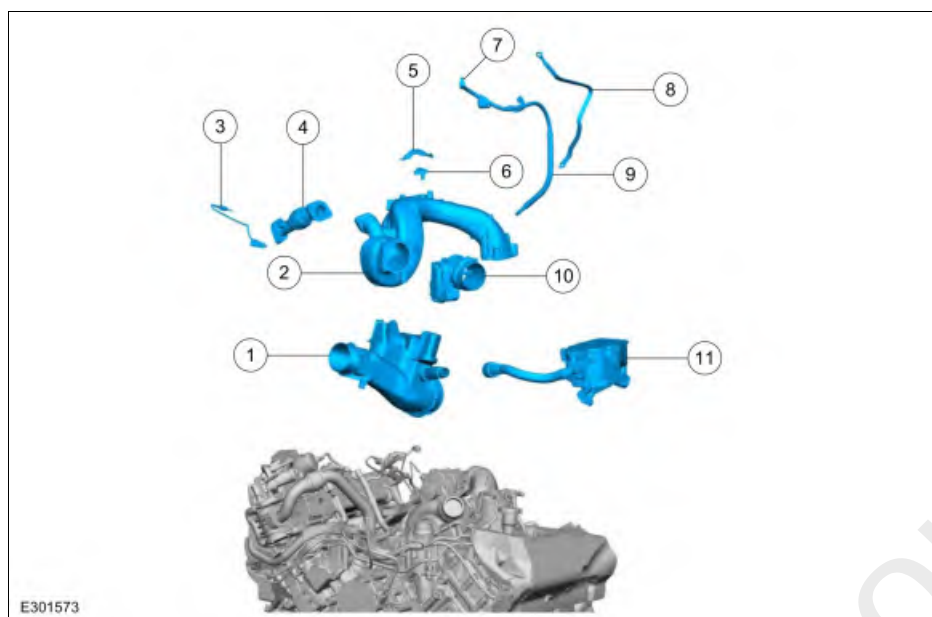


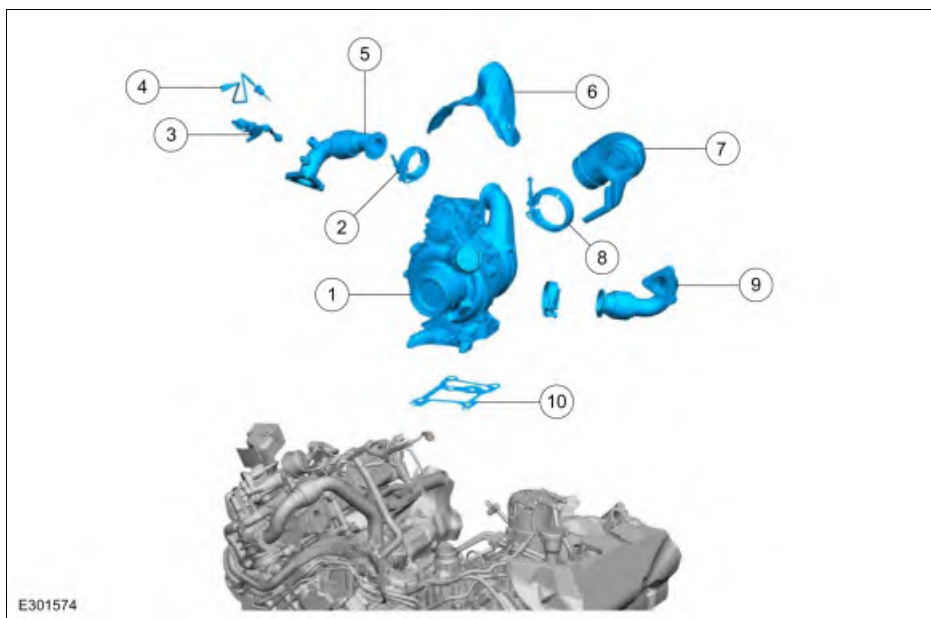
Engine Component View

Intake Manifolds and Crankcase Vent Oil Separator



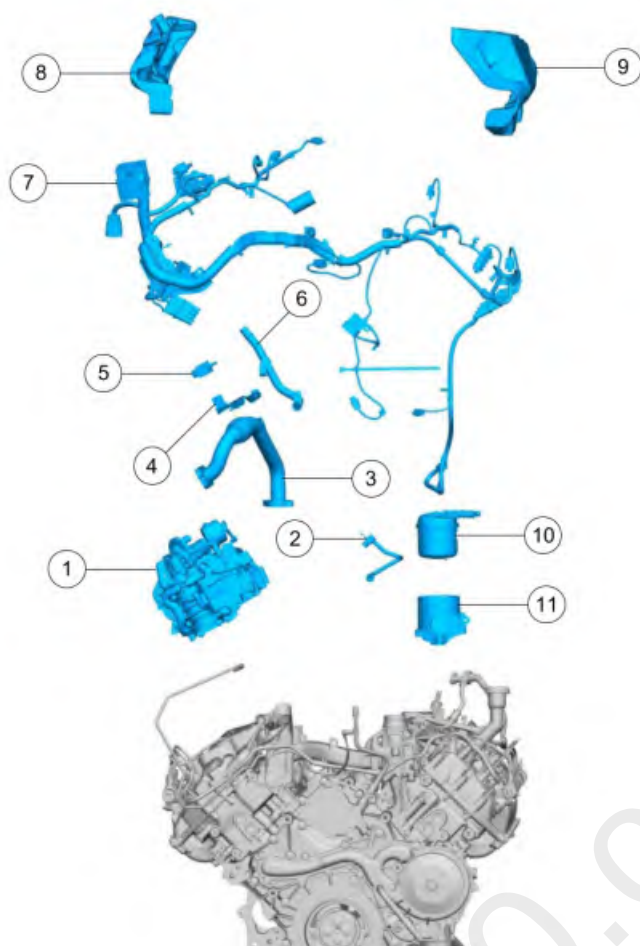
Item	Part Number	Description
1	9424	Lower intake manifold
2	9424	Upper intake manifold
3	12B591	EGRT (exhaust gas recirculation temperature) sensor
4	9H449	EGR (exhaust gas recirculation) cooler outlet tube
5	9J444	Intake manifold support
6	9F479	MAP (manifold absolute pressure) sensor
7	6750	Oil level indicator
8	19A095	Radio frequency interference suppression ground strap assembly
9	6754	Oil level indicator tube
10	9E926	TB (throttle body)
11	6A785	Crankcase vent oil separator

Turbocharger



Item	Part Number	Description
1	6K682	Turbocharger
2	8287	Turbocharger inlet pipe clamp (2 required)
3	9F459	EGR EP (exhaust pressure) tube assembly
4	12B591	EGRT sensor
5	9G437	RH turbocharger inlet pipe
6	9G478	Turbocharger heat shield
7	6N646	Turbocharger downpipe
8	8287	Turbocharger downpipe clamp
9	9G437	LH turbocharger inlet pipe
10	6466	Turbocharger gasket

