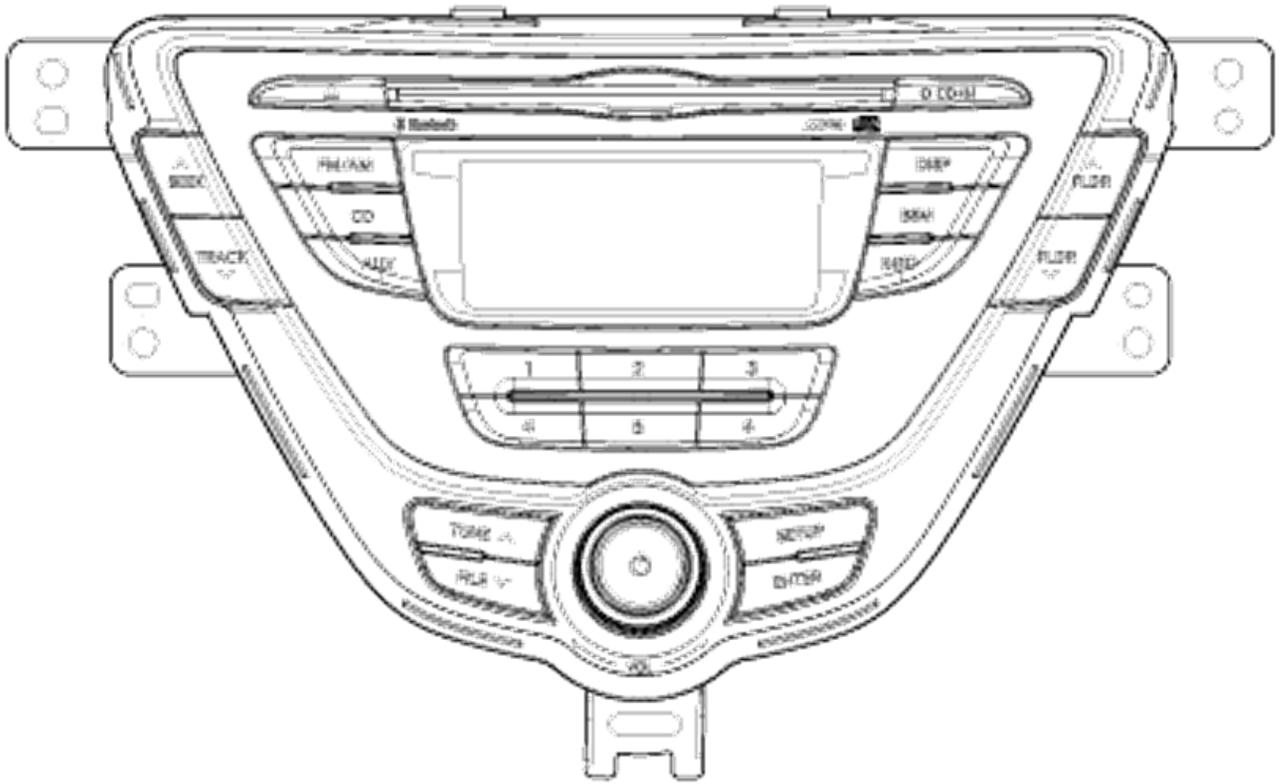
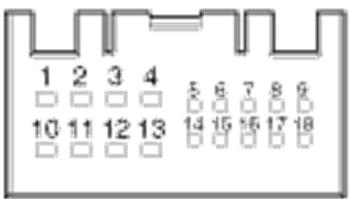
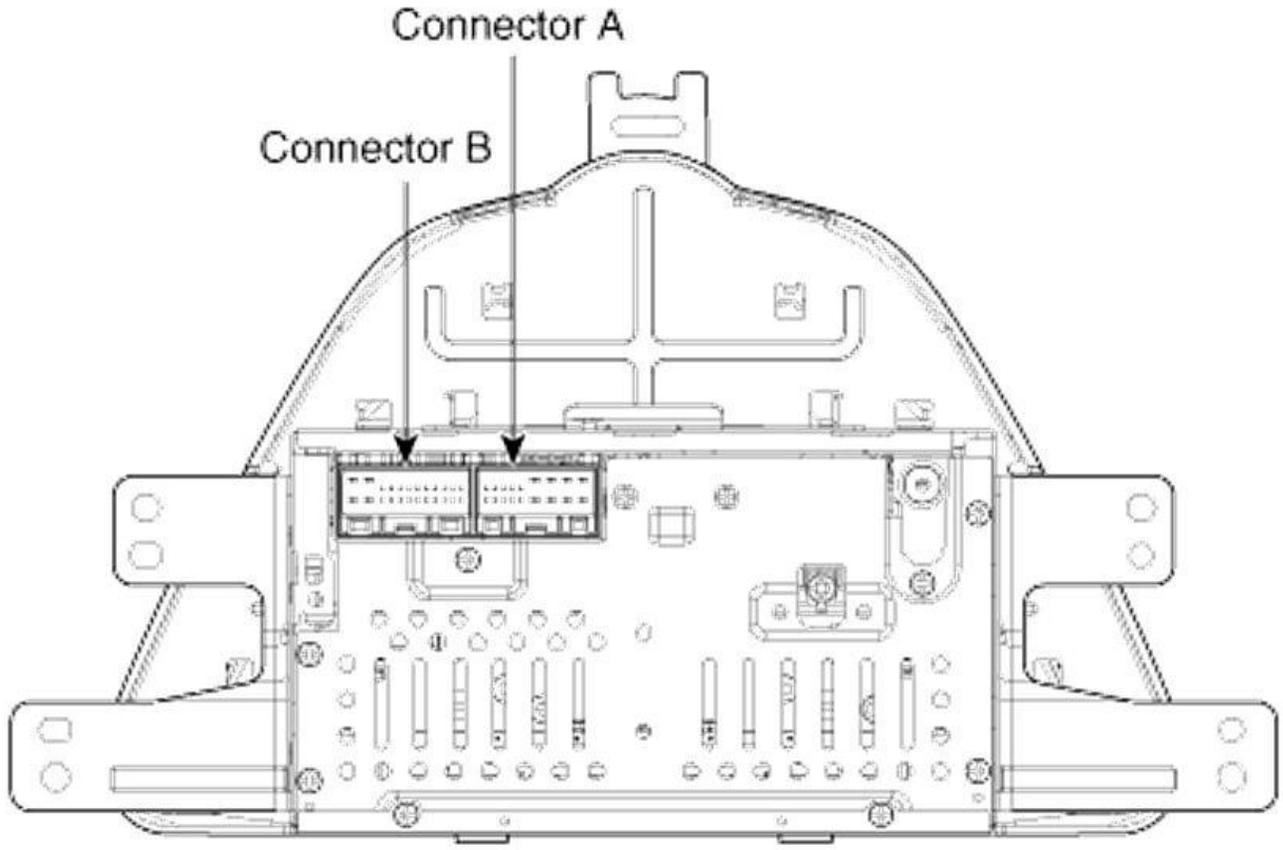


