SECTION IP
INSTRUMENT PANEL

CONTENTS

SYMPTOM DIAGNOSIS

SQUEAK AND RATTLE TROUBLE DIAGNOSES

Work Flow

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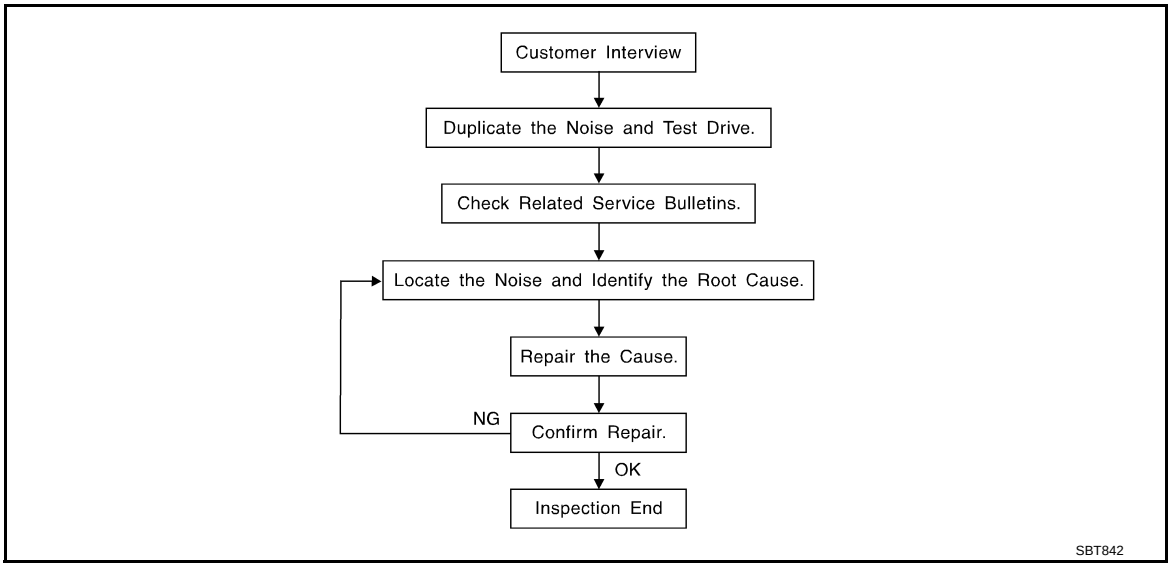

CUSTOMER INTERVIEW

Interview the customer if possible, to determine the conditions that exist when the noise occurs. Use the Diagnostic Worksheet during the interview to document the facts and conditions when the noise occurs and any of the customer's comments; refer to IP-6, "Diagnostic Worksheet". This information is necessary to duplicate the conditions that exist when the noise occurs.

- The customer may not be able to provide a detailed description or the location of the noise. Attempt to obtain all the facts and conditions that exist when the noise occurs (or does not occur).
- If there is more than one noise in the vehicle, be sure to diagnose and repair the noise that the customer is concerned about. This can be accomplished by a test drive with the customer.
- After identifying the type of noise, isolate the noise in terms of its characteristics. The noise characteristics are provided so the customer, service adviser and technician are all speaking the same language when defining the noise.
- Squeak – (Like tennis shoes on a clean floor)
  Squeak characteristics include the light contact/fast movement/brought on by road conditions/hard surfaces = higher pitch noise/softer surfaces = lower pitch noises/edge to surface = chirping
- Creak – (Like walking on an old wooden floor)
  Creak characteristics include firm contact/slow movement/twisting with a rotational movement/pitch dependent on materials/often brought on by activity.
- Rattle – (Like shaking a baby rattle)
  Rattle characteristics include the fast repeated contact/vibration or similar movement/loose parts/missing clip or fastener/incorrect clearance.
- Knock – (Like a knock on a door)
  Knock characteristics include hollow sounding/sometimes repeating/often brought on by driver action.
- Tick – (Like a clock second hand)
  Tick characteristics include gentle contacting of light materials/loose components/can be caused by driver action or road conditions.
- Thump – (Heavy, muffled knock noise)
  Thump characteristics include softer knock/dead sound often brought on by activity.
- Buzz – (Like a bumble bee)
  Buzz characteristics include high frequency rattle/firm contact.
- Often the degree of acceptable noise level will vary depending upon the person. A noise that you may judge as acceptable may be very irritating to the customer.
- Weather conditions, especially humidity and temperature, may have a great effect on noise level.

DUPLICATE THE NOISE AND TEST DRIVE

If possible, drive the vehicle with the customer until the noise is duplicated. Note any additional information on the Diagnostic Worksheet regarding the conditions or location of the noise. This information can be used to duplicate the same conditions when you confirm the repair.
If the noise can be duplicated easily during the test drive, to help identify the source of the noise, try to duplicate the noise with the vehicle stopped by doing one or all of the following:
1) Close a door.
2) Tap or push/pull around the area where the noise appears to be coming from.
3) Rev the engine.
4) Use a floor jack to recreate vehicle “twist”.
5) At idle, apply engine load (electrical load, half-clutch on MT model, drive position on A/T model).
6) Raise the vehicle on a hoist and hit a tire with a rubber hammer.

- Drive the vehicle and attempt to duplicate the conditions the customer states exist when the noise occurs.
- If it is difficult to duplicate the noise, drive the vehicle slowly on an undulating or rough road to stress the vehicle body.

LOCATE THE NOISE AND IDENTIFY THE ROOT CAUSE

1. Narrow down the noise to a general area. To help pinpoint the source of the noise, use a listening tool (Engine Ear or mechanics stethoscope).
2. Narrow down the noise to a more specific area and identify the cause of the noise by:

- removing the components in the area that you suspect the noise is coming from.
  Do not use too much force when removing clips and fasteners, otherwise clips and fastener can be broken or lost during the repair, resulting in the creation of new noise.
- tapping or pushing/pulling the component that you suspect is causing the noise.
  Do not tap or push/pull the component with excessive force, otherwise the noise will be eliminated only temporarily.
- feeling for a vibration with your hand by touching the component(s) that you suspect is (are) causing the noise.
- placing a piece of paper between components that you suspect are causing the noise.
- looking for loose components and contact marks.
  Refer to IP-4, "Inspection Procedure".

REPAIR THE CAUSE

- If the cause is a loose component, tighten the component securely.
- If the cause is insufficient clearance between components:
- separate components by repositioning or loosening and retightening the component, if possible.
- insulate components with a suitable insulator such as urethane pads, foam blocks, felt cloth tape or urethane tape are available through your authorized Nissan Parts Department.

CAUTION:
Do not use excessive force as many components are constructed of plastic and may be damaged.
NOTE:

- URETHANE PADS
  Insulates connectors, harness, etc.
- INSULATOR (Foam blocks)
  Insulates components from contact. Can be used to fill space behind a panel.
- INSULATOR (Light foam block)
- FELT CLOTHTAPE
  Used to insulate where movement does not occur. Ideal for instrument panel applications.
  The following materials, not available through NISSAN Parts Department, can also be used to repair squeaks and rattles.
- UHMW(TEFLON) TAPE
  Insulates where slight movement is present. Ideal for instrument panel applications.
- SILICONE GREASE
  Used in place of UHMW tape that will be visible or not fit.
  Note: Will only last a few months.
- SILICONE SPRAY
  Use when grease cannot be applied.
- DUCT TAPE
  Use to eliminate movement.