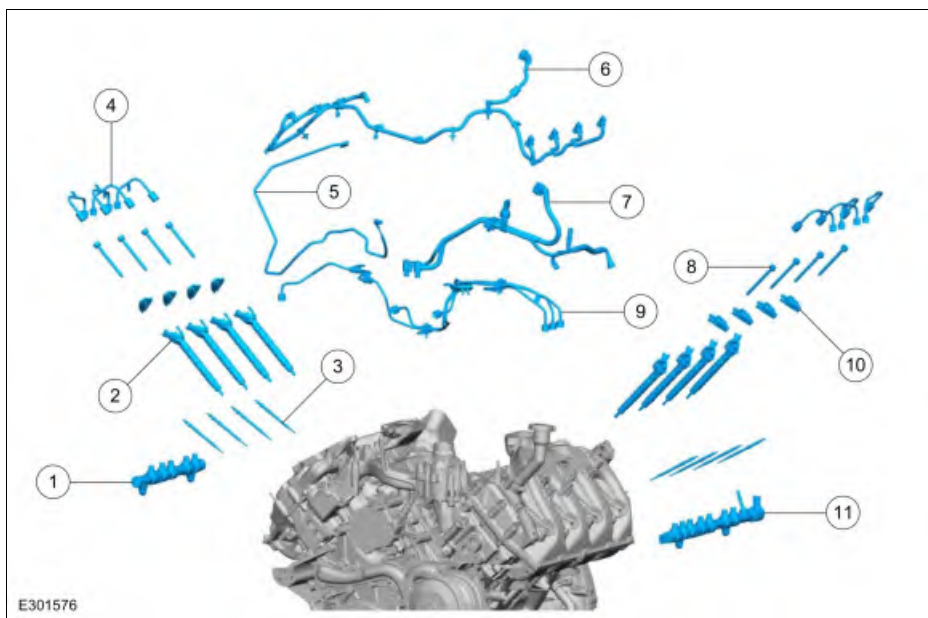
EGR (exhaust gas recirculation) Cooler and Wire Harness



E301575

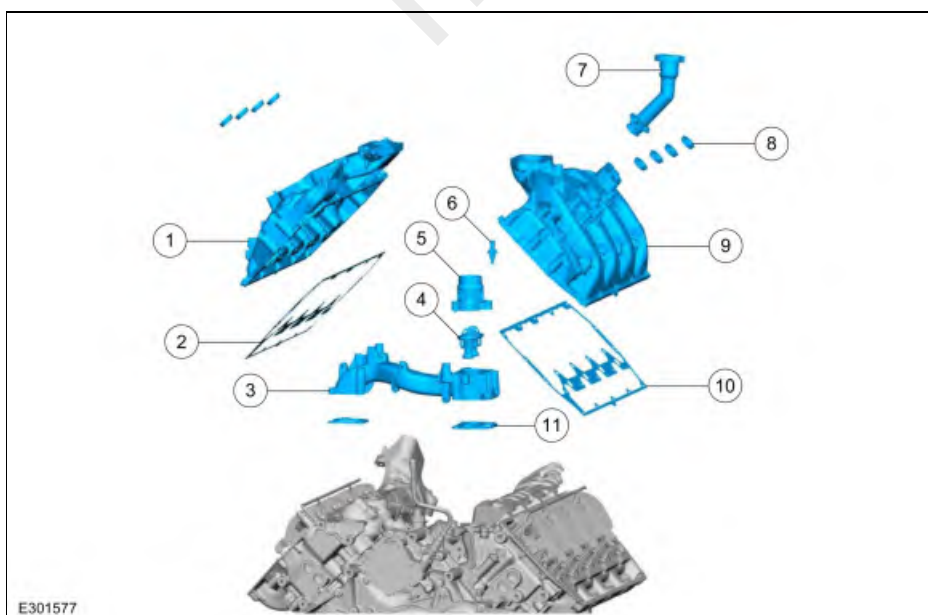
Item	Part Number	Description
1	6748	EGR cooler assembly
2	8A520	Turbocharger coolant outlet tube
3	9E469	EGR cooler inlet tube
4	9L456	EGR cooler inlet tube bracket
5	9F454	EGR vacuum control switch
6	18696	Heater water inlet tube
7	12B637	Engine control sensor and fuel charge wiring assembly
8	6K089	LH (left hand) engine noise insulator cover
9	6K089	RH (right hand) engine noise insulator cover
10	9N184	Secondary fuel filter
11	9A335	Secondary fuel filter bracket

