



VOLKSWAGEN/AUDI CONTROL MODULE CODING DE-MYSTIFIED

WAUMF7 8P 0 00000000
8PA 52C VIN 2425372
Chassis Code
 A3 Sportback 2.0 R4
 147 KW M6S **06 / 05**
Build Date
BPY Engine Code --- GUT
 LZ7L/LZ7L N4M/MD

EOA	7A2	4UB	6XD	5SG	5RW	} <small>PR Codes</small>
1KZ	J1D	1LJ		1AT		
3FB	UA1	G38	5TD	7X0	4R4	
FOA		8GU		OYG	L52	
T59	3NU	8JD	U1B	X9A	1N3	
1XW		8Q3	9Q2	8Z6	D2L	
7Q2	C4N	7K0	4X3			
3L3		4KC	3Y0	4K4	5D2	
1SA	UG0	7GB		QG2	4GP	

1496 11.1 11.1 11.1 111



We have to assemble the module coding by relating the PR code for the options that are present to the actual code value needed by the module. Once these are found, we then sum all of the code values into one code number.

STEP	DESCRIPTION	Coding
1	Vehicle Model Code	+0000000
2	Front Brake Option – Scan PR codes on the sticker for a match of possibilities found in the reference. Match = 1LJ – new sensor cluster for FNIII 54 15”/16”	+0000002
3	Suspension Type – Scan PR codes on sticker – Match = UA1 –Standard/Sport Suspension	+0000640
4	Engine Code – Engine is 2.0L FSI	+0004096
5	Tire Pressure Monitoring System (TPMS) – Match = 7K0 – without TPMS	+0016384
6	Sum of all codes = new coding	+0021122

Use your diagnostic tool to enter 0021122 as the coding for the replacement module.

People often struggle to determine the coding when replacing a control module in a VW or Audi vehicle. Since there can be many choices based on the equipment installed in the car, how does one know which codes to use?

VW/Audi anticipated this problem. Each vehicle comes with two copies of the build sticker. The first is in the maintenance booklet. A sample is shown in the label above. This sticker shows all of the installed equipment in the vehicle. If the maintenance booklet is not in the vehicle, a second copy of the sticker should be located near the spare tire well in the trunk as shown in the photo above right on an 8P chassis Audi A3.

Understanding the information on the sticker is key. All of the installed options are listed in the form of 3-digit production codes called “PR codes” as shown on the label above (taken from an '06 Audi A3).

As an example of the use of these codes, assume that an ABS module failed on this A3. The old module is dead and won't communicate with a scan tool so the original coding cannot be retrieved. Using the PR codes and a reference such as a repair manual or the information found on the Ross-Tech Wiki (wiki.ross-tech.com), we can still figure out the coding needed. For our example we are using this specific Ross-Tech Wiki reference: [http://wiki.ross-tech.com/index.php/Audi_A3_\(8P\)_Brake_Electronics_\(MK60\)#Coding](http://wiki.ross-tech.com/index.php/Audi_A3_(8P)_Brake_Electronics_(MK60)#Coding)

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