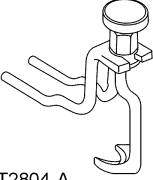


## IN-VEHICLE REPAIR

### Camshaft Roller Follower


#### Special Tool(s)

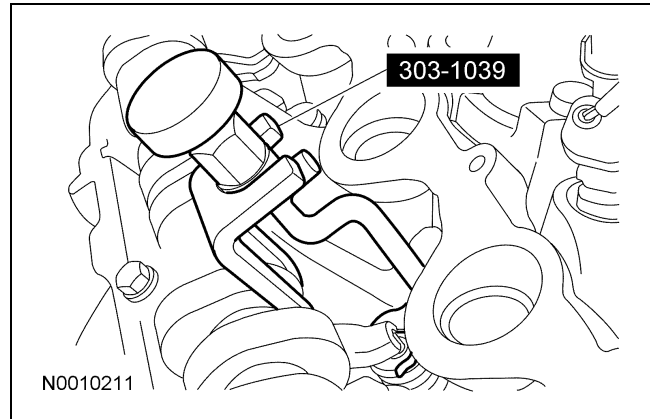
 <p>ST2804-A</p>	<p>Compressor, Valve Spring 303-1039</p>
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#### Material

Item	Specification
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


#### Removal

- 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.
- 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.
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**CAUTION: If the components are to be reinstalled, they must be installed in the same positions. Mark the components for installation into their original locations.**  
 Using the special tool, compress the valve spring and remove the camshaft roller follower.

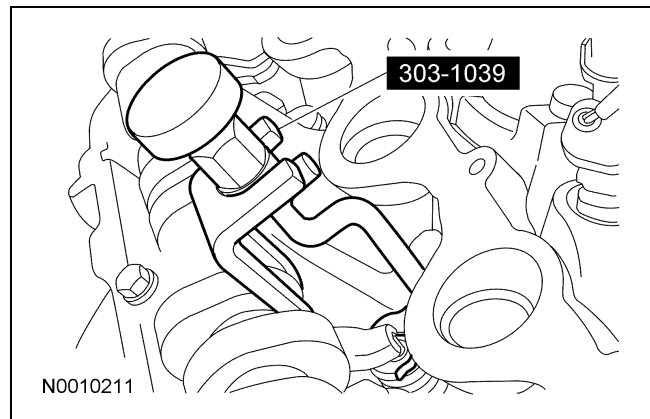


- Repeat the previous 2 steps for each roller follower being serviced.
- Inspect the roller follower. For additional information, refer to Section 303-00.

#### Installation

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**CAUTION: If the components are to be reinstalled, they must be installed in the same positions. Mark the components for installation into their original locations.**  
**NOTE:** Lubricate the roller follower with clean engine oil.

Using the special tool, compress the valve spring and install the camshaft roller follower.



- Repeat the previous step for each roller follower being serviced.

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**IN-VEHICLE REPAIR (Continued)**

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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