 E134677	303-300 (T87C-6565-A) Set, Valve Spring Compressor T88C-1000-ST TKIT-1988-FESTIVA TKIT-1988-TRACER TKIT-2009TC-F
 E134678	303-350 (T89P-6565-A) Compressor, Valve Spring TKIT-1989-F TKIT-1989-FLM TKIT-1989-FM TKIT-1990-LMH

Materials

Name	Specification
Motorcraft® SAE 5W-20 Premium Synthetic Blend Motor Oil XO-5W20-QSP	WSS-M2C945-A
Motorcraft® Orange Concentrated Antifreeze/Coolant VC-3-B	WSS-M97B44-D

DISASSEMBLY AND ASSEMBLY OF SUBASSEMBLIES > CYLINDER HEAD > DISASSEMBLY



NOTE: During engine repair procedures, cleanliness is extremely important. Any foreign material, including any material created while cleaning gasket surfaces, that enters the oil passages, coolant passages or the oil pan, can cause engine failure.



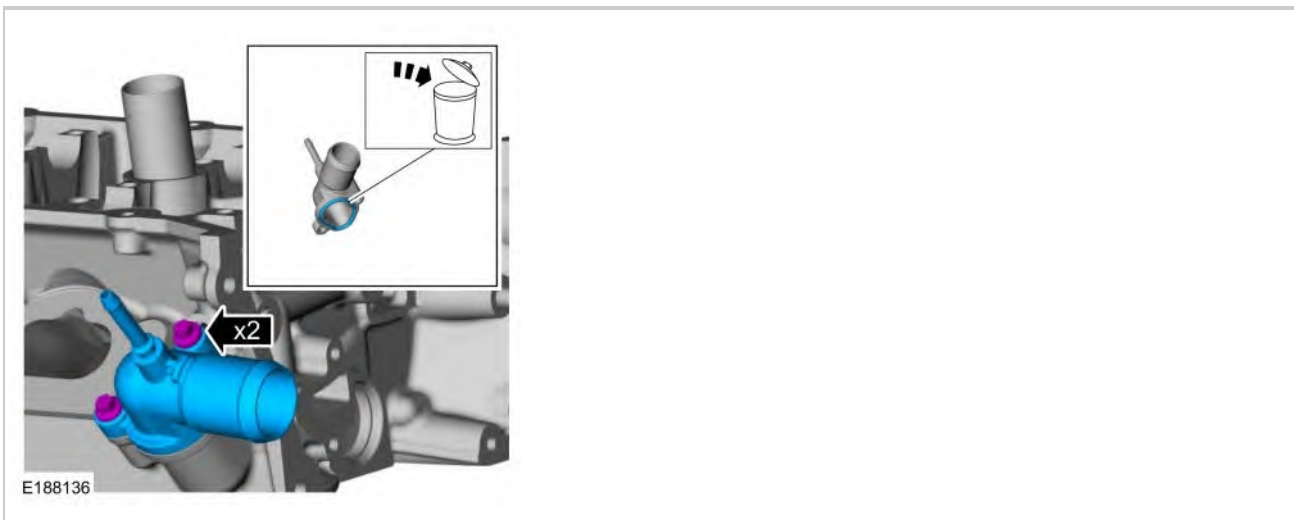
NOTE: If the components are to be reinstalled, they must be installed in their original locations. Mark the components for installation into their original locations.

LH cylinder heads

1.

Remove the bolts and the coolant outlet.

