



Vehicle Entertainment (15.00)

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Vehicle Entertainment (15.00)

Audio System (15.01)

Maintenance

Power Amplifier-Renew

Repair Operation Time (ROT)	
Item	Code
Power Amplifier-Renew	15.01.AB

Removal

1. Battery isolation switch 'OFF'.
2. Remove RH luggage compartment carpet (see Workshop Manual procedure 01.05.FB Carpet Assembly - Luggage Compartment - Side - RH - Renew).
3. Remove RH rear upper pillar panel assembly (see Workshop Manual procedure 01.05.BF Panel Assembly - Rear Pillar - Upper - RH - Renew).
4. Remove bolt (x1) and nuts (x2) from power socket bracket to body (see Fig. 1).



Fig. 1

5. Release power socket bracket and position aside.
6. Remove Torx screws (x6) from amplifier bracket to body (see Fig. 2).



Fig. 2

7. Release clip securing lamp harness to amplifier bracket.

8. Disconnect harness to luggage compartment lamp and remove lamp assembly.
9. Release power amplifier bracket from body and disconnect harness multiplugs (x3).
10. Remove amplifier and bracket assembly.
11. Disconnect multiplugs (x3) from amplifier to audio harness.
12. Remove nuts and bolts (x4) that secure power amplifier to mounting plate and remove amplifier (see Fig. 3).



Fig. 3

13. Collect spacers between amplifier and mounting plate (see Fig. 4).



Fig. 4

Installation

1. Position amplifier and spacers to mounting plate.
2. Install nuts and bolt amplifier to mounting plate.
3. Connect multiplugs (x3) from amplifier to audio harness.
4. Position amplifier and bracket assembly to body and connect multiplugs (x3).
5. Secure luggage compartment lamp harness and connect and install lamp assembly.
6. Install Torx screws (x6) from amplifier bracket to body.
7. Position power socket bracket to body and install bolt (x1) and nuts (x2).
8. Install RH rear upper pillar panel assembly (see Workshop Manual procedure 01.05.BF Panel Assembly - Rear Pillar - Upper - RH - Renew).
9. Install RH luggage compartment carpet (see Workshop Manual procedures 01.05.FB Carpet Assembly - Luggage Compartment - Side - RH - Renew).
10. Battery isolation switch 'ON'.

Subwoofer Premium Amplifier-Renew

Repair Operation Time (ROT)	
Item	Code
Subwoofer Premium Amplifier-Renew	15.01.AC

Removal

1. Battery isolation switch 'OFF'.
2. Remove RH luggage compartment carpet (see Workshop Manual procedure 01.05.FB Carpet Assembly - Luggage Compartment - Side - RH - Renew).
3. Remove RH rear upper pillar panel assembly (see Workshop Manual procedure 01.05.BF Panel Assembly - Rear Pillar - Upper - RH - Renew).
4. Remove bolt (x1) and nuts (x2) from power socket bracket to body (see Fig. 1).



Fig. 1

5. Release power socket bracket and position aside.
6. Remove Torx screws (x6) from amplifier bracket to body (see Fig. 2).



Fig. 2

7. Release clip that secures lamp harness to amplifier bracket.
8. Disconnect harness to luggage compartment lamp and remove lamp assembly.

9. Release power amplifier bracket from body and disconnect harness multiplugs (x3).
10. Remove amplifier and bracket assembly.
11. Disconnect multiplugs (x3) from amplifier to audio harness.
12. Remove bolts (x4) that secure subwoofer amplifier to mounting plate and remove amplifier (see Fig. 3).



Fig. 3

Installation

1. Install amplifier to mounting plate.
2. Connect multiplugs (x3) from amplifier to audio harness.
3. Position amplifier and bracket assembly to body and connect multiplugs (x3).
4. Secure luggage compartment lamp harness and connect and install lamp assembly.
5. Install Torx screws (x6) from amplifier bracket to body.
6. Position power socket bracket to body and install bolt (x1) and nuts (x2).
7. Install RH rear upper pillar panel assembly (see Workshop Manual procedure 01.05.BF Panel Assembly - Rear Pillar - Upper - RH - Renew).
8. Install RH luggage compartment carpet (see Workshop Manual procedure 01.05.FB Carpet Assembly - Luggage Compartment - Side - RH - Renew).
9. Battery isolation switch 'ON'.

