

K8

AR15.12-P-2143G

Removing and installing, adjustable camshaft position sensor

25.5.94

ENGINE 104.941 /942 /943 /944 /991 /992 /994, 111.920 /921 /940 /941 /943 /944 /945 /946 /947 /960 /961 /973 /974 /975 /977

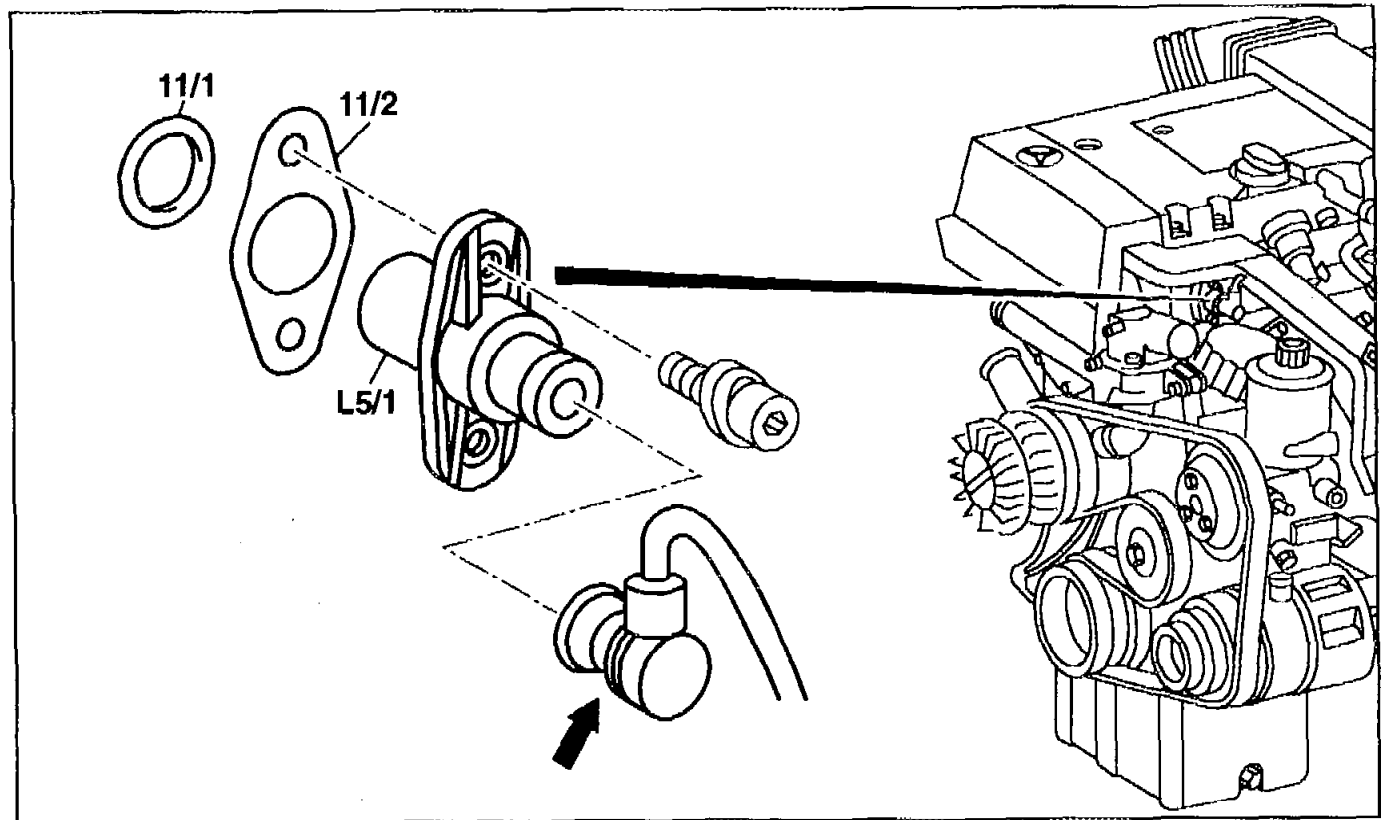
Shown on engine 111.92

11/1 Sealing ring

11/2 Shim

L5/1 Camshaft position sensor

Arrow Coupling



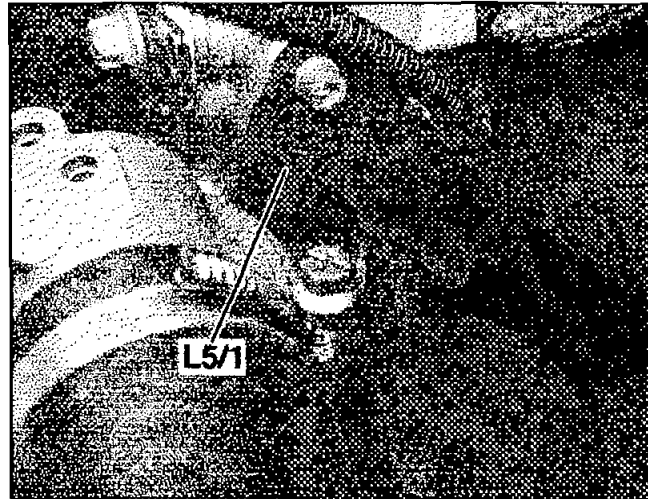


Left-hand illustration
Shown on engine 111.977

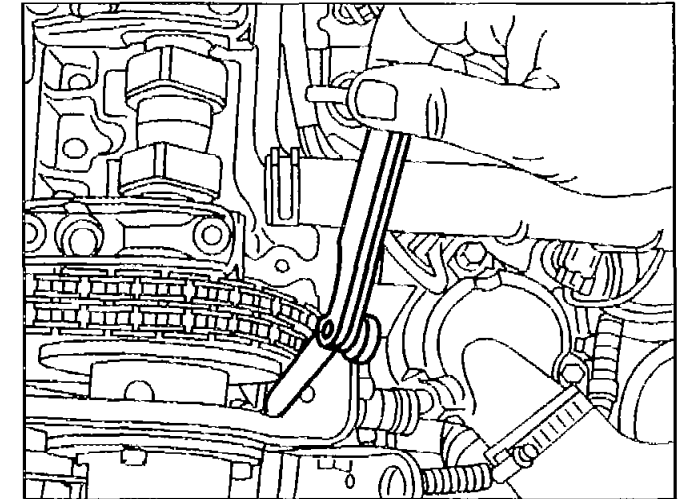
L5/1 Camshaft position sensor

Right-hand illustration

Setting with feeler gage



P15.12-2009-01



P15.12-0216-01

	Removing, installing		
1.1	Remove cylinder head cover	Only engine 104	RA01-0500
2	Remove engine compartment panel	Model 170/ 202/ 208 Model 210.03/04/05/07/23/24/27	AR61.20-P-1105A AR61.20-P-1105AB
3	Remove camshaft position sensor (L5/1) BT Length of bolt for attaching camshaft position sensor modified	Installation: Replace seal (11/1) If camshaft position sensor is replaced, it is necessary to set the clearance to the camshaft Engine 111.961	BT07.51-P-0002-01A A18



4	Set camshaft position sensor (L5/1)	<p>i Rotate crankshaft until the camshaft sprocket segment is opposite the camshaft position sensor (L5/1). Measure size of gap with feeler gage between camshaft sprocket segment and camshaft position sensor (L5/1)</p> <p>i Shims (11/2) are available as replacement parts in 1/10 graduations from 0.1–1.0 mm</p>	BE15.10-P-1001-04A
5	Install in the reverse order		

Test data position sensor

Number	Designation	Engine 104	Engine 111
BE15.10-P-1001-04A	Size of gap between camshaft sprocket segment and camshaft position sensor mm	0.5	0.5