

SECTION **INT**
INTERIOR

A
B
C
D
E
F
G
H
I
INT
K
L
M
N
O
P

CONTENTS

PRECAUTION	3	REAR SUNSHADE SYSTEM	11
PRECAUTIONS	3	Wiring Diagram	11
Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TEN- SIONER"	3	BASIC INSPECTION	17
Precaution for Procedure without Cowl Top Cover.....	3	DIAGNOSIS AND REPAIR WORK FLOW	17
Precautions for Removing Battery Terminal	3	WorkFlow	17
Precaution for Work	4	DTC/CIRCUIT DIAGNOSIS	18
PREPARATION	5	POWER SUPPLY AND GROUND CIRCUIT	18
PREPARATION	5	REAR SUNSHADE CONTROL UNIT	18
Special Service Tools	5	REAR SUNSHADE CONTROL UNIT : Diagnosis Procedure	18
Commercial Service Tools	5	REAR SUNSHADE SWITCH	19
CLIP LIST	6	Component Function Check	19
Clip List	6	Diagnosis Procedure	19
SYSTEM DESCRIPTION	7	Component Inspection	20
COMPONENT PARTS	7	REVERSE SIGNAL CIRCUIT	21
REAR SUNSHADE SYSTEM	7	Component Function Check	21
REAR SUNSHADE SYSTEM : Component Parts		Diagnosis Procedure	21
Location	7	SYMPTOM DIAGNOSIS	22
REAR SUNSHADE SYSTEM : Component De- scription	7	REAR SUNSHADE DOES NOT OPERATE	22
SYSTEM	9	Diagnosis Procedure	22
REAR SUNSHADE SYSTEM	9	REAR SUNSHADE DOES NOT OPEN WHEN SELECTOR LEVER IS SHIFTED TO THE "R" POSITION	23
REAR SUNSHADE SYSTEM : System Diagram.....	9	Diagnosis Procedure	23
REAR SUNSHADE SYSTEM : System Descrip- tion	9	SQUEAK AND RATTLE TROUBLE DIAG- NOSES	24
ECU DIAGNOSIS INFORMATION	10	Work Flow	24
REAR SUNSHADE CONTROL UNIT	10	Inspection Procedure	26
Reference Value	10	Diagnostic Worksheet	28
WIRING DIAGRAM	11	REMOVAL AND INSTALLATION	30

FRONT DOOR FINISHER	30	REAR WHEEL HOUSE GARNISH	47
Exploded View	30	REAR WHEEL HOUSE GARNISH : Removal and Installation	47
FRONT DOOR FINISHER	30	REAR PILLAR FINISHER	48
FRONT DOOR FINISHER : Removal and Installation	31	REAR PILLAR FINISHER : Removal and Installation	48
FRONT DOOR SASH INNER COVER	32	REAR PARCEL SHELF FINISHER	49
FRONT DOOR SASH INNER COVER : Removal and Installation	32	Exploded View	49
REAR DOOR FINISHER	33	Removal and Installation	50
Exploded View	33	FLOOR TRIM	52
REAR DOOR FINISHER	34	Exploded View	52
REAR DOOR FINISHER : Removal and Installation	34	Removal and Installation	52
REAR DOOR SASH INNER COVER	37	HEADLINING	55
REAR DOOR SASH INNER COVER : Removal and Installation	37	Exploded View	55
BODY SIDE TRIM	38	Removal and Installation	57
Exploded View	38	TRUNK ROOM TRIM	61
FRONT PILLAR GARNISH	39	Exploded View	61
FRONT PILLAR GARNISH : Removal and Installation	39	TRUNK REAR PLATE	61
KICKING PLATE OUTER	40	TRUNK REAR PLATE : Removal and Installation...	62
KICKING PLATE OUTER : Removal and Installation	40	TRUNK FINISHER FRONT	62
KICKING PLATE INNER	41	TRUNK FINISHER FRONT : Removal and Installation	62
KICKING PLATE INNER : Removal and Installation	41	TRUNK SIDE FINISHER	62
DASH SIDE FINISHER	44	TRUNK SIDE FINISHER : Removal and Installation	63
DASH SIDE FINISHER : Removal and Installation	44	REAR SEATBACK CENTER FINISHER	63
BODY SIDE WELT	45	REAR SEATBACK CENTER FINISHER : Removal and Installation	63
BODY SIDE WELT : Removal and Installation	45	TRUNK LID TRIM	64
CENTER PILLAR LOWER GARNISH	46	Exploded View	64
CENTER PILLAR LOWER GARNISH : Removal and Installation	46	Removal and Installation	64
CENTER PILLAR UPPER GARNISH	46	REAR SUNSHADE ASSEMBLY	66
CENTER PILLAR UPPER GARNISH : Removal and Installation	46	Exploded View	66
		Removal and Installation	66
		REAR SUNSHADE SWITCH	67
		Exploded View	67
		Removal and Installation	67