CONFIRM THE REPAIR

Confirm that the cause of a noise is repaired by test driving the vehicle. Operate the vehicle under the same conditions as when the noise originally occurred. Refer to the notes on the Diagnostic Worksheet.

Inspection Procedure

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Refer to Table of Contents for specific component removal and installation information.

INSTRUMENT PANEL

Most incidents are caused by contact and movement between:

1. Cluster lid A and instrument panel
2. Acrylic lens and combination meter housing
3. Instrument panel to front pillar garnish
4. Instrument panel to windshield
5. Instrument panel mounting pins
6. Wiring harnesses behind the combination meter
7. A/C defroster duct and duct joint

These incidents can usually be located by tapping or moving the components to duplicate the noise or by pressing on the components while driving to stop the noise. Most of these incidents can be repaired by applying felt cloth tape or silicon spray (in hard to reach areas). Urethane pads can be used to insulate wiring harness.

CAUTION:

Do not use silicone spray to isolate a squeak or rattle. If you saturate the area with silicone, you will not be able to recheck the repair.

CENTER CONSOLE

Components to pay attention to include:

1. Shifter assembly cover to finisher
2. A/C control unit and cluster lid C
3. Wiring harnesses behind audio and A/C control unit

The instrument panel repair and isolation procedures also apply to the center console.

DOORS

Pay attention to the:

1. Finisher and inner panel making a slapping noise
2. Inside handle escutcheon to door finisher
3. Wiring harnesses tapping
4. Door striker out of alignment causing a popping noise on starts and stops

Tapping or moving the components or pressing on them while driving to duplicate the conditions can isolate many of these incidents. You can usually insulate the areas with felt cloth tape or insulator foam blocks to repair the noise.

TRUNK

Trunk noises are often caused by a loose jack or loose items put into the trunk by the owner.
In addition look for:

1. Trunk lid dumpers out of adjustment
2. Trunk lid striker out of adjustment
3. Trunk lid torsion bars knocking together
4. A loose license plate or bracket

Most of these incidents can be repaired by adjusting, securing or insulating the item(s) or component(s) causing the noise.

SUNROOF/HEADLINING

Noises in the sunroof/headlining area can often be traced to one of the following:

1. Sunroof lid, rail, linkage or seals making a rattle or light knocking noise
2. Sunvisor shaft shaking in the holder
3. Front or rear windshield touching headlining and squeaking

Again, pressing on the components to stop the noise while duplicating the conditions can isolate most of these incidents. Repairs usually consist of insulating with felt cloth tape.

SEATS

When isolating seat noise it is important to note the position the seat is in and the load placed on the seat when the noise is present. These conditions should be duplicated when verifying and isolating the cause of the noise.

Cause of seat noise include:

1. Headrest rods and holder
2. A squeak between the seat pad cushion and frame
3. Rear seatback lock and bracket

These noises can be isolated by moving or pressing on the suspected components while duplicating the conditions under which the noise occurs. Most of these incidents can be repaired by repositioning the component or applying urethane tape to the contact area.

UNDERHOOD

Some interior noise may be caused by components under the hood or on the engine wall. The noise is then transmitted into the passenger compartment.

Causes of transmitted underhood noise include:

1. Any component mounted to the engine wall
2. Components that pass through the engine wall
3. Engine wall mounts and connectors
4. Loose radiator mounting pins
5. Hood bumpers out of adjustment
6. Hood striker out of adjustment

These noises can be difficult to isolate since they cannot be reached from the interior of the vehicle. The best method is to secure, move or insulate one component at a time and test drive the vehicle. Also, engine RPM or load can be changed to isolate the noise. Repairs can usually be made by moving, adjusting, securing, or insulating the component causing the noise.

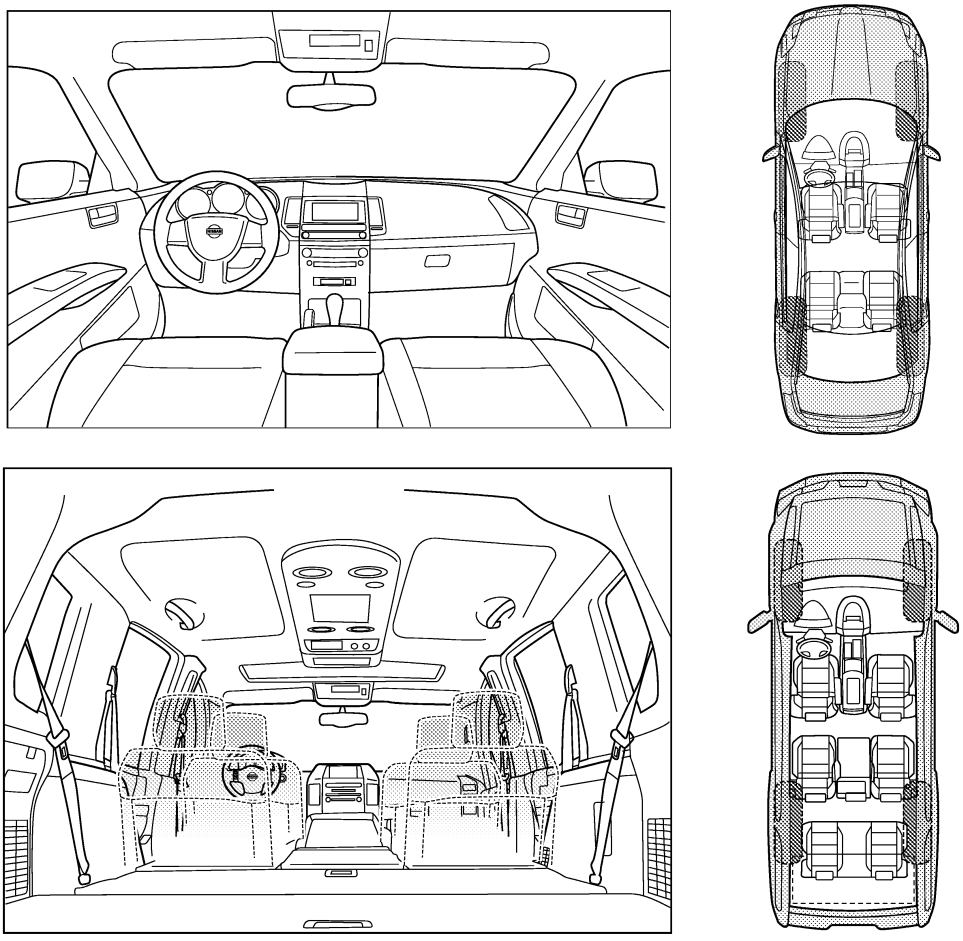
Diagnostic Worksheet

INFOID:0000000001183489

SQUEAK & RATTLE
DIAGNOSTIC WORKSHEET

Dear Nissan Customer:
We are concerned about your satisfaction with your Nissan vehicle. Repairing a squeak or rattle sometimes can be very difficult. To help us fix your Nissan right the first time, please take a moment to note the area of the vehicle where the squeak or rattle occurs and under what conditions. You may be asked to take a test drive with a service advisor or technician to ensure we confirm the noise you are hearing.

I. WHERE DOES THE NOISE COME FROM? (circle the area of the vehicle)
The illustrations are for reference only, and may not reflect the actual configuration of your vehicle.