Centre Stack Assembly-Remove for Access/Refit

Repair Operation Time (ROT)	
Item	Code
Centre Stack Assembly-Remove/Refit	15.01.CB

Removal

1. Remove panel assembly - console (see Workshop Manual procedure 01.12.DB Panel Assembly Console - Renew).
2. Remove bezel assembly instrument panel (see Workshop Manual procedure 01.12.AV Bezel Assembly - Instrument Panel - Renew).



3. Remove screws (x4) that secure centre stack assembly to IP (see Fig. 1).
2. Depress clips and remove A/C request switch (see Fig. 1).



Fig. 1

4. Release centre stack assembly and disconnect multiplugs (x12).

Installation

1. Position centre stack assembly and install multiplugs (x12).
2. Install and torque/tighten screws (x4).
3. Install bezel assembly/instrument panel (see Workshop Manual procedure 01.12.AV Bezel Assembly - Instrument Panel - Renew).
4. Install panel assembly - console (see Workshop Manual procedure 01.12.DB Panel Assembly Console - Renew).

Centre Stack assembly-Renew

Repair Operation Time (ROT)	
Item	Code
Centre Stack Assembly-Renew	15.01.CD

Removal

1. Remove centre stack assembly (see Workshop Manual procedure 15.01.CB Centre Stack Assembly - Remove for Access and Refit).

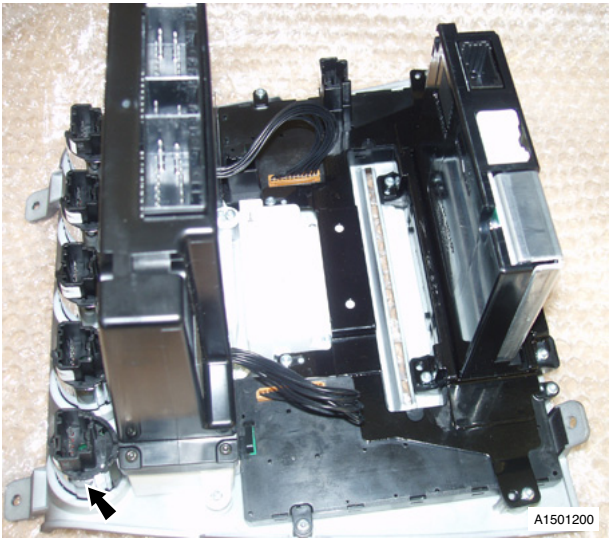


Fig. 1

3. Depress clips and remove A/C re-circulation switch.
4. Depress clips and remove hazard warning switch.
5. Depress clips and remove IDV switch.
6. Depress clips and remove rear fog guard switch.
7. Rotate HVAC control knobs to vertical position.
8. Remove screws (x6) securing HVAC control unit (see Fig. 2).