PRECAUTIONS

< PRECAUTION >

PRECAUTION

PRECAUTIONS

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

INFOID:000000012347325

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 AIR BAG" and "SEAT BELT" of this Service Manual.

WARNING:

Always observe the following items for preventing accidental activation.

- To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision that 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 "SRS AIR BAG".
- Never 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.

PRECAUTIONS WHEN USING POWER TOOLS (AIR OR ELECTRIC) AND HAMMERS

WARNING:

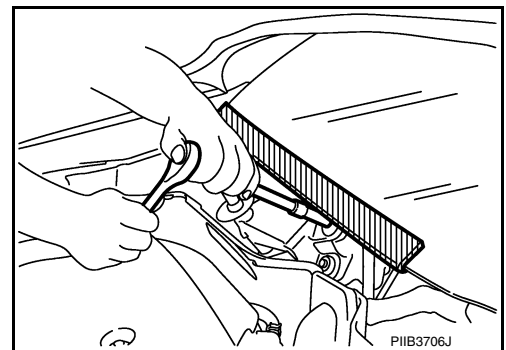
Always observe the following items for preventing accidental activation.

- When working near the Air Bag Diagnosis Sensor Unit or other Air Bag System sensors with the ignition ON or engine running, never use air or electric power tools or strike near the sensor(s) with a hammer. Heavy vibration could activate the sensor(s) and deploy the air bag(s), possibly causing serious injury.
- When using air or electric power tools or hammers, always switch the ignition OFF, disconnect the battery, and wait at least 3 minutes before performing any service.

Precaution for Procedure without Cowl Top Cover

INFOID:000000012347326

When performing the procedure after removing cowl top cover, cover the lower end of windshield with urethane, etc to prevent damage to windshield.



Precautions for Removing Battery Terminal

INFOID:000000013001730

When disconnecting the battery terminal, pay attention to the following.

- Always use a 12V battery as power source.
- Never disconnect battery terminal while engine is running.

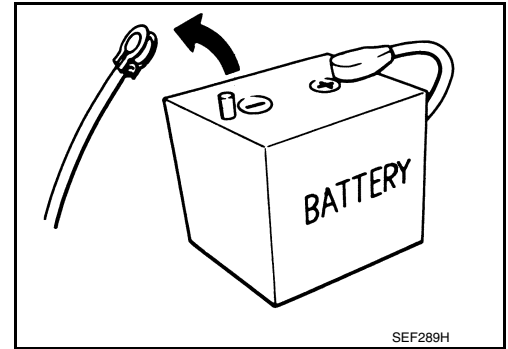
A
B
C
D
E
F
G
H
I
INT
K
L
M
N
O
P

PRECAUTIONS

< PRECAUTION >

- When removing the 12V battery terminal, turn OFF the ignition switch and wait at least 30 seconds.
- For vehicles with the engine listed below, remove the battery terminal after a lapse of the specified time:

D4D engine	: 20 minutes	YS23DDT	: 4 minutes
HRA2DDT	: 12 minutes	YS23DDTT	: 4 minutes
K9K engine	: 4 minutes	ZD30DDTi	: 60 seconds
M9R engine	: 4 minutes	ZD30DDTT	: 60 seconds
R9M engine	: 4 minutes		
V9X engine	: 4 minutes		
YD25DDTi	: 2 minutes		



NOTE:

ECU may be active for several tens of seconds after the ignition switch is turned OFF. If the battery terminal is removed before ECU stops, then a DTC detection error or ECU data corruption may occur.

- After high-load driving, if the vehicle is equipped with the V9X engine, turn the ignition switch OFF and wait for at least 15 minutes to remove the battery terminal.

NOTE:

- Turbocharger cooling pump may operate in a few minutes after the ignition switch is turned OFF.
- Example of high-load driving
 - Driving for 30 minutes or more at 140 km/h (86 MPH) or more.
 - Driving for 30 minutes or more on a steep slope.
- For vehicles with the 2-batteries, be sure to connect the main battery and the sub battery before turning ON the ignition switch.