Continue to page 2 of the worksheet and briefly describe the location of the noise or rattle. In addition, please indicate the conditions which are present when the noise occurs.

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SQUEAK & RATTLE DIAGNOSTIC WORKSHEET - page 2

Briefly describe the location where the noise occurs:

_____

_____

II. WHEN DOES IT OCCUR? (please check the boxes that apply)

- ☐ anytime
- ☐ 1st time in the morning
- ☐ only when it is cold outside
- ☐ only when it is hot outside
- ☐ after sitting out in the rain
- ☐ when it is raining or wet
- ☐ dry or dusty conditions
- ☐ other:

III. WHEN DRIVING:

- ☐ through driveways
- ☐ over rough roads
- ☐ over speed bumps
- ☐ only about ____ mph
- ☐ on acceleration
- ☐ coming to a stop
- ☐ on turns: left, right or either (circle)
- ☐ with passengers or cargo
- ☐ other: _____
- ☐ after driving _____ miles or _____ minutes

IV. WHAT TYPE OF NOISE

- ☐ squeak (like tennis shoes on a clean floor)
- ☐ creak (like walking on an old wooden floor)
- ☐ rattle (like shaking a baby rattle)
- ☐ knock (like a knock at the door)
- ☐ tick (like a clock second hand)
- ☐ thump (heavy, muffled knock noise)
- ☐ buzz (like a bumble bee)

TO BE COMPLETED BY DEALERSHIP PERSONNEL

Test Drive Notes:

_____

_____

_____

	YES	NO	Initials of person performing
Vehicle test driven with customer	☐	☐	_____
- Noise verified on test drive	☐	☐	_____
- Noise source located and repaired	☐	☐	_____
- Follow up test drive performed to confirm repair	☐	☐	_____

VIN: _____ Customer Name: _____

W.O.# _____ Date: _____

This form must be attached to Work Order

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PRECAUTION

PRECAUTIONS

Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER"

INFOID:0000000001183490

The Supplemental Restraint System such as “AIR BAG” and “SEAT BELT PRE-TENSIONER”, used along with a front seat belt, helps to reduce the risk or severity of injury to the driver and front passenger for certain types of collision. This system includes seat belt switch inputs and dual stage front air bag modules. The SRS system uses the seat belt switches to determine the front air bag deployment, and may only deploy one front air bag, depending on the severity of a collision and whether the front occupants are belted or unbelted.
Information necessary to service the system safely is included in the “SRS AIRBAG” and “SEAT BELT” of this Service Manual.

WARNING:

- **To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision which would result in air bag inflation, all maintenance must be performed by an authorized NISSAN/INFINITI dealer.**
- **Improper maintenance, including incorrect removal and installation of the SRS, can lead to personal injury caused by unintentional activation of the system. For removal of Spiral Cable and Air Bag Module, see the “SRS AIRBAG”.**
- **Do not use electrical test equipment on any circuit related to the SRS unless instructed to in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.**

Precaution Necessary for Steering Wheel Rotation After Battery Disconnect

INFOID:0000000001183491

NOTE:

- This Procedure is applied only to models with Intelligent Key system and NATS (NISSAN ANTI-THEFT SYSTEM).
- Remove and install all control units after disconnecting both battery cables with the ignition knob in the ″LOCK″ position.
- Always use CONSULT-III to perform self-diagnosis as a part of each function inspection after finishing work. If DTC is detected, perform trouble diagnosis according to self-diagnostic results.

For models equipped with the Intelligent Key system and NATS, an electrically controlled steering lock mechanism is adopted on the key cylinder.
For this reason, if the battery is disconnected or if the battery is discharged, the steering wheel will lock and steering wheel rotation will become impossible.
If steering wheel rotation is required when battery power is interrupted, follow the procedure below before starting the repair operation.

OPERATION PROCEDURE

1. Connect both battery cables.
   NOTE:
   Supply power using jumper cables if battery is discharged.
2. Use the Intelligent Key or mechanical key to turn the ignition switch to the ″ACC″ position. At this time, the steering lock will be released.
3. Disconnect both battery cables. The steering lock will remain released and the steering wheel can be rotated.
4. Perform the necessary repair operation.
5. When the repair work is completed, return the ignition switch to the ″LOCK″ position before connecting the battery cables. (At this time, the steering lock mechanism will engage.)
6. Perform a self-diagnosis check of all control units using CONSULT-III.

Precaution

INFOID:0000000001183492

- Disconnect both battery cables in advance.
- Disconnect air bag system line in advance.
- Never tamper with or force air bag lid open, as this may adversely affect air bag performance.

- Be careful not to scratch pad and other parts.
- When removing or disassembling any part, be careful not to damage or deform it. Protect parts, which may get in the way with cloth.
- When removing parts with a screwdriver or other tool, protect parts by wrapping them with vinyl or tape.
- Keep removed parts protected with cloth.
- If a clip is deformed or damaged, replace it.
- If an unreusable part is removed, replace it with a new one.
- Tighten bolts and nuts firmly to the specified torque.
- After re-assembly has been completed, make sure each part functions correctly.
- Remove stains in the following way.

Water-soluble stains:
Dip a soft cloth in warm water, and then squeeze it tightly. After wiping the stain, wipe with a soft dry cloth.
Oil stain:
Dissolve a synthetic detergent in warm water (density of 2 to 3% or less), dip the cloth, then clean off the stain with the cloth. Next, dip the cloth in fresh water and squeeze it tightly. Then clean off the detergent completely. Then wipe the area with a soft dry cloth.

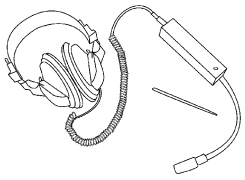
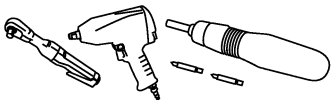
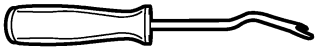
- Do not use any organic solvent, such as thinner or benzine.

PREPARATION

PREPARATION

Commercial Service Tools

INFOID:0000000001183493

Tool name	Description
Engine ear  SIIA0995E	Locating the noise
Power tool  PIIB1407E	
Clip remover  E1KIA0055GB	Removing clips

