



Audi In Car Entertainment Systems





Information





Entertainment





INFOTAINMENT

Your guide to Audi Infotainment



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Radios (From 1998 – Present Day)

- **3x model types –**
 - Chorus (PR-8UC)
 - Concert (PR-8UD)
 - Symphony (PR-8UM)
- **4x Generations -**
 - Generation I (Gen I)
 - Generation II (Gen II)
 - Generation II+ (Gen II+)
 - Generation III (Gen III)
- **Some models are interchangeable**
- **Generations are Not interchangeable**



Radios – Generation I



- **Chorus I**
- **Radio/Cassette**
- **AM/FM**
- **Single Din**
- **No External Device Output**
- **Production Dates**
1998 – 2001
- **Model Fitment**
A2,A3,A4,A6,A8,TT
- **It is NOT possible to Retro-fit an Auto Changer or I Pod Adapter to this unit**



Radios – Generation I



- **Concert I**

- Radio/Cassette
- AM/FM
- Single Din
- External Device Output
- Production Dates

1998 – 2001

Model Fitment
A2,A3,A4,A6,A8,TT

It is possible to Retro-fit an Auto Changer, but NOT an I Pod Adapter to this unit

Retro-fitted Auto Changer without MP3 Functionality



Radios – Generation I



- **Symphony I**

- Radio/Cassette/Single CD
- AM/FM
- Double Din
- External Device Output
- Production Dates
1998 – 2001
- Model Fitment
A2,A3,A4,A6,A8

It is possible to Retro-fit an Auto Changer, but NOT an I Pod Adapter to this unit

Built in CD Player without MP3 Functionality



Radios – Generation II



- **Chorus II**
- Radio/Cassette
- AM/FM
- Single Din
- External Device Output
- Production Dates
2002 – 2006
- Model Fitment
A2,A3,A4,A6,A8,TT

It is possible to Retro-fit an Auto Changer and the I Pod Adapter to this unit

Retro-fitted Auto Changer without MP3 Functionality



Radios – Generation II



- **Concert II**

- Radio/Single CD Player
- AM/FM
- Single Din
- External Device Output
- Production Dates
2002 – 2006
- Model Fitment

A2,A3,A4,A6,A8,TT

It is possible to Retro-fit an Auto Changer and the I Pod Adapter to this unit

CD Player without MP3 Functionality



Radios – Generation II



- Symphony II
Radio/Cassette/Auto Changer(6 Disc)
 - AM/FM
 - Double Din
 - External Device Output
 - Production Dates
2002 – 2006
 - Model Fitment
A2,A3,A4,A6,A8
- It is possible to Retro-fit an Auto Changer and the I Pod Adapter to this unit
- CD Auto Changer without MP3 Functionality
- Retro-fitted Auto Changer without MP3 Functionality



Radios – Generation II+



- **Chorus II+**
- **Radio/Single CD Player**
- **AM/FM**
- **Double Din**
- **External Device Output**
- **Production Dates**

2006 – Present Day

A3,A4,TT

It is possible to Retro-fit an Auto Changer and the I Pod Adapter to this unit

CD Player without MP3 Functionality

Retro-fitted Auto Changer without MP3 Functionality



Radios – Generation II+



- **Concert II+**
- Radio/Single CD Player
- AM/FM
- Double Din
- External Device Output
- Production Dates
2006 – Present Day
- Model Fitment A3,A4, TT
- It is possible to Retro-fit an Auto Changer and the iPod Adapter to this unit
- CD Player with MP3 Functionality
- Retro-fitted Auto Changer without MP3 Functionality



Radios – Generation II+



- **Symphony II+**
- **Radio/Auto Changer(6 Disc)**
- **AM/FM**
- **Double Din**
- **External Device Output**
- **Production Dates**
2006 – Present Day
- **Model Fitment** **A3,A4,TT**
- **It is possible to Retro-fit an Auto Changer and the iPod Adapter to this unit**
- **CD Auto Changer with MP3 Functionality**
- **Retro-fitted Auto Changer without MP3 Functionality**



