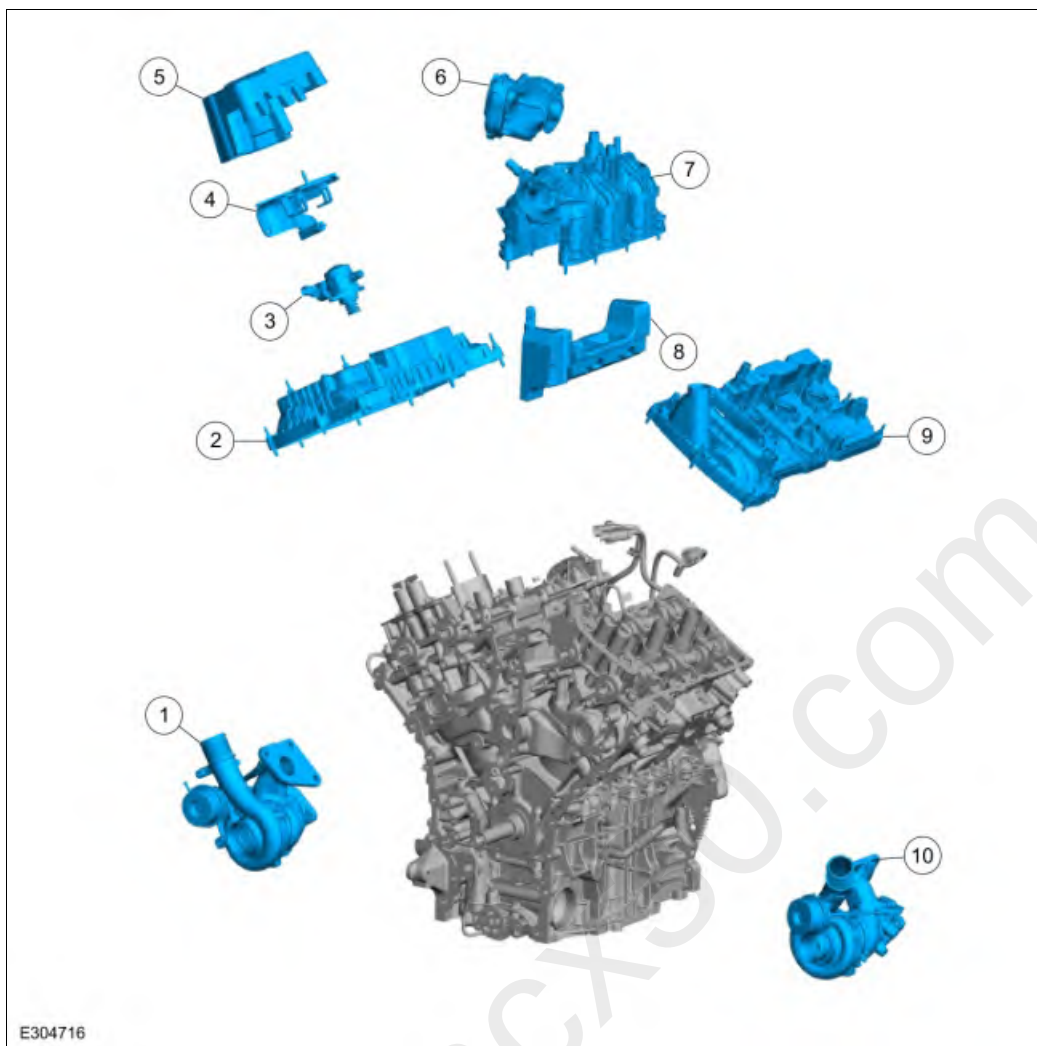


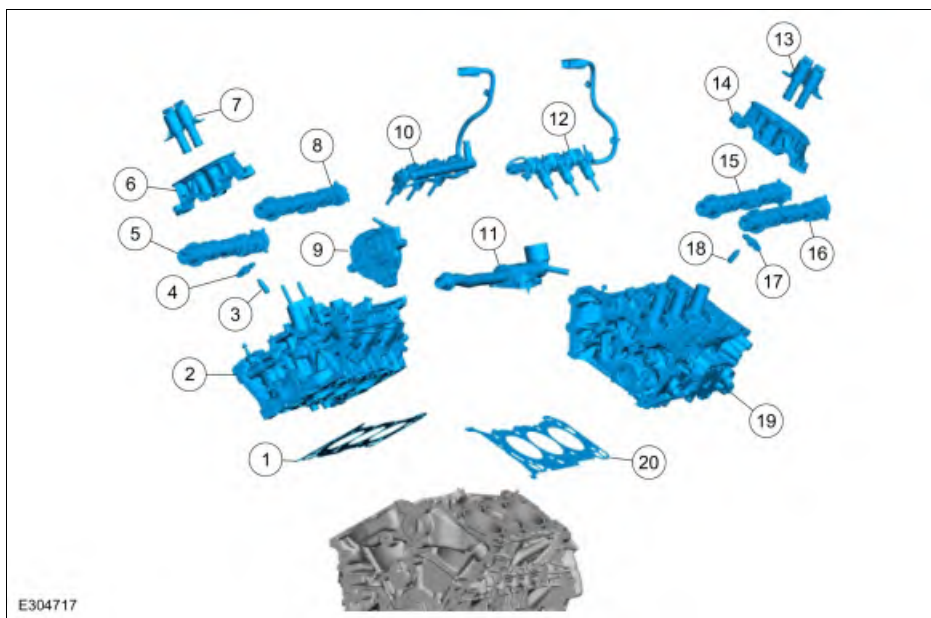
17	6306	Crankshaft sprocket
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Engine " Upper Components (1 of 2)



