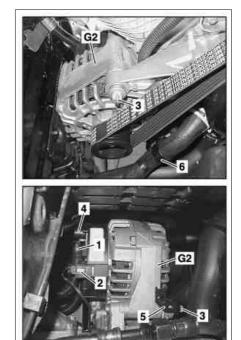
AR15.40-P-5032TC Remove/install alternator 3.11.09

**ENGINE** 112.913 in MODEL 211.061 /261 **ENGINE** 112.949 in MODEL 211.065 /265 **ENGINE** 113.967 in MODEL 211.070 /270 **ENGINE** 113.990 in MODEL 211.076 /276 **ENGINE** 112.917 in MODEL 211.080 /280 **ENGINE** 112.954 in MODEL 211.082 /282 **ENGINE** 113.969 in MODEL 211.083 /283

- Terminal B+
- 2 Electrical connector
- 3 Bolt
- 4 Contact protection
- 5 Bracket
- 6 Bracket
- G2 Alternator



P15.40-2170-03

- Coolant hoses
- Fan shroud
- 9 Poly-V belt guide pulley for compressor
- Coolant hose



P15.40-2226-11

## **Modification notes**

15.10.04	Venting low temperature circuit discontinued, due to	
	different venting method for the cooling system	

XX	Remove/install		
1	Detach ground line from battery	Model 211.0	AR54.10-P-0003T
	,	Model 211.2	AR54.10-P-0003TA
(1)	Notes on battery		AH54.10-P-0001-01A
2	Unclip cover at front end of engine		
3	Remove right engine intake air duct		
4	Remove lower engine compartment paneling	Model 211.076/276	AR61.20-P-1105T
5	Drain coolant at radiator	Model 211.076/276	AR20.00-P-1142RVK

6	Remove fan shroud (8)	Model 211.061/261/065/265/070/270/08/28	AR20.40-P-6800TB
		Model 211.076/276	AR20.40-P-6800TC
7	Insert guard plate for radiator / condenser	Model 211.076/276	
₩F	Guard plate for radiator/condenser		WF58.50-P-0110-01A
8	Remove poly-V belt for supercharger	Model 211.076/276	AR13.21-P-1202RVK
9	Remove poly-V belt	Model 211.061/261/065/265/070/270/08/28	AR13.22-P-1202PV
		Model 211.076/276	AR13.22-P-1202RV
10	Detach poly-V belt guide pulley for compressor (9) at timing case cover	Model 211.076/276	
		Nm	*BA13.25-P-1008-01D
11	Remove coolant hoses (7)	Model 211.076/276	
12	Detach coolant hose (10) from radiator	Model 211.076/276	
13	Unclip coolant hose at bracket (6)		
14	Remove protection against accidental contact (4) and detach circuit B+ (1) from the alternator (G2)	Nm	*BA15.40-P-1001-01A
15	Unplug electrical connector (2) at alternator (G2)		
16	Remove bolt (3)	i For engine 112, remove bracket (5).	*BA15.40-P-1005-01A
17	Take alternator (G2) down and out		
18	Install in the reverse order		

## $^{\mbox{\scriptsize Nm}}$ Belt tensioning device

Number	Designation	Engine 113.990/ 991/992/ 993/995
BA13.25-P-1008-01D	Bolt, guide pulley for compressor and major M8×78 Nm assembly belts to timing case cover	68

## Nm Alternator

Number	Designation			Engine 112.91/92/94/ 953/954/955/ 96/97 except 112.976, engine 113.94/96/98	Engine 113.990 in model 211
BA15.40-P-1001-01A	Nut, circuit B+ to alternator		Nm	18	14
BA15.40-P-1005-01A	Self-tapping bolt, alternator to timing case	Thread not pre- tapped	Nm	57	57
		Thread pre-tapped	Nm	45	45