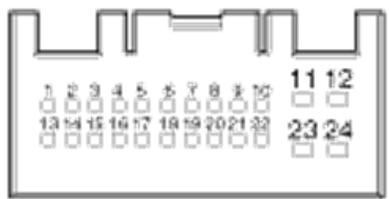
2012 Elantra Radio Head Unit

Wednesday, April 25, 2012
15:02





Connector A



Connector B

No	Terminal Description	Condition	Specified Condition
A1	Loudspeaker Rear Left+	Needed connection to the car	Analog output
A2	Loudspeaker Front Left+	Needed connection to the car	Analog output
A3	Loudspeaker Front Right+	Needed connection to the car	Analog output
A4	Loudspeaker Rear Right+	Needed connection to the car	Analog output
A8	Rheostat from vehicle +		
A9	Illumination DIM cancel spec		
A10	Loudspeaker Rear Left-	Needed connection to the car	Analog output
A11	Loudspeaker Front	Needed connection to the car	Analog output

	Left-		
A12	Loudspeaker Front Right-	Needed connection to the car	Analog output
A13	Loudspeaker Rear Right-	Needed connection to the car	Analog output
A17	Rheostat from vehicle -		
A18	Remote supply for motorised antenna	Acc on	9V ~ 18V
B4	Steering Wheel Remote Control	Steering Wheel switch pushed	0.5V ~ 3V
B6	USB D+	USB device is inserted	3.2V ~ 3.45
B7	USB /iPod power	USB/iPod device is inserted	4.9V ~ 5.1V
B8	AUX Right Sound Signal	External Auxiliary device is Audio playing(At time of Aux jack use)	A waveform synchronized with sound is output
B9	AUX Reference Ground	Always	Below 1 ohm
B10	Bluetooth MIC+	Input the Voice Signal via MIC	A waveform synchronized with Voice data via MIC
B11	Accessory	Engine switch on(ACC)	11 ~ 14 V
B12	Battery	Always	11 ~ 14 V
B16	Speed Sensor Signal	Engine switch on(IGN), car is moved slowly	Approx. 5V Level Pulse Generation
B17	Steering Wheel Remote Control Gnd	Always	Below 1 ohm
B18	USB data line	USB device is inserted	3.2V ~ 3.45
B19	iPod detection line	iPod device is inserted	GND
B20	AUX Signal Input Detect	Auxiliary device is inserted	0V(Low) → 5V(High)
B21	AUX Left Sound Signal	External Auxiliary device is Audio playing(At time of Aux jack use)	A waveform synchronized with sound is output
B22	Bluetooth MIC-	Input the Voice Signal via MIC	A waveform synchronized with Voice data via MIC
B23	Ground	Always	Below 1 ohm
B24	Ground	Always	Below 1 ohm