

Basic Coding Numbers and Procedures for Volkswagen and Audi models.

ENGINE CODING NUMBERS

PASSAT 2.8L VR6 WITHOUT OBD-II

- 1 Manual Transmission without EGR
- 2 Automatic Transmission without EGR
- 3 Manual Transmission with EGR
- 4 Automatic Transmission with EGR

PASSAT 2.0L WITHOUT OBD-II

- 1 HS Manual Transmission with EGR and EVAP
- 2 AG Automatic Transmission with EGR and EVAP

PASSAT 2.8L VR6 WITH OBD-II

- 00000 Manual Transmission
- 00001 Automatic Transmission

PASSAT 2.0L WITH OBD-II

- 00006 Manual Transmission
- 00007 Automatic Transmission

JETTA/GOLF/GTI 2.0L WITH OBD-II

- 00000 Manual Transmission
- 00001 Automatic Transmission

EUROVAN 2.5L 5 cylinder

Not necessary to 1999.

EUROVAN 2.8L VR6 WITH OBD-II

- 00000 Manual Transmission
- 00001 Automatic Transmission

ECM codes for model year 2000 and later.

Engine	Manual	Automatic	ABS	Airbag	Code
1.9 Liter TDI	No	Yes	Yes	Yes	00001
1.9 Liter TDI	No	Yes	Yes	No	00001
1.9 Liter TDI	Yes	No	Yes	Yes	00002
1.9 Liter TDI	Yes	No	No	Yes	00002
1.9 Liter TDI	Yes	No	Yes	No	00002
1.9 Liter TDI	No	Yes	No	Yes	00004
1.9 Liter TDI	No	Yes	No	No	00004
2.0 Liter	Yes	No	No	No	00001
2.0 Liter	Yes	No	Yes	No	00011
2.0 Liter	Yes	No	No	Yes	00021
2.0 Liter	Yes	No	Yes	Yes	00031
2.0 Liter	No	Yes	No	No	00003
2.0 Liter	No	Yes	Yes	No	00013
2.0 Liter	No	Yes	No	Yes	00023
2.0 Liter	No	Yes	Yes	Yes	00033

Golf, Jetta, Beetle 1999-2000

Vehicle Type	ECM Part # / EPROM Level	Vehicle Engine ECM Coding			
		5 Speed Transmission		AG4 Automatic Transmission	
		ABS	No ABS	ABS	No ABS
Tier1 w/cruise	06A 906 018 BG 06A 906 018 P / V07	00000	00040	00001	00041
Tier1 w/o cruise	06A 906 018 BH 06A 906 018 AE / V06	00000	00040	00001	00041
LEV w/cruise	06A 906 018 J 06A 906 018 CR / V03	00000	00040	00001	00041
LEV w/o cruise	06A 906 018 J 06A 906 018 CQ / V03	00000	00040	00001	00041

Tier 1 = Federal
LEV = 50 State

AUDI 2.8L V6 MMS 300

CODING	TRANSMISSION TYPE	EQUIPPED WITH	NOT EQUIPPED
00000	Manual	Heated O2 Sensor, EVAP	EGR
00001	Automatic (AG4)		
00002	Automatic (HP18)		
00003	Manual	Heated O2 Sensor, EVAP, EGR, EGR Temp. Sensor, Speed Limiter	
00004	Automatic (AG4)		
00005	Automatic (HP18)		
00006			
00007			
00008			
00009	Manual		O2 Sensor, EVAP, EGR
00010	Automatic (AG4)		
00011	Automatic (HP18)		

AUDI 2.8L V6 MMS 311

1 ST AND 2 ND DIGIT	3 RD DIGIT	4 TH DIGIT	5 TH DIGIT
Exhaust Gas Standard/Country	Special Functions	Transmission Type	Vehicle Type
00 = -	0 = Front Wheel Drive without ATC	0 = 5-Speed	0 = -
01 = USA with EGR	1 = Front Wheel Drive with ATC	1 = -	1 = 90, 90 Quattro
02 = Sweden and all countries not 01, 03, 04, 06	2 = All Wheel Drive without ATC	2 = Automatic (097)	2 = A6, A6 Quattro Sedan A6 Wagon A6 Quattro Wagon
03 = South Africa no O2 sensor	3 = -	3 = Automatic 097 (Phase 2)	3 = -
04 = European Union (EU) and Norway	4 = -	4 = Automatic (01K/01F)	4 = Cabriolet
05 = -	5 = -	5 = -	5 = -
06 = California (Frt. Wheel drive and Automatic trans. With EGR and EVAP	6 = -	6 = -	6 = -

ex. 01042 - USA, Frt. Wheel Drive w/o ATC, Auto Trans (01K/01F), Audi A6

AUDI 2.8L V6 MMS 400 WITH OBD-II

Not required. Coding of 01002 cannot be changed.

AUDI 1.8, 2.8L 1996-2000

1 ST AND 2 ND DIGIT	3 RD DIGIT	4 TH DIGIT	5 TH DIGIT
Exhaust Gas Standard/Country	Special Functions	Transmission	Vehicle Type
00 = With EVAP	0 = Front Wheel Drive without ASR	0 = 5-Speed Manual	0 = -
01 = With EVAP and Differential Pressure Sensor	1 = Front Wheel Drive with Traction Control (ASR)	1 = 6-Speed Manual	1 = A4, TT
02 = -	2 = All Wheel Drive without Traction Control (ASR)	2 = -	2 = A6
03 = -	3 = All Wheel Drive with Traction Control (ASR)	3 = -	3 = A8
04 = -	4 = -	4 = 4-Speed Automatic	4 = -
05 = -	5 = Front wheel drive w/ASR, ESP, CAN Bus	5 = 5-Speed Automatic	5 = -
06 = USA; TLEV With EGR and Secondary Air (AIR) EVAP LDP	6 = All wheel drive without ASR, ESP, CAN Bus	6 = -	6 = -
07 = -	7 = All wheel drive with ASR, ESP, CAN Bus	7 = -	7 = -
08 = -	8 = -	8 = -	8 = -
09 = EGR	9 = -	9 = -	9 = -
10 = With EVAP, Differential Pressure Sensor, EGR and Secondary Air Injection (OBD-II)			