



**MULTI-VEHICLES**

**2008 -**

**INTERFACE KIT FOR IPOD**

**PT545-00082**

**Troubleshooting Guide**

## PROBLEM SYMPTOMS TABLE

Proceed with troubleshooting of each symptom in the table.

No	Symptom	Suspect Area	See Page
A1	iPod Interface (Satellite) mode, is not active.	<ol style="list-style-type: none"> <li>1. Head unit does not support SAT radio</li> <li>2. Low battery Voltage</li> <li>3. AVC-LAN connector/Cable</li> <li>4. Using XM or Sirius Radio</li> <li>5. iPod problem</li> <li>6. Incompatible iPod version</li> <li>7. iPod Interface electronics</li> </ol>	3
A2	iPod Interface (Satellite) mode, does not operate properly.	<ol style="list-style-type: none"> <li>1. Using XM or Sirius Radio</li> <li>2. Incompatible iPod version</li> <li>3. iPod problem/connection</li> <li>4. iPod Interface cable connection</li> <li>5. iPod Interface electronics</li> </ol>	4
A3	iPod Interface can not detect iPod. No Check mark on the iPod.	<ol style="list-style-type: none"> <li>1. Using XM or Sirius Radio</li> <li>2. Incompatible iPod version</li> <li>3. iPod problem/connection</li> <li>4. iPod Interface cable connection</li> <li>5. iPod Interface electronics</li> </ol>	5
A4	Music playback does not start.	<ol style="list-style-type: none"> <li>1. iPod problem/connection</li> <li>2. iPod's low battery voltage</li> <li>3. No songs inside iPod</li> </ol>	6
A5	No Audio on Vehicle Speakers	<ol style="list-style-type: none"> <li>1. iPod problem/connection</li> <li>2. iPod Volume Limit setting is too low (iPod 3G nano and iPod classic)</li> </ol>	7

**A1** | iPod Interface (Satellite) mode, not active.

**1** | Check the capability of Head Unit SAT or SAT ready.

OK

NG

End . System cannot use iPod Interface.

**2** | Check the iPod and connection.

OK

NG

Reset iPod. Press and hold iPod Center button and Menu

**3** | Check iPod Interface cable connection

OK

NG

Correctly secure to 16pin socket on the Interface unit.

**4** | Check system conflict. iPod Interface is not able to use with XM or Sirius Radio.

OK

NG

Remove the XM or Sirius Satellite Radio.

**5** | Check the iPod.

OK

NG

Reset iPod. Press and hold iPod Center button and Menu

**6** | Check the iPod version. iPod Interface does not support before 4th Generation iPod. See iPod Owner's Manual for compatibility listing.

OK

NG

Use compatible iPod

Replace the iPod Interface unit with newer unit.