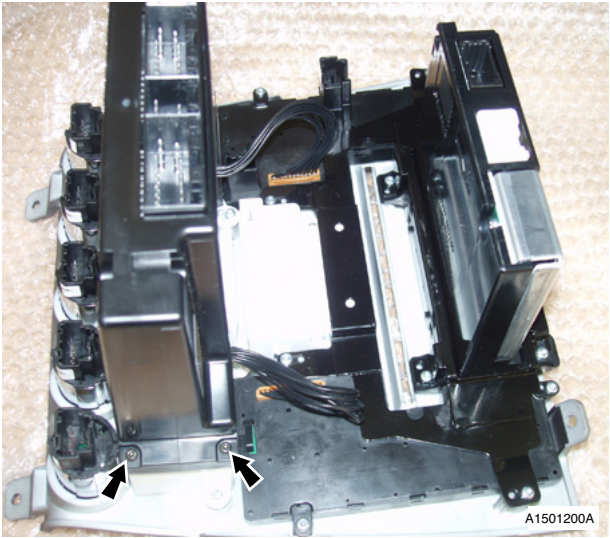
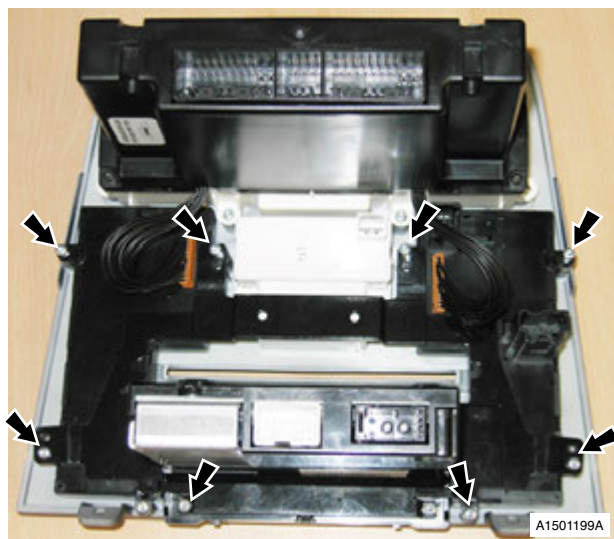


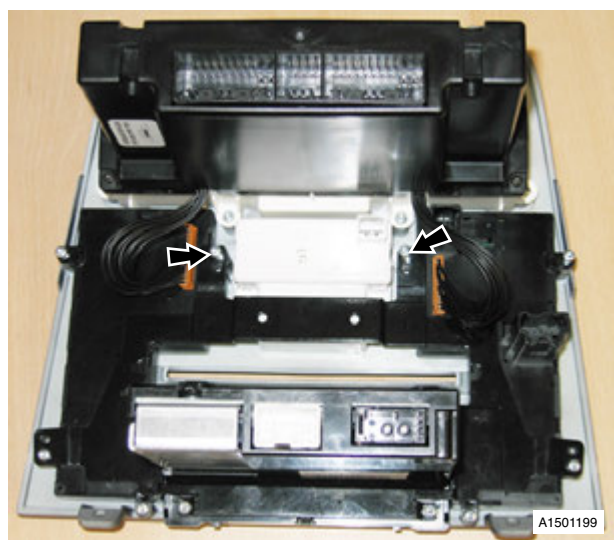
Fig. 2

9. Disconnect multiplugs (x2) (lever HVAC unit from rear to remove control knobs).

10. Remove screws (x8) securing centre stack support bracket, remove bracket (see Fig. 3).

**Fig. 3**

11. Remove ICM interface driver.
12. Remove screws (x2) securing clock unit, remove clock unit (see Fig. 4).

**Fig. 4**

13. Remove screws (x2) securing telephone switchpack, remove switchpack.
14. Remove screws (x2) securing satellite navigation switchpack, remove switchpack.

Installation

1. Install satellite navigation switchpack, install and tighten screws (x2).
2. Install telephone switchpack, install and tighten screws (x2).
3. Install clock unit, install and tighten screws (x2).

4. Install ICM interface driver, install centre stack support bracket, install and tighten screws (x8).
5. Install HVAC unit, install and tighten screws (x6). Install control knobs (x3), connect multiplugs (x2).
6. Install rear fog guard switch and secure with clips.
7. Install IDV switch and secure with clips.
8. Install hazard warning switch and secure with clips.
9. Install A/C re-circulation switch and secure with clips.
10. Install A/C request switch and secure with clips.
11. Install centre stack assembly (see Workshop Manual procedure 15.01.CB Centre Stack Assembly - Remove for Access and Refit).

GPS Tuner-Renew

Repair Operation Time (ROT)	
Item	Code
GPS Tuner-Renew	19.07.CD

1. Remove RH rear wheel arch liner (see Workshop Manual procedure 01.02.HB Wheel Arch Liner - Rear - RH - Renew).
2. Remove bolts (x4) from tuner base plate to wheel arch (see Fig. 1).

**Fig. 1**

3. Remove bolts (x2) from GPS tuner to bracket (see Fig. 2).
6. Install boot carpet (see Workshop Manual procedure 01.05.FM Carpet Assembly - Side Front - LH - Renew).
7. Connect vehicle battery.

