Part Number: PT545-00082

**NOTE:** Part number of this accessory may not be the same as the part number shown.

### Kit Contents

<table>
<thead>
<tr>
<th>Item #</th>
<th>Quantity Req'd</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Unit Assembly Kit</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Mounting Kit</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Hardware Bags</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>Unit and Fit Kit List</td>
</tr>
<tr>
<td>5</td>
<td>1</td>
<td>Owner’s Manual</td>
</tr>
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</table>

### Unit Assembly Kit Contents

<table>
<thead>
<tr>
<th>Item #</th>
<th>Quantity Req'd</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Interface Kit</td>
</tr>
</tbody>
</table>

### Mounting Kit Contents

<table>
<thead>
<tr>
<th>Item #</th>
<th>Quantity Req'd</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>iPod Cable</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Grommet</td>
</tr>
</tbody>
</table>

### Hardware Bag Contents

<table>
<thead>
<tr>
<th>Item #</th>
<th>Quantity Req'd</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Foam Sleeve</td>
</tr>
<tr>
<td>2</td>
<td>4</td>
<td>2x4 inch Adhesive Protective Foam</td>
</tr>
<tr>
<td>3</td>
<td>4</td>
<td>14 inch Lock Tie</td>
</tr>
<tr>
<td>4</td>
<td>2</td>
<td>6 inch Lock Tie</td>
</tr>
</tbody>
</table>

### Conflicts

- **Satellite Radio Receiver**
- **Requirement**
  - SAT Ready Head Unit

### Recommended Sequence of Application

<table>
<thead>
<tr>
<th>Item #</th>
<th>Accessory</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Security System</td>
</tr>
<tr>
<td>2</td>
<td>RES</td>
</tr>
<tr>
<td>3</td>
<td>EC Rearview Mirror</td>
</tr>
<tr>
<td>4</td>
<td>iPod Interface</td>
</tr>
<tr>
<td>5</td>
<td>Bluetooth Hands Free</td>
</tr>
</tbody>
</table>

*Mandatory

### Vehicle Service Parts

**Vehicle Service Parts** (may be required for reassembly)

<table>
<thead>
<tr>
<th>Item #</th>
<th>Quantity Req'd</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</tr>
<tr>
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<tr>
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<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
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</tbody>
</table>

### Personal & Vehicle Protection

- **Notes**
- **Safety Goggles**
- **Seat Covers**
- **iPod Checker** IADS# AVA08-038-01
- **Panel Clip Remover** SST# 00002-06001-01
- **Sockets** 10 mm, 8 mm
- **Torque Wrench** 4.1 N-m (36 in-lbf) (Battery Cable) 10 N-m (7 ft-lbf)
- **Hole Saw** 1 1/8 inch (29 mm)
- **De-burring Tool**

### Special Tools

<table>
<thead>
<tr>
<th>Notes</th>
</tr>
</thead>
</table>

### Installation Tools

- **Tape Measure/Ruler** Metric/Standard
- **Side Cutters**
- **Masking Tape**

### Special Chemicals

- **Notes**
- **Cleaner** VDC Approved Cleaner

### General Applicability

**Note:**

**Legend**

- **STOP:** Damage to the vehicle may occur. Do not proceed until process has been complied with.
- **OPERATOR SAFETY:** Use caution to avoid risk of injury.
- **CAUTION:** A process that must be carefully observed in order to reduce the risk of damage to the accessory/vehicle and to ensure a quality installation.
- **TOOLS & EQUIPMENT:** Used in Figures calls out the specific tools and equipment recommended for this process.
- **REVISION MARK:** This mark highlights a change in installation with respect to previous issue.
- **SAFETY TORQUE:** This mark indicates that torque is related to safety.
### Parts Description of Interface Kit Assy.

<table>
<thead>
<tr>
<th>Item #</th>
<th>Part Name</th>
<th>Part No.</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Interface Kit</td>
<td>PT545-00082</td>
<td>1</td>
</tr>
</tbody>
</table>

### Parts Description of Mounting Kit (PT545-00082)

<table>
<thead>
<tr>
<th>Item #</th>
<th>Part Name</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>iPod Cable</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>Grommet</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>Foam Sleeve, 2x4 inch Adhesive Protective Foam, 14 inch Lock Tie, 6 inch Lock Tie</td>
<td>1, 4, 4, 2</td>
</tr>
</tbody>
</table>
Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure a quality installation.

These guidelines can be found in the "Accessory Installation Practices" document.