<b>A2</b>	<b>iPod Interface (Satellite) mode does not work properly.</b>
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<b>1</b>	<b>Check system conflict. iPod Interface cannot function with XM or Sirius Radio.</b>
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<b>OK</b>	<b>NG</b>	<b>Remove the XM or Sirius Satellite Radio.</b>
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<b>2</b>	<b>Check the iPod version. iPod Interface does not support before 4th Generation iPod.</b>
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<b>OK</b>	<b>NG</b>	<b>Use compatible iPod. See iPod Owner's Manual for compatibility listing.</b>
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<b>3</b>	<b>Check the iPod problem and connection.</b>
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<b>OK</b>	<b>NG</b>	<b>Reset iPod. Press and hold iPod Center button and Menu.</b>
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<b>4</b>	<b>Check iPod Interface cable connection.</b>
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<b>OK</b>	<b>NG</b>	<b>Correctly secure to the iPod Interface unit.</b>
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<b>Replace the iPod Interface unit to the new unit.</b>
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<b>A3</b>	<b>iPod Interface cannot detect iPod. No Check mark on the iPod.</b>
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<b>1</b>	<b>Check system conflict. iPod Interface cannot be to used with XM or Sirius Radio.</b>
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<b>OK</b>	<b>NG</b>	<b>Remove the XM or Sirius Satellite Radio.</b>
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<b>2</b>	<b>Check the iPod version. iPod Interface does not support before 4th Generation iPod. See iPod Owner's Manual for compatibility listing.</b>
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<b>OK</b>	<b>NG</b>	<b>Use compatible iPod.</b>
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<b>3</b>	<b>Check the iPod problem and connection.</b>
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<b>OK</b>	<b>NG</b>	<b>Reset iPod. Press and hold iPod Center button and Menu.</b>
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<b>4</b>	<b>Check iPod Interface cable connection.</b>
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<b>OK</b>	<b>NG</b>	<b>Correctly secure to the iPod Interface unit.</b>
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<b>Replace the iPod Interface unit to the new unit.</b>
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<b>A4</b>	<b>Music playback does not start.</b>
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<b>1</b>	<b>Check the iPod problem and connection.</b>
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<b>OK</b>	<b>NG</b>	<b>Reset iPod. Press and hold iPod Center button and Menu.</b>
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<b>2</b>	<b>Check if iPod battery level is low.</b>
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<b>OK</b>	<b>NG</b>	<b>Wait for several minutes to charge IPOD battery.</b>
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<b>3</b>	<b>Check the iPod contents. No songs inside iPod?</b>
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<b>OK</b>	<b>NG</b>	<b>Need to put the song data to the iPod.</b>
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<b>End. System works.</b>
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<b>A5</b>	<b>Music playback does not start.</b>
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<b>1</b>	<b>Check the iPod problem and connection.</b>
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<b>OK</b>	<b>NG</b>	<b>Reset iPod. Press and hold iPod Center button and Menu.</b>
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<b>2</b>	<b>Check the iPod Volume Limit setting. Is the level too low? (This problem will happen on iPod 3G nano and iPod classic)</b>
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<b>OK</b>	<b>NG</b>	<b>Change the Volume Limit setting to high.</b>
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<b>3</b>	<b>Check the iPod contents. No songs inside iPod?</b>
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<b>OK</b>	<b>NG</b>	<b>Need to put the song data to the iPod.</b>
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<b>End. System works.</b>
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# IPOD INTERFACE WIRE DIAGRAM

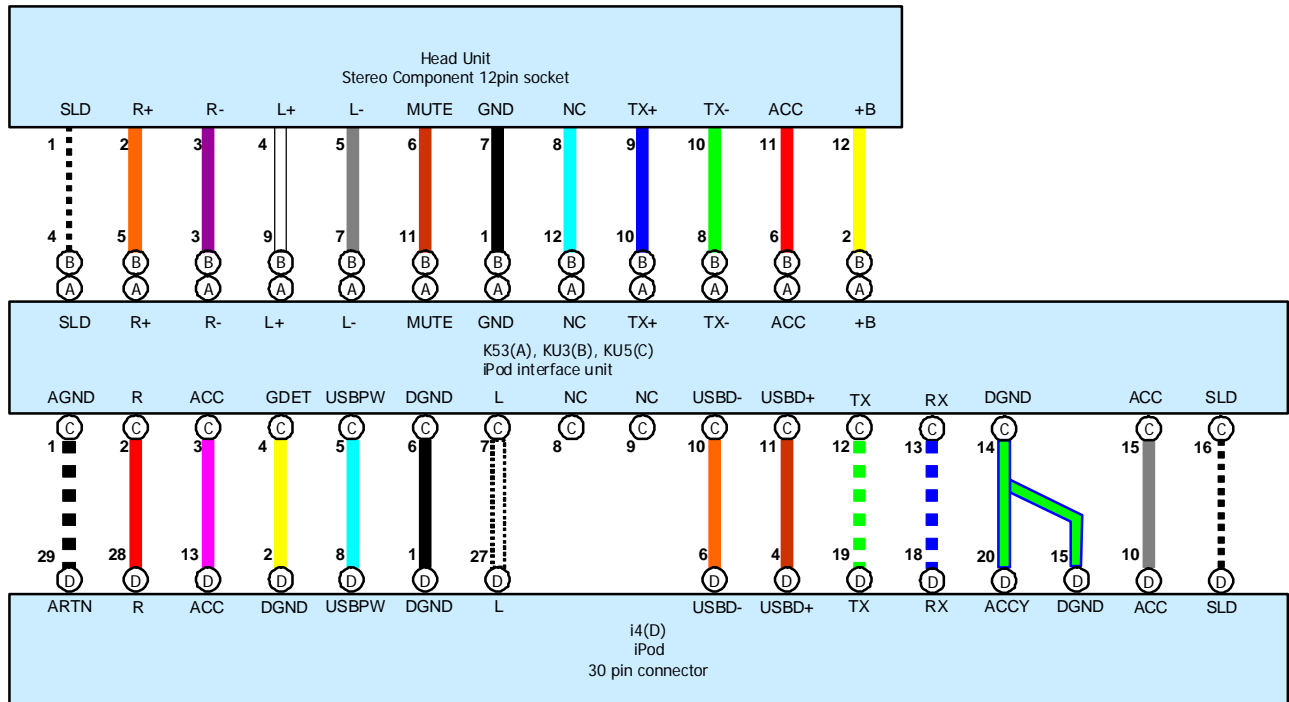
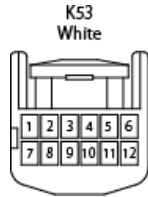
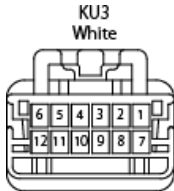
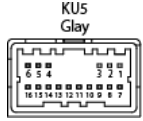
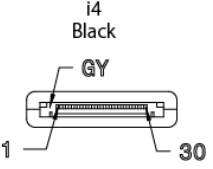


