NAVIKS
AUDIO & VIDEO INTEGRATION ACCESORIES

Toyota Avalon 2005 - 2010

Before you begin installing the NAVIKS unit please make sure the negative battery terminal is disconnected and the parking brake is engaged.
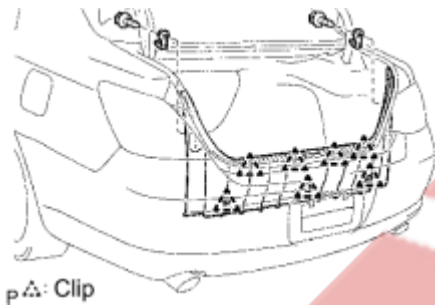
CAUTION
Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pre-tensioner activation.

Read entire manual before starting the installation.
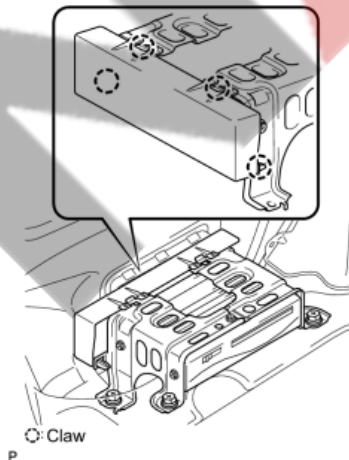
Navigation ECU is located in the trunk.

1. REMOVE LUGGAGE COMPARTMENT TRIM COVER INNER LH
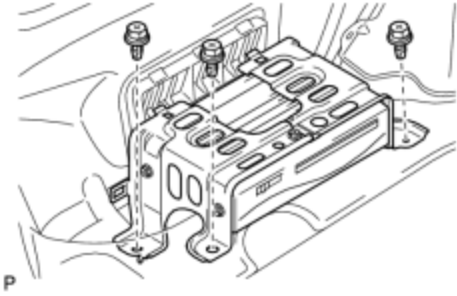   REMOVE REAR FLOOR FINISH PLATE

p△: Clip

    (a) Unfasten **two** (**2**) screws and the **two** (**2**) luggage compartment trim hooks.
    (b) Disengage **seven** (**7**) clips and remove the rear floor finish plate.

2. REMOVE NAVIGATION ECU COVER

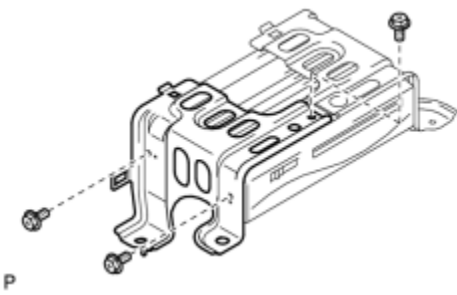   (a) Disengage **four** (**4**) claws and remove the navigation ECU cover.

