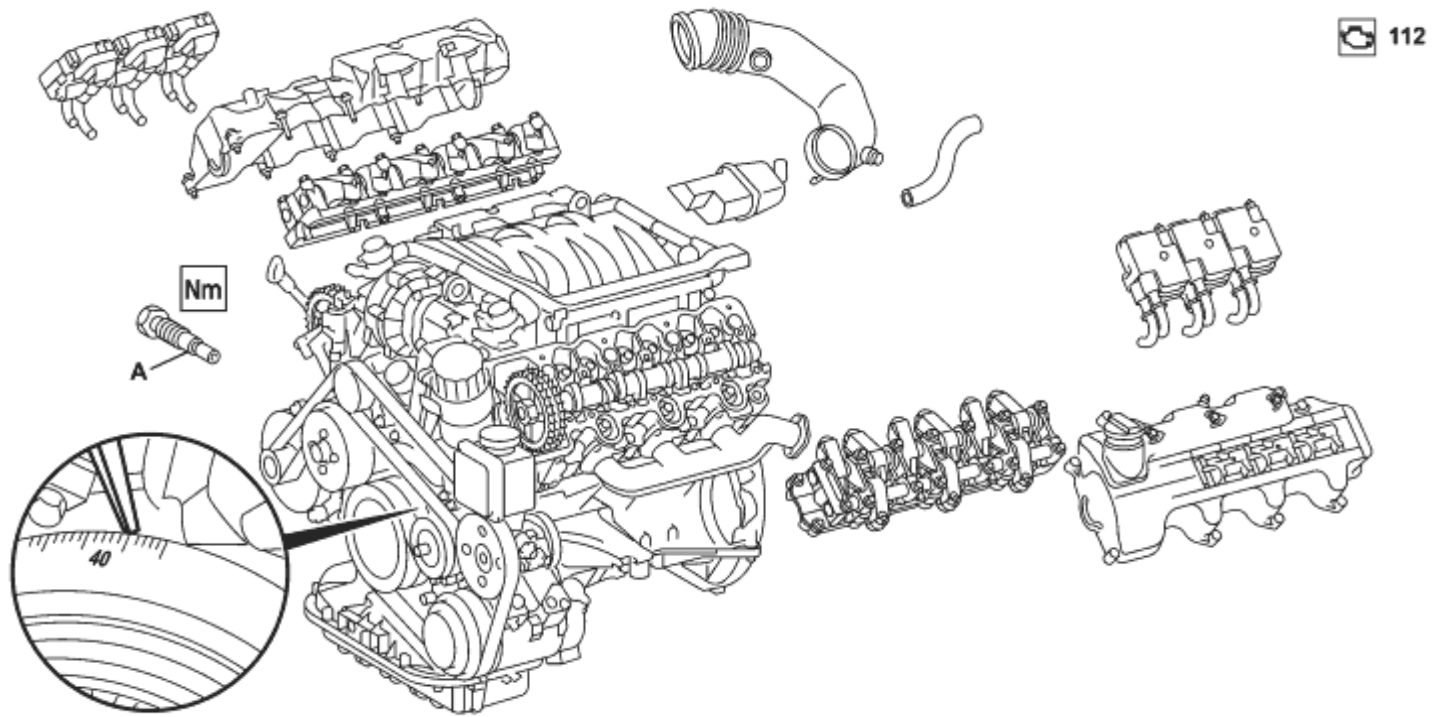
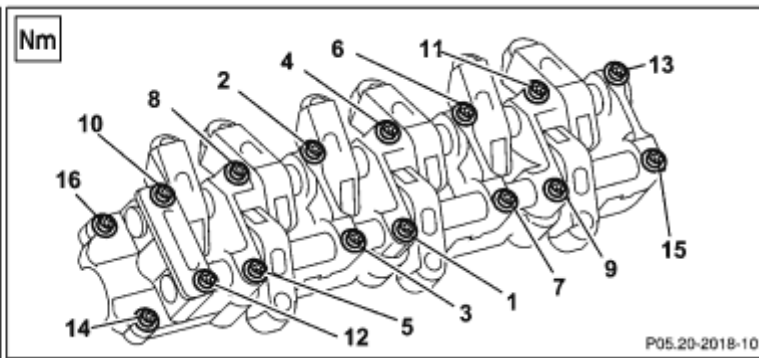
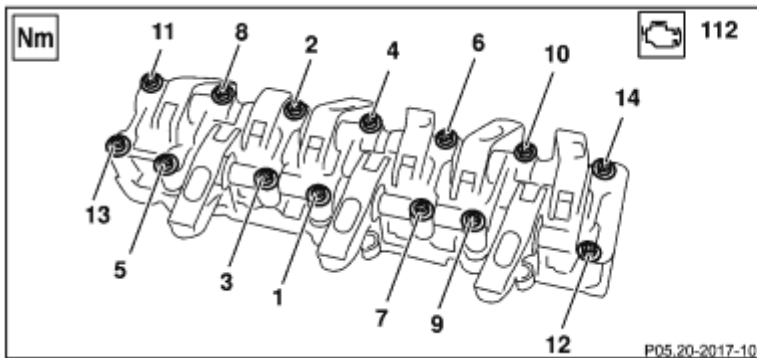


