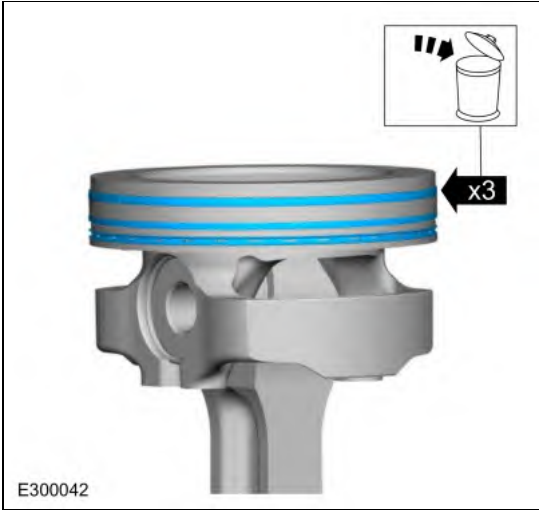


Piston

DISASSEMBLY

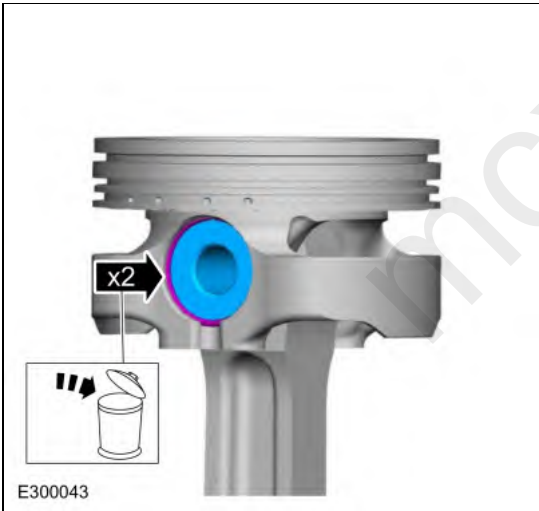
NOTE: If the piston and connecting rod are to be reinstalled, they must be assembled in the same orientation. Mark the piston orientation to the connecting rod for reassembly.

1. Remove and discard the piston rings.



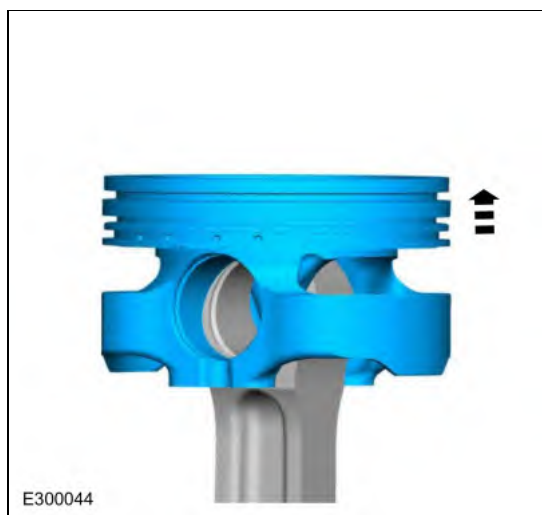
E300042

2. **NOTE:** Note the position of the piston pin retainer.
- NOTE:** The piston pins are a floating type piston pin and should not require a press to remove or install them.
- Remove and discard the piston pin retainers.
 - Remove the piston pin.