Fuel Injectors and Pipes



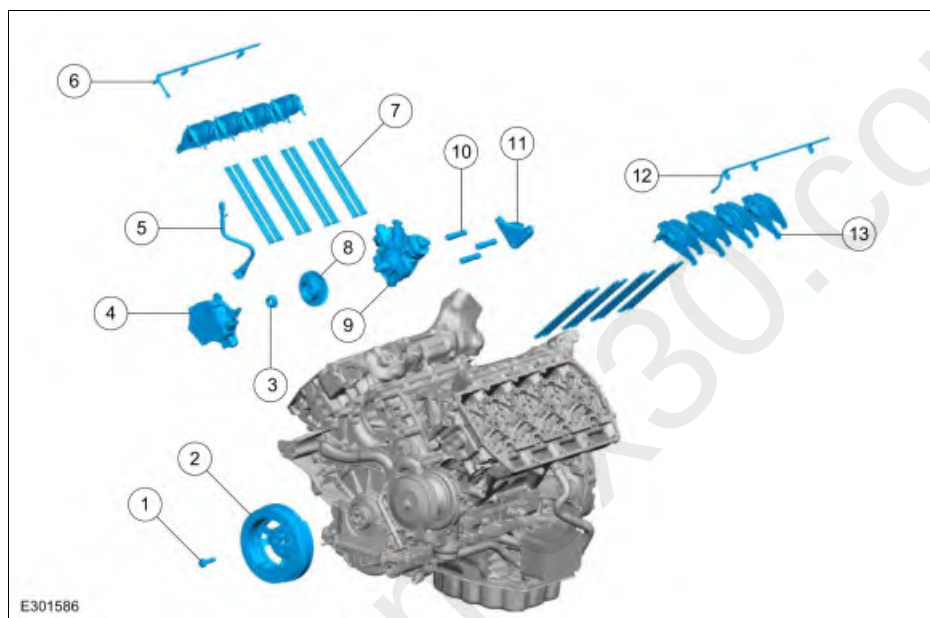
Item	Part Number	Description
1	9D280	RH (right hand) fuel rail
2	9E527	Fuel injector (8 required)
3	12A342	Glow plug (8 required)
4	9A337	Fuel injector supply tube (8 required)
5	9D430	Vacuum hose connector assembly
6	9K022	Fuel injector return hose assembly
7	9J280	Fuel injection pump supply tube assembly
8	00812	Fuel injector retainer clamp bolt (8 required)
9	9E964	Fuel rail supply tube assembly
10	9C334	Fuel injector retainer clamp (8 required)
11	9D280	LH (left hand) fuel rail

Valve Covers and Coolant Crossover



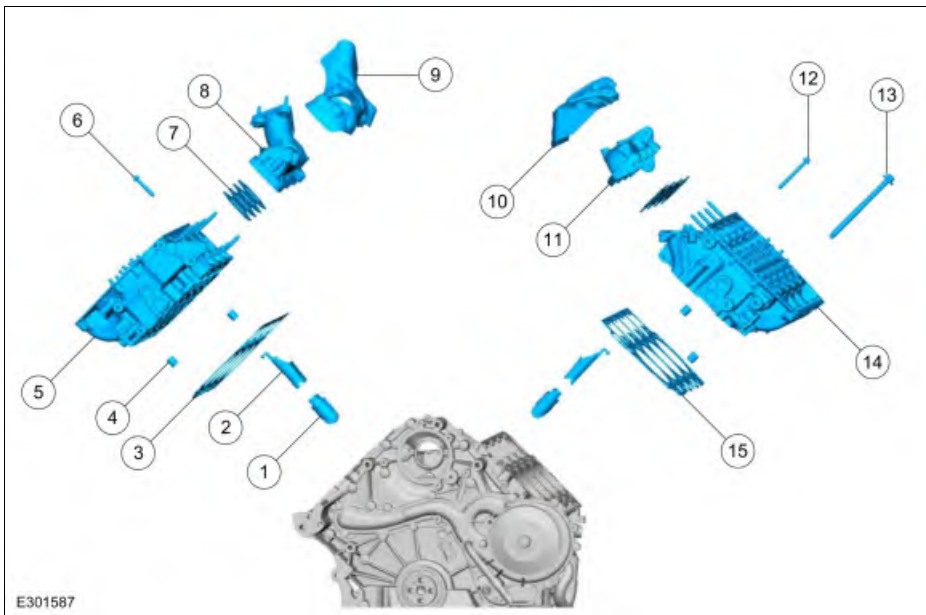
Item	Part Number	Description
1	6582	RH valve cover
2	6584	RH valve cover gasket
3	8C368	Engine coolant crossover
4	8575	Coolant thermostat assembly
5	8592	Coolant outlet connector
6	12A648	Engine coolant temperature sensor
7	6766	Oil fill pipe
8	6C535	Valve cover seal (8 required)
9	6582	LH valve cover
10	6584	LH valve cover gasket
11	8C387	Engine coolant crossover gasket (2 required)