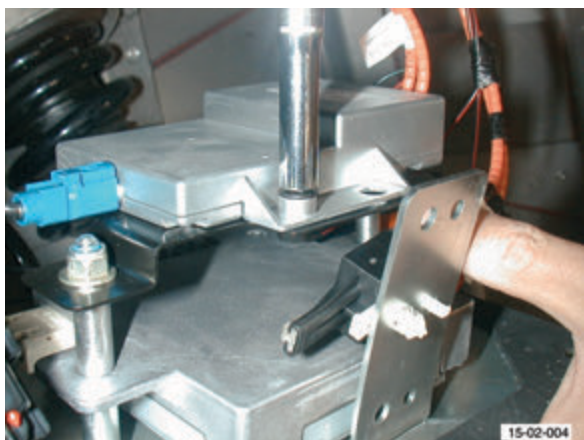


Fig. 2

4. Disconnect harness connections and remove GPS tuner.

Installation

1. Position GPS tuner to bracket and install bolts (x2).
2. Connect harness multiplugs.
3. Position base plate and secure with bolts (x4).
4. Install RH rear wheel arch liner (see Workshop Manual procedure 01.02.HB Wheel Arch Liner - Rear - RH - Renew).

Multi Media Module-Renew

Repair Operation Time (ROT)	
Item	Code
Multimedia Module-Renew	19.07.BB

Removal

1. Disconnect vehicle battery.
2. Remove LH rear pillar upper panel assembly (see Workshop Manual procedure 01.05.BG Panel Assembly - Rear Pillar - Upper - LH - Renew).
3. Release boot carpet LH side rear (see Workshop Manual procedure 01.05.FM Carpet Assembly - Side Front - LH - Renew).
4. Disconnect multiplug (x1) tailgate switch.
5. Release tailgate switch harness from stud.
6. Remove bolts (x3) securing multi media module to body.
7. Remove module and disconnect multiplugs (x3).
8. Remove screws (x4) bracket to multi media module.

Installation

1. Install bracket to module.
2. Secure harness and connect multiplug (x1) boot switch.
3. Connect multiplugs (x3) module.
4. Install module.
5. Install LH rear pillar upper panel assembly (see Workshop Manual procedure 01.05.BG Panel Assembly - Rear Pillar - Upper - LH - Renew).

Vehicle Entertainment (15.00)

Antenna (15.02)**Maintenance****GPS Antenna-Renew**

Repair Operation Time (ROT)	
Item	Code
GPS Antenna-Renew	19.07.DA

Removal

1. Remove tailgate trim panel (see Workshop Manual procedure 01.05.EF Trim - Tailgate Lid Assembly - Renew).
2. Release multiplug from antenna plate, disconnect multiplug.
3. Remove Torx screws (x3) securing GPS antenna plate to tailgate.
4. Release harness clip, remove GPS antenna plate assembly.
5. Release harness clip, remove GPS antenna plate assembly.
6. Release GPS antenna from mounting plate.

Installation

1. Clean GPS antenna mounting plate.
2. Install GPS antenna to mounting plate.
3. Position GPS antenna assembly to tailgate, install and tighten screws (x3).
4. Install harness clip in GPS antenna plate, connect multiplug, install multiplug on antenna plate.
5. Install tailgate trim panel (see Workshop Manual procedure 01.05.EF Trim - Tailgate Lid Assembly - Renew).

ICE System Antenna-Renew

Repair Operation Time (ROT)	
Item	Code
ICE System Antenna-Renew	15.02.AB

Removal

1. Battery isolation switch 'OFF'.
2. Remove RH rear wheel arch liner (see Workshop Manual procedure 01.02.HB Wheel Arch Liner - Rear - RH - Renew).

3. Remove bolts (x2) securing AM antenna to body (see Fig. 1).

**Fig. 1**

4. Remove nut securing AM antenna earth connection to body.
5. Release AM antenna cable from clips (x4).
6. Remove bolts (x4) securing tuner base plate to wheel arch (note position of earth lead) (see Fig. 2).

