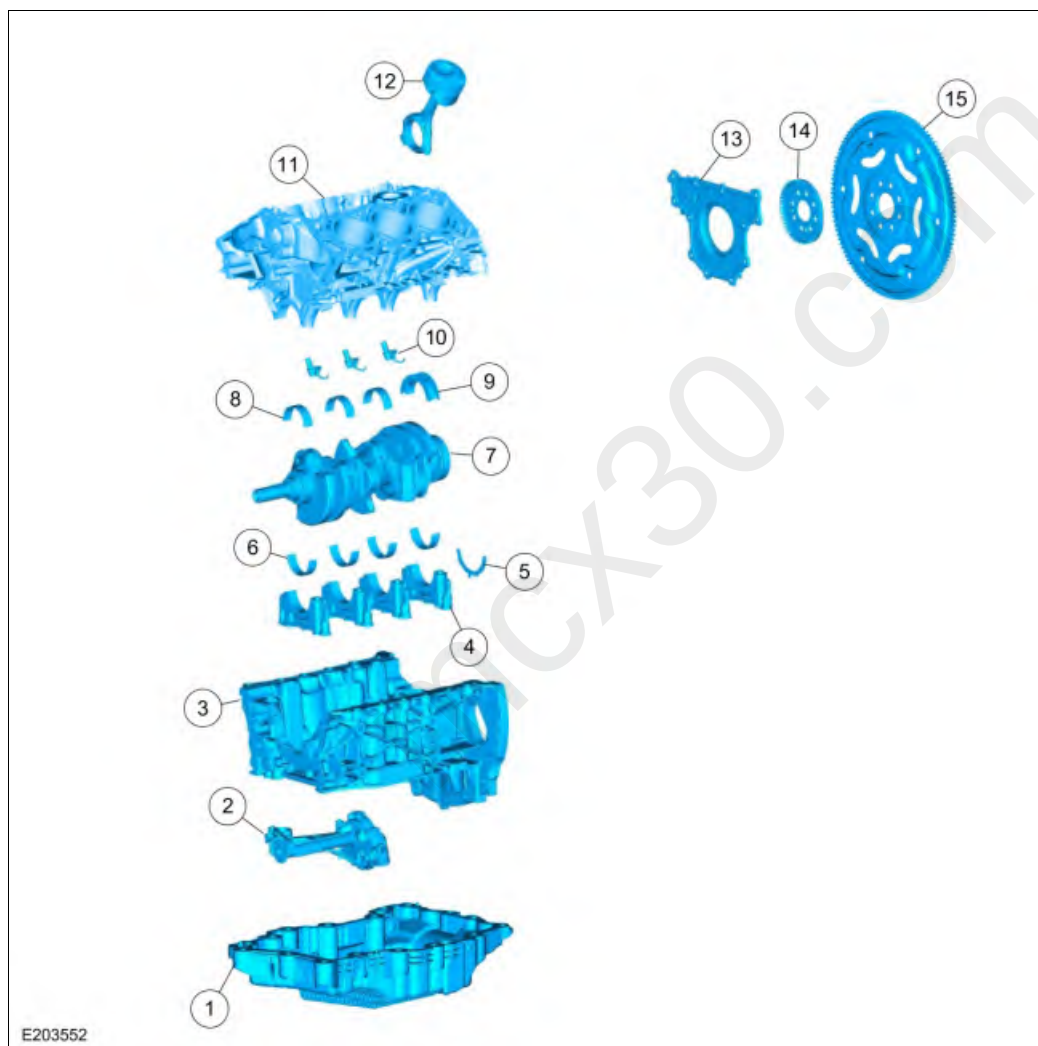


19	19A216	Idler pulley
20	6C524	LH intake variable Camshaft Timing (VCT) unit
21	6C525	LH exhaust variable Camshaft Timing (VCT) unit
22	6268	LH timing chain
23	6K255	LH timing chain tensioner arm
24	6L266	LH timing chain tensioner
25	6B651	Oil pump drive Belt
26	6306	Crankshaft sprocket
27	6306	Crankshaft sprocket
28	6B274	LH timing chain guide

Engine â€” Lower Components



Item	Part Number	Description
1	6675	Oil pan
2	6600	Oil pump
3	6U004	Engine block skirt stiffener
4	â€”	Crankshaft main bearing cap (part of 6010) (4 required)
5	6K302	Lower thrust washer
6	6A338	Crankshaft lower main bearing (4 required)
7	6303	Crankshaft

