

Variable Camshaft Timing (VCT) Housing

Material

Item	Specification
Motorcraft® Metal Surface Prep ZC-31-A	—

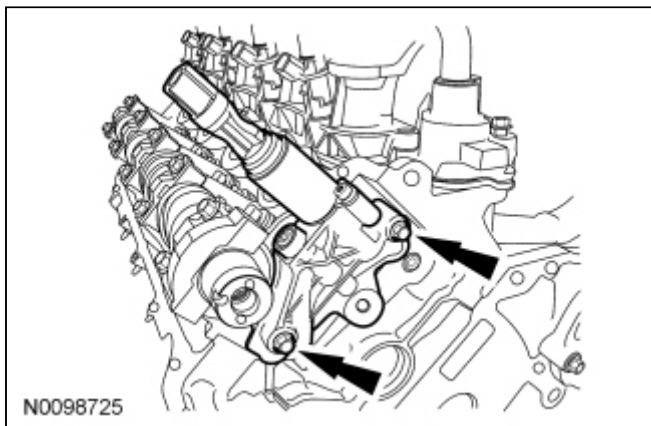
Removal

All Variable Camshaft Timing (VCT) housings

1. Remove the timing drive components. For additional information, refer to [Timing Drive Components](#) in this section.

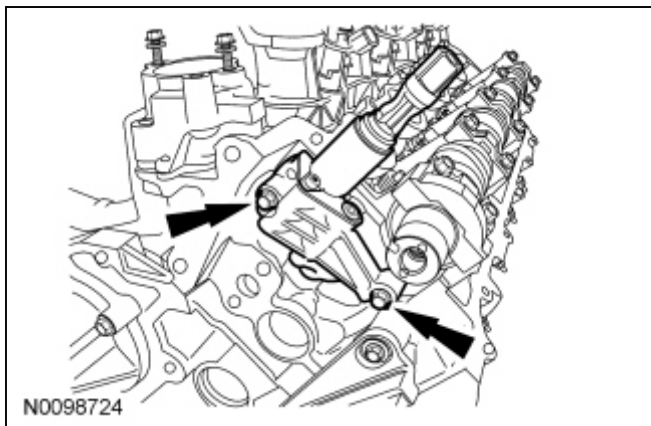
RH **VCT** housing

2. Remove the 2 bolts and the RH Variable Camshaft Timing (VCT) housing.



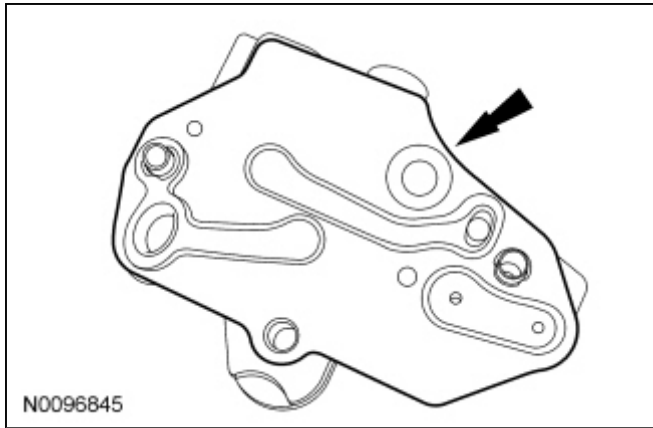
LH **VCT** housing

3. Remove the 2 bolts and the LH **VCT** housing.



All **VCT** housings

4. Remove and discard the **VCT** housing gasket.



5. **NOTICE:** Do not use metal scrapers, wire brushes, power abrasive discs or other abrasive means to clean the sealing surfaces. These tools cause scratches and gouges which make leak paths. Use a plastic scraping tool to remove all traces of old sealant.

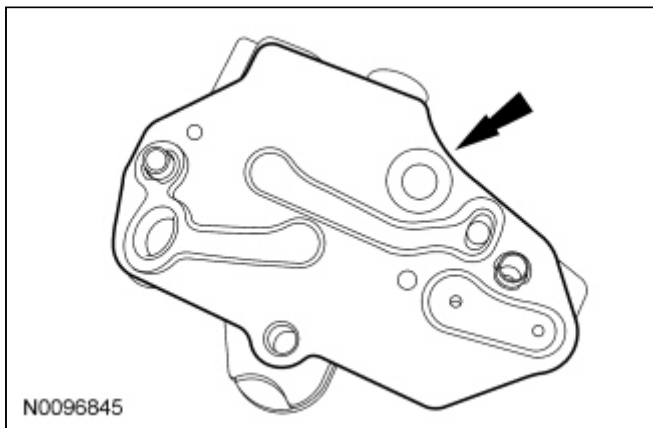
Clean and inspect the cylinder head sealing surfaces with metal surface prep. Follow the directions on the packaging.

6. Clean and inspect the [VCT](#) housing. For additional information, refer to [Section 303-00](#).

Installation

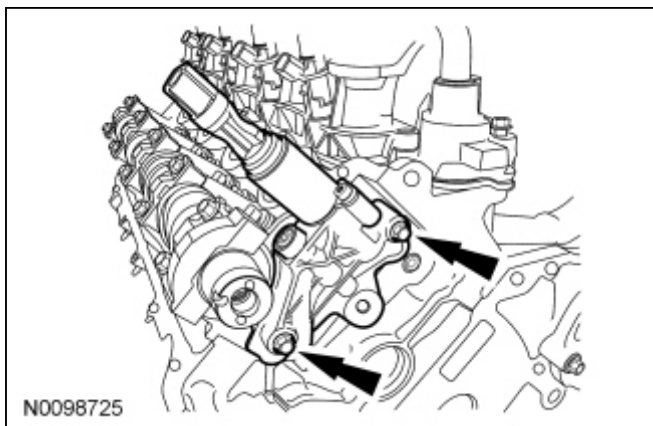
All [VCT](#) housing

1. Install a new gasket onto the [VCT](#) housing.



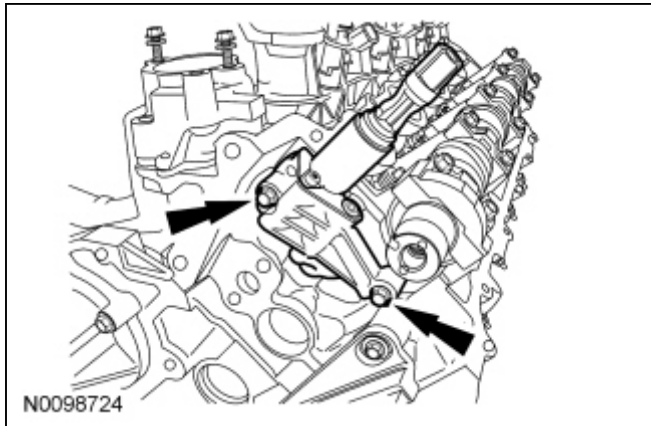
RH [VCT](#) housing

2. Position the RH [VCT](#) housing and install the 2 bolts.
 - Tighten to 10 Nm (89 lb-in).



LH **VCT** housing

3. Position the LH **VCT** housing and install the 2 bolts.
 - Tighten to 10 Nm (89 lb-in).



All **VCT** housings

4. Install the timing drive components. For additional information, refer to [Timing Drive Components](#) in this section.
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