ON-VEHICLE REPAIR

INSTRUMENT PANEL ASSEMBLY

Exploded View

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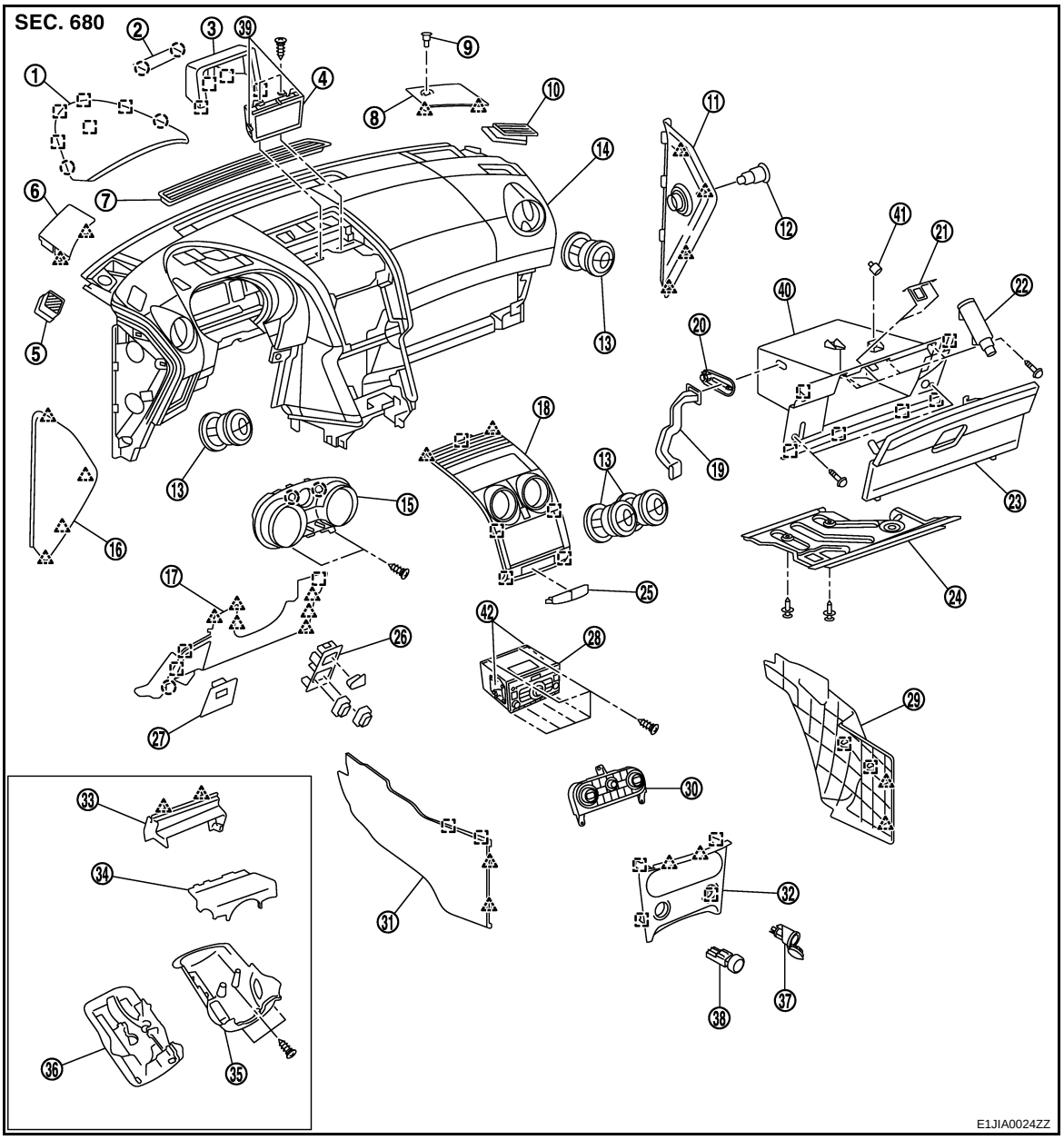


1. Cluster lid A
2. Display unit cover finisher
3. Display unit cover
4. Display unit
5. Defroster grille (LH)
6. Tweeter grille (LH)
7. Front defroster grille, center
8. Tweeter grille (RH)
9. Sunload sensor (if equipped)
10. Defroster grille (RH)
11. Instrument side finisher, passenger side
12. Passenger airbag cut-off switch assembly
13. Ventilation grille
14. Instrument panel assembly
15. Combimeter assembly
16. Instrument side finisher, driver side
17. Lower instrument panel, driver side
18. Cluster lid C
19. Glove box air duct
20. Glove box air duct opener
21. Glove box striker
22. Glove box door damper
23. Glove box door
24. Lower instrument panel, passenger side

25. SRS information display
26. Mirror/ESP/headlamp level switch holder
27. Fuse box lid
28. AV/navigation unit assembly
29. Lower instrument cover, RH
30. Air conditioner controller
31. Lower instrument cover, LH
32. Cluster lid D
33. Steering column upper soft cover
34. Steering column upper cover
35. Steering column lower cover
36. Steering column protector
37. Power socket
38. Ventilation button
39. RH/LH NAVI display brackets
40. Cover glove box
41. Glove box bulb
42. Audio brackets

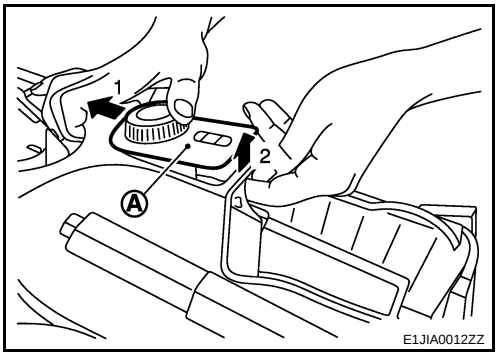
Clip | Pawl | Metal clip

Removal and Installation

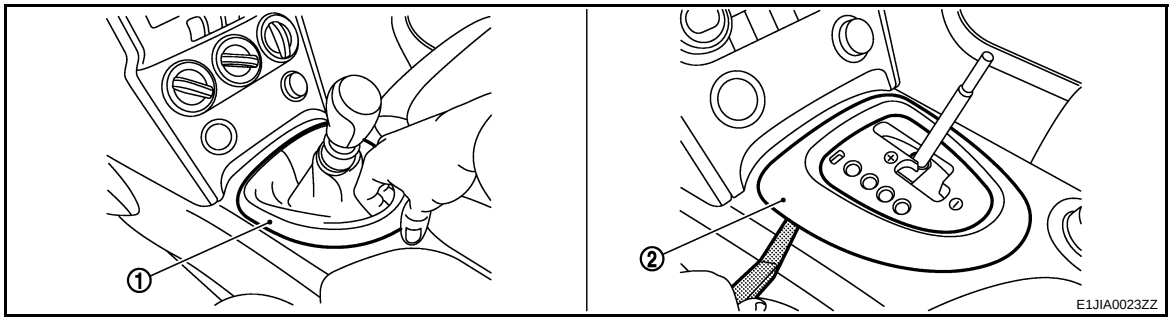
INFOID:0000000001183495

REMOVAL

1. Put selector lever in drive position. (AT and CVT Models)
2. Remove center console front fixing screws and clip.
3. Remove cup holder.
   - Pull upward to release cup holder pawls from center console assembly.
4. Release switch panel (A) from center console assembly as shown.
   - Disconnect harness connectors. Refer to XX-XX, "*****"
   - Remove switch panel

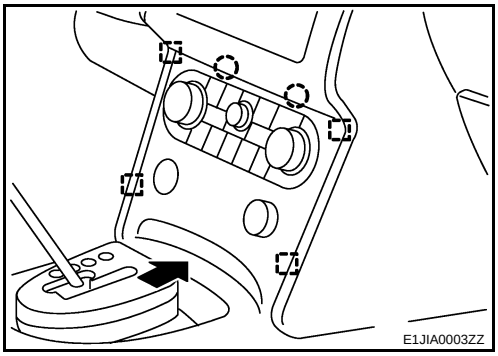


5. Remove front console finisher from underside of switch console.



1. Front console finisher (MT models) 2. Front console finisher (AT and CVT models)

6. Remove Cluster lid D.
   - Using clip remover or other suitable tool, release cluster lid metal clips, from lower to upper, from Instrument Panel.
   - Release harness connector.



