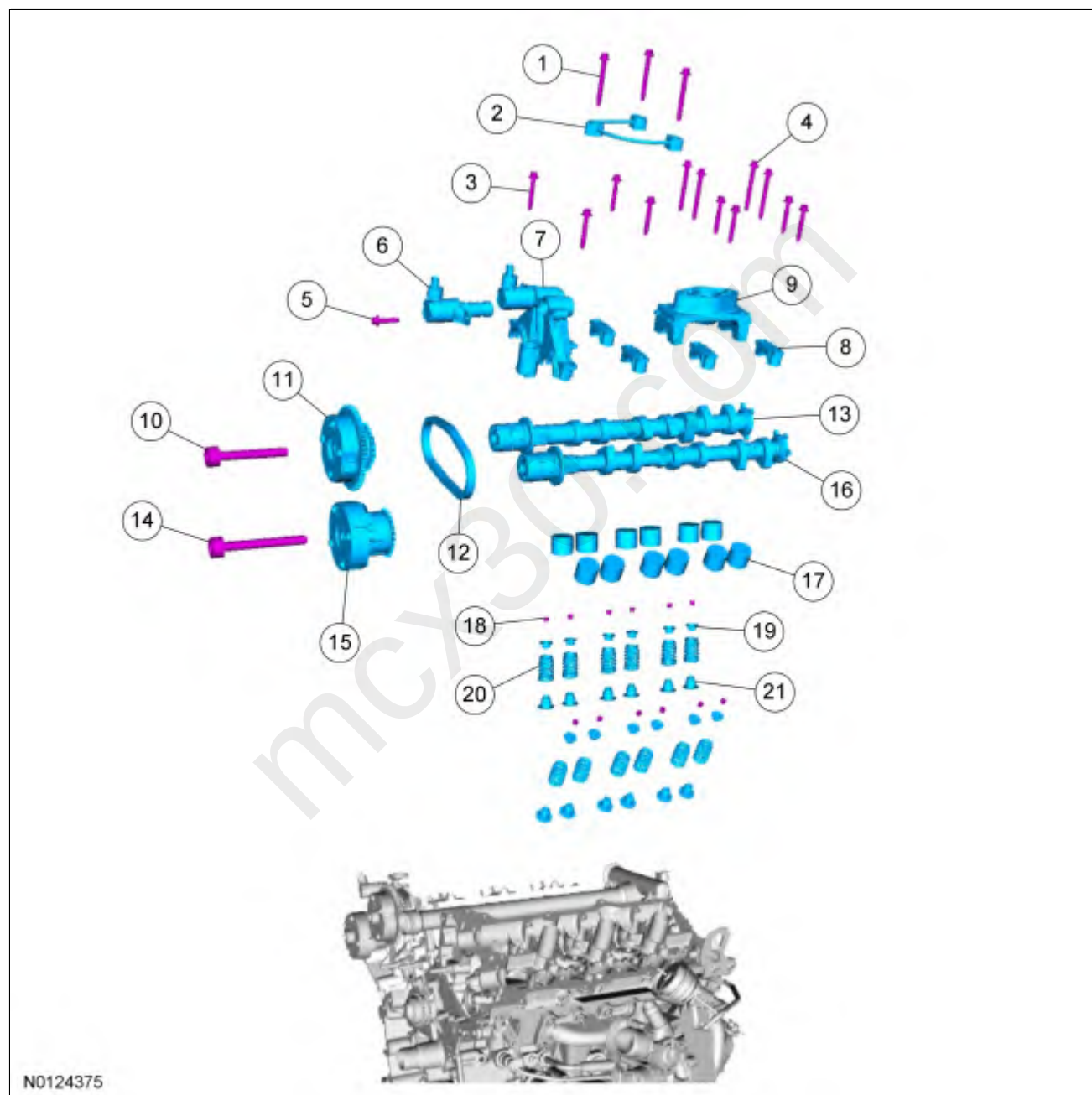


SECTION 303-01A: Engine — 3.5L GTDI
IN-VEHICLE REPAIR

2014 F-150 Workshop Manual
Procedure revision date: 10/25/2013

Valve Train Components — Exploded View

NOTE: LH shown, RH similar.



Item	Part Number	Description
1	W500305	Valve train oil tube bolt (3 required)
2	6K602	Valve train oil tube

3	W710702	Camshaft cap bolt (8 required)
4	W500306	Camshaft cap bolt (4 required)
5	W500215	Exhaust camshaft Variable Camshaft Timing (VCT) oil control solenoid bolt
6	6M280	Exhaust camshaft <u>VCT</u> oil control solenoid
7	6B280	Camshaft mega cap
8	6A258	Camshaft cap (4 required)
9	6A258	Camshaft cap
10	6279	Intake camshaft <u>VCT</u> assembly bolt
11	6256	Intake camshaft <u>VCT</u> assembly
12	6268	LH secondary timing chain
13	6250	Intake camshaft
14	6279	Exhaust camshaft <u>VCT</u> assembly bolt
15	6C525	Exhaust camshaft <u>VCT</u> assembly
16	6250	Exhaust camshaft
17	6500	Valve tappet (12 required)
18	6518	Valve spring retainer key (24 required)
19	6514	Valve spring retainer (12 required)
20	6513	Valve spring (12 required)
21	6571	Valve stem seal (12 required)

1. Refer to the procedures and/or exploded views in this section for any Warnings, Notices, Notes, Materials, Specifications, and Special Tools. Items in the exploded views may not be listed in order of removal.

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