NOTE:

If the ignition switch is turned ON with any one of the terminals of main battery and sub battery disconnected, then DTC may be detected.

- After installing the 12V battery, always check "Self Diagnosis Result" of all ECUs and erase DTC.

NOTE:

The removal of 12V battery may cause a DTC detection error.

Precaution for Work

INFOID:0000000012347328

- After removing and installing the opening/closing parts, be sure to carry out fitting adjustments to check their operation.
- Check the lubrication level, damage, and wear of each part. If necessary, grease or replace it.

PREPARATION

< PREPARATION >

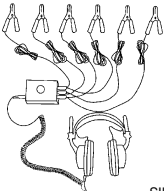
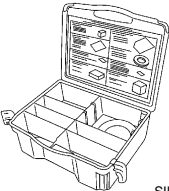
PREPARATION

PREPARATION

Special Service Tools

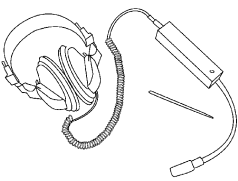
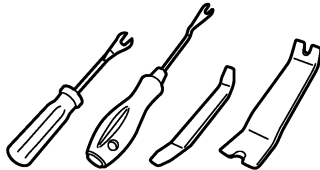
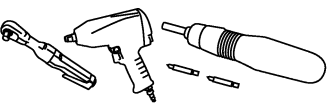
INFOID:0000000012347329

The actual shapes of Kent-Moore tools may differ from those of special service tools illustrated here.

Tool number (Kent-Moore No.) Tool name	Description
(J-39570) Chassis ear  SIIA0993E	Locates the noise
(J-50397) NISSAN Squeak and Rattle Kit  SIIA0994E	Repairs the cause of noise

Commercial Service Tools

INFOID:0000000012347330

Tool name	Description
Engine ear  SIIA0995E	Locates the noise
Remover tool  JMKIA3050ZZ	Removes the clips, pawls and metal clips
Power tool  PIIB1407E	Loosening bolts, nuts and screw

CLIP LIST

< PREPARATION >

CLIP LIST

Clip List

INFOID:000000012347331

Shapes	Removal & Installation	Shapes	Removal & Installation
	<p>Removal: Remove by bending up with flat-bladed screwdrivers or clip remover.</p>		<p>Removal:</p>
	<p>Removal: Remove with a clip remover.</p>		<p>Removal:</p>
	<p>Removal: Push center pin to catching position. (Do not remove center pin by hitting it.)</p> <p>Installation:</p>		<p>Removal: Holder portion of clip must be spread out to remove rod.</p>
	<p>Removal: Remove by bending up with flat-bladed screwdrivers or clip remover.</p>		<p>Removal:</p> <ol style="list-style-type: none"> Screw out with a Phillips screwdriver. Remove female portion with flat-bladed screwdriver.
	<p>Removal:</p>		<p>Removal:</p> <p>Rotate 45° to remove.</p> <p>Installation:</p>
	<p>Removal:</p>		<p>Removal:</p>

