

# SUBARU® INSTALLATION INSTRUCTIONS

# SUBWOOFER/AMPLIFIER H6300LS200 LEGACY

## KIT CONTENTS

#	Part Name	SUBARU Part #	Quantity
①	Subwoofer	H6300AS050	1
②	Harness	H6300LS210	1
③	Bracket Kit	H6300LS220	1
④	Screw	H6300LS220	4
⑤	Washer	H6300LS220	4
⑥	Cushion	H6300LS220	2
⑦	Installation Instruction		1

## TOOLS REQUIRED

Stubby #2 Phillips Screwdriver  
#2 Phillips screwdriver with  
a Magnet Tip

14mm socket  
Ratchet  
Torque Wrench (ft. -lb.)  
Torque Driver (in. -lb.) with Phillips Head Tip  
Utility knife

## READ ALL INSTRUCTIONS PRIOR TO INSTALLATION

### IMPORTANT : DISCONNECT BATTERY

## 1. REMOVAL OF CENTER CONSOLE

- Remove the gearshift cover by pulling up slightly and back in areas indicated by arrows in Figure-1.
  - For automatic transmission, shifter must temporarily be placed into neutral.
  - For standard transmission, the shift knob must be removed by unscrewing.

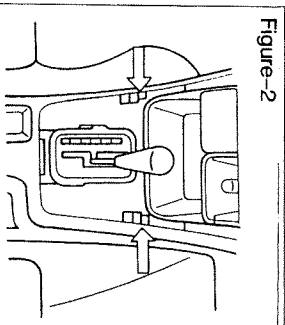


Figure-2

- Remove the tray by removing the two screws indicated by arrows in Figure-2.

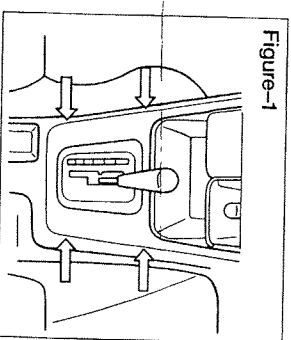


Figure-1

- Remove the ashtray. Disassemble ashtray assembly by removing the two screws indicated by arrows in Figure-3.

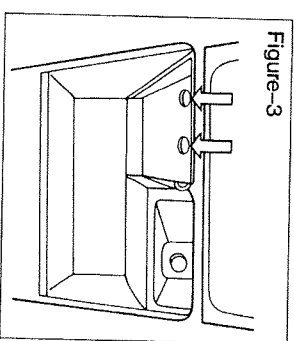


Figure-3

- Remove the center console cover by carefully pulling rearward in areas indicated by arrows in Figure-4 and disconnect cigarette lighter or socket.

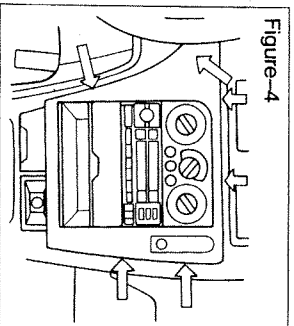


Figure-4

## 2. REMOVAL OF HEAD UNIT

- Remove the radio and pocket assembly by removing the (6) Phillips screws ⑥ and pulling radio bracket assembly outward. (Figure-5).  
(Note : protect vehicle trim with rags or paper).
- Disconnect Heating / Ventilation and Air conditioner (HVAC) control unit from bracket (4 screws) ④ and move HVAC control unit out of the way. (See Figure-5).
- Disconnect 14 PIN connector and antenna lead from back of radio. (See Figure-5).

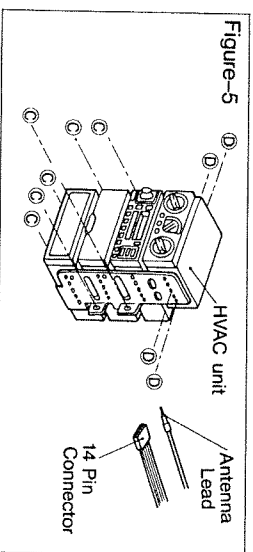
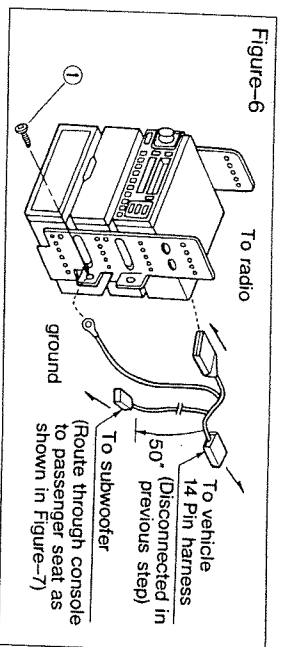
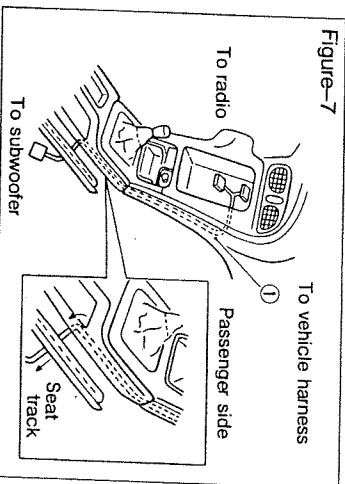