Valve Train and Fuel Injection Pump



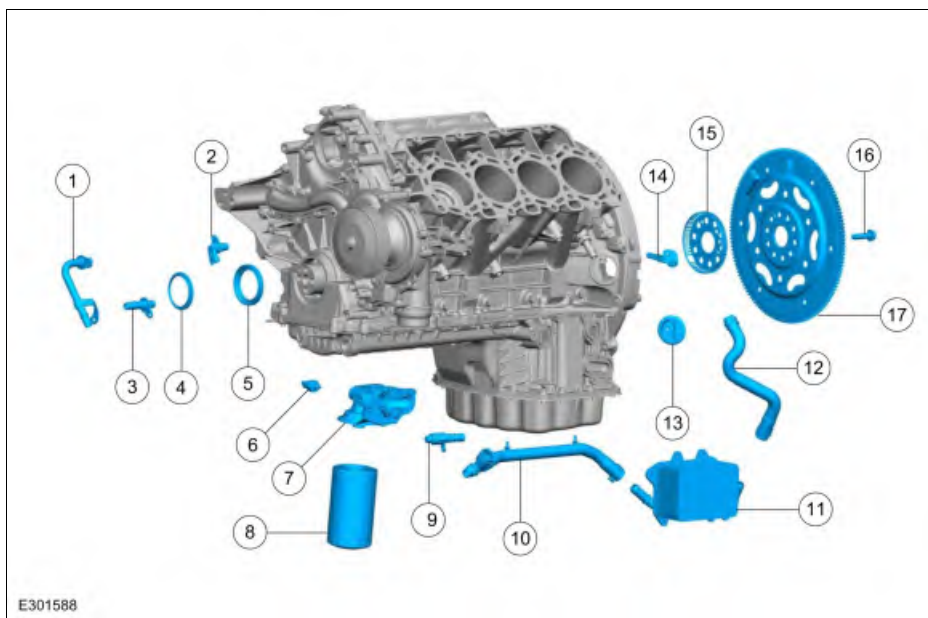
Item	Part Number	Description
1	6379	Crankshaft pulley bolt (4 required)
2	6312	Crankshaft pulley
3	00811	Fuel injection pump drive gear nut
4	2A451	Vacuum pump
5	9C493	Vacuum pump outlet manifold hose
6	6578	RH oil spray bar
7	6565	Push rod (32 required)
8	9F589	Fuel injection pump drive gear
9	9A543	Fuel injection pump
10	9N943	Fuel injection pump spacer (3 required)
11	9G290	Fuel rail supply tube bracket
12	6578	LH oil spray bar
13	6A585	Rocker arm assembly (8 required)