Figure 1. iPod Interface Wire Diagram

## CONNECTOR TABLE

0.64-12P (MALE) (025 - 12P)	PART # 1318774-1	 <p>K53 White</p>											
<table border="1"> <tr> <td>1 SLD</td> <td>2 R+</td> <td>3 R-</td> <td>4 L+</td> <td>5 L-</td> <td>6 MUTE</td> </tr> <tr> <td>7 GND</td> <td>8 NC</td> <td>9 TX+</td> <td>10 TX-</td> <td>11 ACC</td> <td>12 B+</td> </tr> </table>	1 SLD		2 R+	3 R-	4 L+	5 L-	6 MUTE	7 GND	8 NC	9 TX+	10 TX-	11 ACC	12 B+
1 SLD	2 R+	3 R-	4 L+	5 L-	6 MUTE								
7 GND	8 NC	9 TX+	10 TX-	11 ACC	12 B+								
0.64-12P (FEMALE) (025 - 12P)	PART # 1473407-1	 <p>KU3 White</p>											
<table border="1"> <tr> <td>1 SLD</td> <td>2 R+</td> <td>3 R-</td> <td>4 L+</td> <td>5 L-</td> <td>6 MUTE</td> </tr> <tr> <td>7 GND</td> <td>8 NC</td> <td>9 TX+</td> <td>10 TX-</td> <td>11 ACC</td> <td>12 B+</td> </tr> </table>	1 SLD		2 R+	3 R-	4 L+	5 L-	6 MUTE	7 GND	8 NC	9 TX+	10 TX-	11 ACC	12 B+
1 SLD	2 R+	3 R-	4 L+	5 L-	6 MUTE								
7 GND	8 NC	9 TX+	10 TX-	11 ACC	12 B+								

16P (FEMALE)				PART# GT10-16DP-DS 70)						 <p>K05 Gray</p>	
6 DGND	5 USB PWR	4 GND DET					3 ACC	2 R	1 AGND		
16 SLD	15 ACC	14 DGND	13 RX	12 TX	11 USB D+	10 USB D-	9 NC	8 NC	7 L		

30P (MALE)				PART# DD1P030MA1																 <p>i4 Black GY</p>	
1 DGND	2 DGND	3 NC	4 USBD +	5 NC	6 USBD -	7 NC	8 USBP WR	9 NC	10 ACC	11 NC	12 NC	13 NC	14 NC	15 DGND							
16 NC	17 NC	18 RX	19 TX	20 ACCY	21 NC	22 NC	23 NC	24 NC	25 NC	26 NC	27 L	28 R	29 ARTN	30 DGND (DET)							