JMJIA3734GB

COMPONENT PARTS

< SYSTEM DESCRIPTION >

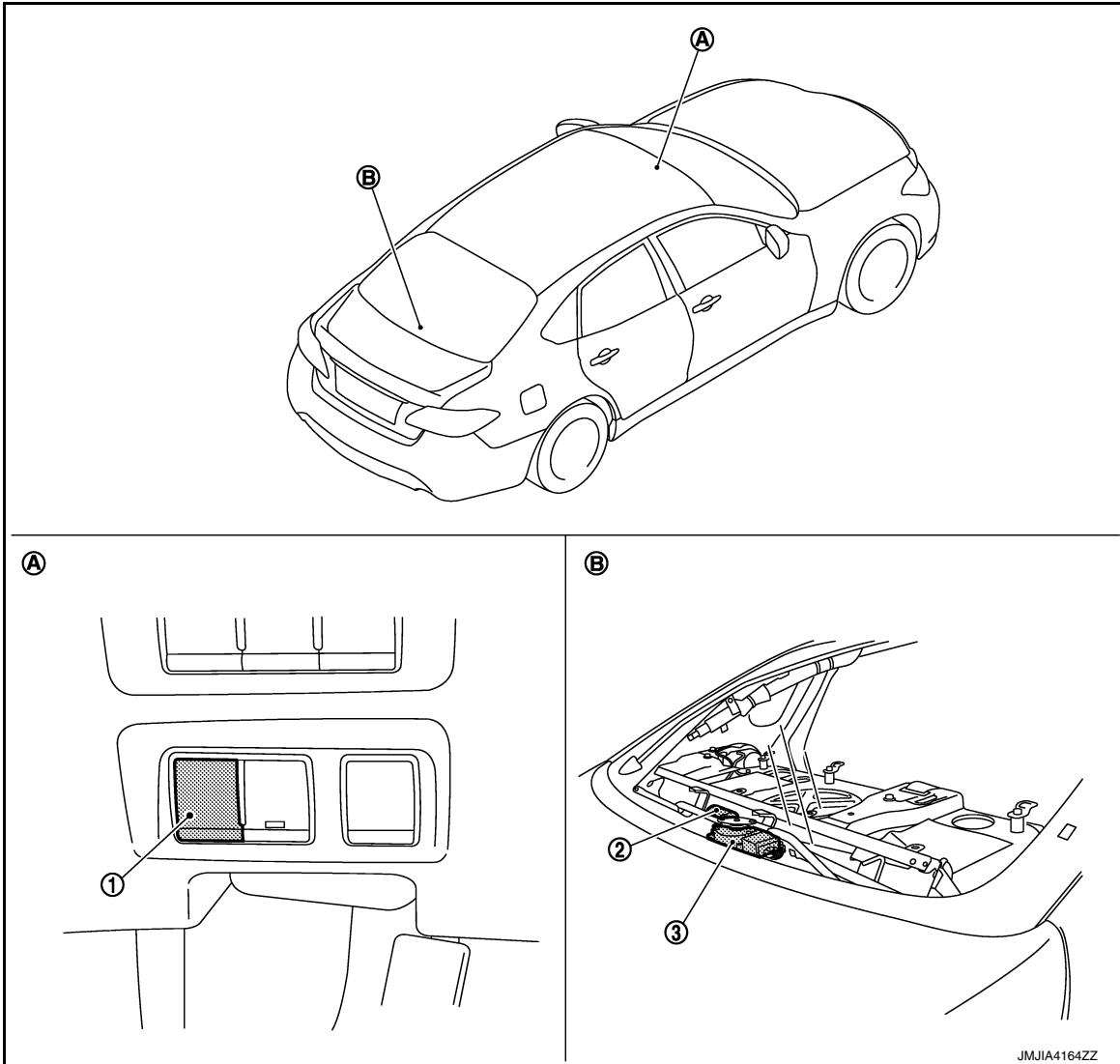
SYSTEM DESCRIPTION

COMPONENT PARTS

REAR SUNSHADE SYSTEM

REAR SUNSHADE SYSTEM : Component Parts Location

INFOID:000000012347332



- | | | |
|--|---|-------------------------------|
| 1. Rear sunshade switch | 2. Rear sunshade motor | 3. Rear sunshade control unit |
| A. Left bottom side of instrument lower panel LH | B. View with rear parcel shelf finisher removed | |

REAR SUNSHADE SYSTEM : Component Description

INFOID:000000012347333

Component parts		Description
Rear sunshade assembly	Rear sunshade control unit	<ul style="list-style-type: none"> Rear sunshade control unit is installed to rear sunshade assembly. Controls rear sunshade system by rear sunshade control unit.
	Rear sunshade motor	<ul style="list-style-type: none"> Rear sunshade motor is installed to rear sunshade assembly. Rear sunshade motor is activated with rear sunshade control unit.

A
B
C
D
E
F
G
H
I
INT
K
L
M
N
O
P

COMPONENT PARTS

< SYSTEM DESCRIPTION >

Component parts	Description
Rear sunshade switch	<ul style="list-style-type: none">• Rear sunshade switch is integrated in heated steering wheel switch (with heated steering wheel).• Operates rear sunshade motor and opens or closes rear sunshade, according to rear sunshade switch operation.
Back-up lamp relay	The reverse signal is transmitted to rear sunshade control unit.

