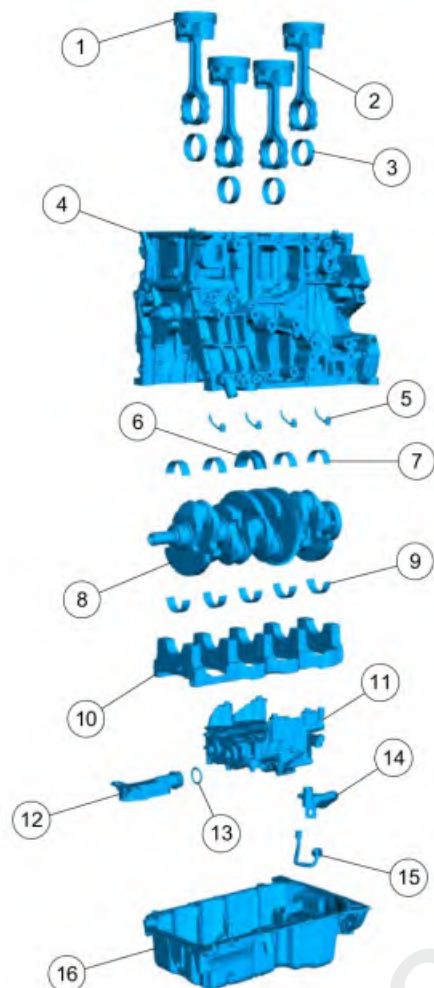


17	6K318	Crankshaft rear oil seal
18	6051	Head gasket
19	6049	Cylinder head
20	6P036	Cylinder head cover
21	9A462	Cylinder head temperature (CHT) sensor heat shield
22	6G004	CHT sensor
23	6500	Valve tappet (16 required)
24	6C524	Intake variable camshaft timing (VCT) unit
25	6C525	Exhaust variable camshaft timing (VCT) unit
26	6A271	Camshaft (intake)
27	6A272	Camshaft (exhaust)
28	â€”	Intake camshaft rear bearing cap (part of 6049)
29	â€”	Camshaft front bearing cap (part of 6049)
30	â€”	Camshaft bearing cap (part of 6049) (8 required)
31	6B297	Variable camshaft timing (VCT) oil control solenoid (2 required)
32	9A413	High-pressure fuel pump drive unit
33	12K073	Camshaft position (CMP) sensor (2 required)
34	6K271	Valve cover
35	12405	Spark plug (4 required)
36	12A366	Ignition coil-on-plugs (4 required)
37	6750	Oil indicator

Engine â€” Lower Block Components



E277013

Item	Part Number	Description
1	6110	Piston (4 required)
2	6200	Connecting rod (4 required)
3	6211	Connecting rod bearing (8 required)
4	6010	Cylinder block
5	6K868	Piston oil cooler valve (4 required)
6	6337	Cylinder block crankshaft main thrust bearing
7	6333	Cylinder block crankshaft main bearing (4 required)
8	6300	Crankshaft assembly
9	6A338	Crankshaft main bearing beam bearing (5 required)
10	â€”	Main bearing beam (part of 6010)
11	6K360	Balance shaft and oil pump assembly
12	6622	Oil pump screen and cover assembly
13	6625	Oil pump screen and cover assembly O-ring
14	6716	Oil filter inlet tube
15	6718	Oil filter outlet tube
16	6675	Oil pan

Diagnosis and Testing

Engine

1. For basic mechanical concerns,
REFER to: Engine (303-00 Engine System - General Information, Diagnosis and Testing).
For driveability concerns, Refer to Powertrain Control/Emissions Diagnosis (PC/ED) manual.
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