

## FUNCTION AND INSTALLATION : COMPONENTS OF THE NAC AUDIO-NAVIGATION SYSTEM

**N.B.** : (\*) According to version.

### 1. Role

Main functions :

- To receive audible radio broadcast transmissions in amplitude and frequency modulation (AM and FM)
- To receive digital audio broadcasting transmissions (DAB) (\*)
- To read a compact disc (MP3 format compatible) via the single CD player (\*)
- To manage 4 stereophonic audio outputs (Without Hi-Fi option) (\*)
- To manage 4 stereophonic audio outputs to the audio amplifier system (With Hi-Fi option) (\*)
- To be operated by the multifunction (touch) screen
- To be operated by the controls on the steering wheel
- To display information on the multifunction (touch) screen
- To read a storage peripheral via the USB socket
- To manage the Bluetooth connectivity (hands-free telephone, internet, audio streaming)
- To carry out diagnostics of its own operation and of that of its peripheral devices
- Screen copy or "mirroring" function : The function replicates your smartphone's screen on the vehicle's screen (\*\*)
- SmartApps function via Bluetooth or USB for "Android" smartphones or via USB for "iOS" smartphones : Transfer of information from the vehicle to the connected mobile telephone for applications which are already installed on the mobile telephone (Internet via Wi-Fi, Bluetooth or 3G medium connected to the NAC audio-navigation)
- Wi-Fi on board function : Sharing of an internet connection point in the vehicle for the occupants via a mobile telephone or 3G medium connected to the NAC audio-navigation (\*)
- Connected 3D navigation, guidance (GPS)
- Connected traffic information : This function informs the driver in real time of the traffic conditions on their route
- On board voice recognition function
- To memorise the images sent by the 180° visual reversing assistance camera during a vehicle manoeuvre in reverse gear and display an aerial view image (\*)
- To display the images sent by the visual manoeuvring assistance ECU (\*)
- To share the navigation data with other users
- To manage a second screen
- To manage the "Jukebox" function : This function permits the storing of multimedia data on an internal hard drive (\*)
- To set/select the modes of the multi-sensory pack (\*)
- To manage the video decoder (\*)
- To manage the digital engine sound : To create an engine sound ambience via the speakers (\*)
- To display the driving assistance functions information
- To manage the personal playlists (\*)

The ECU is protected by the VIN code of the vehicle.

**N.B.** : (\*\*) The screen copy or "mirroring" function is called "Mirror Link" for "Android" smartphones or "Carplay" for "iOS" smartphones.

