

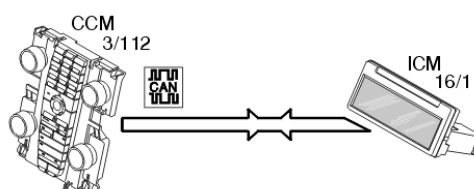
393: Infotainment control module (ICM)

V50, 2006, L.H.D

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**PRINT****393: Infotainment control module (ICM)**

Controlling functions

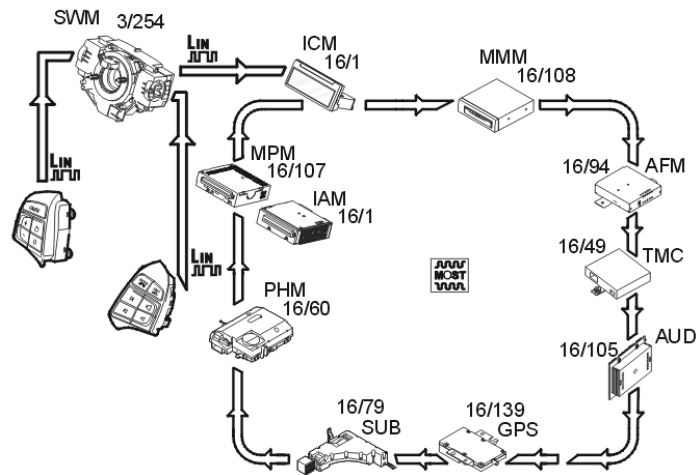
Controlling the functions
using the steering wheel
buttonsFunctions controlled by
the infotainment control
module (ICM)**Function****Controlling functions**

The infotainment control module (ICM) (16/1) does not have its own keypad. All user communication with the infotainment control module (ICM) occurs using the keypad on the climate control module (CCM) (3/112). The signals from the keypad unit are transmitted via the controller area network (CAN).

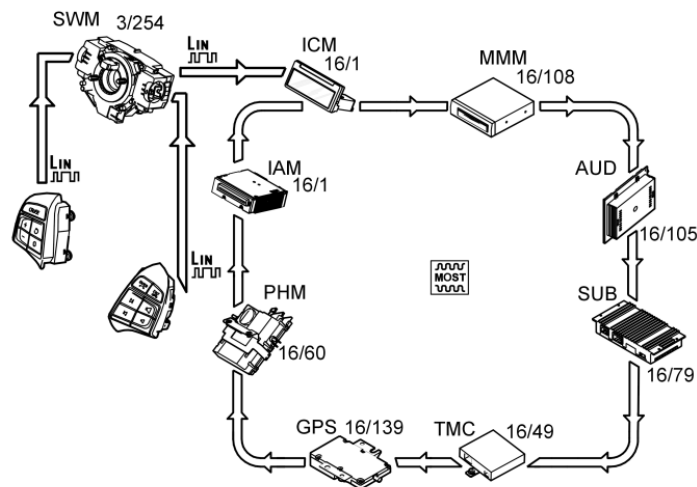
For more information about the keypad unit, see Design and Function, Climate Control Module (CCM).

**Controlling the
functions using the
steering wheel
buttons**

S40/V50



C70



The steering wheel buttons connected to the steering wheel module (SWM) (3/254) can be used to control:

- volume control and CD track / radio selection
- menu selection for traffic information
- volume control for handsfree calls and the menu selection for the phone module (PHM).

The signals from the steering wheel buttons are transmitted to the steering wheel module (SWM) with LIN communication. The steering wheel module (SWM) transmits the signals on to the Infotainment Control Module (ICM) (16/1) using LIN communication. The infotainment control module (ICM) in turn transmits the signals on to the affected control module on the MOST network.

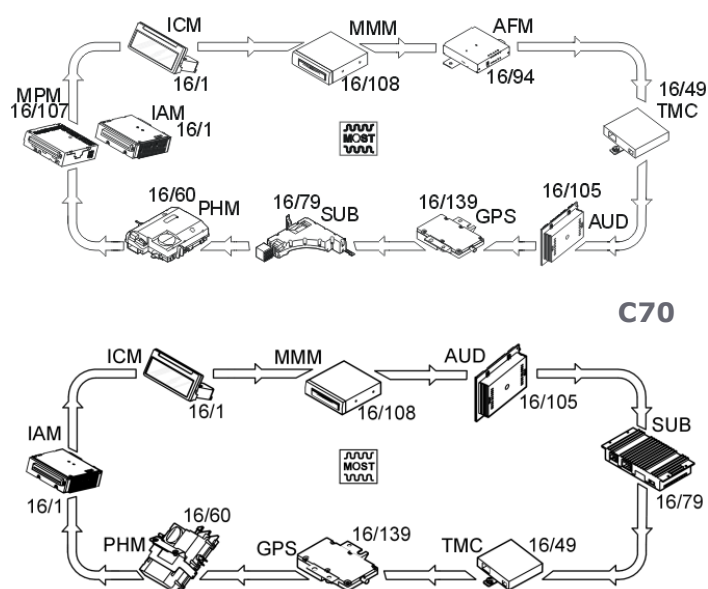
For more information, see Design and Function, steering wheel module (SWM).

Functions controlled by the infotainment control module (ICM)

For information about the functions controlled by the infotainment control module (ICM) but carried out by other control modules on the MOST network, see Design and Function for the relevant control module and for the MOST network.

Security on MOST

S40/V50



The function Security on MOST prevents unapproved control modules in the infotainment system from being installed in the vehicle. This is to prevent the theft of units.

The function is controlled by the infotainment control module (ICM). The infotainment control module (ICM) checks the serial numbers of all the control modules in the MOST network and compares these with a stored list. The infotainment control module (ICM) retrieves data about the serial number of the control modules via the MOST network. The infotainment control module (ICM) compares the information with the stored serial numbers.

If a control module is not in the stored list, it is disconnected from the MOST network and the functionality of this control module is blocked. This means that control modules in the MOST network cannot be moved from one vehicle to another. A diagnostic trouble code (DTC) is stored in the infotainment control module (ICM) if a control module in the stored list gives the incorrect response. For further information, see Design and Function, MOST.

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