**Extension 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>Extension Box (w/BT wire harness)</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>2</td>
<td>4</td>
<td>M8 Screws</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Wire harness, Jumper Cable</td>
</tr>
</tbody>
</table>

**Hardware Bag Contents – 1**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Quantity Req'd</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4</td>
<td>Screws (M8)</td>
</tr>
</tbody>
</table>

**Additional Items Required For Installation**

<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>USB Memory Stick</td>
</tr>
</tbody>
</table>

**Conflicts**

Premium AVN Audio

**Recommended Tools**

**Personal & Vehicle Protection**

- Seat Covers
- Floor Protectors

**Special Tools**

**Installation Tools**

- Ratchet
- Extensions
- Sockets: 8 mm, 10 mm
- Wrench: 10 mm
- Nylon Made Panel Removal Tool: e.g. Panel Pry Tool #1
  Toyota SST: 00002-06001-01
- Masking Tape: (1-2” wide)
- Protective Cloth

**Special Chemicals**

- Cleaner: VDC Approved Cleaner

**Recommended Sequence of Application**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Accessory</th>
</tr>
</thead>
</table>

*Mandatory*

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

| Item # | Quantity Req'd | Description |

**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 Radio Extension Box

<table>
<thead>
<tr>
<th>Item #</th>
<th>Parts Name</th>
<th>Parts No.</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Extension Box</td>
<td>86100-YY050</td>
<td>1</td>
</tr>
</tbody>
</table>

Parts Description of Mounting Kit

<table>
<thead>
<tr>
<th>Item #</th>
<th>Parts Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Jumper Cable</td>
</tr>
<tr>
<td>2</td>
<td>M8 Screws</td>
</tr>
</tbody>
</table>

Qty | 1 | 4 |
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 connector

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

**Vehicle Protection.**

(a) Remove rear floor cover

(1) Protect the bumper before starting.

2. **Vehicle Disassembly**

(a) Remove rear deck board. Fig. 2-1
(b) Remove floor tray. Fig. 2-2

(c) Remove small tray rear passenger-side covering battery. Fig. 2-3

(d) Disconnect negative battery cable using 10mm wrench (do not touch positive terminal with any tool when removing cable). Fig. 2-4

(e) Open upper and lower glove box.

(f) Pull out upper storage compartment with hands only (no tools needed.) Fig. 2-5
Procedure

(g) Place protective tape on dash.

(h) Insert pry tool and slowly open top. Fig 2-6

(i) Remove bottom of ignition panel with hands (pry tool not needed). Fig. 2-7

(j) Unplug electrical connections.

(k) Remove air conditioning/vent cover by hand pulling rearwards. Fig. 2-8

(l) Remove (4) 10mm hex screws attaching radio. Fig. 2.9
Procedure

(m) Cover lower AC cover control panel with a protective cloth.

(n) Remove Display Audio radio.
    Fig. 2-10

(o) Disconnect connections at back of radio.
    Fig. 2-11

(p) Remove white tape from Bluetooth/USB harness.
    Fig. 2-12
3. **Installing Extension Box**

(a) Remove break-away tape from Bluetooth/USB on Extension Box cable.

(b) Plug Bluetooth connector from Extension box into radio. Fig. 3-1

(c) Install (4) Extension Box mounting screws (2-on each side). Fig. 3-2
(d) Attach jumper cable (Included in Extension Box kit). Fig. 3-3

(e) Locate the GPS antenna connector. Reconnect all cables, including new Bluetooth and jumper cable on Extension Box and GPS connector. Fig. 3-4
4. Re-install Display Audio Radio & Function Check

(a) Reconnect battery, torque to 48 inch/lbs and conduct in-process functional check.

(b) Press the Setup button on the faceplate. Fig. 4-1

(c) Diagnostic Mode Checks

(d) Press CAR button, hold, and cycle lights three times. Fig. 4-1

(e) Touch Function Check/Setting. Fig. 4-2

(f) Touch Ext Box. Fig. 4-3
(g) Touch Diagnostics. Fig. 4-4

(h) Plug USB device into vehicle. Fig. 4-5

(i) Confirm Diagnostics Test results. Fig. 4-6

- Bluetooth Antenna Connected: Yes
- FM Harness Connected: No
- GPS Antenna Connected: Yes
- USB Connected: Yes
(j) Exit diagnostics mode by holding down the **SETUP** button

(k) Function check AM, FM, XM, APPS, CAR, MAP, Km/h-MPH, Hazard Warning Light (note: “FM Harness Connected” will read “No”)
### Vehicle Functional Check

<table>
<thead>
<tr>
<th>Feature</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM Radio</td>
<td>AM Radio Signal/Change Stations</td>
</tr>
<tr>
<td>FM Radio</td>
<td>FM Radio Signal/Change Stations</td>
</tr>
<tr>
<td>XM Radio</td>
<td>XM Radio Signal/Change Stations</td>
</tr>
<tr>
<td>Steering Wheel Controls</td>
<td>All Steering Wheel Controls Functional</td>
</tr>
<tr>
<td>Backup Camera</td>
<td>Backup Camera Functional</td>
</tr>
<tr>
<td>APPs</td>
<td>Applications Displayed/Functional</td>
</tr>
<tr>
<td>CAR</td>
<td>CAR Button Functional</td>
</tr>
<tr>
<td>MAP</td>
<td>MAP Button Functional</td>
</tr>
<tr>
<td>Km/h-MPH</td>
<td>Km/h-MPH Settings Change</td>
</tr>
<tr>
<td>Hazard Warning Lights</td>
<td>Hazard Lights Function</td>
</tr>
</tbody>
</table>