**N.B.** : The CD player is not integrated in the NAC audio-navigation ECU.

## 2. Location

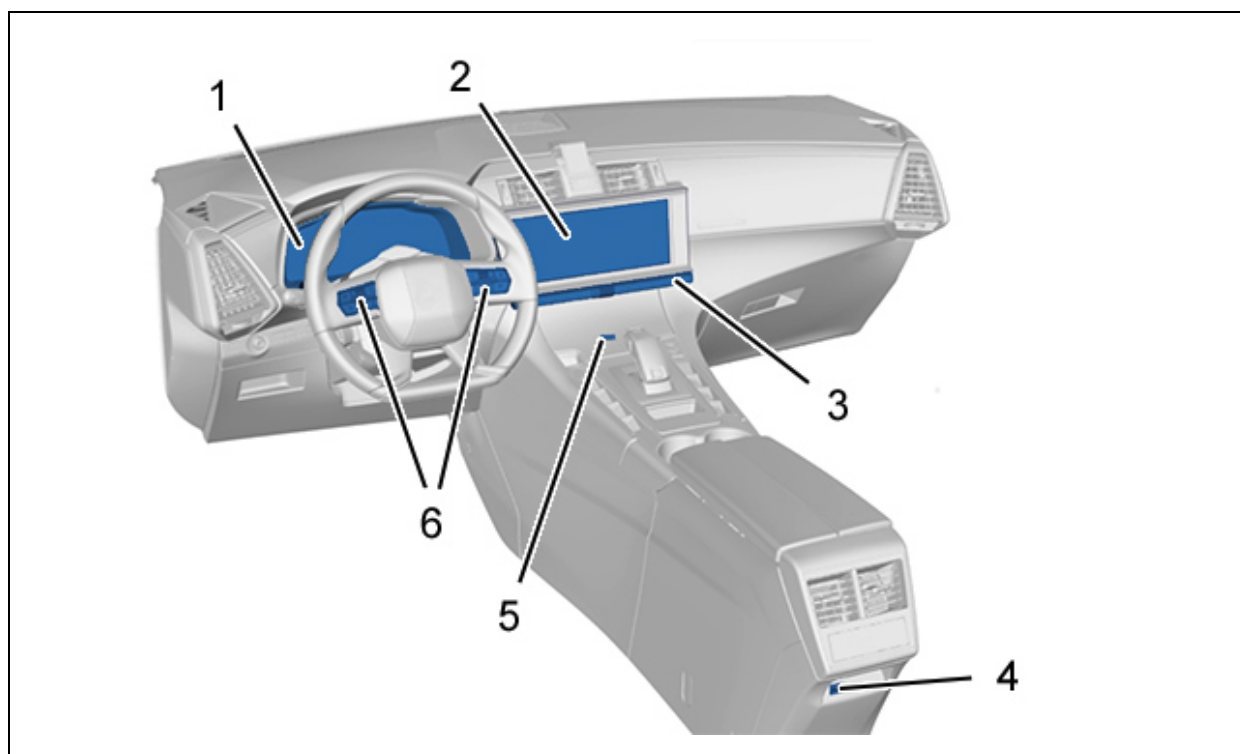


Figure : D4EAEPAD

- (1) Instrument panel.
- (2) Multifunction (touch) screen.
- (3) Multifunction control panel.
- (4) USB socket 2 (\*).
- (5) USB socket on front centre console.
- (6) Audio controls on the steering wheel.

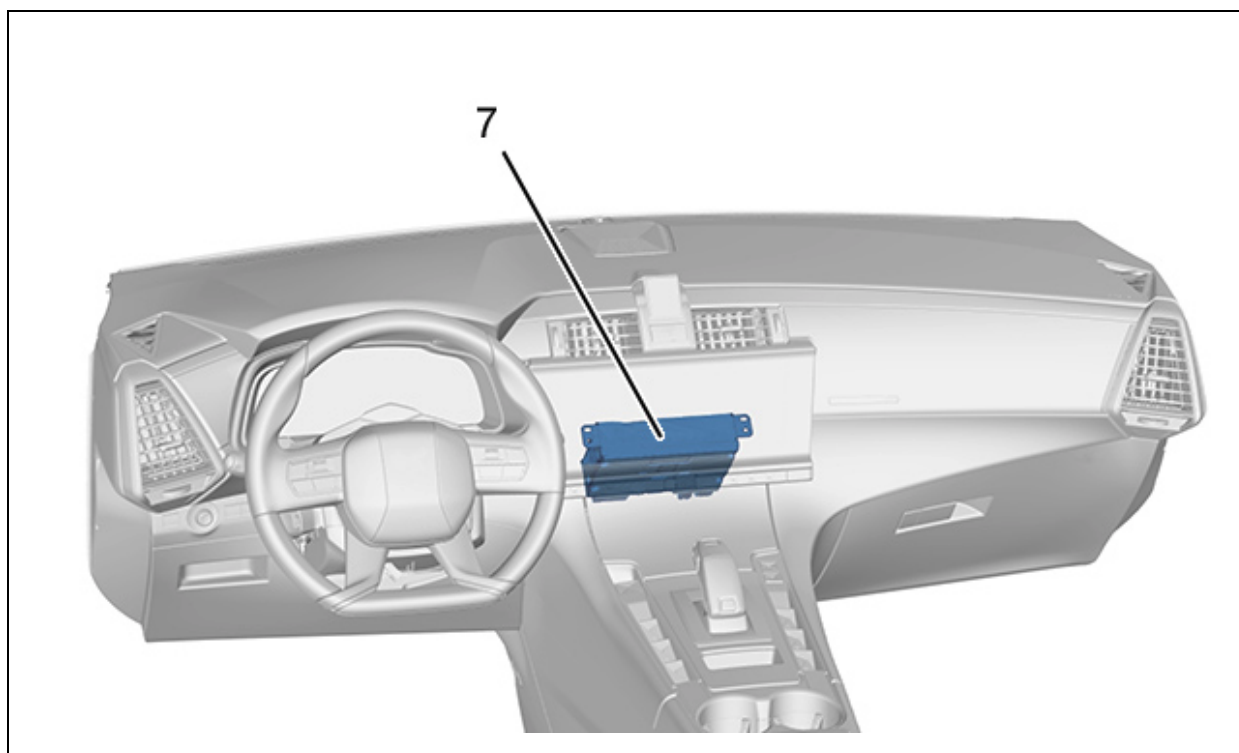


Figure : D4EAEPBD

(7) NAC audio-navigation.