Cylinder Head and Exhaust Manifold



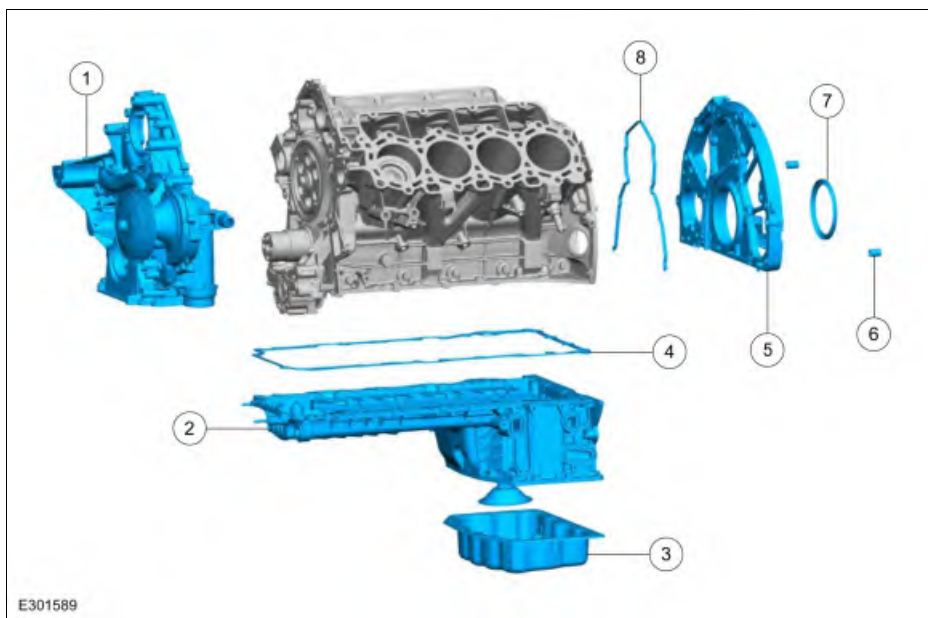
Item	Part Number	Description
1	6500	Valve tappet (16 required)
2	6K564	Valve tappet guide (8 required)
3	6051	RH cylinder head gasket
4	6A008	Split hollow dowel (4 required)
5	6049	RH cylinder head
6	6065	Cylinder head bolt (M8) (8 required)
7	9448	Exhaust manifold gasket (2 required)
8	9430	RH exhaust manifold
9	9A462	RH exhaust manifold heat shield
10	9Y427	LH exhaust manifold heat shield
11	9430	LH exhaust manifold
12	6065	Cylinder head bolt (M8, LH cylinder head only)
13	6065	Cylinder head bolt (M12) (36 required)
14	6049	LH cylinder head
15	6051	LH cylinder head gasket