Radios – Generation III



- **Concert III**
- **Radio/Single CD Player**
- **AM/FM**
- **SD/MMC Drive**
- **Double Din**
- **TMC**
- **No External Device Output**
- **Phone Prep Controller**
- **Production Dates 2007 – Present Day**
- **Model Fitment A4, A5, Q5**
- **It is Not possible to Retro-fit an Auto Changer and the I Pod Adapter to this unit**

Built in CD Player with MP3 Functionality

- **SD/MMC Drive, Audi recommend card limit of 2GB (any higher could lead to a loss of functionality)**
- **Concert III is also available (as an option) with a DAB tuner. This cannot be retrofitted**



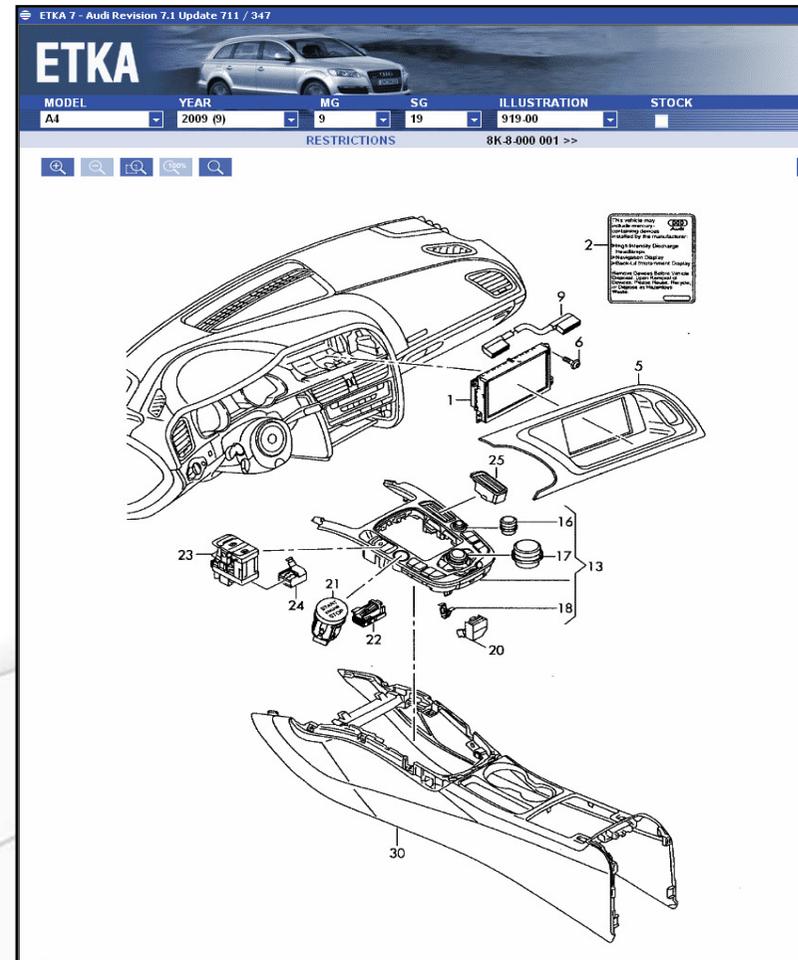
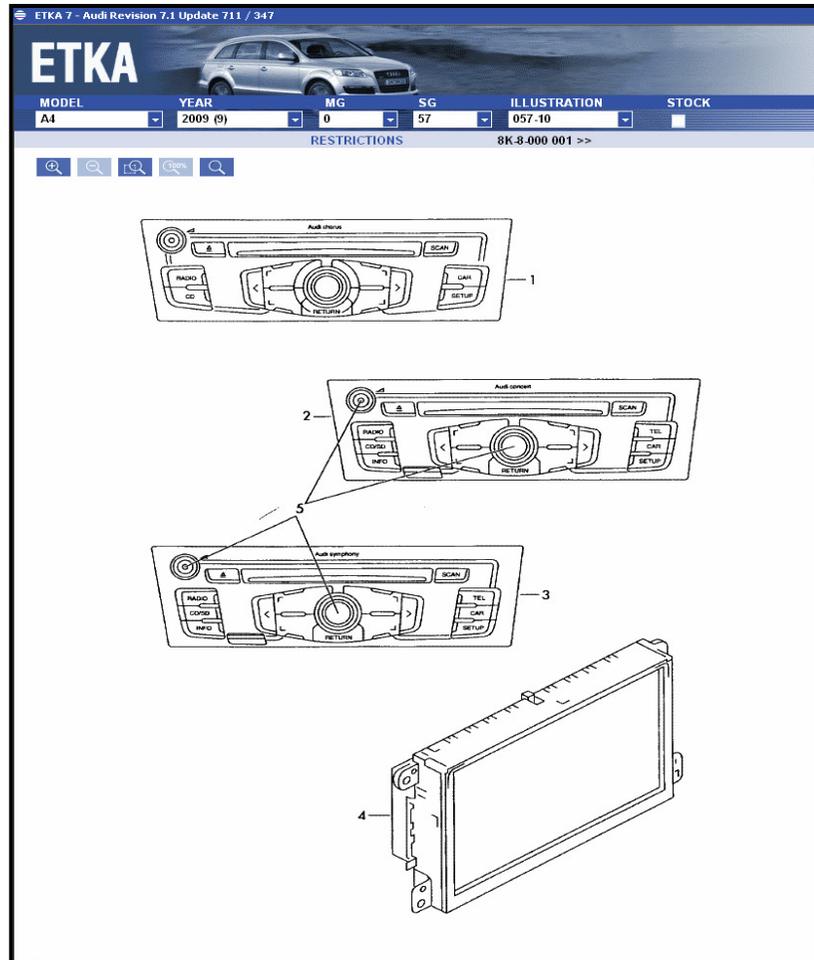
Radios – Generation III