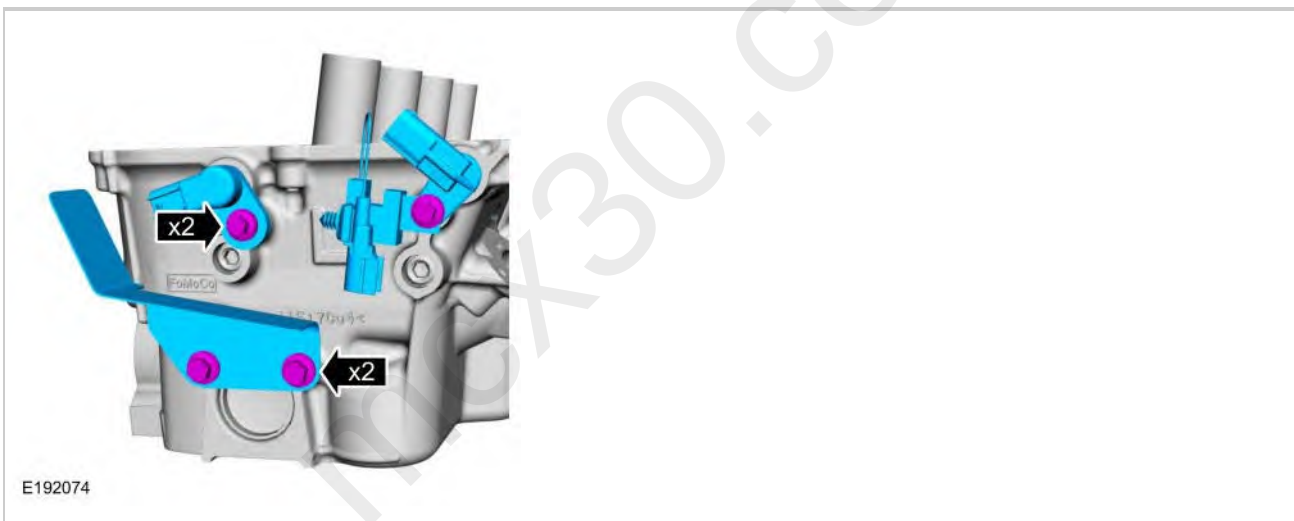
Discard the gasket.



2.

Remove the bolts and the heat shield.

Remove the bolts, the intake and exhaust CMP sensors and the radio interference capacitor.

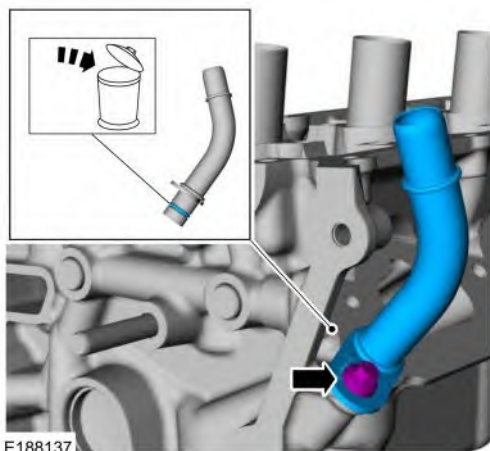


RH cylinder heads

3.

Remove the bolt and the coolant outlet.

Discard the O-ring seal.

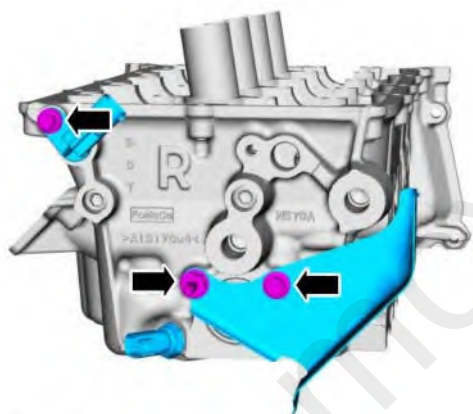


4.

Remove and discard the CHT sensor.

Remove the bolt and the CMP sensor.

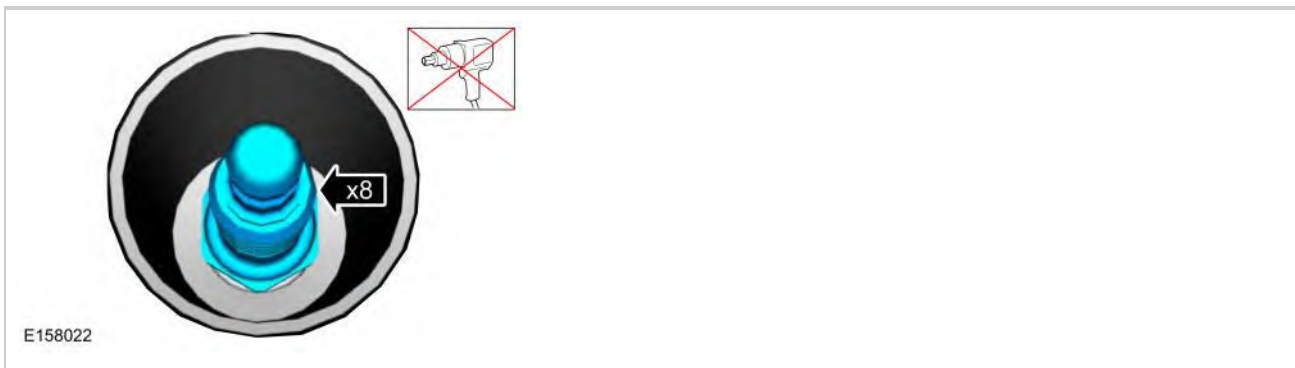
Remove the bolts and the heat shield.