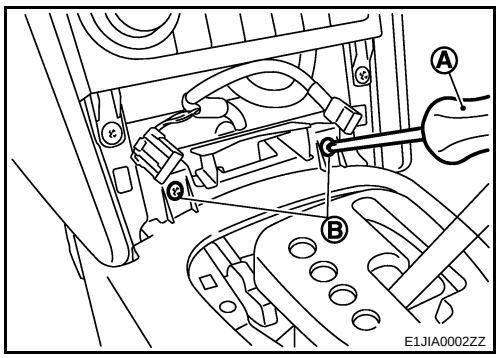
Clip

: Metal clip

CAUTION:

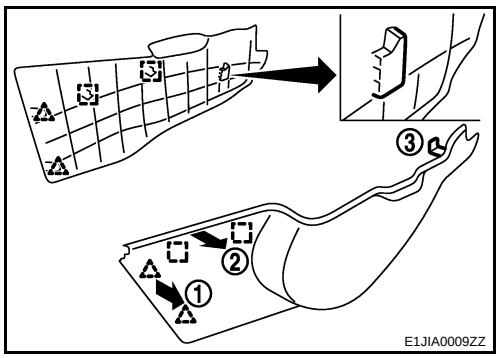
Special care required as part has soft feel paint applied. Screw driver (wrapped in cloth to prevent scratching) should be used.

7. Remove screws (B) of center console front side with screw driver (A).

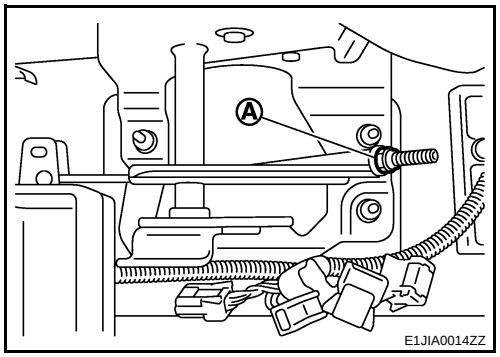


8. Remove lower instrument panel covers. (RH / LH)
   - Pull from the rear of lower instrument panel cover to release rear pawls (1) and clips (2), use flat screwdriver or other suitable tool to release upper metal clip (3).
   - Pull backward to release lower instrument panel cover from instrument panel.

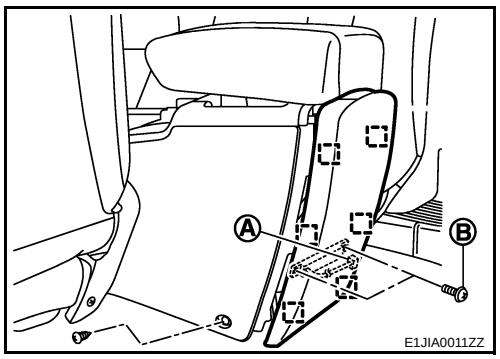
   CAUTION:
   To avoid damaging parts, it is important to take care for removal of this part.



9. Remove hand brake cable adjusting nut (A) to loosen cable sufficiently. Refer to PB-5, "Exploded View".



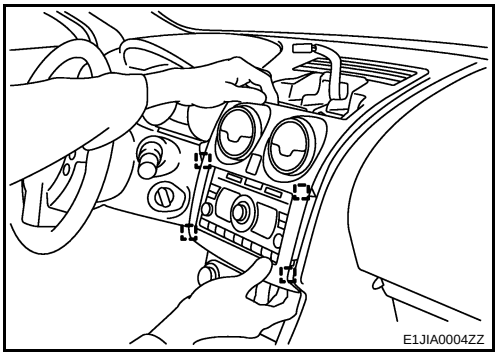
10. Remove center console rear finisher.
    - Pull back release metal clip from center console.
    - Remove inside key antenna and connector (A).
    - Disconnect harness connector fixing clip.
    - Remove key antenna fixing screw (B).



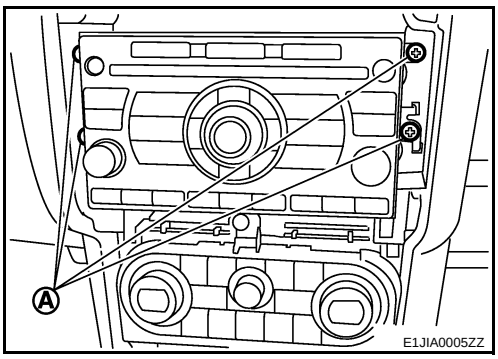
11. Remove center console rear fixing screws, move forward front seats if necessary. For electrical seat refer to IP-8, "Precaution".
12. Remove center console assembly. Refer to IP-18, "Exploded View".

    CAUTION:
    Always move center console with caution to avoid damaging seats, or other part.
13. Remove display unit. Refer to XX-XX, "*****".

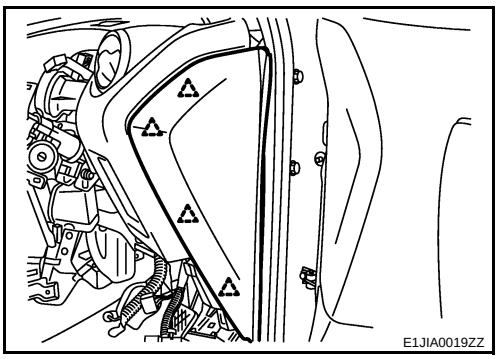
14. Remove cluster lid C.
    - Using flat screwdriver or other suitable tool, and shop cloth, release front metal clip.
    - Pull back cluster lid C from lower to upper part.
    - Disconnect harness connectors.
    - Remove hazard switch. Refer to XX-XX, "*****".
    - Remove seat belt warning unit. Refer to SBC-35, "Removal and Installation".
    - Remove center air grille assembly. Refer to VTL-46, "CENTER VENTILATOR GRILLE : Exploded View" (Automatic air conditioner), VTL-100, "CENTER VENTILATOR GRILLE : Exploded View" (Manual air conditioner).



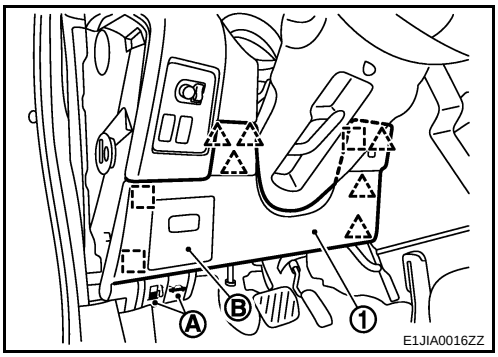
15. Remove AC controller fixing screws (A), then release AC controller from instrument panel.
16. Remove CD changer unit (if equipped).
    - Remove fixing screws.
    - Disconnect harness connector.
17. Disconnect inside key antenna connector and clip located under audio unit (if equipped).
18. Remove audio unit (if equipped). Refer to XX-XX, "*****" (without navigation), XX-XX, "*****" (with navigation).
19. Remove front side of body side welt LH. Refer to INT-14, "Exploded View".



20. Remove front pillar garnish (LH and RH). Refer to INT-14, "Removal and Installation".
21. Remove driver side instrument side finisher.
    - Insert a remover tool into lower space.
    - Pull the instrument side finisher crosswise.