- **Symphony III**
- **Radio/Auto Changer(6 Disc)**
- **AM/FM**
- **SD/MMC Drive**
- **Double Din**
- **No External Device Output**
- **Phone Prep Controller**
- **Production Dates**
2007 – Present Day
- **Model Fitment** **A4, A5, Q5**
- **It is Not possible to Retro-fit an Auto Changer and the I Pod Adapter to this unit**
- **Built in CD Auto Changer with MP3 Functionality**
- **SD/MMC Drive, Audi recommend card limit of 2GB (any higher could lead to a loss of functionality)**
- **Symphony III is also available (as an option) with a DAB tuner. This cannot be retrofitted**



Replacement Displays for vehicles with Generation III or MMI



Replacement display for vehicles with Generation III units see ETKA illustration 057-00

Replacement display for vehicles with MMI see ETKA illustration 919-00



Navigation Systems (Stand alone)



- **2x Running Systems**
- **Basic Navigation System (BNS)**
- **Radio Navigation System (RNS)**
- **2x versions of each running system**
- BNS 4.0 (PR-7Q9)
- BNS 5.0 (PR-8AY)
- RNS-D (PR-8AY)
- RNS-E (PR-8AY)

Normally with Basis Navigation Systems the route is displayed in Red (Monochrome) and with Radio Navigation Systems the route is displayed in Colour



BNS 4.0 Navigation (PR-7Q9)



- CD Based Navigation
- Monochrome Display (Red)
- Route displayed via DIS
- Individual Country Discs (PR-7RF)
- Production Dates
1998 – 2003
- Model Fitment
A4 ,A6, A8



BNS 5.0 Navigation (PR-7Q9)



- CD Based Navigation
- Monochrome Display (Red)
- Route displayed via DIS
- Sat-Nav Corridor Function
- Individual Country Discs (PR-7RF)
- Radio/Single CD Player
- AM/FM/LW
- External Device Output
- Phone Prep Controller
- Production Dates 2006 – Present Day
- Model Fitment A3,A4,TT
- It is possible to Retro-fit an Auto Changer and the I Pod Adapter to this unit
- CD Player with MP3 Functionality
- Retro-fitted Auto Changer without MP3 Functionality
- Corridor Function - allows you to navigate and listen to CDs simultaneously



RNS-D Navigation (PR-7Q2)



- CD Based Navigation
- Colour Display
- Individual Country Discs (PR-7RF)
- Radio/Single CD Player
- AM/FM/LW
- External Device Output
- TV Tuner (Optional)
- Production Dates
2006 – Present Day
- Model Fitment A4,A6
- It is possible to Retro-fit an Auto Changer and the I Pod Adapter to this unit
- Retro-fitted Auto Changer without MP3 Functionality



