seal.

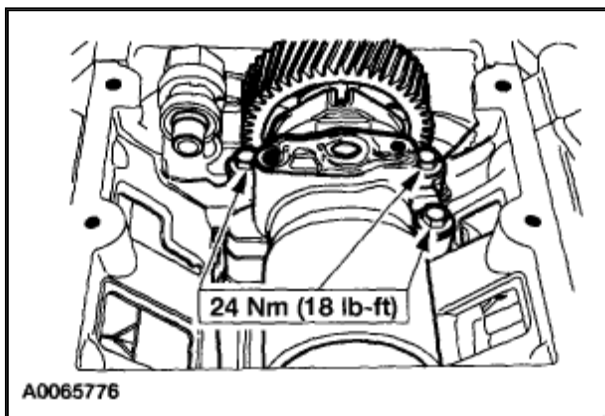
INSTALLATION



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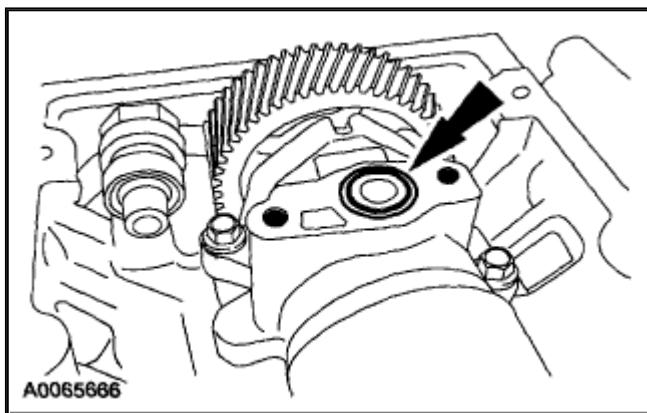
1. Install a new lower O-ring seal.



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2. Install the high-pressure oil pump and bolts.

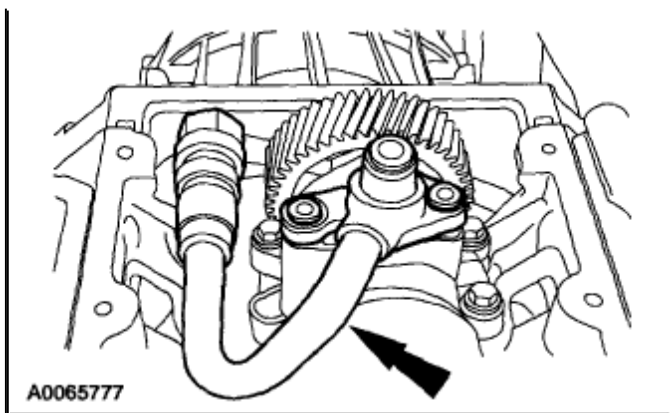


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3. Install the high-pressure pump O-ring seal.

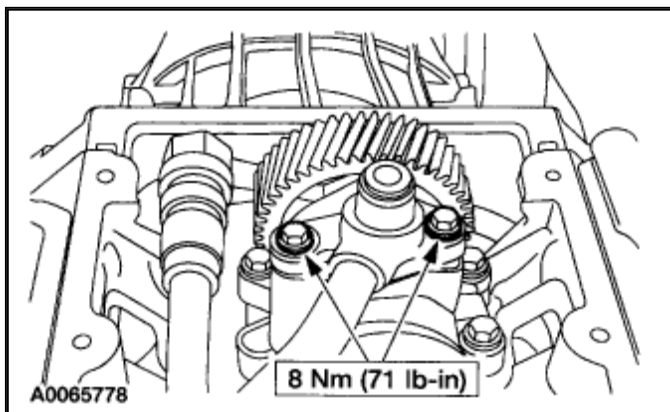




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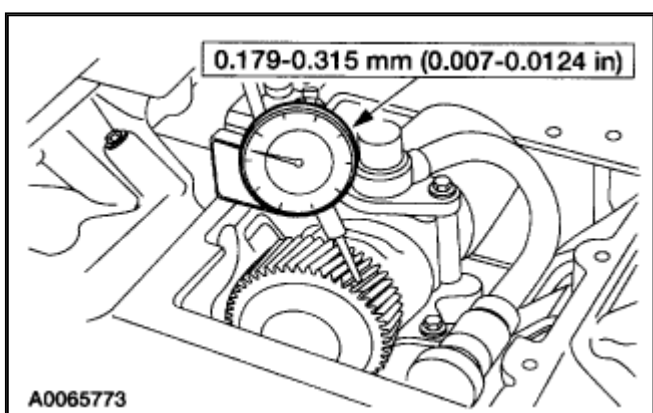
4. Install the oil pump discharge pipe.



