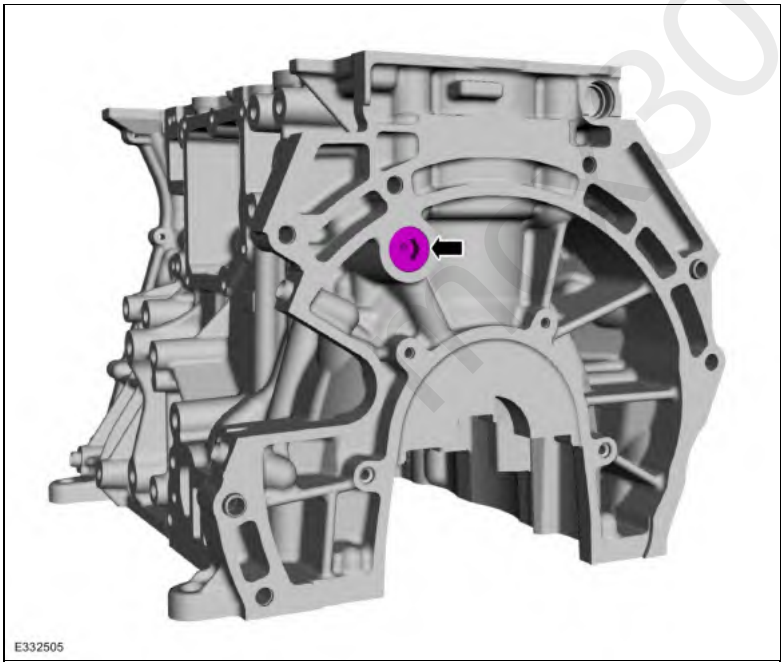
E223046	310-205 Fuel Injector Brush
E223047	310-207 Installer, Fuel Injector Seal Assembly TKIT-2009A-FLM
Feeler Gauge	
Strap Wrench	
Mounting Stand	
Hose Clamp Remover/Installer	
Piston Ring Compressor	

Materials

Name	Specification
MotorcraftÂ® High Performance Engine RTV Silicone TA-357	WSE-M4G323-A6

NOTICE: Do not loosen or remove the crankshaft pulley bolt without first installing the special tools as instructed in this procedure. The crankshaft pulley and the crankshaft timing sprocket are not keyed to the crankshaft. The crankshaft, the crankshaft sprocket and the pulley are fitted together by friction. For that reason, the crankshaft sprocket is also unfastened if the pulley bolt is loosened. Before any repair requiring loosening or removal of the crankshaft pulley bolt, the crankshaft and camshafts must be locked in place by the special service tools, otherwise severe engine damage can occur.

NOTICE: During engine repair procedures, cleanliness is extremely important. All parts must be thoroughly cleaned and 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.

1. Inspect the turbocharger or engine air intake system components and clean, if necessary.
2. If necessary, install the new rear cylinder block plug.
   Torque: 50 lb.ft (68 Nm)