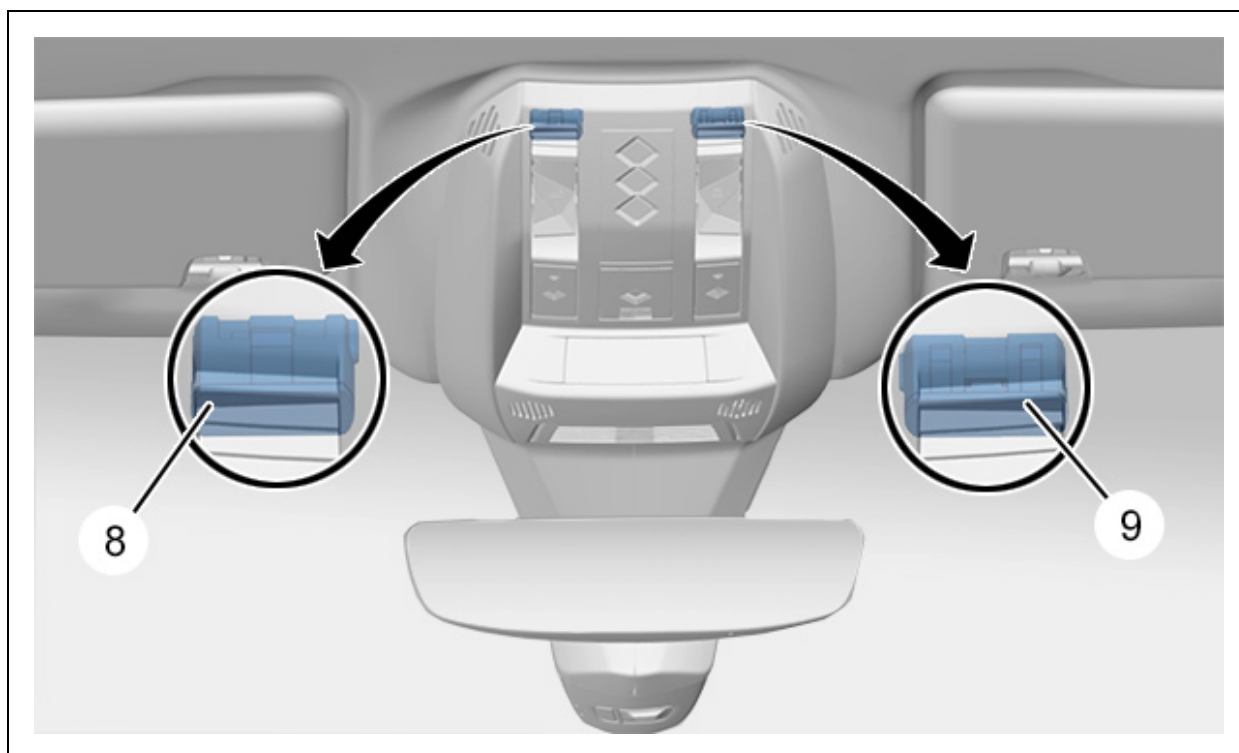


Figure : D4EAEPD

(8) Driver's audio-telephone microphone.

(9) Passenger's audio-telephone microphone.