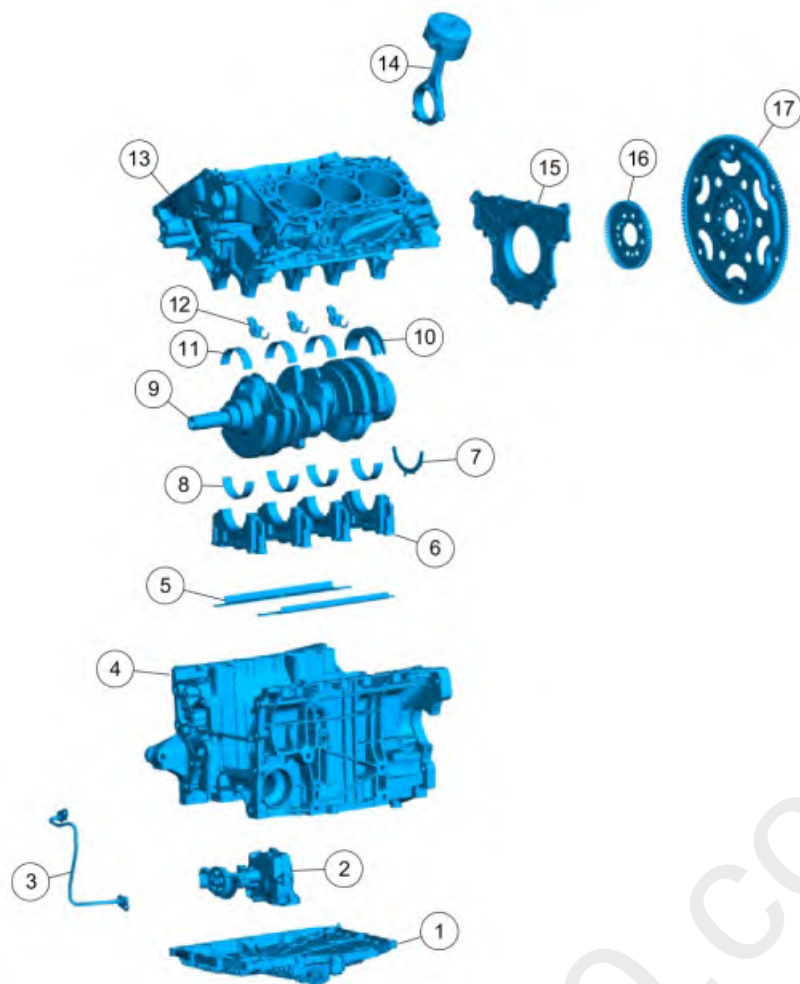
Item	Part Number	Description
1	6K682	RH turbocharger
2	6582	RH valve cover
3	9D376	High pressure fuel pump
4	9A397	High pressure fuel pump shield
5	9U550	High pressure fuel pump insulator
6	9F991	Throttle body
7	9424	Intake manifold
8	9U550	Insulator
9	6582	LH valve cover
10	6C879	LH turbocharger

Engine " Upper Components (2 of 2)



Item	Part Number	Description
1	6051	RH cylinder head gasket
2	6049	RH cylinder head
3	6500	Hydraulic lash adjuster (12 required)
4	6564	Roller follower (12 required)
5	6250	RH exhaust camshaft
23	â€”	Camshaft bearing cap (part of 6049)
7	6C524/6C525	Variable Camshaft Timing (VCT) solenoid (2 required)
8	6250	RH intake camshaft
9	2A451	Vacuum pump
10	9F792	RH Fuel rail
11	8592	Coolant outlet connector pipe
12	9F792	LH Fuel rail
13	6C524/6C525	Variable Camshaft Timing (VCT) solenoid (2 required)
23	â€”	Camshaft bearing cap (part of 6049)
15	6250	LH intake camshaft
16	6250	LH exhaust camshaft
17	6564	Roller follower (12 required)
18	6500	Hydraulic lash adjuster (12 required)
19	6049	LH cylinder head
20	6051	LH cylinder head gasket

Engine â€” Lower Components



E304718

Item	Part Number	Description
1	6675	Oil pan
2	6600	Oil pump
	6L630	Oil pump return tube
4	6U004	Engine block skirt stiffener
5	6D321	Crankshaft main bearing cap support brace (2 required)
6	â€”	Crankshaft main bearing cap (part of 6010) (4 required)
7	6K302	Lower thrust washer
8	6A338	Crankshaft lower main bearing (4 required)
9	6303	Crankshaft
10	6337	Crankshaft upper thrust main bearing
11	6333	Crankshaft upper main bearing (3 required)
12	6A340	Piston oil coolers (3 required)
13	6010	Cylinder block
14	6100	Piston and rod assembly (6 required)
15	6K318	Crankshaft rear seal retainer plate
16	12A227	Crankshaft sensor ring
17	6375	Flexplate

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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