Oil Cooler and Flexplate



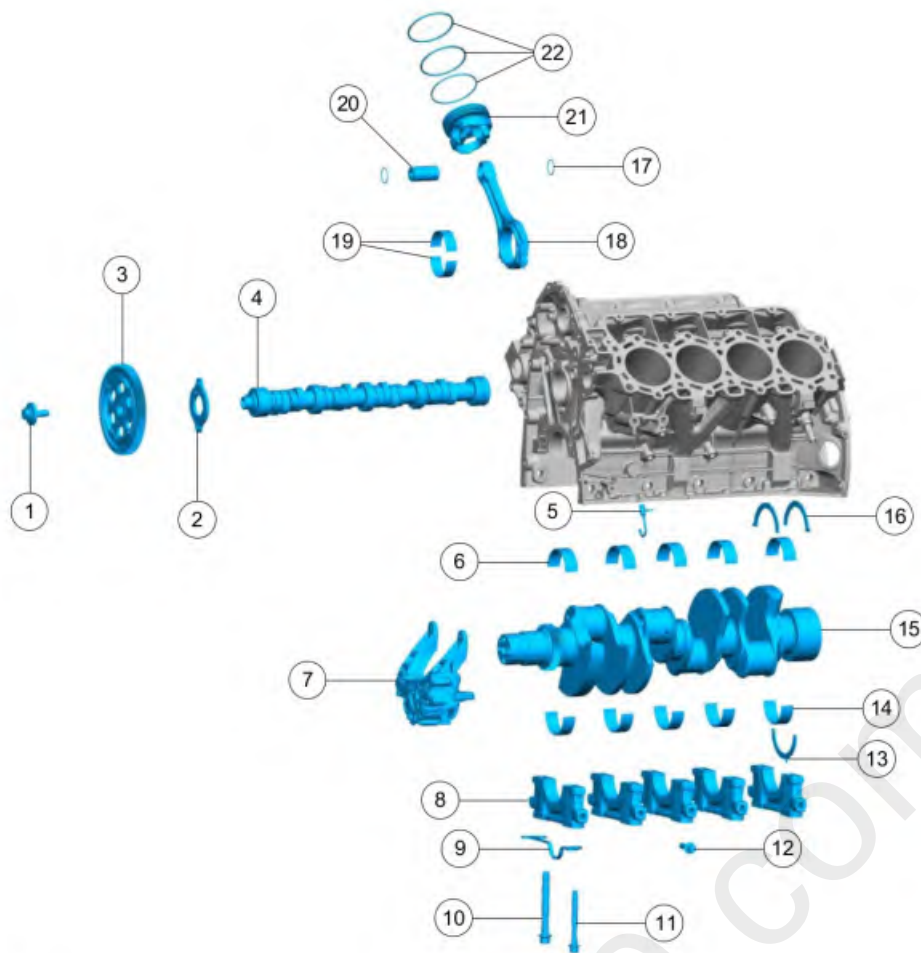
Item	Part Number	Description
1	7A030	Transmission oil cooler coolant tube
2	6B288	CMP (camshaft position) sensor
3	7A030	Transmission oil cooler coolant tube
4	6310	Front crankshaft slinger
5	6700	Front crankshaft seal
6	9278	EOP (engine oil pressure) sensor
7	6881	Oil filter adapter
8	6731	Oil filter
9	6C880	Oil control solenoid
10	6A715	Oil cooler outlet hose
11	6A642	Oil cooler
12	6A715	Oil cooler inlet hose
13	6C070	Cylinder block opening cover
14	6C315	CKP (crankshaft position) sensor
15	12A227	Crankshaft sensor pulse ring
16	6379	Flexplate bolt (10 required)
17	6375	Flexplate

Engine Cover and Oil Pan



Item	Part Number	Description
1	6019	Engine front cover
2	6U004	Upper oil pan
3	6675	Lower oil pan
4	6710	Upper oil pan gasket
5	6D082	Engine rear cover
6	6397	Engine rear cover dowel (4 required)
7	6701	Crankshaft rear seal
8	6D083	Engine rear cover gasket

