

393: Multimedia module (MMM)

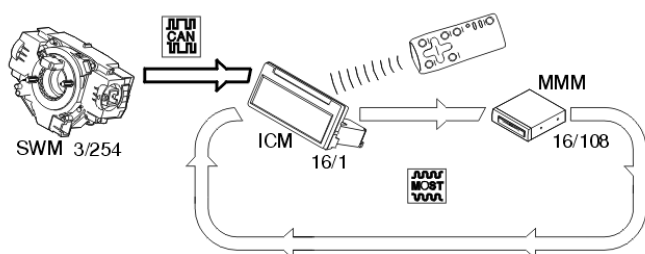
V50, 2006, L.H.D

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**PRINT****393: Multimedia module (MMM)**

Menu control

Navigation

Function**Menu control**

The on-screen menu can be controlled using the buttons on the reverse of the steering wheel.

The buttons consists of:

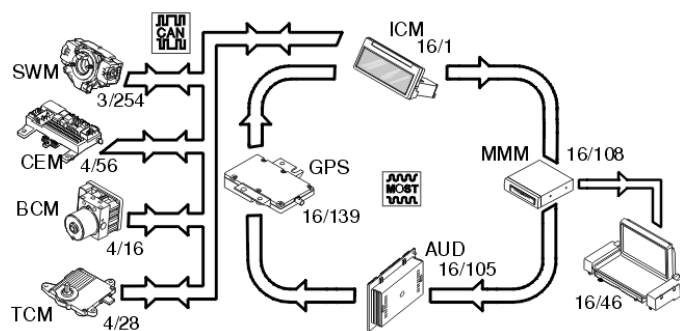
- a Back button
- an Enter button
- a navigation button which is used to move the cursor up, down, left and right on the screen.

The steering wheel module (SWM) (3/254) transmits a signal to the infotainment control module (ICM) (16/1) via the controller area network (CAN). The infotainment control module (ICM) converts the electrical signal to an optical signal and sends it

onwards to the multimedia module (MMM) (16/108) via the MOST network.

The remote control for the multimedia module (MMM) has the same functions as the steering wheel buttons. The remote control can be used to control the menus on the display screen. The IR signal is transmitted from the remote control to an IR receiver which is mounted in the loudspeaker grille on the dashboard. The receiver transmits the signal to the multimedia module (MMM) via the infotainment control module (ICM).

Navigation



The navigation function displays the location of the car and directions to the entered destination.

The navigation buttons on the steering wheel module (SWM) (3/254) are used to control the on-screen menu for navigation.

The multimedia module (MMM) (16/108) receives GPS signals on the MOST-network from the global positioning system module (GPS) (16/139).

Two signals are transmitted to the central electronic module (CEM) (4/56) on the high speed section of the control area network (CAN):

- information about the wheel rotation counter is transmitted from the brake control module (BCM) (4/16)
- information about the back-up gear position is transmitted from the transmission control module (TCM) (4/28).

The central electronic module (CEM) transmits both signals to the infotainment control module (ICM) (16/94) via the low speed side of the Controller area network (CAN). The vehicle speed signal is transmitted from the central electronic module (CEM) to the infotainment control module (ICM). The infotainment control module (ICM) transmits in turn the signals to the multimedia module (MMM) on the MOST network.

Information for voice guiding for the selected destination is transmitted on the MOST network between the multimedia module (MMM) and the audio module (AUD) (16/105).

A DVD with the required road network must be inserted in the DVD player in order for the multimedia module (MMM) to select a route and display the position of the car. The control module is then able to calculate the position and display it on the directly connected screen (16/46).

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