**Fig. 2**

7. Disconnect antenna multiplugs (x4) from tuners (see Fig. 3).
12. Mark fitted position, release clip, remove AM antenna cable from multiplug (see Fig. 5).

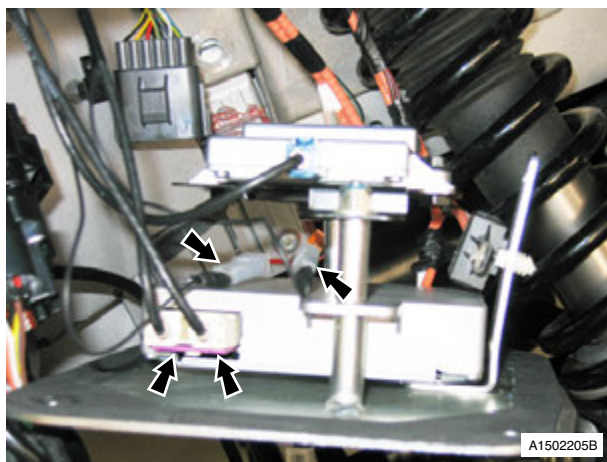


Fig. 3

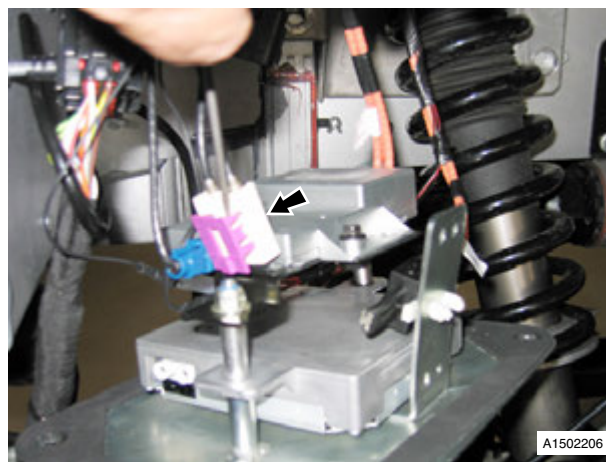


Fig. 5

8. Lower vehicle on ramp.
9. Pull antenna cables into luggage compartment.
10. Remove power amplifier assembly (see Workshop Manual procedure 15.01.AB Power Amplifier - Renew).
11. Release AM antenna cable from clips (x3), luggage compartment (see Fig. 4).
13. Pull AM antenna cable into wheel arch, remove AM antenna assembly.
14. Remove rear header (see Workshop Manual procedure 01.05.BK Panel Assembly - Rear Header - Renew).
15. Mark fitted position, release FM antenna from body (see Fig. 6).



Fig. 4



Fig. 6

16. Release FM antenna cable from roof clip.
17. Mark fitted position, release clip, remove FM antenna cable from multiplug.
18. Remove FM antenna assembly.

Installation

1. Clean old adhesive from body.
2. Apply adhesive to FM antenna.
3. Install FM antenna, align to mark on body.
4. Secure FM antenna cable in roof clip.
5. Correctly route FM antenna cable, connect to marked position in multiplug, secure with clip.
6. Install rear header (see Workshop Manual procedure 01.05.BK Panel Assembly - Rear Header - Renew).

7. Position AM antenna to body, install and torque tighten bolts (x2).
8. Position AM antenna earth connector, install and torque tighten nut.
9. Route AM antenna cable through grommet into luggage compartment.
10. Correctly route AM antenna cable, connect to marked position in multiplug, secure with clip.
11. Feed multiplugs into wheel arch and connect to tuner assemblies.
12. Secure antenna cables in clips (x3), luggage compartment.
13. Install power amplifier assembly (see Workshop Manual procedure 15.01.AB Power Amplifier - Renew).
14. Raise vehicle on ramp.
15. Position tuner base plate, position earth lead, install and torque tighten bolts (x4).
16. Install RH rear wheel arch liner (see Workshop Manual procedure 01.02.HB Wheel Arch Liner - Rear - RH - Renew).
17. Lower vehicle on ramp.
18. Battery isolation switch 'ON'.

