

31	Oil pump drive sprocket	
32	Timing chain guide bolts	25 N.m +/-4
33	Oil pump chain guide shaft	
34	Timing hydraulic tensioner	(see 11A, Top and front of engine, Timing chain: Removal - Refitting)
35	Timing hydraulic tensioner bolts	10 N.m +/-2
36	Inlet timing dephaser bolt	10 N.m +/-2
37	Inlet camshaft dephaser solenoid valve	(see 11A, Top and front of engine, Camshaft dephaser solenoid valve: Removal - Refitting)
38	Timing cover seal	
39	Timing chain tensioning guide shaft	



Repair-10x02x04-02x50-1-3-1.xml



XSL version : 3.02 du 22/07/11

mcx30.com

TIMING ASSEMBLY: EXPLODED VIEW

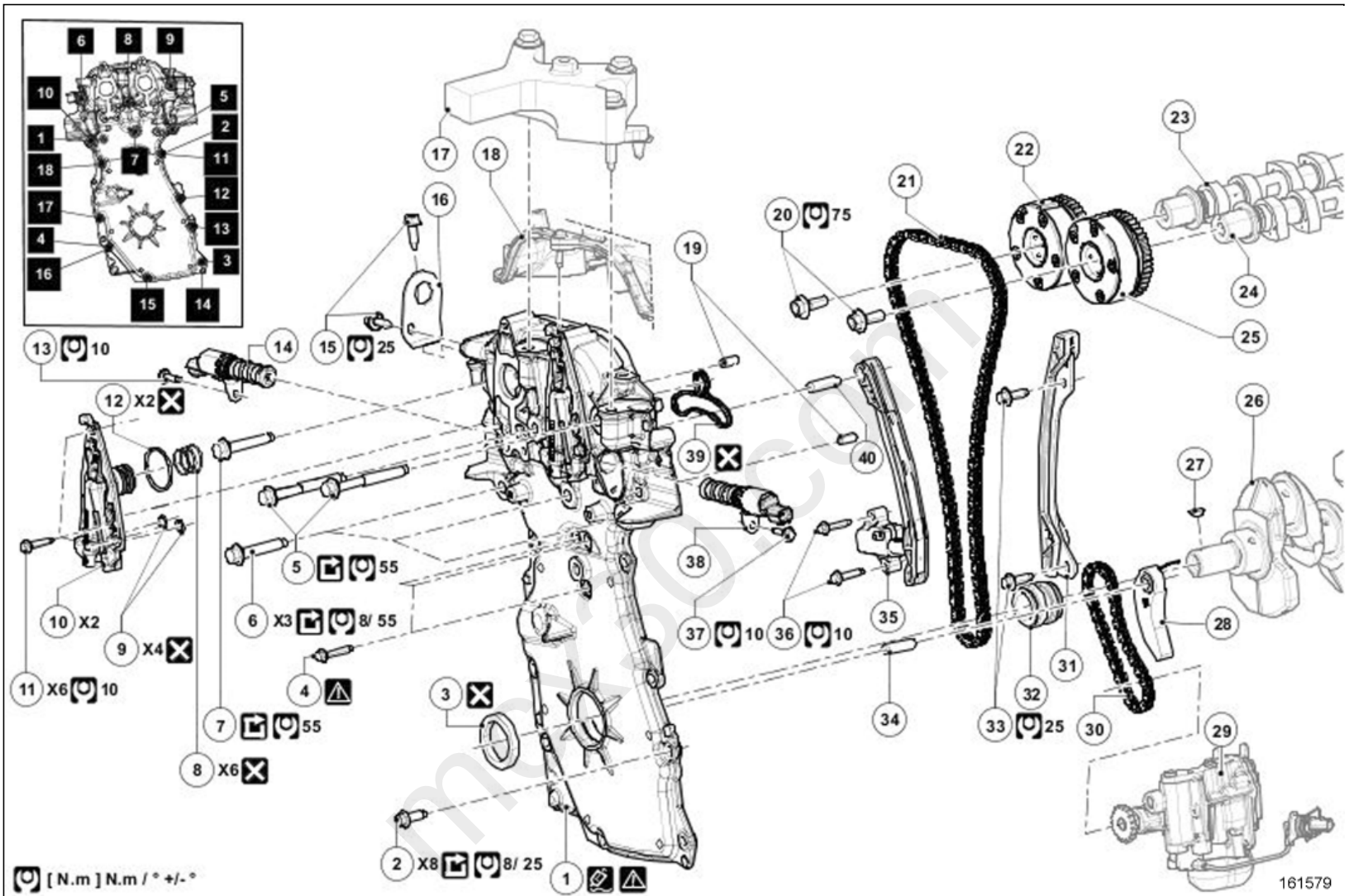


Note, one or more warnings are present in this procedure



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	Timing cover	(see 11A, Top and front of engine, Timing chain: Removal - Refitting)
2	Timing cover bolts	Tightening order: step 1: bolts 1 to 4 = 8 N.m ; step 2: bolts 5 to 10 = 55 N.m +/-8 ; step 3: bolts 11 to 18 = 25 N.m +/-5
3	Crankshaft seal on timing end	Crankshaft seal on timing end: Removal - Refitting
4	Timing cover bolts	10Nm
5	Timing cover bolts	Tightening order: step 1: bolts 1 to 4 = 8 N.m ; step 2: bolts 5 to 10 = 55 N.m +/-8 ; step 3: bolts 11 to 18 = 25 N.m +/-5
6	Timing cover bolts	Tightening order: step 1: bolts 1 to 4 = 8 N.m ; step 2: bolts 5 to 10 = 55 N.m +/-8 ; step 3: bolts 11 to 18 = 25 N.m +/-5
7	Timing cover bolts	Tightening order: step 1: bolts 1 to 4 = 8 N.m ; step 2: bolts 5 to 10 = 55 N.m +/-8 ; step 3: bolts 11 to 18 = 25 N.m +/-5
8	Camshaft dephaser oil supply cover seals	x3 air inlet side, x3 exhaust side
9	Camshaft dephaser oil supply cover seals	Diametre 8,9 mm ; x2 air inlet side, x2 exhaust side
10	Camshaft dephaser oil supply covers	
11	Camshaft dephaser oil supply cover bolt	10 N.m +/-2 ; x3 air inlet side, x3 exhaust side
12	Camshaft dephaser oil supply cover seal	Diametre 37,77 mm ; x1 air inlet side, x1 exhaust side
13	Exhaust camshaft dephaser solenoid valve bolt	10 N.m +/-2
14	Exhaust camshaft dephaser solenoid valve	(see 11A, Top and front of engine, Camshaft dephaser solenoid valve: Removal - Refitting)
15	Lifting eye bolts	25 N.m +/-4
16	Lifting eye	
17	Cylinder head suspended mounting	Engine-gearbox unit support assembly: Exploded view
18	Cylinder head cover	(see 11A, Top and front of engine, Rocker cover: Removal - Refitting)
19	Timing cover centring pins	
20	Timing sprocket bolts	75 N.m +/-7
21	Timing chain	
22	Exhaust camshaft timing sprocket	Timing sprocket: Removal - Refitting
23	Exhaust camshaft	(see 11A, Top and front of engine, Cylinder head assembly: Exploded view)
24	Inlet camshaft	
25	Inlet camshaft timing sprocket	Timing sprocket: Removal - Refitting
26	Crankshaft	Crankshaft: Removal - Refitting
27	Crankshaft accessories pulley wedge	
28	Oil pump chain tensioning guide	
29	Oil pump	Engine oil circuit assembly: Exploded view
30	Oil pump chain	