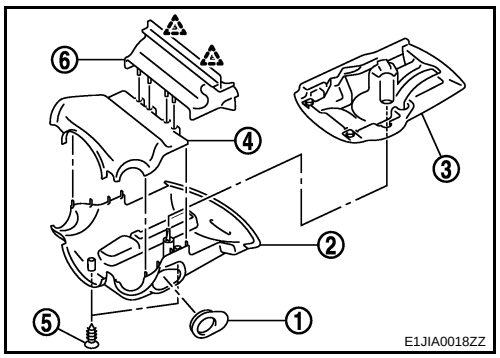


22. Remove lower instrument panel, driver side.
    - Remove hood opener (A) mounting bolts. Refer to XX-XX, "*****".
    - Remove fuse box lid (B).
    - Remove data link connector.
    - Pull back lower instrument panel (1), driver side.
    - Disconnect harness connectors.
    - Remove AC sensor.
    - Release date link connector (pawl) then remove it from lower instrument panel, driver side.

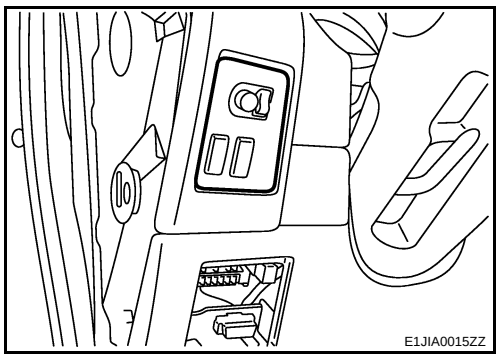


23. Remove steering wheel. Refer to ST-9, "Removal and Installation".

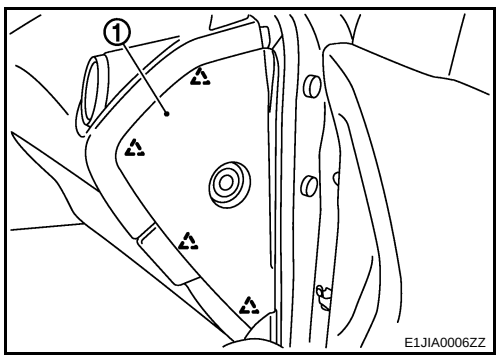
24. Remove steering column covers.
    - Release steering column handle.
    - Remove steering column escutcheon (1).
    - Remove steering column front lower cover (2) fixing screw (5), then remove it.
    - Remove steering column front lower protector (3) (if equipped).
    - Pull steering column cover upper (4).
    - Release fixing clip from steering column finisher (6), then remove steering column upper.
    - Disconnect ADP steering switch connector (with automatic drive position).



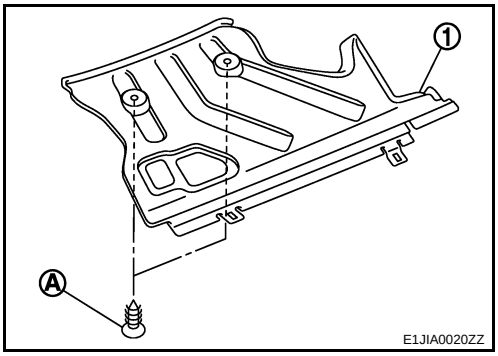
25. Remove spiral cable. Refer to SR-6, "Removal and Installation".
26. Remove combination switch. Refer to XX-XX, "*****".
27. Remove paddle ESP and mirror switch LH/RH.



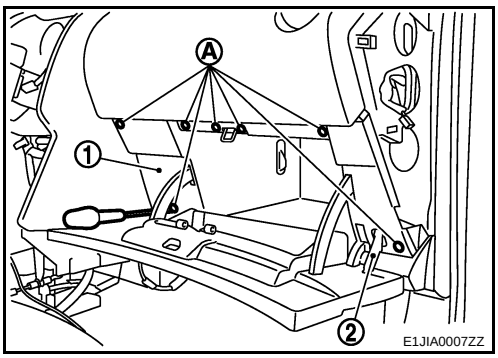
28. Remove cluster lid A.
29. Remove combimeter.
    - Remove combimeter fixing screws.
    - Pull combimeter.
    - Disconnect harness connectors.
30. Remove defroster grille LH. Refer to VTL-50, "SIDE DEFROSTER NOZZLE : Exploded View" (Automatic air conditioner), VTL-104, "SIDE DEFROSTER NOZZLE : Exploded View" (Manual air conditioner).
    - Pull upward, disengage pawls.
    - Disconnect harness connector.
31. Remove defroster grille RH. Refer to VTL-50, "SIDE DEFROSTER NOZZLE : Exploded View" (Automatic air conditioner), VTL-104, "SIDE DEFROSTER NOZZLE : Exploded View" (Manual air conditioner).
    - Pull upward, disengage pawls.
    - Disconnect harness connector (if equipped).
32. Remove key antenna. Refer to XX-XX, "*****".
33. Remove front part of body side welt RH. Refer to INT-14, "Exploded View".
34. Remove front pillar garnish RH. Refer to INT-14, "Removal and Installation".
35. Remove passenger side instrument side finisher (1).
    - Insert a remover tool into lower space.
    - Pull the instrument side finisher crosswise.



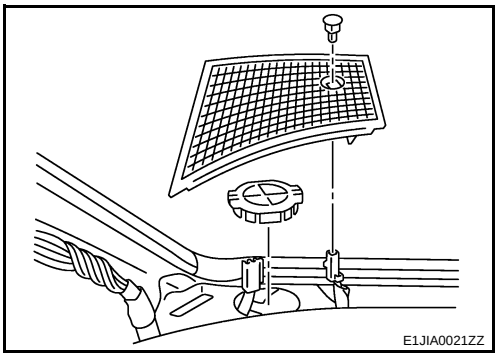
36. Remove lower instrument panel passenger side.
    - Remove rear fixing clip (A).
    - Pull downward to disengage pawls.
    - Pull back instrument passenger lower cover (1).



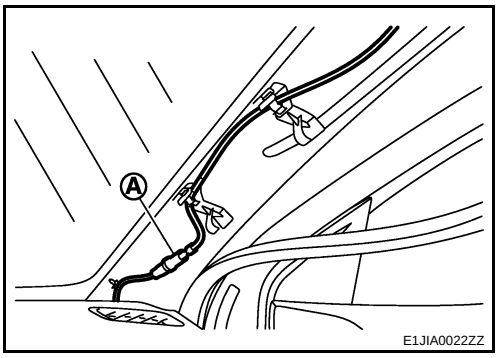
37. Remove glove box assembly.
    - Open the glove box.
    - Remove fixing screws (A).
    - Pull up glove box assembly (1).
    - Remove glove box bulb assembly.
    - Remove damper pin (2) of outer side.
    - Remove glove box door.
    - Remove latch.



38. Remove tweeter grille RH.
    - Disconnect tweeter harness connector.
    - Disconnect sun load sensor (if equipped).

