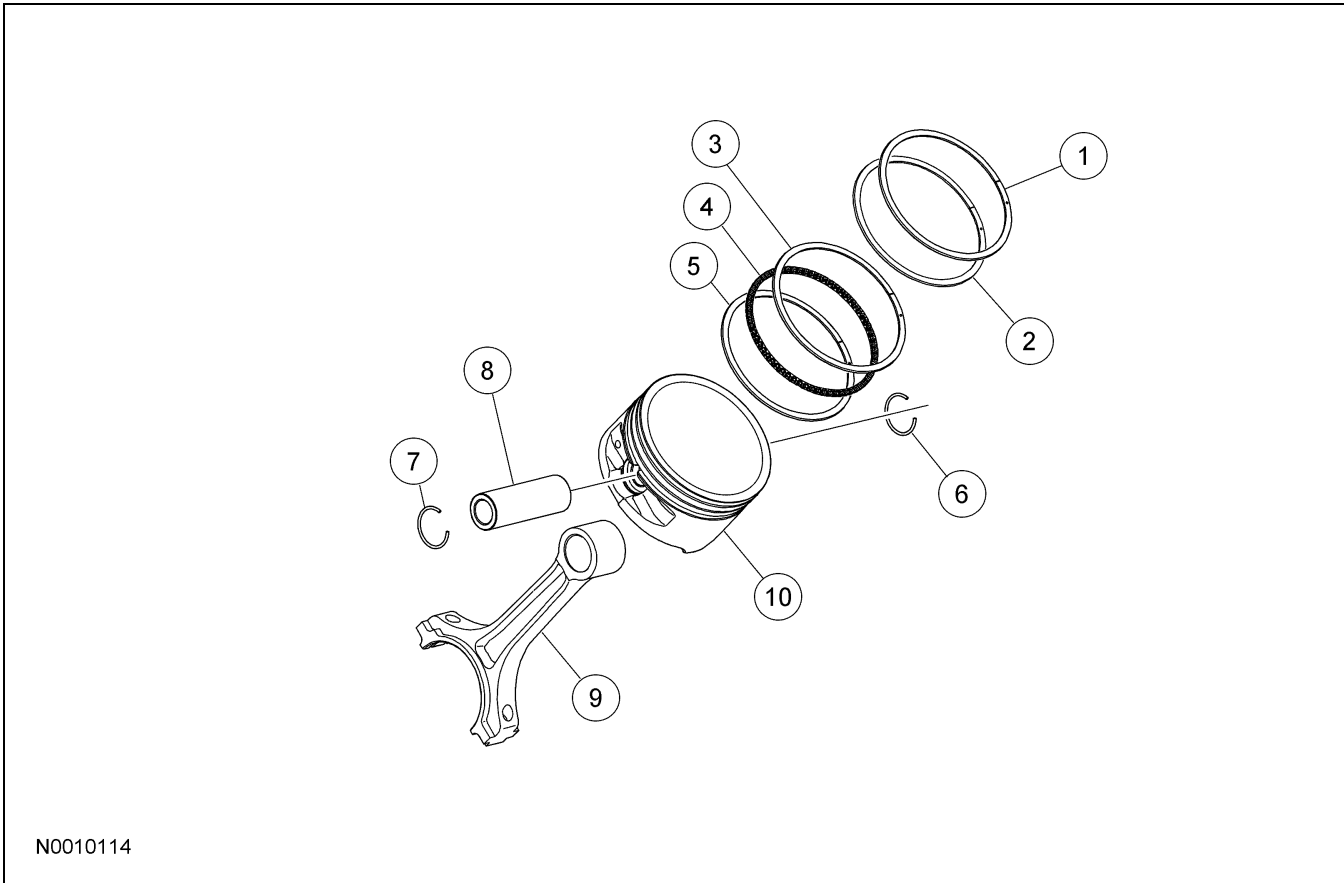


DISASSEMBLY AND ASSEMBLY OF SUBASSEMBLIES

Piston

Material

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



| Item | Part Number | Description |
|------|-------------|---------------------------------------|
| 1 | 6150 | Piston compression upper ring |
| 2 | 6152 | Piston compression lower ring |
| 3 | 6159 | Piston oil control upper segment ring |
| 4 | 6161 | Piston oil control spacer |
| 5 | 6159 | Piston oil control lower segment ring |

| Item | Part Number | Description |
|------|-------------|---------------------|
| 6 | 6140 | Piston pin retainer |
| 7 | 6140 | Piston pin retainer |
| 8 | 6135 | Piston pin |
| 9 | 6200 | Connecting rod |
| 10 | 6110 | Piston |

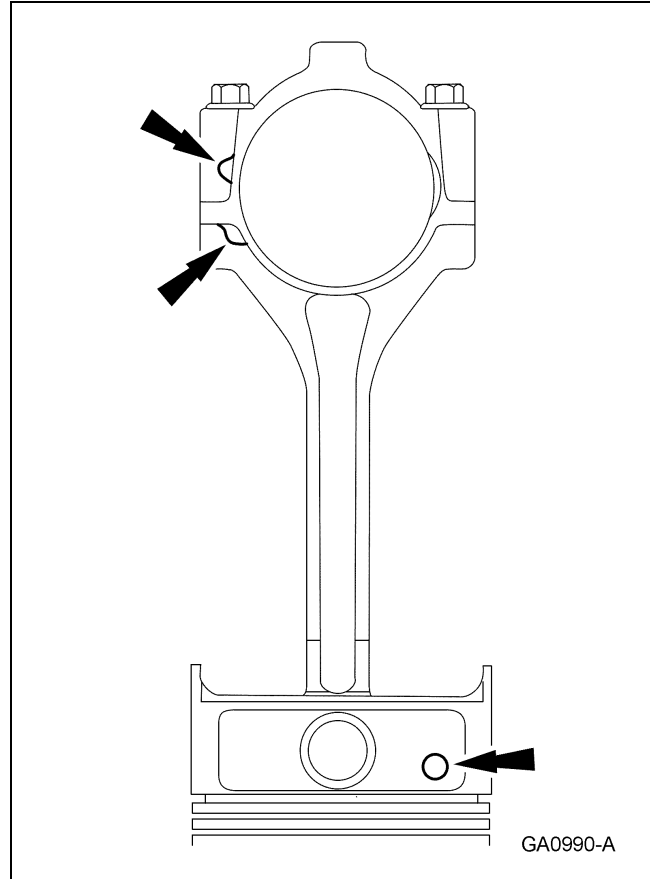
(Continued)

DISASSEMBLY AND ASSEMBLY OF SUBASSEMBLIES (Continued)**Disassembly**

1. Remove the piston rings from the piston.
 - Discard the piston rings.
2. Remove the piston pin retainers and the piston pin.
3. Separate the piston from the connecting rod.
4. 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 identification markings toward the front.
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.