


Camshaft Roller Follower

Special Tool(s)

 ST2804-A	Compressor, Valve Spring 303-1039
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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

Removal

1. Depending on the roller follower being serviced, remove the LH or RH valve cover. For additional information, refer to [Valve Cover — LH](#) or [Valve Cover — RH](#) in this section.
2. Rotate the crankshaft until the piston for the valve being serviced is at the top of its stroke with the intake valve and the exhaust valves closed.
3. **NOTICE: If the components are to be reinstalled, they must be installed in their original positions. Mark the components for installation into their original locations. Failure to follow these instructions may result in engine damage.**

NOTE: Do not allow the valve keepers to fall off of the valve or the valve may drop into the cylinder. If a valve drops into the cylinder, the cylinder head must be removed. For additional information, refer to [Cylinder Head](#) in this section.

NOTE: It may be necessary to push the valve down while compressing the spring.

Using the Valve Spring Compressor, compress the valve spring and remove the camshaft roller follower.



4. Repeat the previous 2 steps for each roller follower being serviced.

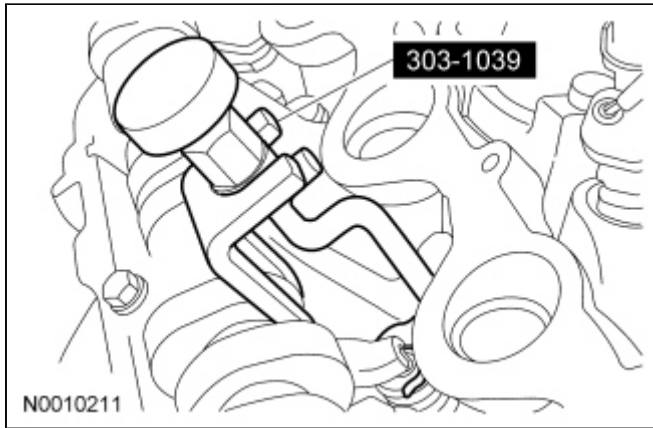
5. Inspect the roller follower. For additional information, refer to [Section 303-00](#).

Installation

1. **NOTICE:** If the components are to be reinstalled, they must be installed in their original positions. Mark the components for installation into their original locations. Failure to follow these instructions may result in engine damage.

NOTE: Lubricate the roller follower with clean engine oil.

Using the Valve Spring Compressor, compress the valve spring and install the camshaft roller follower.



2. Repeat the previous step for each roller follower being serviced.
 3. Depending on the valve being serviced, install the LH or RH valve cover. For additional information, refer to [Valve Cover — LH](#) or [Valve Cover — RH](#) in this section.
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