

**Document title** Remove/install retaining lock for crankshaft/ring gear

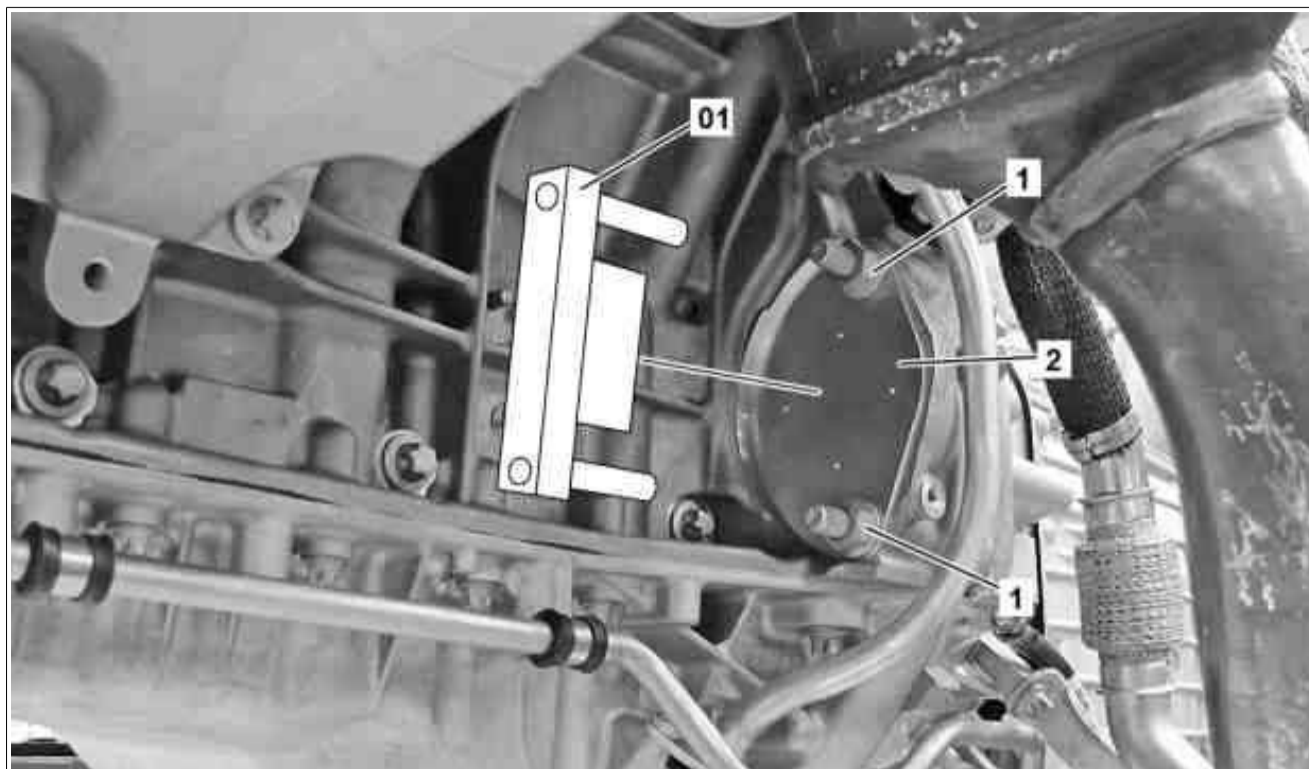
**Document number** ar0330p5000el

## ENGINES 157, 276, 278 in MODEL 212, 218

01 Retaining lock

1 Nut

2 Cover

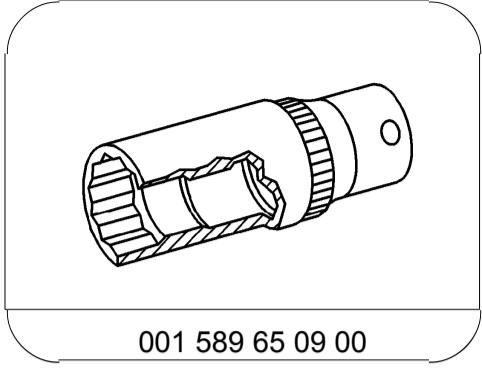


P03.30-2157-05

☒ ☒	<b>Installing, removing</b>		
	<b>Risk of injury</b> to skin and eyes caused by handling hot or glowing objects.	Wear safety gloves, protective clothing and safety glasses, if necessary.	AS00.00-Z-0002-01A
1	Remove bottom engine compartment paneling		AR61.20-P-1105EW
2	Unscrew nuts (1) and remove bolts from transmission bell	Nm	*BA27.40-P-1008-01A
3	Remove cover (2) from crankcase		
◀	<b>Checking</b>		
4	Check splines of ring gear for drive plate	<p><b>i</b> Check splines for wear and damage by rotating engine at the center bolt for crankshaft in its direction of rotation. If necessary: ↓ Replace drive plate.</p> <p><b>S</b></p>	AR03.30-P-8001EL *001589650900
5	<p><b>Risk of injury</b> caused by moving parts that can <b>pinch, crush</b> or, in extreme cases, even <b>sever</b> extremities</p> <p>Insert retaining lock (01) into access opening</p>	<p>No parts of the body or limbs should be within the operating range of the mechanism when moving components.</p> <p><b>i</b> If required, rotate engine further at center bolt for crankshaft in engine's direction of rotation until the retaining lock (01) snaps into place.</p> <p><b>S</b></p>	AS00.00-Z-0009-01A  *112589034000
6	Remove in the reverse order		

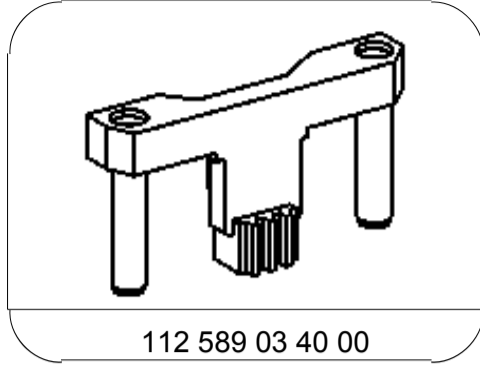
## Nm Housing

Number	Designation	Transmission 722.9		
BA27.40-P-1008-01A	Screw/bolt, automatic transmission to engine	M10×40	Nm	38
		M10×90	Nm	38
		M12	Nm	-



001 589 65 09 00

Wrench socket



112 589 03 40 00

Retaining lock