

29	Cylinder head cover on cylinder head centring pin	
30	Camshaft bearing cap, timing side	
31	Camshaft bearing cap bolts, timing side	10Nm +/-1Nm ; Prior to tightening the bearing assembly (marks: 16, 24, 28, 30) to 4Nm in the order, bolts 1 to 22 ; then tightening 10Nm +/-1Nm in the order, bolts 1 to 22
32	Camshaft bearing cap guides, timing side	
33	Cylinder head	(see 11A, Top and front of engine, Cylinder head: Removal - Refitting)
34	Timing end lifting eye bolts	25Nm +/-4Nm
35	Timing end lifting eye	Cylinder head: Stripping - Rebuilding
36	Cylinder head bolts	25Nm +/-2Nm / 270° +/- 20° ; tightening at 20Nm in the order, then tightening 25Nm in the order, then adjustment bolts by bolts at 25Nm and 270° +/-20° in the order.
37	Inlet valve	
38	Inlet valve seat	
39	Inlet valve guide	
40	Inlet valve stem seal	
41	Inlet valve spring	
42	Inlet valve spring cupwasher	Valve: Removal - Refitting
43	Inlet valve stem wedge	Valve: Removal - Refitting
44	Inlet valve lifter	
45	Cylinder head cover central bolts	10Nm +/-2Nm
46	Spark plugs	24Nm +/-4Nm
47	Ignition coil	
48	Ignition coil bolt	10Nm +/-2Nm
49	Design cover fixing reinforcement ring	
50	Design cover bolts	8Nm +/-1Nm
51	Design cover	



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XSL version : 3.02 du 22/07/11