RNS-E Navigation (PR-7Q2)



- DVD Based Navigation
- MMI Operating Logic
- European DVD Disc (PR-7QT)
- Colour Display
- Radio/Single CD Player
- AM/FM/
- 2x SD/MMC Drive
- External Device Output
- TV Tuner (Optional)
- Phone Prep Controller
- Production Dates

2004 – Present Day

- Model Fitment A3,A4,TT
- It is possible to Retro-fit an Auto Changer and the I Pod Adapter to this unit
- CD Player with MP3 Functionality
- Retro-fitted Auto Changer without MP3 Functionality
- 2x SD/MMC Drive, Audi recommend card limit of 2GB (any higher could lead to a loss of functionality)



MMI (MultiMedia Interface)

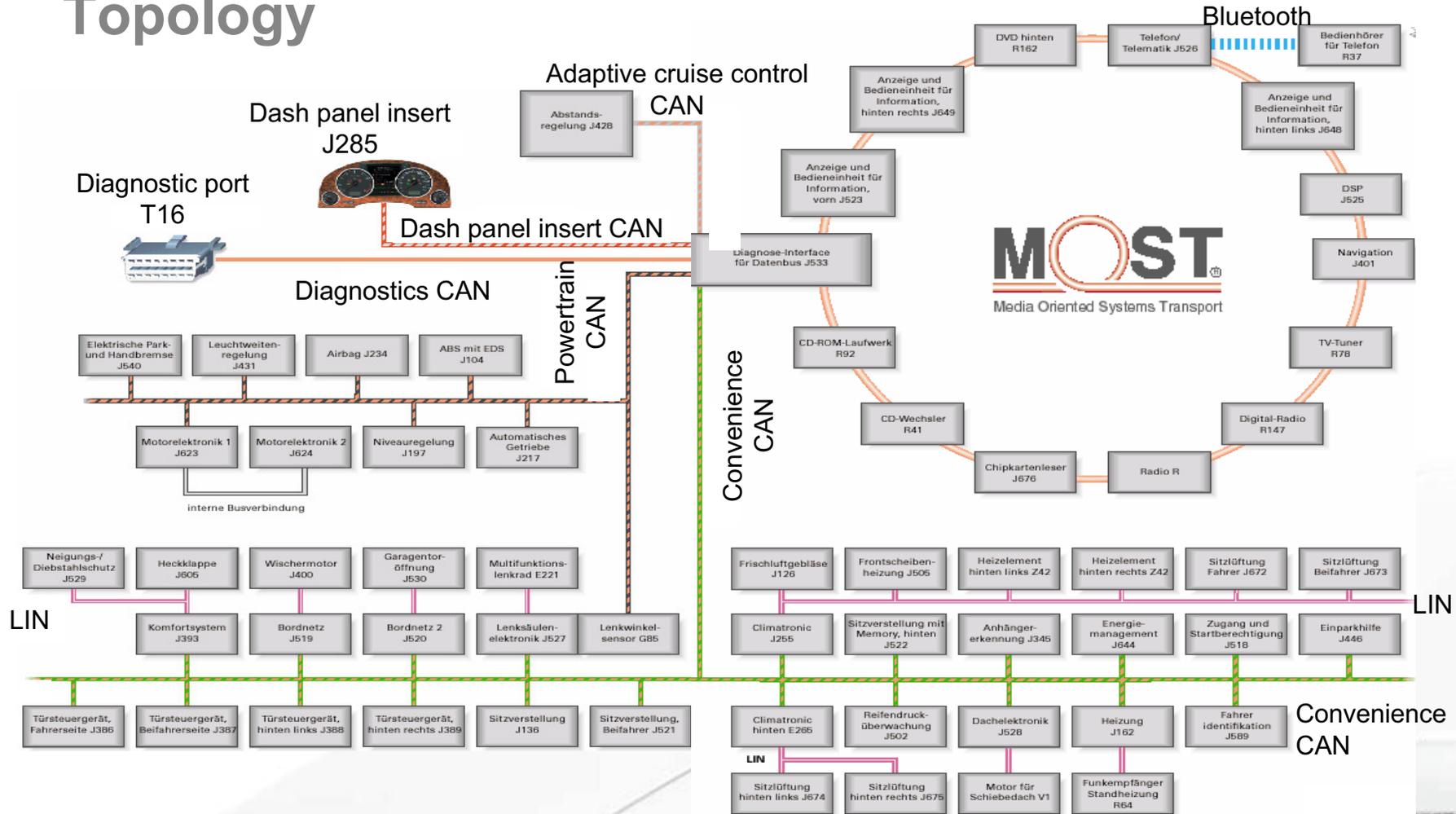


- Uses the MOST (Media Orientated Systems Transport) ring
- MOST ring uses optical data transfer
- Data is transferred clockwise
- MMI components are in series (If one component fails whole system will fail)
- Controlled by the MMI interface (located on centre console)
- 3x versions available
- MMI Basic Plus : 6.5" Monochrome Screen, 4x button operating unit, No Navigation
- MMI Basic Plus Navigation
- MMI High





Topology





Navigation Systems (Via MMI)

2x Running systems

- MMI Basic Plus Navigation (PR-8DP)
- MMI High (PR-8YQ)
- **Both controlled by an 8 button operating Unit** (located in Centre Console)
- **Both systems have Dynamic Route Guidance via TMC (Traffic Message Channel)**



MMI Basic Plus Navigation (PR-7Q9)



- CD Based Navigation
- Individual Country Discs (PR-7RF)
- 6.5" Monochrome Display (Red)
- Route displayed via DIS
- Radio/Auto Changer
- AM/FM/LW
- External Device Output
- Phone Prep Controller
- Production Dates
2003 – Present Day
- Model Fitment
A4,A5,A6,A8,Q7
- It is possible to Retro-fit an Auto Changer, but Not AMI to this unit
- Retro-fitted Auto Changer has got MP3 Functionality



MMI High Navigation (PR-7Q2)



- DVD Based Navigation
 - European DVD Disc (PR-7QT)
 - 7" Colour Display
 - Route displayed via DIS
