

Self-diagnosis of radio systems (vehicles from 1998)

Encoding control unit

This function is used to encode the radio as follows:

- ♦ Radio configuration
- ♦ Sound system
- ♦ Number of passive loudspeakers
- ♦ Country identification

Notes:

- ♦ The encoding procedure is used to set the various radio configuration options.
- ♦ The encoding table only lists the possible combinations applying to the Audi A4.
- ♦ The term "remotely powered aerial" relates to active aerials (e.g. rear window aerial) which are supplied with power via the HF cable.
- ♦ The code must always correspond to the equipment fitted in the vehicle.

Encoding procedure

→ Indicated on display:

Rapid data transfer HELP
Select function XX

- – Press keys 0 and 7 to select "Encode control unit" function.

→ Indicated on display:

Rapid data transfer Q
07 - Encode control unit

- – Confirm entry with Q key.

→ Indicated on display:

Encode control unit Q
Enter code
number XXXXX 06812

- – Enter code number as per encoding table => Page [01-28](#)

Code: e.g. 00207

- ♦ Country identification: 0 = Standard
- ♦ Sound balancing: 0 = Standard
- ♦ Number of passive loudspeakers: 2 = 2 passive loudspeakers (front) and 2 active loudspeakers (rear)
- ♦ Sound system: 0 = Standard
- ♦ Radio configuration: 7 = Radio with CD changer and secondary display

- – Confirm entry with Q key.

→ The display will show the control unit identification and the code that was entered (00207).

8D0035195 Radio D01 ⇒
Code 00207 WSC 06812

- – Press ⇒ key to terminate encoding procedure.

Indicated on display:

Rapid data transfer HELP

Select function XX

- – Press keys 0 and 6.

Indicated on display:

Rapid data
transfer Q
06 - End output

- – Confirm entry with Q key.

Encoding table:

5	4	3	2	1	← Decimal places of byte encoding on tester display
				1	Radio configuration
					Aerial with remote power supply
					CD changer
					Secondary display
					1 X - -
					3 X X -
					5 X - X
					7 X X X
					X = component fitted - = not fitted

5	4	3	2	1	← Decimal places of byte encoding on tester display
			0		Sound system adjustment
					Type of adjustment
					0 Standard (no Bose sound system)
					1 Bose sound system
		2			Number of passive loudspeakers
					Number and locations
					0 No passive speakers (Bose sound system)
					1 1 passive loudspeaker, front left (Bose with telephone)
					2 2 passive loudspeakers (front) and 2 active loudspeakers (rear)
					5 2 passive loudspeakers (front) and no active loudspeakers (rear)

5	4	3	2	1	← Decimal places of byte encoding on tester display
	0				Sound balancing
					0 Standard

0					Country identification	
						Country
					0	Standard