SYSTEM

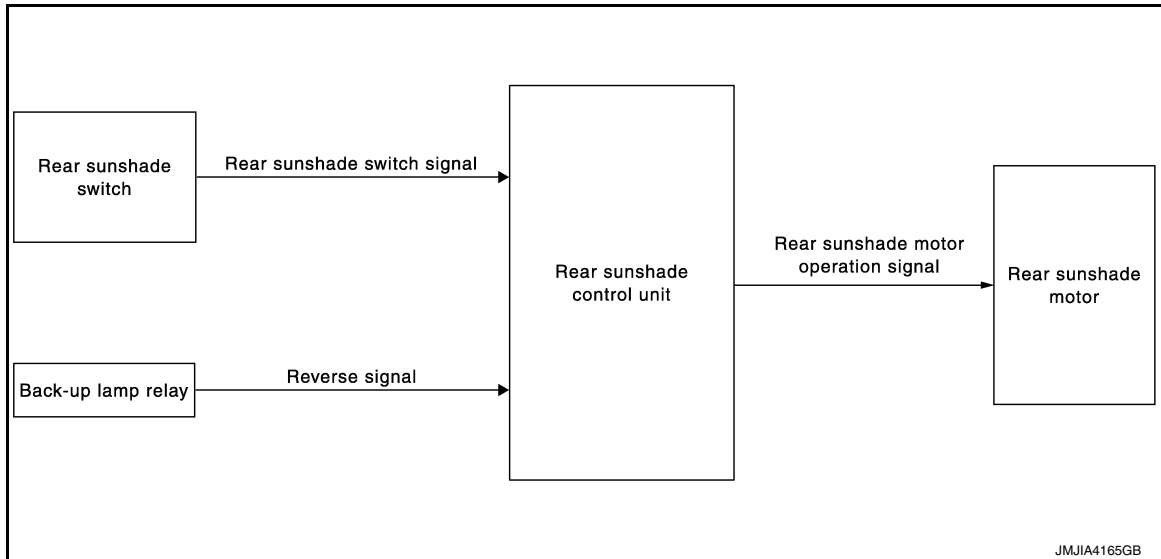
< SYSTEM DESCRIPTION >

SYSTEM

REAR SUNSHADE SYSTEM

REAR SUNSHADE SYSTEM : System Diagram

INFOID:0000000012347334



REAR SUNSHADE SYSTEM : System Description

INFOID:0000000012347335

- Rear sunshade switch signal is transmitted to rear sunshade control unit when rear sunshade switch is operated.
- Rear sunshade control unit operates rear sunshade motor and opens or closes rear sunshade.
- Reverse signal is transmitted to rear sunshade control unit and rear sunshade is operated to the fully open position, when A/T shift selector is shifted to the R position while rear sunshade is in the closed position.
- When rear sunshade reaches fully open or closed position or its operation is interrupted by an obstacle, rear sunshade control unit detects overload of rear sunshade motor, interrupts power supply, and stops the operation.

REAR SUNSHADE CONTROL UNIT

< ECU DIAGNOSIS INFORMATION >

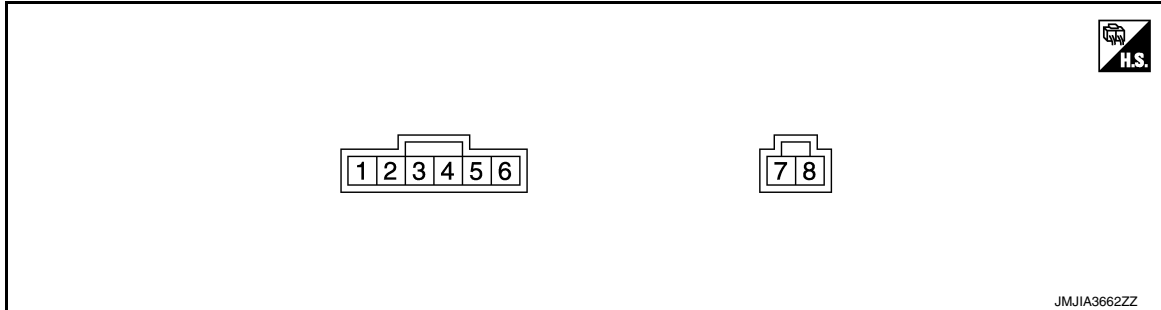
ECU DIAGNOSIS INFORMATION

REAR SUNSHADE CONTROL UNIT

Reference Value

INFOID:000000012347336

TERMINAL LAYOUT



PHYSICAL VALUES

Terminal No. (Wire color)		Description		Condition		Voltage (V) (Approx.)
+	-	Signal name	Input/ Output			
1 (R/W)	Ground	Ignition power supply	Input	Ignition switch	ON	Battery voltage
					Other than the above	0
2 (BR)	Ground	Ground	—	—	—	0
4 (L)	Ground	Rear sunshade switch signal	Input	Rear sunshade switch	While being pressed	0
					Other than the above	Battery voltage
6 (P)	Ground	Reverse signal	Input	A/T shift selector	R position	Battery voltage
					Other than the above	0
7 (W)	Ground	Rear sunshade open signal	Output	Rear sunshade	During rear sunshade operation (open)	Battery voltage
					Other than the above	0
8 (G)	Ground	Rear sunshade close signal	Output	Rear sunshade	During rear sunshade operation (close)	Battery voltage
					Other than the above	0