CYLINDERHEAD ASSEMBLY: EXPLODED VIEW

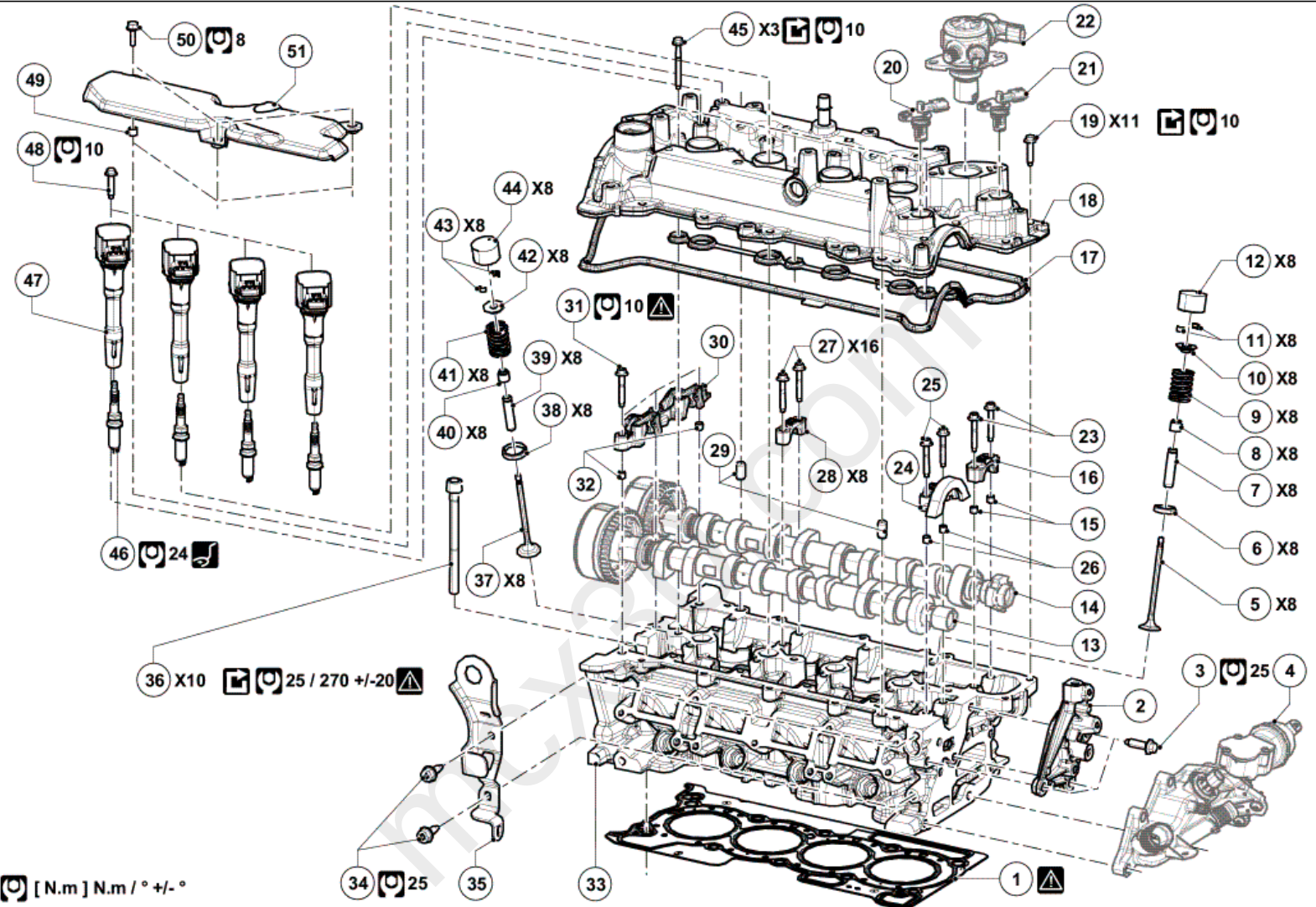


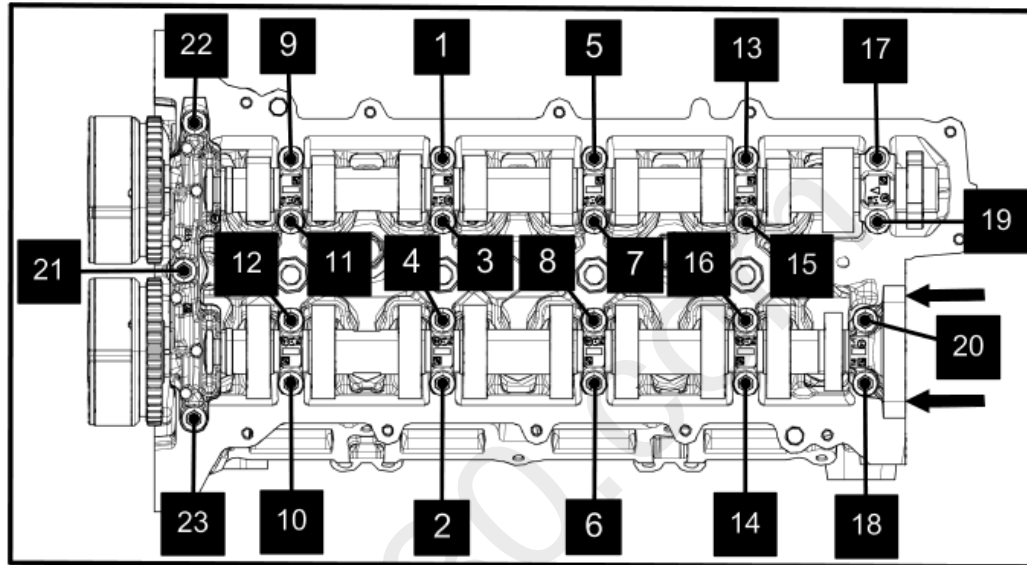
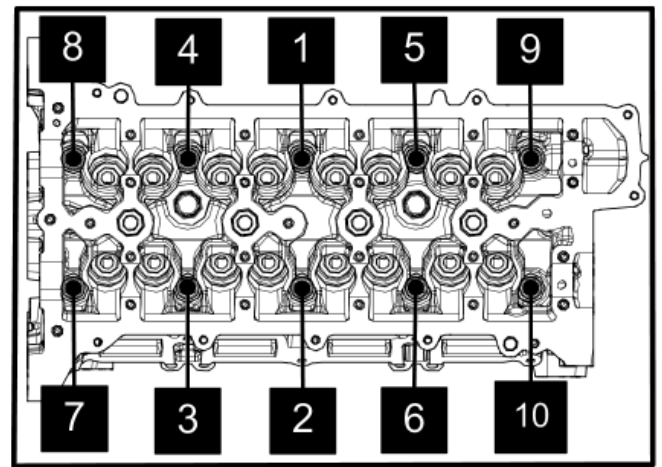
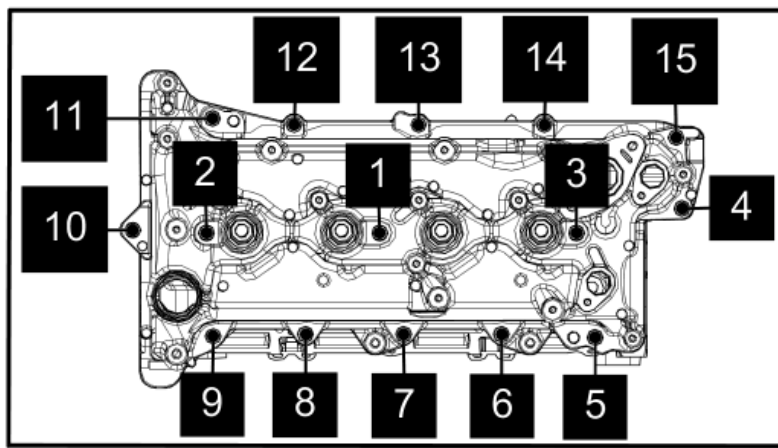
Note, one or more warnings are present in this procedure