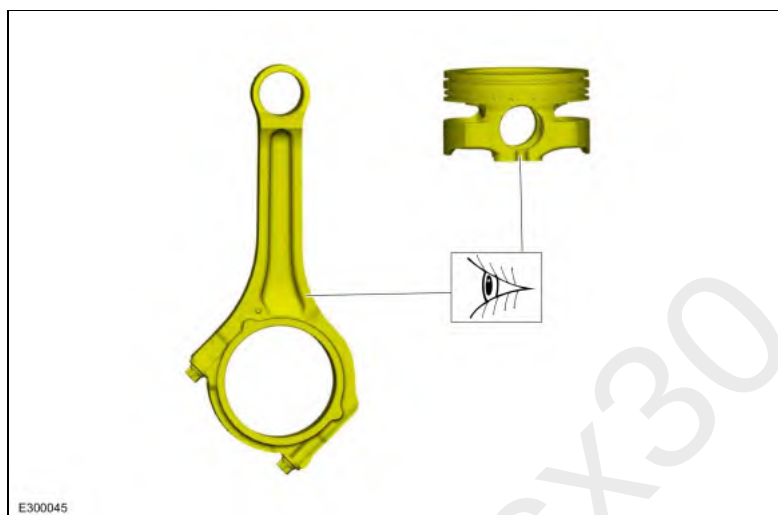


E300043

3. Remove the piston from the connecting rod.

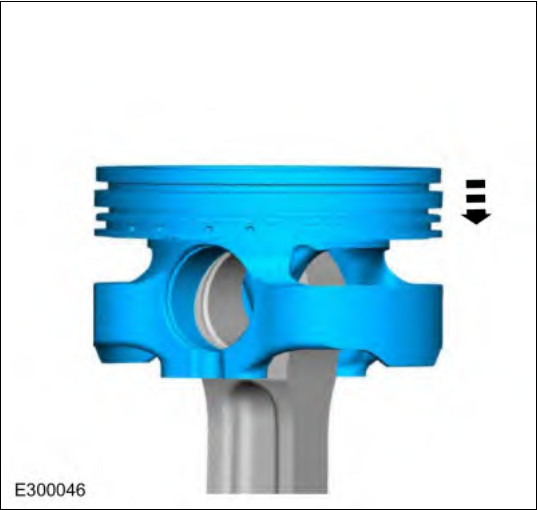


4. Inspect the piston and the connecting rod.
Refer to: Piston Inspection (303-00 Engine System - General Information, General Procedures).



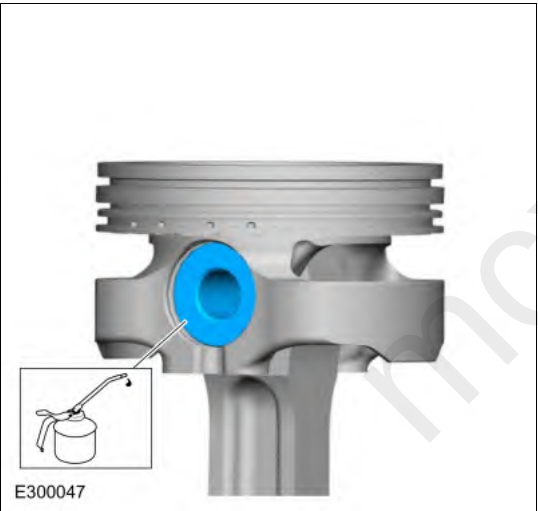
ASSEMBLY

1. **NOTE:** Align the piston-to-connecting rod orientation marks made during disassembly.
NOTE: If installing a new piston, install with the arrow towards the front of the engine.
Install the piston to the connecting rod.



2. **NOTE:** *The piston pins are a floating type piston pin and should not require a press to remove or install them.*

Lubricate with clean engine oil and install the piston pin.
Refer to: Specifications (303-01B Engine - 6.7L Power Stroke Diesel, Specifications).



3. **NOTE:** *Install the piston pin retainer with the gap between the 11:00 o'clock and the 1:00 o'clock position.*

Install the piston pin retainers.



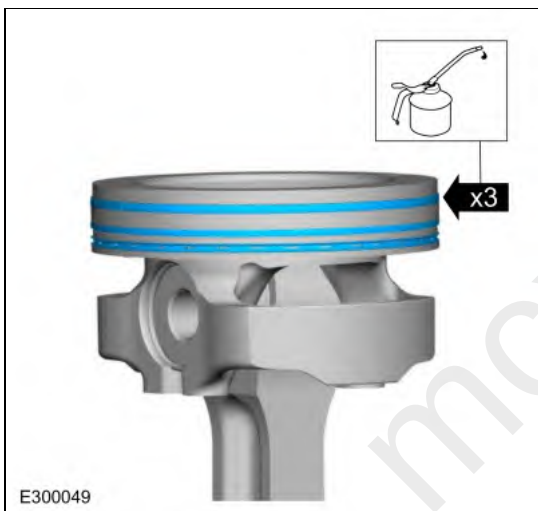
4. **NOTE:** The top compression ring is identified with a orange stripe on the running surface. Install the ring with pip mark toward the top of the piston.

NOTE: The intermediate ring is identified with green stripe on the running surface. Install the ring with the under cut to the bottom.

NOTE: The oil control ring is identified with a yellow and light blue strip on the running surface.

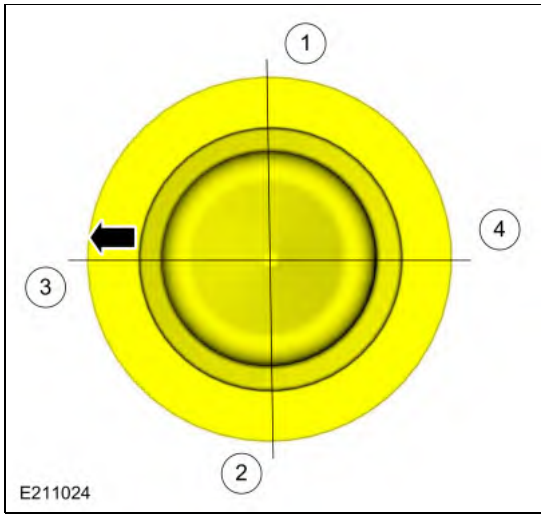
Lubricate with clean engine oil and install the piston rings.

Refer to: Specifications (303-01B Engine - 6.7L Power Stroke Diesel, Specifications).



5. **NOTE:** The arrow on the top of the piston indicates the front of the engine.

1. Upper compression ring gap location.
2. Lower compression ring gap location.
3. Piston oil control ring gap location (reference only).
4. Piston oil control ring gap location (reference only).



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