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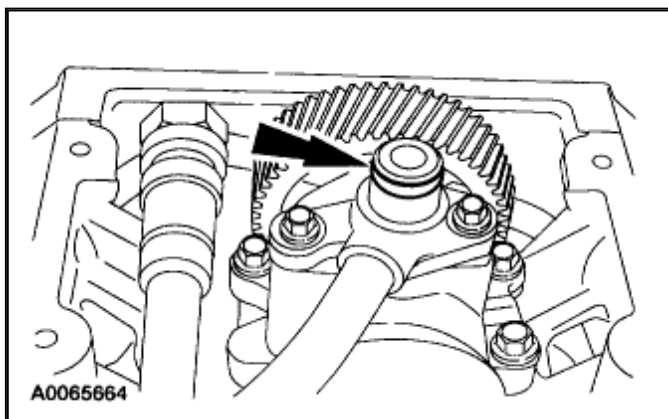
5. Install the bolts for the oil discharge pipe.



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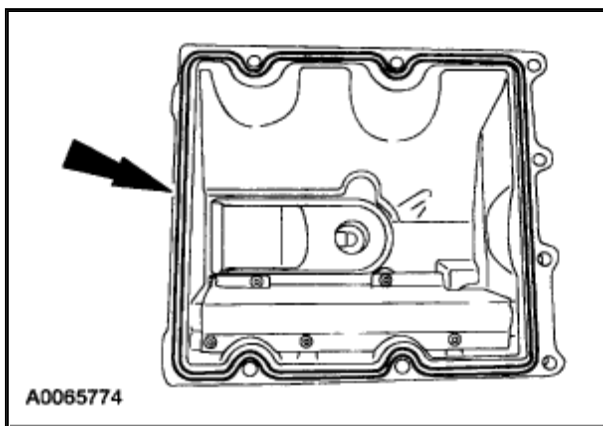
6. Position the dial indicator with bracketry onto the oil pump drive and check the oil pump drive gear backlash.



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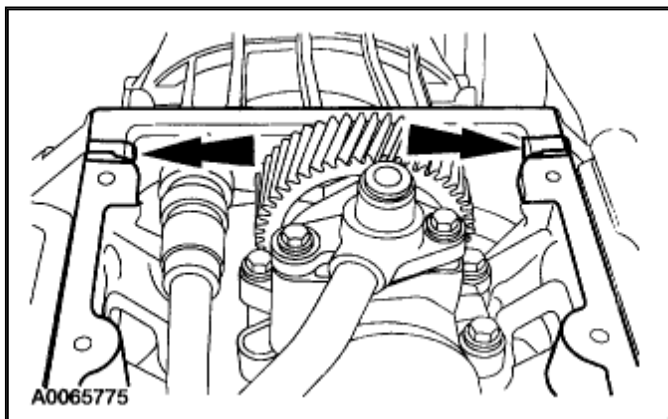
7. Install a new D-ring seal on the high-pressure discharge pipe.



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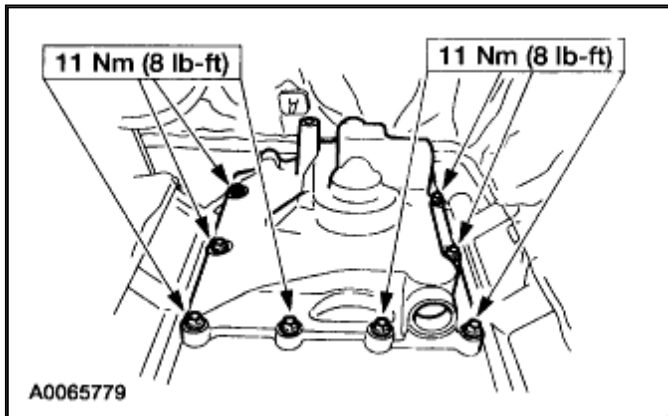
8. Install a new press-in-place gasket in the high-pressure pump cover.



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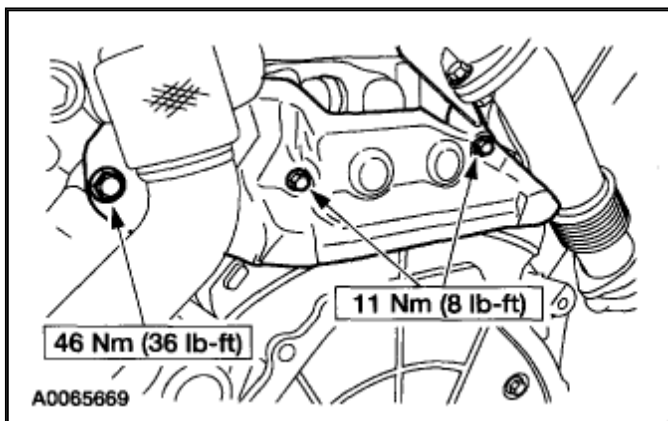
9. Clean the cover mounting surface and apply sealer at the seams.



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10. Install the high-pressure pump cover and bolts.



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11. Install the [turbocharger](#) heat shield.
12. Install the intake manifold.