WARNING

Before carrying out any operation on a vehicle fitted with the Stop & Start system, always follow the safety instructions [Vehicle: Precautions for the repair](#).





[Illustration key: Description](#) .

For fastenings with no specified tightening torque values, refer to the Table of Standard Torques [Tightening torques: General information](#) .

Marks	Designations	Informations
1	Cylinder head gasket	(see 11A, Top and front of engine, Cylinder head: Removal - Refitting) ; centered on cylinder block centring sockets
2	Cylinder head closing plate	
3	Cylinder head closing plate bolt	25Nm +/-4Nm
4	Water chamber	Cooling unit : Removal - Refitting
5	exhaust valve	
6	exhaust valve seat	
7	exhaust valve guide	
8	exhaust valve stem seal	
9	exhaust valve spring	
10	exhaust valve spring cupwasher	Valve: Removal - Refitting
11	exhaust valve stem wedge	Valve: Removal - Refitting
12	exhaust valve lifter	
13	Inlet camshaft	
14	Exhaust camshaft	(see 11A, Top and front of engine, Cylinder head assembly: Exploded view)
15	Exhaust camshaft bearing cap guide	
16	Exhaust camshaft bearing cap	(see 11A, Top and front of engine, Camshaft: Removal - Refitting)
17	Cylinder head cover seal	
18	Cylinder head cover	(see 11A, Top and front of engine, Rocker cover: Removal - Refitting)
19	Cylinder head cover bolts	10 Nm +/-2Nm
20	Inlet camshaft position sensor	
21	Exhaust camshaft position sensor	
22	Gasoline injection high pressure pump	(see Injection assembly: Exploded view)
23	Exhaust camshaft bearing cap bolts	
24	Inlet camshaft bearing cap	
25	Inlet camshaft bearing cap bolts	
26	Inlet camshaft bearing cap guide	
27	Camshaft bearing cap bolts	
28	Camshaft bearing cap	(see 11A, Top and front of engine, Camshaft: Removal - Refitting)