8	6333	Crankshaft upper main bearing (3 required)
9	6337	Crankshaft upper thrust main bearing
10	6A340	Piston oil coolers (3 required)
11	6010	Cylinder block
12	6100	Piston and rod assembly (6 required)
13	6K318	Crankshaft rear seal retainer plate
14	12A227	Crankshaft sensor ring
15	6375	Flexplate

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Engine - Overview

Overview

The 2.7L Gasoline Turbocharged Direct Injection (GTDI) (4V) is a V-6 engine with the following features:

- Dual overhead camshafts
- Four valves per cylinder
- Gasoline Turbocharged Direct Injection (GTDI)
- Composite intake manifold
- Aluminum cylinder heads
- Compacted graphite iron cylinder block
- Twin independent variable cam timing (Ti-VCT)
- An electronic ignition system with 6 ignition coils
- Variable displacement oil pump

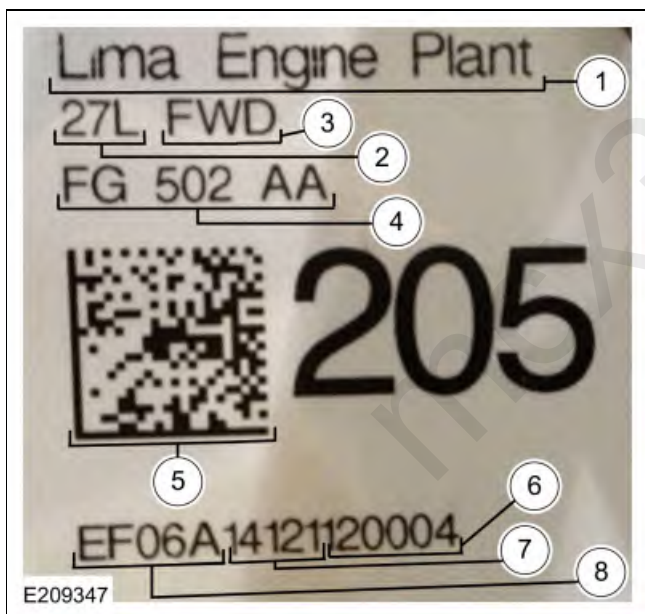
Engine Identification

For quick identification, refer to the safety certification decal.

The decal is located on the LH front door lock face panel.

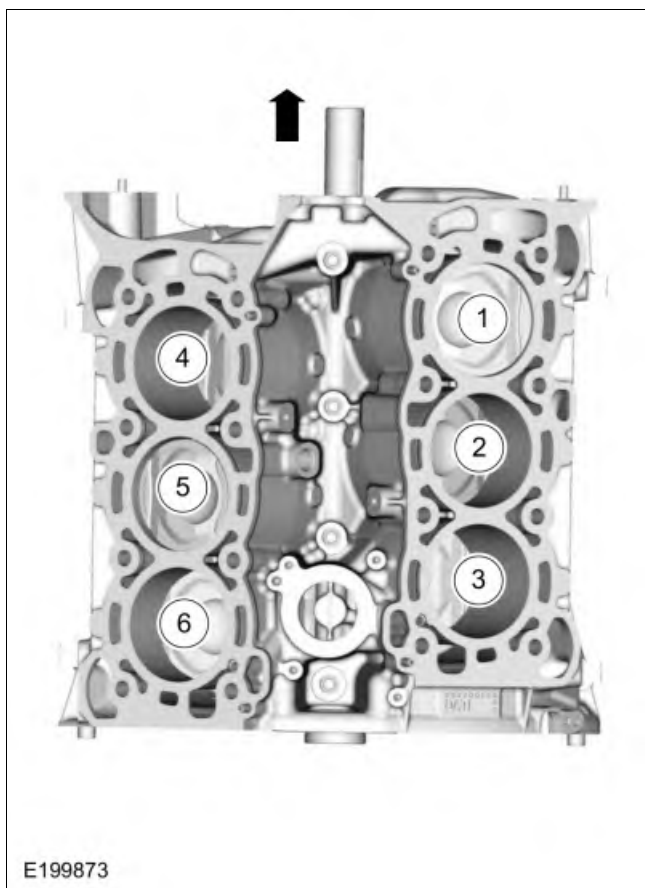
Engine Code Information Label

The engine code information label, located on the rear of the vacuum pump and on the LH valve cover, contains the following:



Item	Description
1	Engine Plant
2	Engine Displacement
3	Drive Type
4	Engine Part Number
5	2D Data Matrix
6	Serial number
7	Engine build date YYDDD (DDD=Julian Date [001-365])
8	Supplier Code

Engine Cylinder Identification



System Operation

Oil Flow