 - Radio/Auto Changer
 - AM/FM/LW
 - External Device Output
 - TV Tuner (Optional)
 - Phone Prep Controller
 - Production Dates
2003 – Present Day
 - Model Fitment
A4,A5,A6,A8,Q7
- It is possible to Retro-fit an Auto Changer, and AMI to this unit
- Retro-fitted Auto Changer has got MP3 Functionality



External Devices



- **Retrofitted factory devices**
- Auto Changers
- iPod Adapters
- AMI (MOST bus)
- AMI (Can bus)
- **Retrofitted non factory devices**
- Phat Noise
- Dension Gateway 500 (only with MMI)



Auto Changers



- Location depends on vehicle and year
- Early changers had a CD magazine, were as the latest versions are front loaded
- Both types hold up to 6 Disc's
- Auto Changers used with MMI also have MP3 functionality (optional)

Normally Auto Changers with the CD magazine are boot mounted

Auto Changers with the MP3 functionality can only be used with MMI



iPod Adapter



- Can be Retro-fitted to vehicles with the following:
- Gen II, Gen II+, RNS-D,RNS-E and BNS 5.0
- Can not be used in conjunction with an Auto Changer (or another External Device)



iPod Compatibility (for iPod Adapter)



iPod Compatibility

G3 All Versions 	G4 All Versions 	G5 All Versions 	Photo 	Video 
Classic 	Mini All Versions 	Nano Gen I Gen II Gen III 	iTouch with Limitation 	



iPod Compatibility



iPod Adapter Retro-fit Quick Guide			
Part number - 8E0051444A		Part number - 8E0051444B	
Chorus Gen II	RNS-D	Chorus Gen II+	BNS 5.0
			
Concert Gen II		Concert Gen II+	RNS-E
			
Symphony Gen II		Symphony Gen II+	
			



AMI (Audi Music Interface) MOST bus



- Can be Factory fitted or Retrofitted
- Can only be retrofitted to vehicles with MMI High
- It is possible to have the AMI and an Auto Changer fitted at the same time
- Operating iPod via the MMI Interface
- Playback of all titles stored on the player
- Production Dates
2007 – Present Day
- Model Fitment
A4,A5,A6,A8,Q7