○: Claw
P

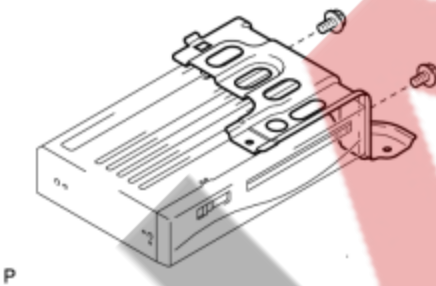## 3. REMOVE NAVIGATION COMPUTER WITH BRACKET

(a) Unfasten **three** (**3**) screws and navigation computer w/ bracket.
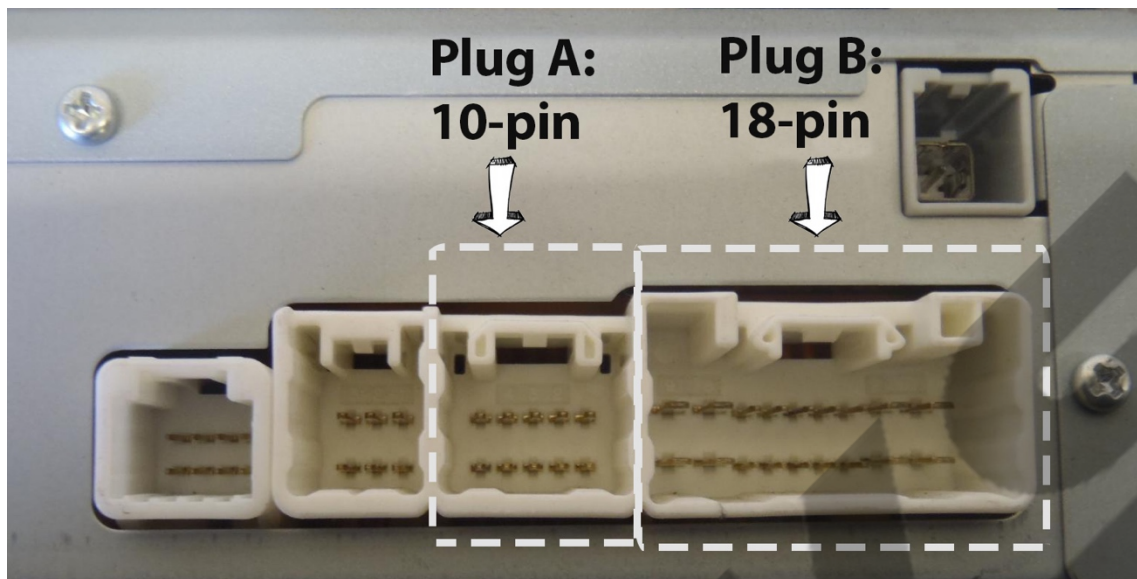
4. REMOVE NO.2 DISC PLAYER BRACKET

(a) Unfasten **three** (**3**) bolts and No. 2 disc player bracket.

5. REMOVE DISC PLAYER BRACKET

(a) Unfasten **two** (**2**) bolts and disc player bracket.

Plug & Play Harness:

1. Disconnect OEM **Plug A 10-pin** at the back of Navigation DVD-ROM.
2. Combine OEM 10-pin plug with provided plug & play harness.
3. Connect remaining 10-pin plug back to the Navigation DVD-ROM.
4. Connect **Black 9-pin** end of the plug & play harness to HDMI video interface.

Wire Harness Side

Navigation ECU

Accessory #18

Ground #17

Reverse Trigger #14

Power Connection:

1. Splicing at **Plug B** 18-pin back of Navigation DVD-ROM.
2. Splice **Red** wire labeled "**ACC**" pin **#18 Blue** wire (accessory power wire).
3. Splice **Black** wire labeled "**GND**" with pin **#17 White / Black** wire (ground wire) or vehicle's chassis.

Rear Camera Connection:

1. Splice **Brown** wire labeled "**Reverse Trigger 12v**" with pin **#14** Black wire (reverse trigger wire).
2. Splice camera's power wire with reverse light bulb **Red** wire (power wire for camera).
3. Connect camera's ground wire to vehicle chassis (ground camera).
4. Connect camera's RCA to **Green** RCA labeled "**Camera In**".

Video Input Access:

1. Mount switch within reach press once to cycle between video inputs: HDMI > AV1 > OEM screen.
2. If you'd like to extend the switch you may, do not mix up wires while extending.

Disable / Enable Video Inputs:

1. Press and hold "**Plus**" (**+**) button for 3 seconds to disable / enable HDMI video input.
2. Press and hold "**Minus**" (**-**) button for 3 seconds to disable / enable HDMI video input.

Video Input Brightness:

1. Press "**Plus**" (**+**) button to brighten the image.
2. Press "**Minus**" (**-**) button to darken the image.
3. Each video input has its own brightness memory.

Audio:

1. A 3.5mm to RCA wire is needed to achieve audio.
2. Connect RCA end to **Audio Out L** & **Audio Out R.**
3. Route 3.5mm headphone jack to vehicle's OEM 3.5mm AUX audio input.
4. If vehicle does not have a 3.5mm AUX audio input an AUX integration may be possible (contact us).
5. FM modulator is another alternative for audio.