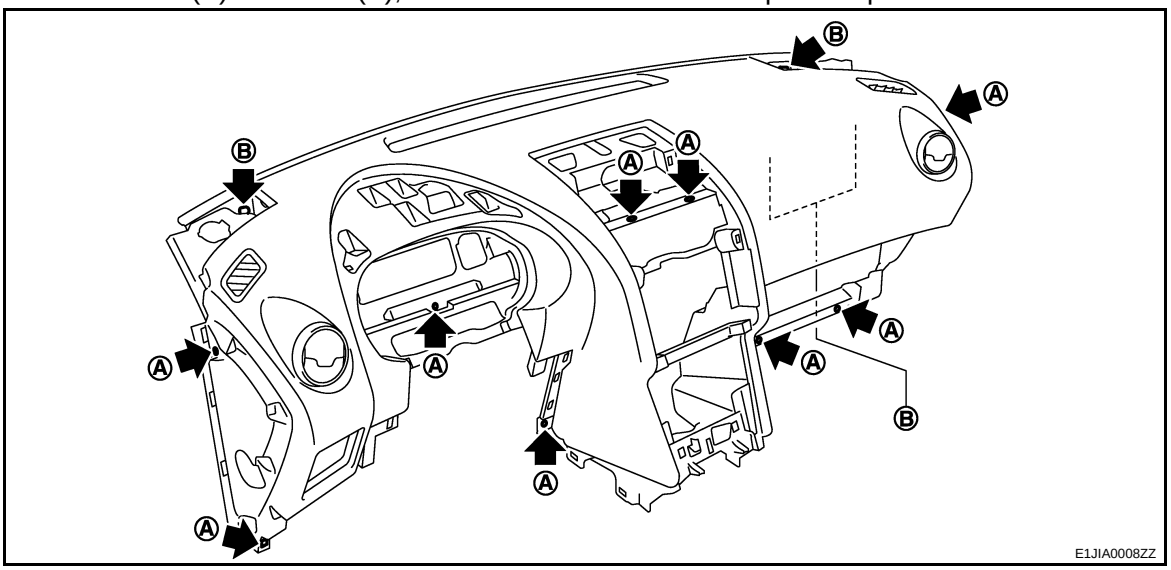


39. Remove lower instrument panel passenger side.
    - Remove lower instrument panel passenger mounting screws.
    - Disconnect harness connector.
    - Pull back lower instrument panel.
    - Disconnect harness connector sensor.
    - Remove ambient sensor.
40. Disconnect passenger airbag module connector. Refer to SR-8, "Removal and Installation".
41. Remove passenger airbag module fixing bolt. Refer to SR-8, "Exploded View".
42. Remove passenger airbag. Refer to SR-8, "Removal and Installation".
43. Disconnect antenna harness connectors (A), then remove harness clips, from front pillar.
    - Release lower passenger side insulator from lower instrument panel.
    - Release harness clip from instrument panel.



44. Remove instrument panel & pad.

- Remove screws (A) and bolts (B), and then remove instrument panel & pad.



CAUTION:
When removing instrument panel, 2 workers are required so as to prevent it from dropping.

45. Remove the following parts after removing instrument panel & pad.
    - Side ventilator grilles
    - Center ventilator grilles
    - Side defroster grilles
    - Side defroster nozzles
    - Side ventilator ducts

INSTALLATION

Install in the reverse order of removal.

CENTER CONSOLE ASSEMBLY

Exploded View

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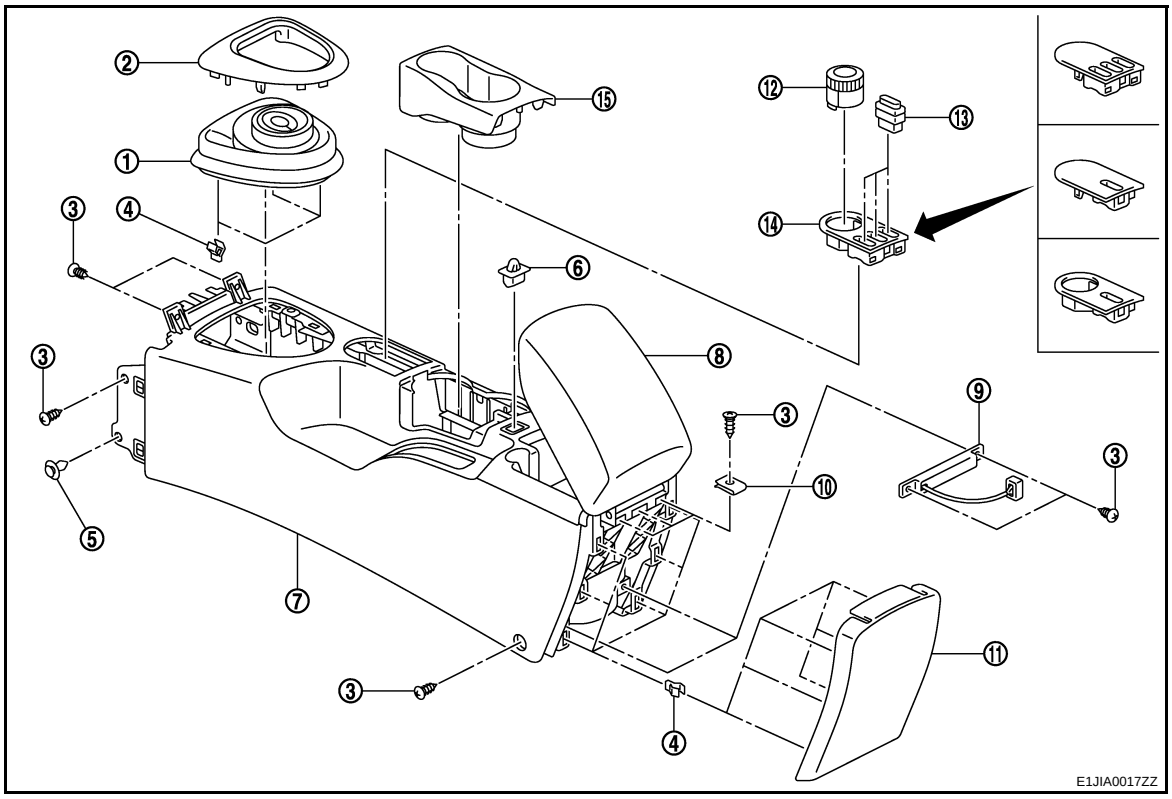
CENTER CONSOLE



1.	Console finisher assembly (MT models)	2.	Console finisher assembly (AT and CVT models)	3.	Center console fixing screw (LH/RH side)
4.	Center console boot assembly fixing clipb (AT only)	5.	Center console fixing clip (LH/RH side)	6.	Center console lid latch assembly
7.	Center console assembly	8.	Center console lid	9.	Antenna (if equipped)
10.	U-nut	11.	Center console rear finisher assembly	12.	4WD switch assembly
13.	Switch (hazard, door lock, heated seat)	14.	Switch panel	15.	Cup holder
	Clip		Pawl		Metal clip

Removal and Installation

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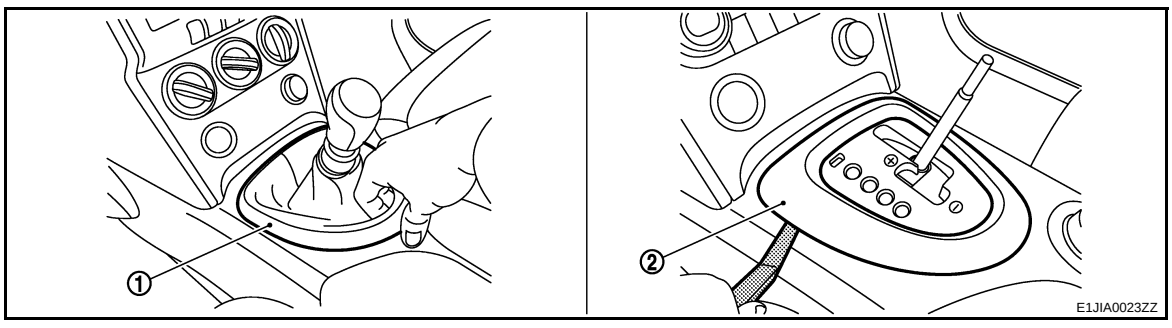
REMOVAL