REAR SUNSHADE SYSTEM

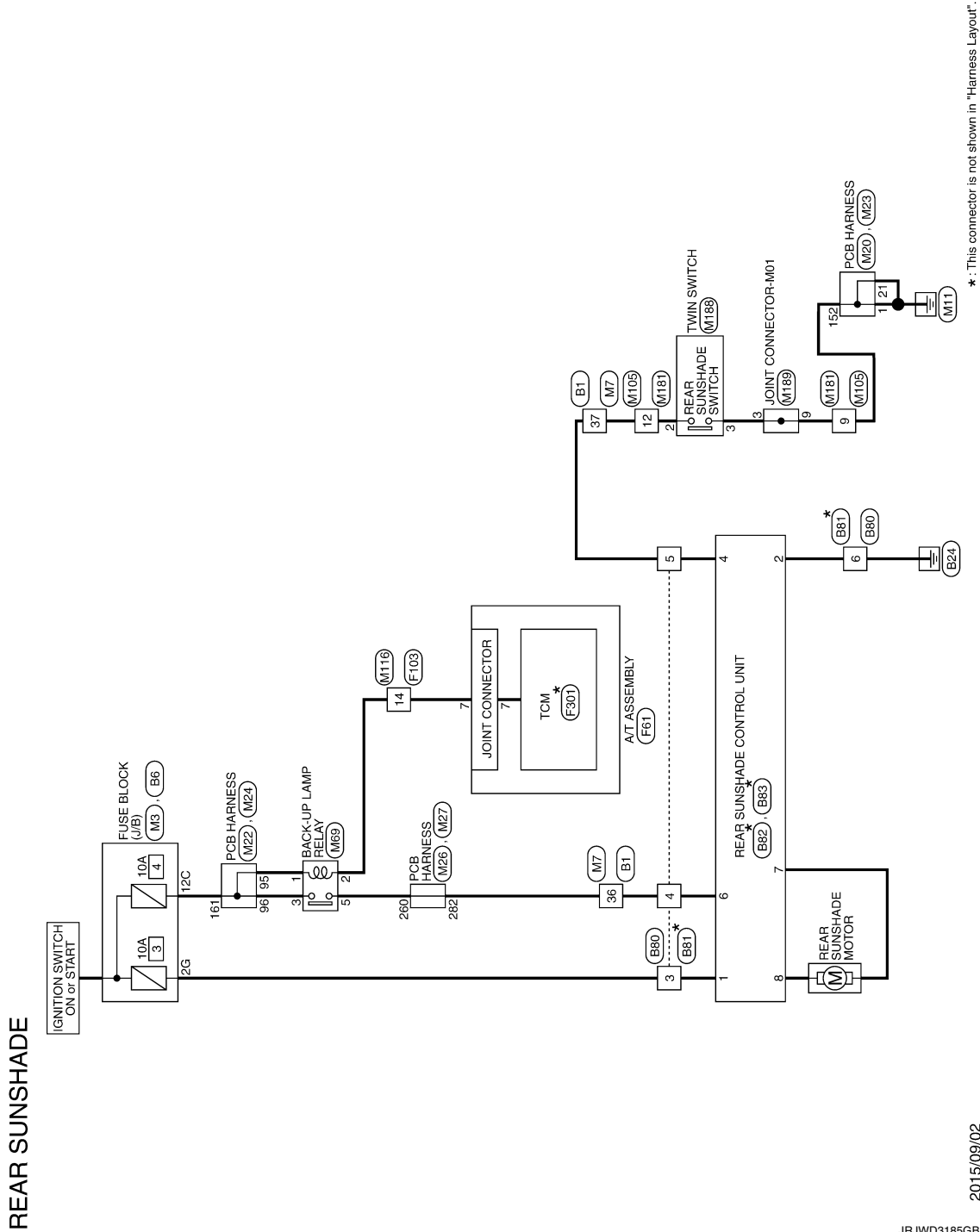
< WIRING DIAGRAM >

WIRING DIAGRAM

REAR SUNSHADE SYSTEM

Wiring Diagram

INFOID:000000012347337



2015/09/02

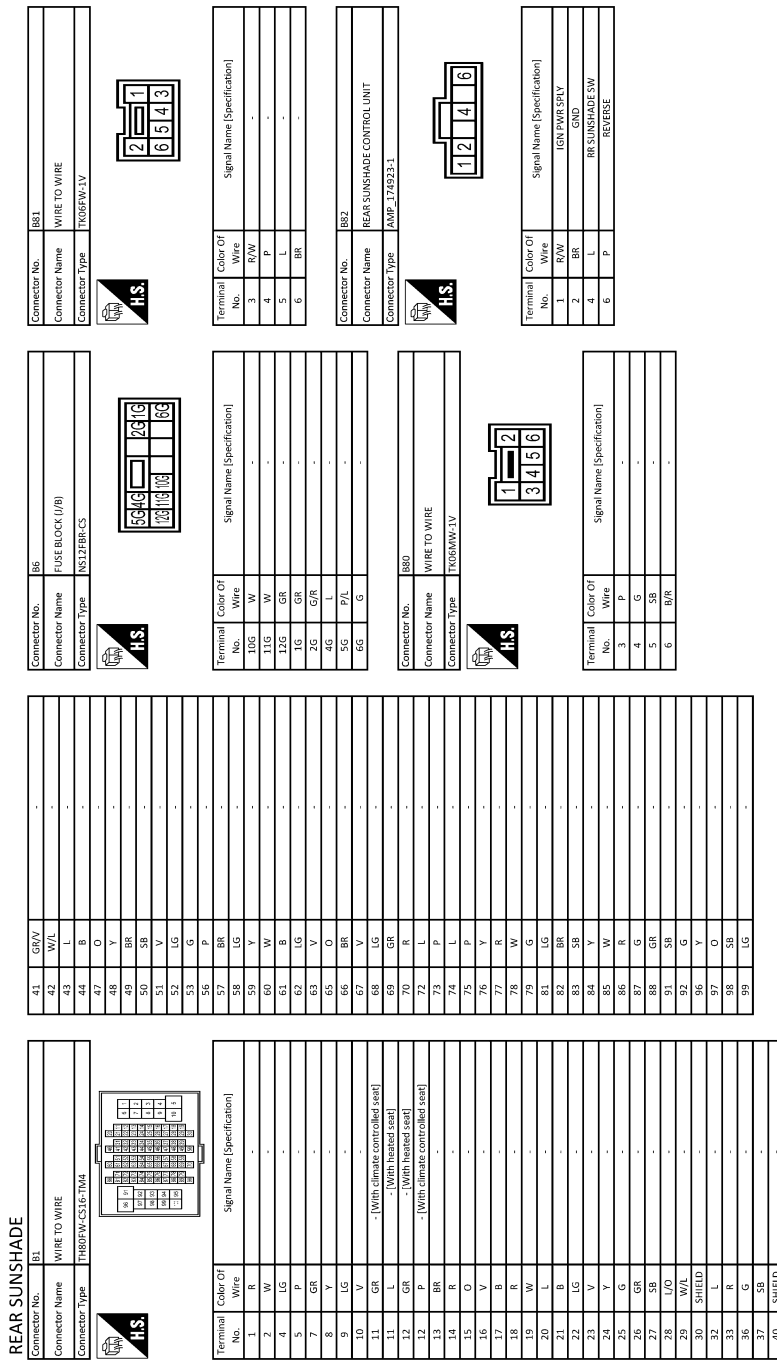
JRJWD3185GB

A
B
C
D
E
F
G
H
I
K
L
M
N
O
P

INT

REAR SUNSHADE SYSTEM

< WIRING DIAGRAM >



41	GY/V	-
42	W/L	-
43	B	-
44	S	-
47	O	-
48	V	-
49	BR	-
50	SB	-
51	V	-
52	LG	-
53	G	-
56	P	-
57	BR	-
58	LG	-
59	Y	-
60	W	-
61	B	-
62	LG	-
63	V	-
65	O	-
66	BR	-
67	V	-
68	LG	-
69	GR	-
70	R	-
72	L	-
73	P	-
74	L	-
75	Y	-
76	V	-
77	R	-
78	W	-
79	G	-
81	LG	-
82	BR	-
83	SB	-
84	Y	-
85	W	-
86	R	-
87	G	-
88	GR	-
91	SB	-
92	G	-
96	Y	-
97	O	-
98	SB	-
99	LG	-