Camshaft, Crankshaft and Piston

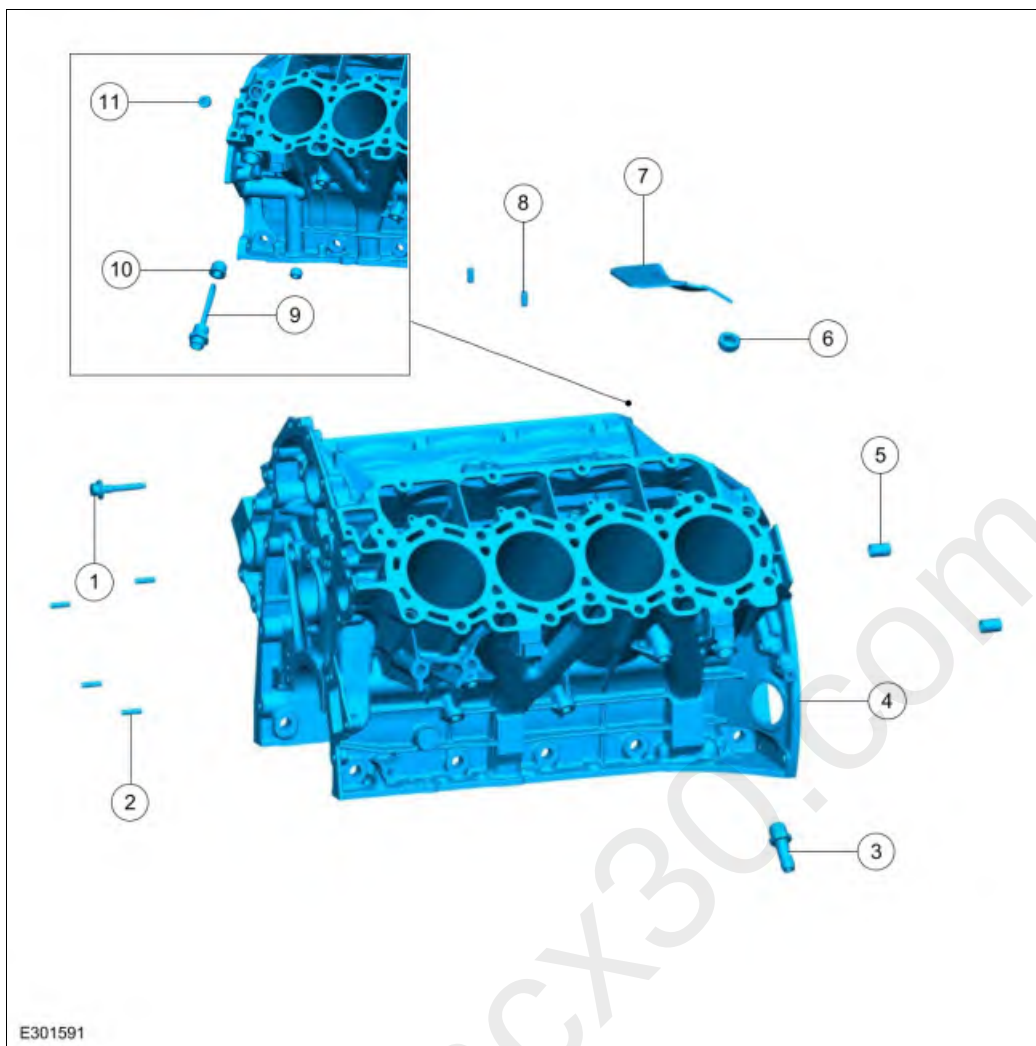


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Item	Part Number	Description
1	6279	Camshaft gear bolt
2	6269	Camshaft thrust plate
3	6A303	Camshaft gear
4	6250	Camshaft
5	6K868	Piston cooling tube (8 required)
6	6D309	Upper crankshaft bearing (5 required)
7	6600	Oil pump assembly
8	6010	Crankshaft main bearing cap (5 required) Part of 6010)
9	6B754	Oil pump support bracket
10	6345	Crankshaft main bearing cap bolt (M15, inner) (10 required)
11	6345	Crankshaft main bearing cap bolt (M12, inner) (10 required)
12	6345	Crankshaft main bearing cap side bolt (M15) (10 required)
13	6K302	Crankshaft main bearing lower thrust washer
14	6D309	Lower crankshaft bearing (5 required)
15	6303	Crankshaft
16	6A341	Crankshaft main bearing upper thrust washer (2 required)
17	6140	Piston pin retaining ring (16 required)
18	6200	Connecting rod (8 required)
19	6211	Connecting rod bearing (8 required)
20	6135	Piston pin (8 required)
21	6108	Piston (8 required)

22	6148	Piston ring set (8 required)
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Cylinder Block Parts



Item	Part Number	Description
1	00812	Fuel injection pump mounting bolt (3 required)
2	W525585	Spring steel roll pin (4 required)
3	8592	Oil cooler inlet fitting
4	6010	Cylinder block
5	6397	Engine rear cover dowel (4 required)
6	W701548	3/4 x 14 Socket hex plug
7	9G478	Turbocharger heat shield
8	W706860	Turbocharger alignment dowel (2 required)
9	6A051	Block heater
10	W528208	M27 x 2 x 16 Socket hex plug (without block heater)
11	6026	1/2 x 14 Socket hex plug (2 required)