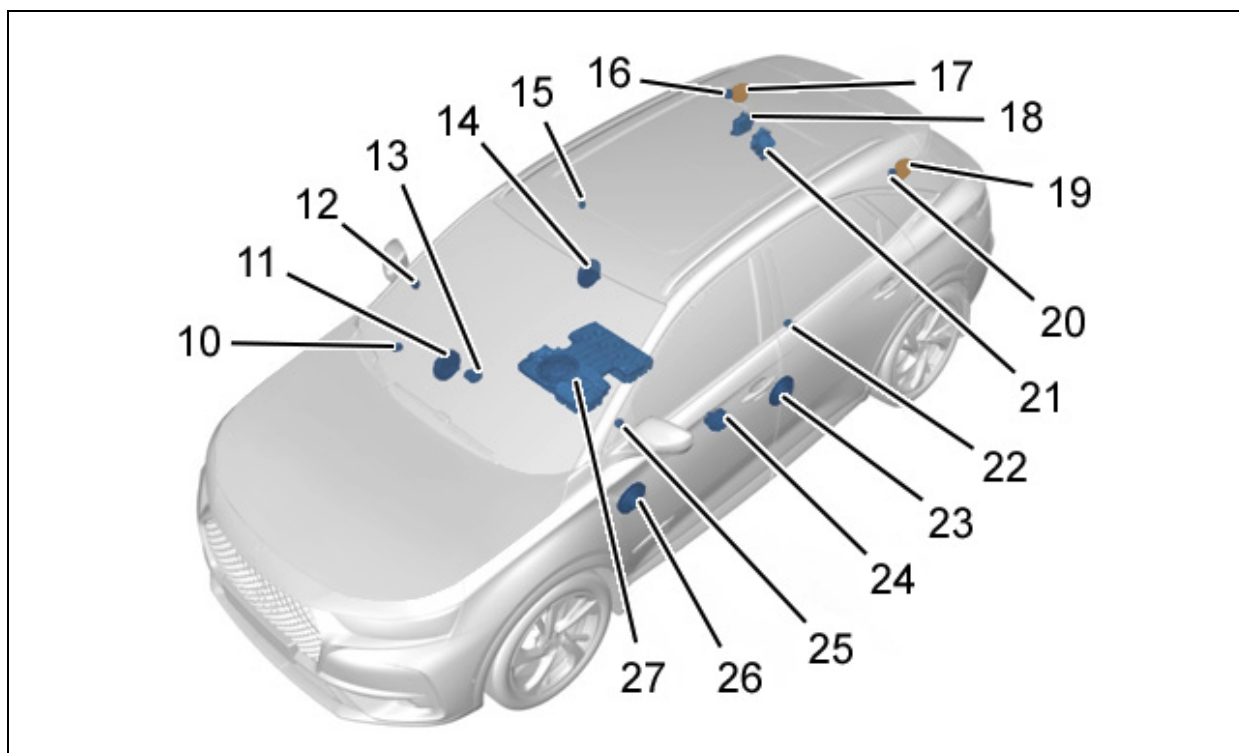


Figure : D4EAEPDD

- (10) GPS aerial.
- (11) Front right boomer speaker.
- (12) Front right tweeter.
- (13) Front central medium speaker (\*).
- (14) Rear right boomer speaker.
- (15) Rear right tweeter speaker.
- (16) Rear right tweeter surround speaker (\*).
- (17) Rear right medium surround speaker (\*).
- (18) Rear right speaker filter (\*).
- (19) Rear left medium surround speaker (\*).
- (20) Rear left tweeter surround speaker (\*).
- (21) Audio amplifier (\*).
- (22) Rear left tweeter speaker.
- (23) Rear left boomer speaker.
- (24) Rear left speaker filter (\*).
- (25) Front left tweeter speaker.
- (26) Front left boomer speaker.
- (27) Bass acoustic speaker enclosure (\*).

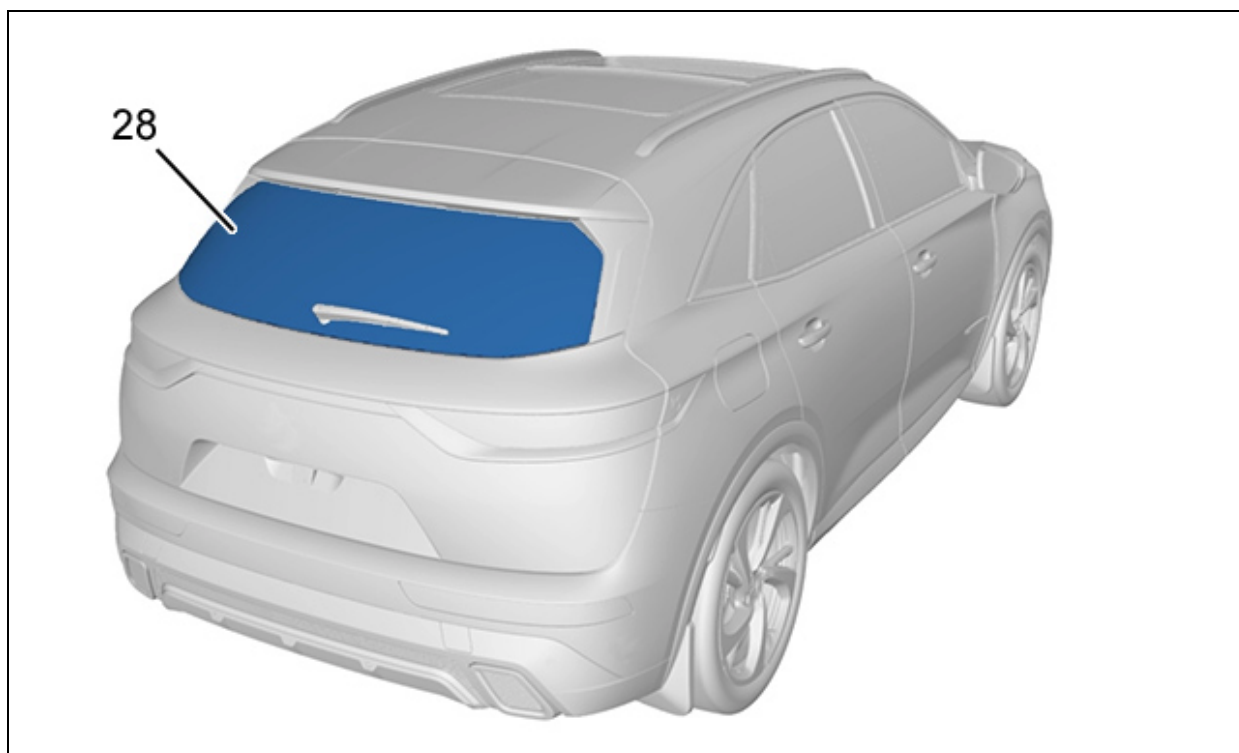


Figure : D4EAEPED

(28) Heated rear screen / AM, FM1, FM2, DAB aeriels assembly (\*).