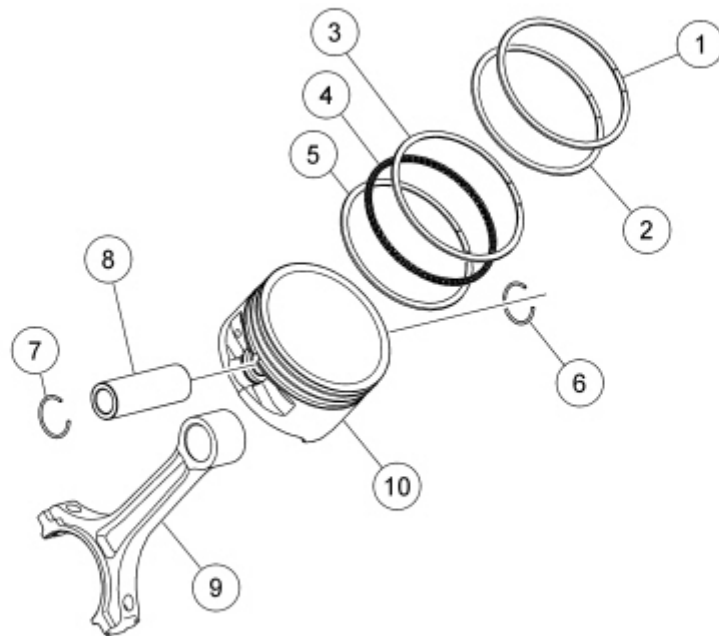


Piston

Material

Item	Specification
Motorcraft® SAE 5W-20 Premium Synthetic Blend Motor Oil XO-5W20-QSP (US); Motorcraft® SAE 5W-20 Super Premium Motor Oil CXO-5W20-LSP12 (Canada); or equivalent	WSS-M2C930-A



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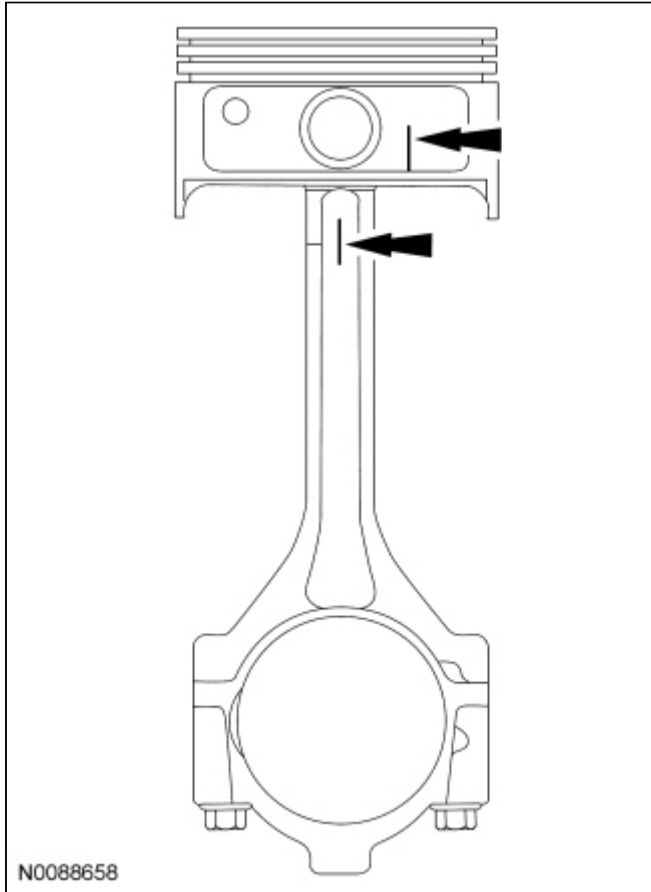
Item	Part Number	Description
1	6150	Piston compression ring, upper
2	6152	Piston compression ring, lower
3	6159	Piston oil control segment ring, upper
4	6161	Piston oil control spacer
5	6159	Piston oil control segment ring, lower
6	6140	Piston pin retainer
7	6140	Piston pin retainer
8	6135	Piston pin
9	6200	Connecting rod
10	6110	Piston

Disassembly



WARNING: Since the retainer ring has a tendency to spring out, cover the end of the pin bore with a hand or shop rag when removing the ring. Wear eye protection. Failure to follow these instructions may result in serious personal injury.

1. Remove the piston rings from the piston.
 - Discard the piston rings.
2. Mark the piston and the connecting rod on the same side for assembly reference.

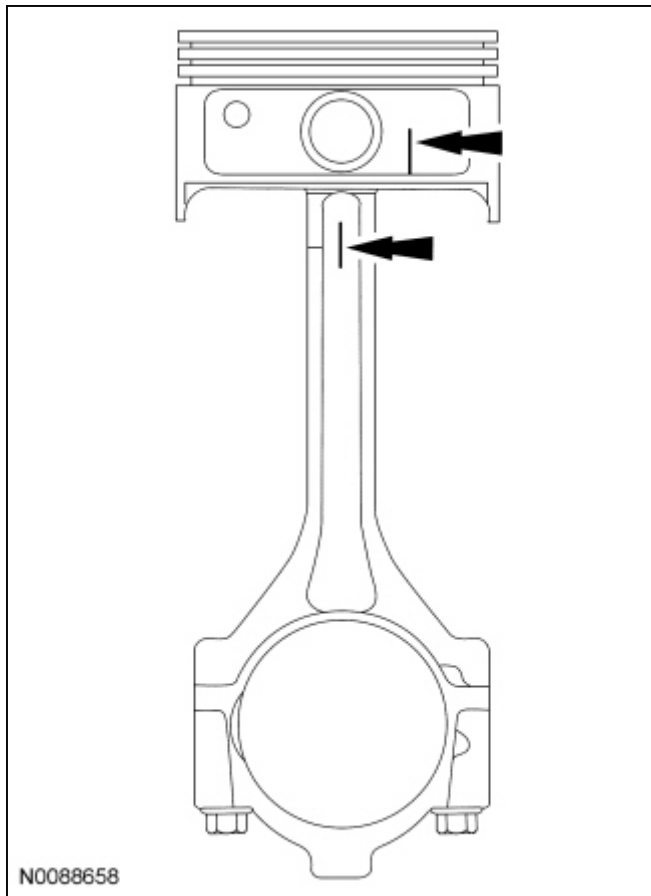


3. Remove the piston pin retainers and the piston pin.
4. Separate the piston from the connecting rod.
5. Clean and inspect the piston and connecting rod. For additional information, refer to [Section 303-00](#).

Assembly

1. **NOTE:** The connecting rod must be installed into the piston with the marks made during disassembly on the same side. If a new piston or connecting rod is being installed, it can be installed in either direction.

Position the connecting rod in the piston.



2. Lubricate the piston pin and pin bore with clean engine oil.
 3. Install the piston pin in the piston and connecting rod assembly.
 4. Install the piston pin retaining clips in the piston.
 5. Lubricate the piston and the new piston rings with clean engine oil.
 6. Install the piston rings onto the piston.
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