Display of playlists, performers, albums, titles and genres on the MMI screen

Functions available via MMI Interface



AMI (Audi Music Interface) CAN bus



- Can be Factory fitted or Retrofitted
- Can only be retrofitted to vehicles with Concert III or Symphony III headunits
- Playback of all titles stored on the player
- Production Dates

2009 Model year week 22/08 – Present Day

- Model Fitment A4,A5
Display of playlists, performers, albums, titles and genres on the MMI screen

Functions available : Scan, Random and Repeat

Selection forward and back

Fast forward and back

Power supply via adapter cable



iPod Compatibility (for AMI)



iPod Compatibility

G3 	G4 	G5 	Photo 	Video 
Classic 	Mini 	Nano - G1,G2,G3 		
iTouch 	iPhone 			



RSE (Rear Seat Entertainment) Systems



- Available as a Factory or Aftermarket option (Depending on vehicle and system)
- 3x different version available
- From a stand alone system to a fully integrated system



Rear Seat Entertainment Q7, A4 (B8), A6 PI 2008 & Q5



- Can be Factory fitted or Retrofitted
- Can only be retrofitted to vehicles with PR-code 9WM (Multimedia Preparation)
- Systems available with one or two Screens
- 7 inch Screen
- Headphone socket (3.5-mm bush) with volume control
- Rear Seat Entertainment should not be fitted to Q7's with folding tables as not technically approved due to reasons of occupant safety
- Each player has a battery for use outside the vehicle. The battery lasts a maximum of two and a half hours.
- Both players can be used independently of one another



Factory fitted RSE (A8 and Q7 only)



- Only fitted to the A8 and Q7
- There are 2x manufactures Blaupunkt and Alpine
- Both systems use a 6 Disc DVD player
- RSE cannot be retrofitted in the UK.



The replacement parts for the Blaupunkt system can be found on ETKA, but replacement parts for the Alpine system have to be ordered via Quattro GmbH



Rosen DVD Kit



- Aftermarket only
- 8" Flip down screen
- Self contained unit
- Production Dates*
- 2004 – Present Day
- Model Fitment*

A3,A4,A6



* Please check EPAC for correct fitment details

* There is no technical support from Audi on the part – For Technical issues please contact Vestatec



Mobile Phones



- **2x Most Common phone systems**
- 9ZF - Phone Prep with Hands Free system
- 9ZW – Bluetooth Mobile Phone Connection - SAP

- **Mobile phones can be used in conjunction with a cradle or via the “Bluetooth” connection**





Phone Preparation with Generation I Cradles (>2004)

- Only in conjunction with PR code 9ZF
- Gen I cradles have a cable connecting it to the system
- Normally mounted on the centre console or in the front armrest
- Cradle keeps phone charged
- Cradles are specific to phone model types*



* Please see EPAC for specific phone cradles

Cradles are at an extra cost



Phone Preparation with Generation II Cradles(2004>)



- Only in conjunction with PR code 9ZF
- Gen II cradles have no cable instead there is a Gold Plated strip on the base
- Normally located on the dash or in the front armrest
- Cradles are specific to phone model types*



- * Please see EPAC for specific phone cradles

Cradles are at an extra cost



Bluetooth Mobile Phone Connection – SAP (SIM Access Profile)



- PR-Code 9ZW
- Only available for vehicles with MMI High
- Mobile phone must have SIM-Access Profile facility*
- Both data from the SIM card and the mobile's internal memory is carried over to the vehicle
- Only needs to be paired once
- Once paired the mobile phone goes into "Sleep Mode"
- Able to view Text messages via the MMI screen**
- Optional Privacy Handset available (PR-PT4)

* Full list of compatible phones can be found on Audi Desktop

** Texts can be viewed but not created or sent. To do that you need the Optional Privacy Handset



rSAP (Remote SIM Access Profile)



- Only in conjunction with PR code 9ZF
- Retro fit version of SAP for vehicles with Phone Prep
- Mobile phone must have SIM-Access Profile facility
- Once paired the mobile phone goes in to "Sleep Mode"