AR05.20-P-7103AU	Remove/install camshaft bearing cap	21.8.96
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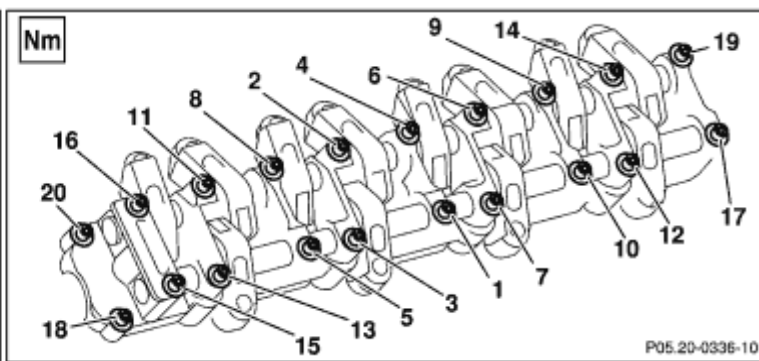
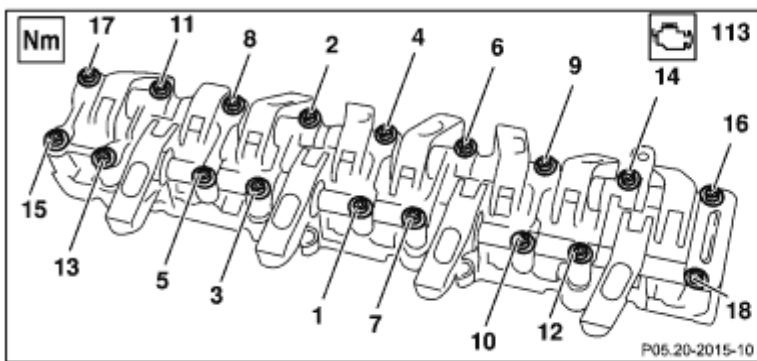
ENGINE 112, 113



P05.20-0301-09







P05.20-2019-07



P05.20-2016-07

	Remove/Install		
1	Remove cylinder head cover	Air cleaner mounted on vehicle.	AR01.20-P-5014B
		Air cleaner positioned at engine side.	AR01.20-P-5014BV
2	Position piston of cylinder 1 at 40° after TDC	Engine must not be cranked back.	AR05.10-P-6858V
		Rotate engine at crankshaft in direction of rotation until 40° marking on belt pulley/ vibration damper is	

		aligned with marking on timing case cover. The grooves on the camshafts must be pointing in direction of the inner V.	
3	Remove chain tensioner (A)	Model 163 except 163.174	AR05.10-P-7800C
		Model 163.174	AR05.10-P-7800CA
4	Remove camshaft bearing bridge	 Tie camshaft sprocket and timing chain together with a cable strap to prevent the timing chain from skipping.	
		Slacken bolts in stages in the opposite sequence to the torquing pattern. (See diagram)	
	Notes on installing camshaft bearing bridge	Engine 112 /113 except CODE (479) Cylinder shutoff	AH05.20-P-2000-01AV
			BA05.20-P-1002-01B
			BA05.20-P-1004-01B
5	Install in the reverse order		

 **Camshaft**

Number	Designation				Engine 112	Engines 113.942/965/981
BA05.20-P-1002-01B	Bolt of camshaft bearing bridge to cylinder head	M7X45	1st stage	Nm	15	15
			Step 2	4°	-	-
BA05.20-P-1004-01B	Bolt of camshaft bearing bridge to cylinder head	M7X84	1st stage	Nm	10	10
			Step 2	4°	90	90