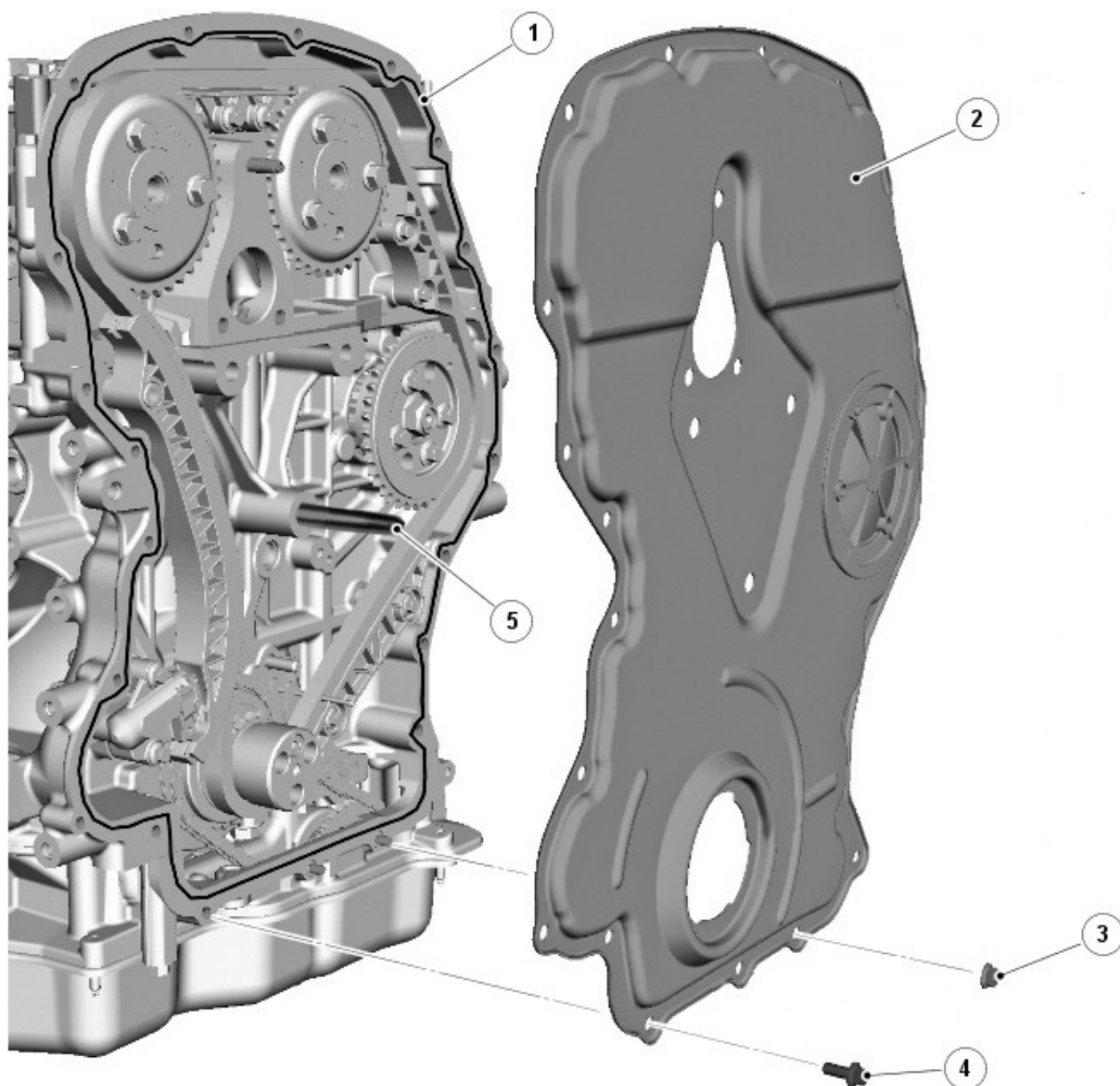


pulley/ torsional vibration damper to the crankshaft via holes in the crankshaft sprocket. The inlet and exhaust camshaft sprockets are aligned on their respective camshafts using a spigot tool and a timing peg. Once they are in their correct position, three bolts are used to secure each camshaft sprocket to their camshaft.

The primary drive chain has an hydraulic tensioner, operated by engine oil, which acts on a pivoting flexible tensioner blade. Chain guides are installed on the drive side of the primary chain. The primary chain is lubricated via an oil squirt tube located centrally at the front of the engine block.

The secondary chain tensioner is spring operated and acts directly on the chain. The secondary chain is splash lubricated with oil from the skirt stiffener and oil pan assembly.

## Front Cover



E139013

Item	Part Number	Description
1	-	Sealant bead
2	-	Front cover
3	-	Nut (2 off)
4	-	Bolt (20 off)
5	-	Guide pin

The pressed steel front cover is attached to the front of the cylinder block, the cylinder head and the skirt stiffener with 20 bolts and 2 nuts, and sealed with a bead of RTV silicon sealant.