1. Put selector lever in drive position. (AT and CVT Models)
2. Remove front console finisher.



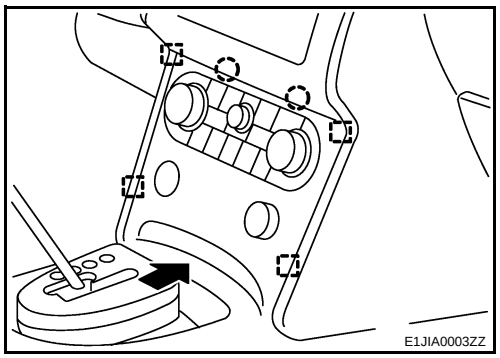
1. Front console finisher (MT models) 2. Front console finisher (AT and CVT models)

- Remove clips from rear of console finisher, and then remove pawl of front. Pull front console finisher upward to disengage from center console.
- Disconnect harness connectors.

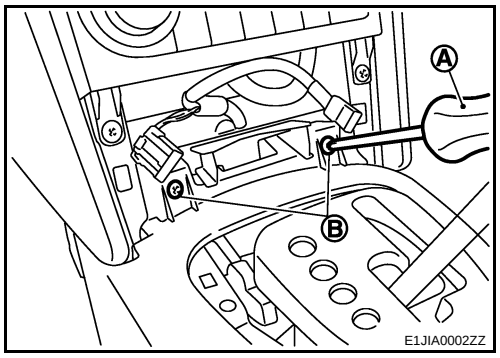
3. Remove selector lever knob. (AT and CVT Models)
   - Refer to XX-XX, "*****".
4. Remove shift lever knob. (MT Models only). Refer to XX-XX, "*****" (5MT), XX-XX, "*****" (6MT: RS6F94R), XX-XX, "*****" (6MT: RS6F52A).
5. Remove Cluster lid D.
   - Using clip remover or other suitable tool, release cluster lid metal clips, from lower to upper, from Instrument Panel.
   - Release harness connector.

Clip

Metal clip

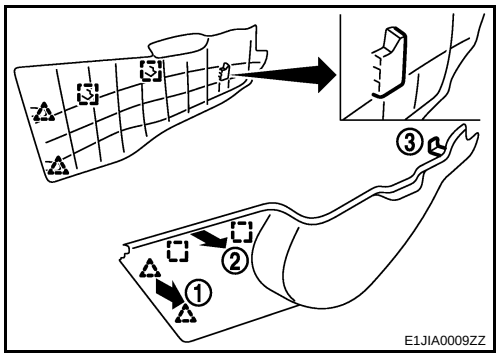


6. Remove screws (B) of center console front side with screw driver (A).



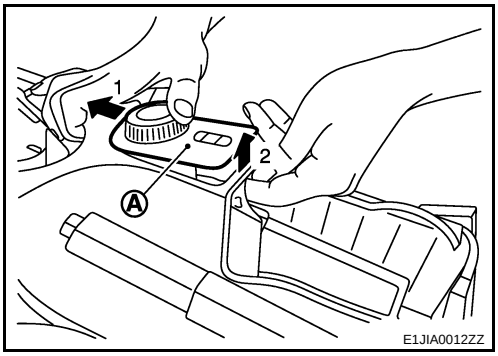
7. Remove lower instrument panel covers. (RH / LH)
   - Pull from the rear of lower instrument panel cover to release rear pawls (1) and clips (2), use flat screwdriver or other suitable tool to release upper metal clip (3).
   - Pull backward to release lower instrument panel cover from instrument panel.

CAUTION:
To avoid damaging parts, it is important to take care for removal of this part.

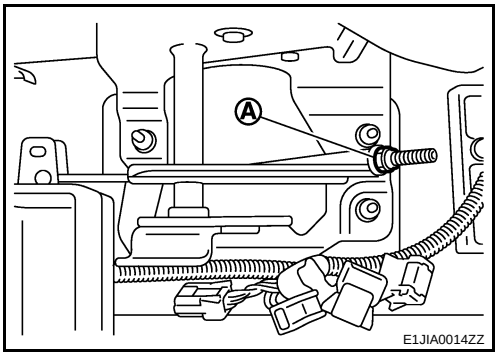


8. Remove center console front fixing screws and clip.
9. Remove cup holder.
   - Pull upward to release cup holder pawls from center console.

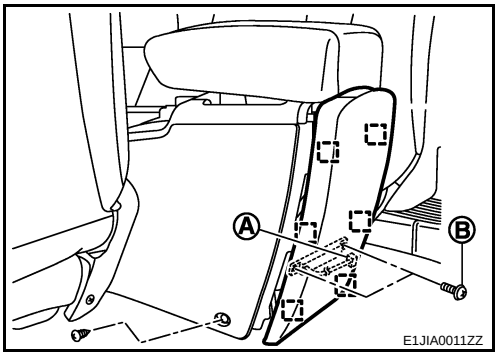
10. Remove panel door lock and 4/2WD switch console (A) as shown.
    - Push panel switch console assembly from inner center console.
    - Disconnect harness connectors. Refer to XX-XX, "*****".



11. Remove hand brake cable adjusting nut (A) to loosen cable sufficiently. Refer to PB-5, "Exploded View".



12. Remove center console rear finisher.
    - Pull back release metal clip from center console.
    - Remove inside key antenna and connector (A).
    - Disconnect harness connector fixing clip.
    - Remove key antenna fixing screw (B).



13. Remove center console rear fixing screws, move forward front seats if necessary. For electrical seat refer to IP-8, "Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER"".
14. Remove center console assembly. Refer to IP-18, "Exploded View".
    CAUTION:
    Always move center console with caution to avoid damaging seats, or other part.

INSTALLATION

Install in the reverse order of removal.

Disassembly and Assembly

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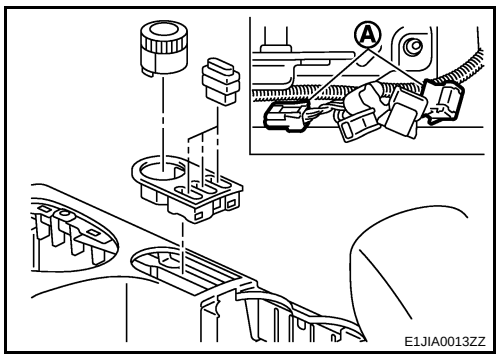
Disassembly

1. Pull upwards and then remove console rear finisher assembly.
2. Remove GPS antenna and connector (models with Navigation). Refer to XX-XX, "*****".
3. Remove cup holder.

4. Remove 4WD switch assembly and switches, then disconnect connector (A) and remove switch panel.



5. Remove console mask.
6. Remove console lid.
7. Remove metal clip and remove console rear finisher.

Assembly

Assemble in the reverse order of disassembly.