This document covers such items as:-
- Vehicle Protection (use of covers and blankets, cleaning chemicals, etc.).
- Safety (eye protection, rechecking torque procedure, etc.).
- Vehicle Disassembly/Reassembly (panel removal, part storage, etc.).
- Electrical Component Disassembly/Reassembly (battery disconnection, connector removal, etc.).

Please see your Toyota dealer for a copy of this document.

**NOTES**

- **Removed Parts:**
  - Place all removed parts on a protected surface.

- **Connectors:**
  - When disconnecting connectors, do not pull on the wires; pull on the connectors.

- **Lock Ties:**
  - When using lock ties to secure harness, clip the lock ties after securing them.

- **Machine Screws:**
  - Start all machine screws by hand.

- **When disconnecting a yellow connector for the SRS airbag, wait 90 seconds or more after disconnecting the negative battery cable before performing the next task.**

1. **Disassembly of Vehicle.**

   - (a) Remove the negative battery cable. (Fig. 1-1)
   - (1) Be careful not to touch the positive battery terminal.
(b) Remove the front door scuff plate RH.
   (1) Using a nylon pry tool, disengage three (3) clips and two (2) claws, and remove the scuff plate. (Fig. 1-2)

(c) Remove the cowl side trim board RH.
   (1) Using a nylon pry tool, disengage two (2) clips and one (1) claw, and remove the trim board. (Fig. 1-3)

(d) Remove the passenger side dash trim.
   (1) Disengage eight (8) clips and disconnect any electrical connections to remove the wood grain dash piece. (Fig. 1-4)

   (2) Remove side dash panel and the panel directly above the lower glove box. (Fig. 1-5)
(3) Remove four (4) 10 mm bolts to allow the removal of the lower glove box. (Fig. 1-6)

(e) Remove shift lever panel. (Fig 1-7)
   (1) Unscrew knob.
   (2) Disengage four (4) clips.
   (3) Disconnect wire harness, and remove panel.
   (4) Move the shift lever to “L”.
   \begin{itemize}
     \item \textbf{NOTE:} Protect the shift level.
   \end{itemize}

(f) Remove HVAC control panel. (Fig 1-8)
   (1) Disengage six (6) clips, disconnect any wire harness connections, and remove control panel.
(g) Remove radio assembly. (Fig. 1-9)

1. Add protective tape to dash overhang at left upper corner of radio head unit to prevent panel scuffing.
2. Remove bolts located below the L & R sides of the radio.
3. Disengage five (5) clips and two (2) claws.
4. Pull out the radio / vent assy.
5. Disconnect radio harness connections.
6. Vent covers will remain on radio.

(h) Remove the upper side (RH) vent assembly.

1. Disengage one (1) claw and four (4) clips, and then remove the upper side (RH) vent assembly. (Fig. 1-10)

(i) Remove the upper glove box. (Fig. 1-11)

1. Remove two (2) bolts.
2. Remove the center cover and remove the bolt.
3. Disengage two (2) clips and two (2) claws.
2. **Install the Cables and Interface Unit.**

   (a) Place two (2) 14” lock ties around the cross member inside the glove box. (Fig. 2-1)

   **NOTE:** Do not tighten the lock ties.

   (b) Install the foam sleeve over the interface unit.

   (c) Connect the iPod cable to the interface unit. (Fig. 2-2)

   (d) Slide the interface unit and the iPod cable through two (2) 14” lock ties.

   (e) Tighten two (2) 14” lock ties and secure the interface unit and the iPod cable. (Fig. 2-2)

     (1) Make sure that the iPod cable is not bent too tightly or kinked.

     (2) The interface unit should fit securely to the cross member.

   **NOTE:** Trim excess from all lock ties after tightening. Ensure the lock ties are not interfering with any panels, harnesses or brackets.

3. **Connect the AVC-LAN Cable to the Head Unit.**

   (a) Route the AVC-LAN cable through the opening to the head unit. (Fig. 3-1)

   (b) Bundle the excess AVC-LAN cable with cushion tape and secure to the vehicle harness behind the head unit by using one (1) 14” lock tie. (Fig. 3-1)

   **NOTE:** Match the length of the AVC-LAN cable to the factory audio connectors.
NOTE: If the 12-pin connector is already pre-wired to the head unit, proceed to step (c). If the 12-pin connector is not pre-wired to the head unit, proceed to step (d).

(c) If the 12-pin connector is already pre-wired to the head unit.

1. Remove the pre-wired 12-pin connector from the head unit.

2. If applicable, plug the pre-wired 12-pin connector into the connector of the AVC-LAN cable. (Fig. 3-2 & 3-3)

3. Wrap the connectors with adhesive protective foam to secure. (Fig. 3-4)

4. Plug the connector of the AVC-LAN cable into the head unit. (Fig. 3-6)

5. Reconnect the factory harness and antenna.

(d) The 12-pin connector is not pre-wired to the head unit.

