

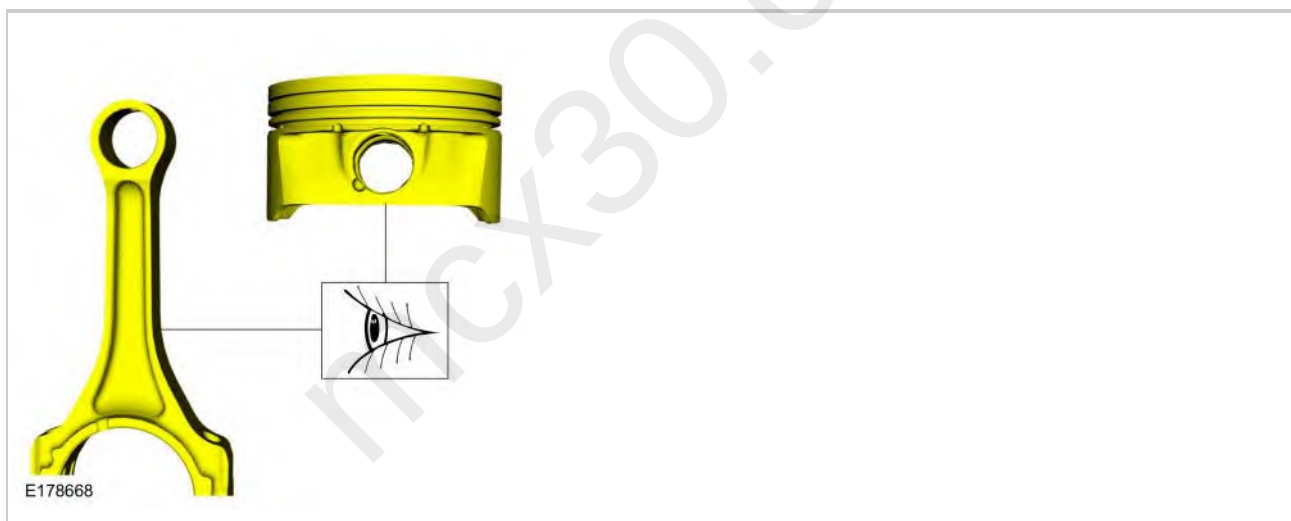
assembled in the same orientation. Mark the piston orientation to the connecting rod for reassembly.

Remove the piston from the connecting rod.



4.

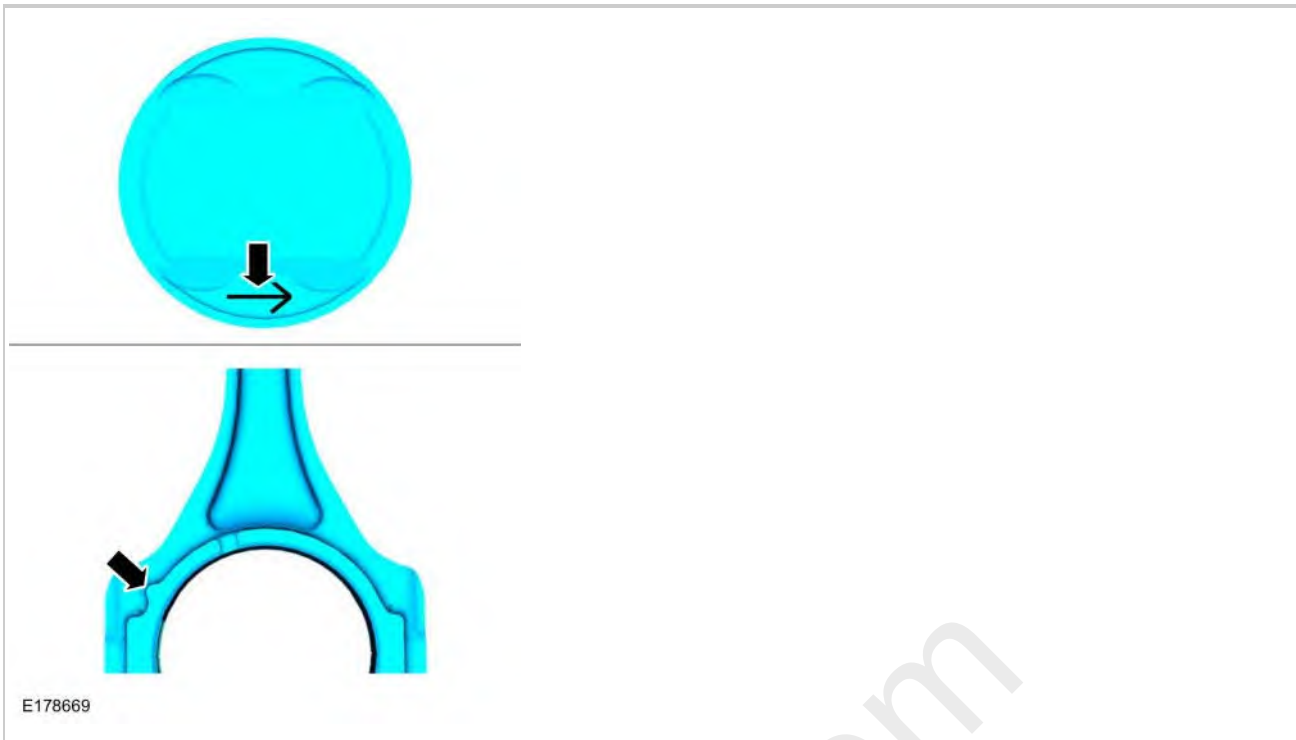
Inspect the piston and connecting rod. Refer to: Piston Inspection .