Figure-5

### 3. CONNECT SUBWOOFER WIRE HARNESS

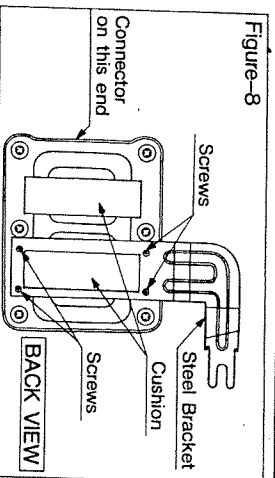
1. Route harness behind center console as shown in Figure-7.
2. Connect harness as shown in Figure-6.
3. Connect ground with screw (1) to right side hole upon re-installation.

### 4. HARNESS ROUTING



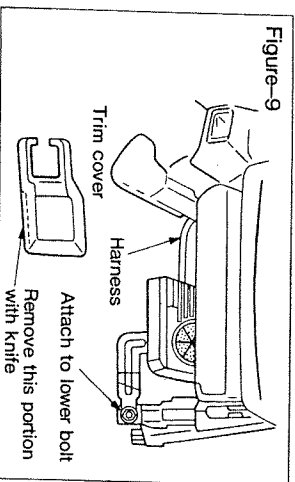
1. Adjust passenger seat all the way back.
  2. Pass subwoofer harness (1) through inside of center console. (See Figure-7).
  3. Loosen the 2 screws on the center console for added clearance.
  4. Carefully push connector and harness under side wall of center console.
  5. Carefully push connector and harness under seat track at position shown in Figure-7.
- Note : Be sure subwoofer harness does not interfere with moving parts when sliding seat forward and back.

### 5. BRACKET INSTALLATION TO SUBWOOFER



1. Remove 4 screws as shown from bottom of subwoofer. (Discard screws)
  2. Attach bracket to subwoofer securely with 4 screws & 4 washers. (Supplied).
- Note : Tighten subwoofer bracket screws to  $10.5 + / - 0.9 \text{ in. -lb.}$   
 $(12 + / - 1 \text{ kg-cm})$
3. Attach 2 pieces of cushion to subwoofer bottom by peeling off and sticking on to subwoofer. (See Figure-8).

### 6. SUBWOOFER BRACKET INSTALLATION TO SEAT TRACK



1. Adjust passenger seat all the way forward. Remove the passenger seat right rear seat track trim cover. (Pull front edge of trim outward to disengage, then slide to the rear to remove).
  2. Loosen the bolt approximately 1/4 inch with a ratchet and 14 mm socket.
  3. Remove paper backing from foam cushion pieces on bottom of subwoofer.
  4. Being careful not to allow cushion adhesive to touch carpet, slide the slotted end of the bracket as far side ways on the seat track bolt as possible.
  5. When subwoofer / bracket is correctly positioned, press subwoofer down onto carpet.
  6. Tighten seat track bolt to  $38 + / - 7 \text{ ft. -lb.}$   $52 + / - 10 \text{ Nm.}$
  7. Be sure subwoofer does not interfere with seat when sliding seat forward and back.
  8. Remove approximately 1/4 inch from the bottom of the seat track trim cover to provide clearance for the bracket. (Figure-9).
  9. Re-install trim cover onto seat track by reversing step 1.
  10. Connect harness connector to subwoofer. (See Figure-9).
- Excess harness should be toward radio end of harness. Harness should lay on floor.

### 7. COMPLETE THE INSTALLATION

1. Re-install HVAC control unit onto bracket using (4) screws (1).
2. Re-install radio assembly with the (6) screws (1).
3. Re-install battery ground cable.
4. Re-install all trim in the reverse of the above including re-connection of all electrical connections.

### 8. TEST OPERATION

Before completing the installation confirm subwoofer is working.

1. Re-connect the battery.
2. Turn key ON.
3. Turn on the radio and turn the volume knob to around 10 o'clock.
4. Confirm subwoofer is working.
5. Turn key OFF.

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