1. Wrap the unused connector of the AVC-LAN cable in adhesive protective foam. (Fig. 3-5)

2. Secure unused socket to factory harness with one (1) 6” lock tie.

3. Reconnect the factory harness and antenna.
4. Secure the iPod Cable.

(a) Bundle the excess iPod cable with the cushion tape behind the glove box. (Fig. 4-1)

**NOTE:** Ensure the cable is exiting the right side of the bundle to keep proper length.

(1) Provide sufficient iPod cable length so 12 inches of cable will be in the glove box after installation. (Fig. 4-1)

(b) Secure the bundle of iPod cable to the cross member with one (1) 14” lock tie. (Fig. 4-2)

(c) Trim off excessive lock tie length.

5. Route the iPod Cable Terminal.

(a) Make a round hole through which the cable can pass at the location on the glove box shown in the illustration. (Fig. 5-1)

**NOTE:** Ensure that the glove box is closed and locked to prevent damage of the backside of the glove box when drilling the hole.

(1) Hole saw is 1 1/8” (29 mm)

(2) De-bur drilled hole.

(3) Clean shaving from glove box after drilling.

(b) Route the iPod cable through the hole and into the glove box. (Fig. 5-2)
(c) Apply the grommet to the iPod cable. The distance from the grommet to the iPod connector terminal should be approx. 12 inches. (Fig. 5-3)

(d) Secure the grommet to the hole from the inside of the glove box. (Fig. 5-4)

**NOTE:** The inside of the glove box should look like Fig. 5-4.

(e) Reinstall the glove box.

6. **In Process Test of Interface Kit**

(a) Plug the connector of the AVC-LAN cable and all audio pre-wired cables into the head unit. (Fig. 6-1)

(b) Temporarily reinstall the head unit.

(c) Temporarily reconnect the negative battery cable. (Fig. 6-2)

**CAUTION:** Do not touch the positive terminal with any tool.
(d) Connect the iPod cable to the iPod checker. (Fig. 6-3)

(1) The first green light on the checker will remain lighted at all times to show that it is connected.

(e) Confirm the proper connection of the interface kit.

(1) If the interface kit is successfully connected, the second green light on the checker will flash once every second.

(2) If the interface kit has not been successfully connected, the second light will not flash.

(f) After testing for proper connection of the interface kit, disconnect the negative battery cable.

(g) Remove the head unit.

7. Complete the Reassembly of the Vehicle

(a) Reinstall upper glove box assembly.

(b) Reinstall the head unit.

(c) Reinstall dash components & trim pieces.

(1) Reconnect any disconnected connectors.

(d) Reconnect the vehicle’s negative battery cable. (Fig. 7-1)

(1) Reconnect the negative terminal back to its original position.

(2) Tighten the nut with 4.1 N-m (36 in-lbf) of torque.

(3) Be careful not to touch the positive battery terminal.

(e) Clean up and remove any trash.

(f) Place the owner’s manual in the glove box.
Checklist - these points **MUST** be checked to ensure a quality installation.

<table>
<thead>
<tr>
<th>Check: Accessory Function Checks</th>
<th>Look For:</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ Interface Kit</td>
<td>*Verify the proper operation of the Interface kit by using the checker.</td>
</tr>
<tr>
<td>☐ Receiver/player Assembly</td>
<td>*Verify the proper operation of the Receiver/player Assembly.</td>
</tr>
<tr>
<td></td>
<td>*Verify both AM &amp; FM have good reception.</td>
</tr>
<tr>
<td></td>
<td>*(Refer to the received assembly and radio owner’s manuals.)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Check: Vehicle Function Checks</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ Hazard Switch</td>
<td>Verify the proper operation of the hazard switch.</td>
</tr>
<tr>
<td>☐ HVAC</td>
<td>Verify the proper operation of the air conditioning system.</td>
</tr>
<tr>
<td>☐ Multi-Information Displays (Clock, Temp., and MPG Meter)</td>
<td>Verify the proper operation of the multi-information displays.</td>
</tr>
<tr>
<td>☐ Operation of the 12V Outlet Switch</td>
<td>Verify the proper operation of the 12V outlet switch.</td>
</tr>
<tr>
<td>☐ Audio AM/FM</td>
<td>Verify the proper operation of audio AM/FM.</td>
</tr>
<tr>
<td>☐ NAV Antenna Functioning</td>
<td>Confirm navigation operation by AVN diagnostics.</td>
</tr>
</tbody>
</table>