DISASSEMBLY AND ASSEMBLY OF SUBASSEMBLIES > PISTON > ASSEMBLY

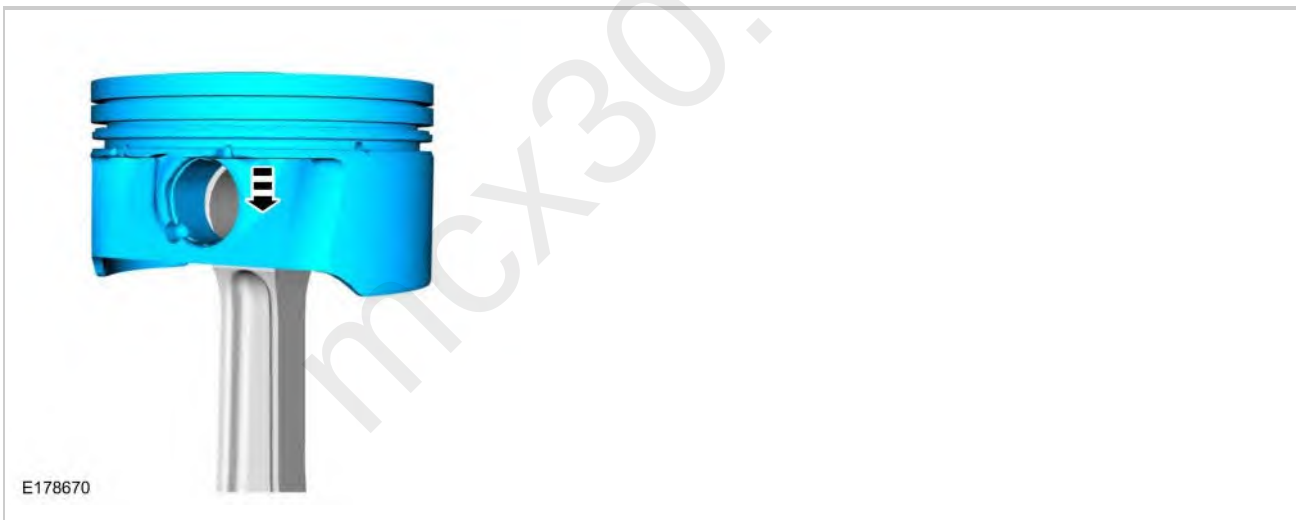
1.

If the piston and/or connecting rod are being installed new, the piston rod orientation marks and the arrow on the top of the dome of the piston should be facing toward the front of the engine block.



2.

Install the piston to the connecting rod.



3.

Lubricate with clean engine oil and install the piston pin.

Material

: Motorcraft ® SAE 5W-30 Premium Synthetic Blend Motor Oil / XO-5W30-QSP
(WSS-M2C946-A)



4.

 **NOTE:** The piston pin retaining clip gap orientation must be toward the top or dome of piston.

Install the piston pin retainers.

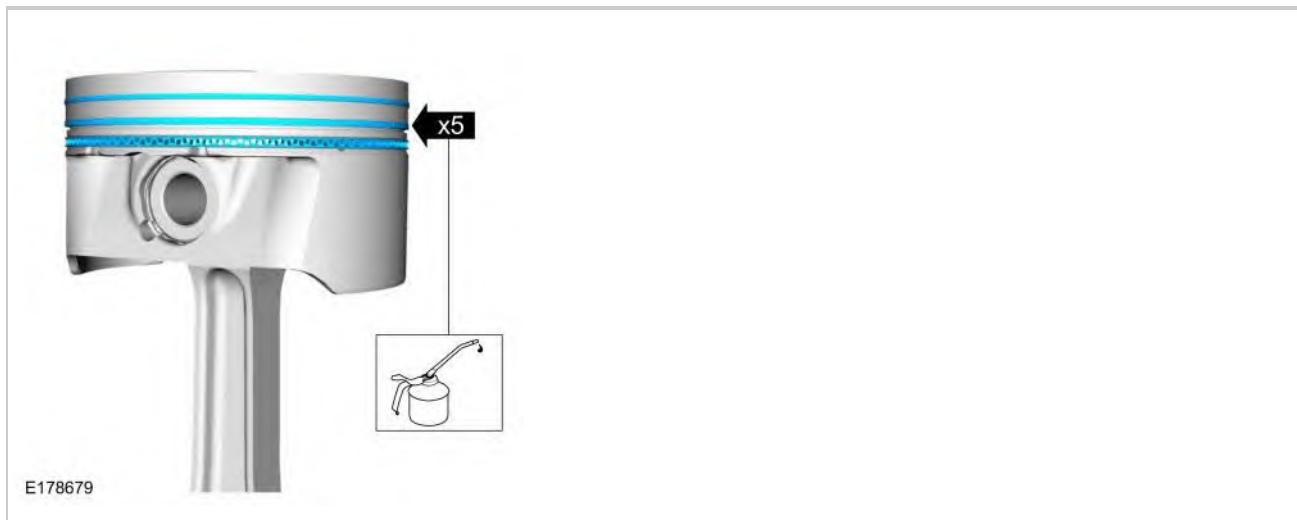


5.

Lubricate with clean engine oil and install the piston rings.

Material

: Motorcraft ® SAE 5W-30 Premium Synthetic Blend Motor Oil / XO-5W30-QSP
(WSS-M2C946-A)



6.

 **NOTE:** The piston compression upper and lower ring should be installed with the "O" mark on the ring face pointing up toward the top of the piston.

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

1.

Center line of the piston parallel to the wrist pin bore.

2.

Upper compression ring gap location.

3.

Upper oil control segment ring gap location.

4.

Lower oil control segment ring gap location.

5.

Expander ring and lower compression ring gap location.