



## E53 Kit selection information

For some background, when BMW designed the Bluetooth system for their 2003+ E53s they intended for the customer to purchase the ULF module itself, an installation kit, and a mounting bracket. On top of that, to have a functioning cradle for your particular phone (for phone charging and uses of an external antenna) you would then need to purchase the cradle insert specific for your phone and the external antenna.

As it turns out, there are cradle inserts available for only a select few models of phones, including the Nokia 6310I, the Sony Ericsson T610/616/637, the Siemens S55/56, Motorola V600/V551/V300, Motorola V710/E815, and some others. The inherent benefit of using Bluetooth wireless technology is the fact that the phone can be virtually anywhere in the vehicle – purse, briefcase, etc. In earlier X5s, the steering wheel buttons had a button that looked like a phone handset whereas the later vehicles had a button that looked like a talking head. If you have the phone handset button please note that you will not be able to activate voice recognition with this button. However, the pairing button that comes with the Cradle/Install kit will activate voice recognition – we suggest going with this option for ease of use to all customers but especially those that have the handset button.

If your vehicle was built prior to 04/01 we suggest the non-Cradle/Install kit version as your vehicle doesn't have the pre-wiring to the center console.

So, here are some +/- points for you to consider:

	<b>W/ Cradle/Install kit</b>	<b>W/O Cradle/Install Kit</b>
<b>Cost</b>	About \$70 extra	--
<b>Installation</b>	Extra 45 minutes or so	--
<b>Pairing</b>	Done completely from drivers seat.	Requires access from. Tailgate.
<b>Phone charging</b>	Requires purchase of the cradle Adapter (approx \$125)	Must be done with a cig. lighter cord or similar.
<b>External antenna Utilization</b>	Requires the cradle adapter and External antenna purchase plus Installation.	Not available
<b>Voice Activation</b>	Talking head steering wheel button or pairing button	Must have talking head button on steering wheel

Lets discuss placement of the Bluetooth antenna. Your kit will come with a small antenna that is used for the Bluetooth communication between the car and the phone. BMW suggests placement of this antenna in the cargo area near the CD changer and we concur – your kit will have 3 feet of cable and you can extend it up and forward towards the cabin as far as you can. Mount it with double sided tape or tie wraps – that is at your discretion.

Mounting brackets – again, BMW intended to install the ULF module in the rear near the CD changer. They have brackets available for X5s that in some cases can be retrofitted to the older cars with very little modification - X5's built prior to 10/02 have no “official” mounting location. You may need to purchase three 5mm Metric bolts and five matching nuts from the home center. If your car had an older BMW phone that you are removing, you may find that with a little modification that you can reuse its bracket. You can also mount this with tie wraps if that is your only option although we suggest ensuring a good snug attachment as this unit weighs a pound or so. If you are removing a pre-existing BMW phone you may wish to go ahead with the cradle version since removal of the old cradle/cord and replacement with a plain oddment tray will cost about \$25 anyway.

Here is a summary of your purchase/configuration options for the ULF based kit:  
(Start of production to 3/02 build date)

E53ULF1	Non-DSP equipped cars without installation kit
E53ULF2	DSP equipped cars without installation kit
E53ULF3	Non-DSP equipped cars with Installation kit
E53ULF4	DSP equipped cars with Installation kit

Remember that if your Z5 was built prior to 04/01 we suggest either E53ULF1 or E53ULF2.

Each kit includes the ULF module, BMW microphone, Bluetooth antenna, and cabling necessary for your vehicle. Installation supplies are not included. Installation kit version adds the cradle/pairing button for use in the center of the armrest, double sided tape for antenna, mounting bolts, and a Bluetooth passkey card.

All kits come with official BMW installation documentation and owners manuals. We can customize a package for you depending on your needs – please inquire.

Mounting brackets and Snap-In-Adapters for specific phones are available on our Parts and Accessories page on our website.