All cylinder heads

5.

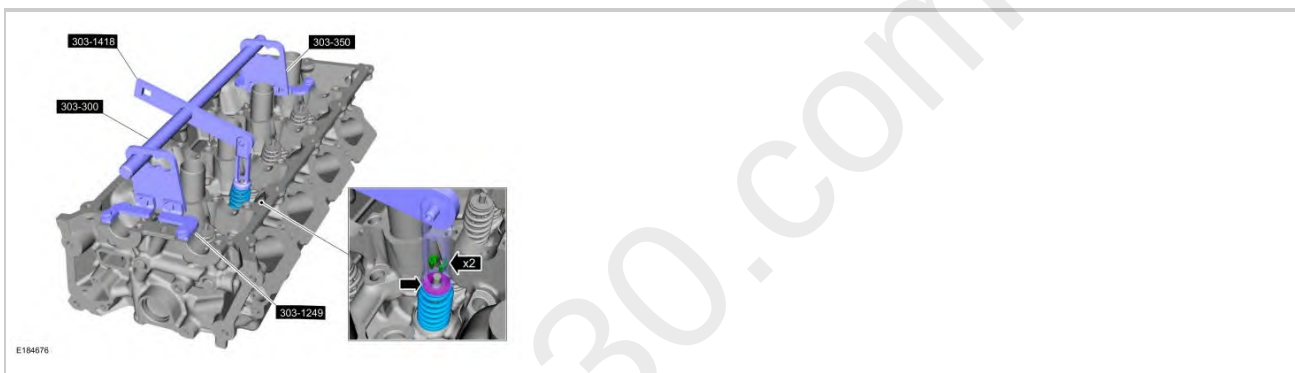
Remove the spark plugs.



6.

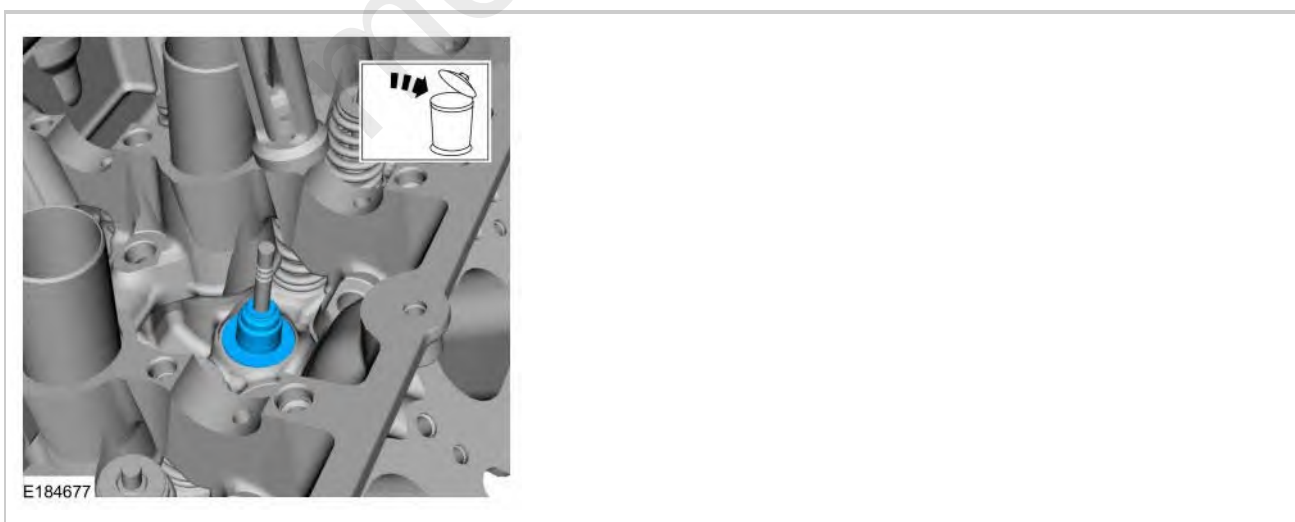
Using the special tools, remove the keys, retainer and spring.

Use Special Service Tool: 303-300 (T87C-6565-A) Set, Valve Spring Compressor, 303-350 (T89P-6565-A) Compressor, Valve Spring, 303-1249 Valve Spring Compressor, 303-1418 Compressor, Valve Spring.



7.

Remove and discard the valve stem seal.



8.

Remove the valve from the cylinder head.