

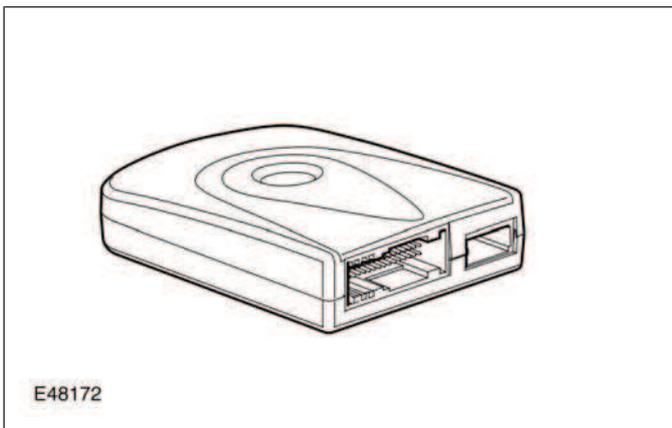
CELLULAR PHONE SYSTEM

The cellular phone system comprises:

- Transceiver Module (TM)
- Base plate adaptor
- Telephone cradle
- Microphone
- Cellular Phone Antenna

The telephone system fitted to the vehicle allows the driver to dock their own handset to the vehicle hands free telephone system. This is achieved using an adaptor cradle which is telephone specific. This cradle is mated to a standard baseplate which in turn is connected to the TM. The TM is connected to the MOST ring for communication with the rest of the system.

Transceiver Module



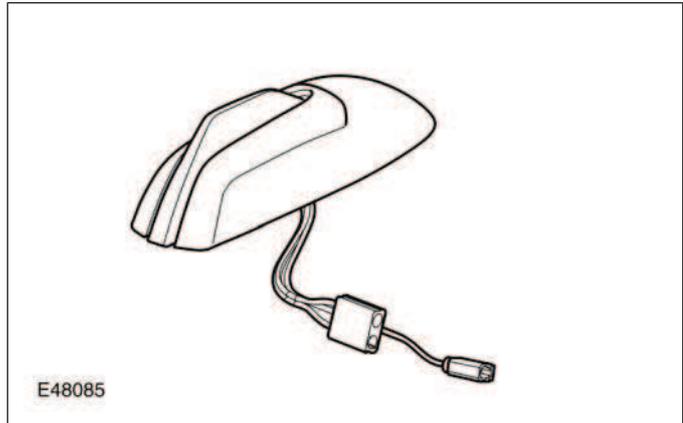
The Transceiver Module (TM) is located in the rear RH quarter of the luggage compartment. The TM is the interface between the telephone and the Integrated Head Unit (IHU). The TM also contains the telephone voice recognition hardware and software.

Transceiver Module Connector Pin Out C2777

Pin No	Description	Input/Output
1 to 15	NC	-
16	Ignition	Input
17	Battery voltage	Input
18	Battery voltage	Input
19 to 32	NC	-
33	Ground	-
34	Ground	-
35	NC	-
36	NC	-
37	Cellular phone ear piece +	Output
38	Cellular phone ear piece -	-
39	Cellular phone Mic piece +	Input
40	Cellular phone Mic. piece -	-
41	Wake up signal (non Nokia phone in cradle)	Input
42	Wake up signal (Nokia phone in cradle)	Input
43	NC	-
44	Steering wheel push to talk button	Input
45	Transmit/receive to phone	Input/Output
46	Shield ground	-

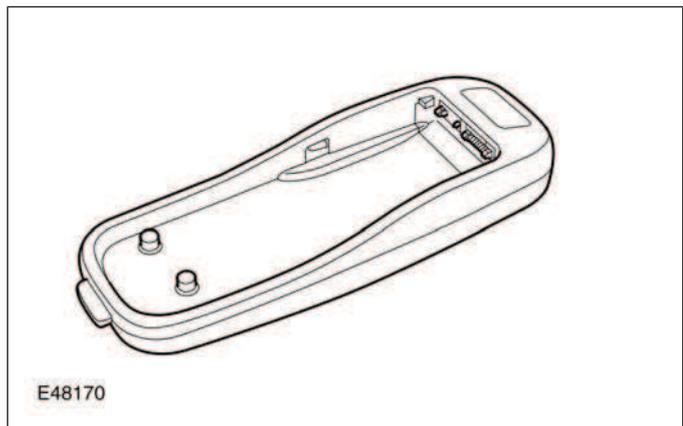
Pin No	Description	Input/Output
47	Serial transmission + (Nokia F bus)	Output
48	Serial transmission - (Nokia F bus)	-
49	Serial receive + (Nokia F bus)	Input
50	Serial receive - (Nokia F bus)	-
51	Cradle ID signal	Input
52	Cradle voltage supply	Input
53	Phone charge ground	-
54	Battery charging voltage	Output

Cellular Phone Antenna



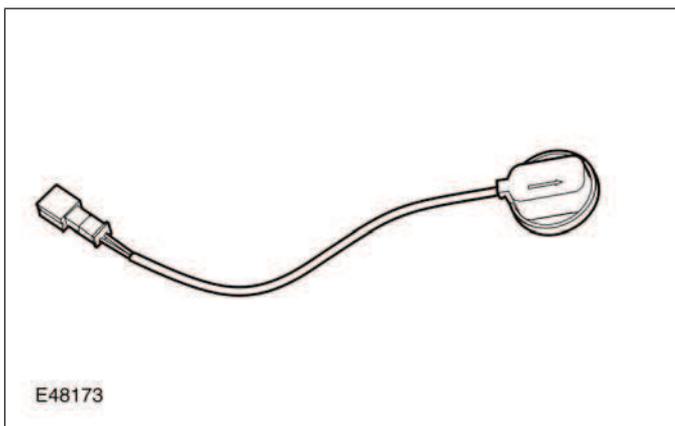
The Cellular Phone Antenna is located in the roof mounted pod and is connected via a single coaxial cable to the TM.

Telephone Adaptor Cradle



The telephone system allows for the use of different types/manufacturers handsets. This is achieved using a handset specific cradle which is mated to a standard base plate. The design of the adaptor cradle will vary to accommodate different types of phones.

Microphone



A single microphone is used for hands-free telephone operation and for the voice recognition system. The microphone has an integrated noise suppression system for hands-free telephone use. The microphone is a standard directional type and is located in the front roof console.