JRJWD3186GB

REAR SUNSHADE SYSTEM

< WIRING DIAGRAM >

REAR SUNSHADE

Connector No.	183
Connector Name	REAR SUNSHADE CONTROL UNIT
Connector Type	AMP_174463-1



Terminal No.	Color Of Wire	Signal Name [Specification]
7	W	RR SUNSHADE OPEN
8	G	RR SUNSHADE CLOSE

Connector No.	F61
Connector Name	A/T ASSEMBLY
Connector Type	BKLD6-DGY



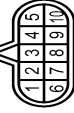
Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	POWER SUPPLY (BACK UP)
2	R	POWER SUPPLY (BACK UP)
3	L	CAN-H
4	V	K-LINE
5	B	GND
6	G	POWER SUPPLY (IGN)
7	SB	BACK-UP LAMP RELAY
8	P	CAN-L
9	BR	P/W SIGNAL
10	B	GROUND

Connector No.	F103
Connector Name	WIRE TO WIRE
Connector Type	TK5FPN-NS10



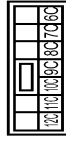
Terminal No.	Color Of Wire	Signal Name [Specification]
2	L	-
3	G	-
4	B	- [With W56 engine]
4	R	- [With VQ37 engine]
5	B	- [With VQ37 engine]
5	GR	- [With W56 engine]
7	LG	-
8	Y	-
9	SB	- [With VQ37 engine]
9	W	- [With W56 engine]
10	BR	- [With W56 engine]
10	V	- [With VQ37 engine]
11	L	-
12	P	-
13	V	-
14	SB	-
15	W	-
17	GR	-
18	LG	-
21	LG	-
22	B	-
23	G	-
24	BR	-
25	O	-

Connector No.	F301
Connector Name	TCM
Connector Type	SP10FG



Terminal No.	Color Of Wire	Signal Name [Specification]
1	-	VIGN
2	-	BATT
3	-	CAN-H
4	-	K-LINE
5	-	GND
6	-	VIGN
7	-	REV LAMP RLY
8	-	CAN-L
9	-	START RLY
10	-	GND

Connector No.	M3
Connector Name	FUSE BLOCK (I/B)
Connector Type	NS12FWCS



Terminal No.	Color Of Wire	Signal Name [Specification]
10C	LG	-
11C	LG	-
12C	O	-
6C	R	-
7C	B	-
8C	B	-
9C	L	-

Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TK80MW-CE17-M4



Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	-
2	Y	-
4	BR	-
5	P	-
7	G	-
8	Y	-
9	G	-
10	V	-
11	L	- [With heated seat]
11	V	- [With climate controlled seat]
12	GR	- [With heated seat]
12	P	- [With climate controlled seat]
13	BR	-
14	GR	-
15	BS	-
16	V	-
16	BS	-
18	Y	- [With CAN gateway]
19	W	- [With CAN gateway]
20	L	-
21	B	-
22	LG	-
23	W	-
24	V	-
25	G	-
26	BR	-
27	SB	-
28	P	-
29	L	-
30	SHIELD	-
32	L	-
33	P	-
36	BG	-
37	SB	-
41	SB	-

A
B
C
D
E
F
G
H
I
K
L
M
N
O
P

INT

REAR SUNSHADE SYSTEM

< WIRING DIAGRAM >

REAR SUNSHADE

42	V	-	-
43	B	-	-
44	L	-	-
47	L	-	-
48	LG	-	-
49	BR	-	-
50	V	-	-
51	V	-	-
52	P	-	-
53	BG	-	-
56	SB	-	-
57	P	-	-
58	LG	-	-
59	Y	-	-
60	GR	-	-
61	B	-	-
62	LG	-	-
63	BR	-	-
65	W	-	-
66	R	-	-
67	V	-	-
68	LG	-	-
69	SB	-	-
70	V	-	-
72	L	-	-
73	P	-	-
74	L	-	-
75	P	-	-
76	Y	-	-
78	SB	-	-
79	W	-	-
81	LG	-	-
82	BR	-	-
83	BG	-	-
84	B	-	-
85	W	-	-
86	G	-	-
87	R	-	-
88	G	-	-
91	W	-	-
92	G	-	-
96	W	-	-
97	BG	-	-
98	Y	-	-
99	LG	-	-

Connector No.	M20
Connector Name	PCB HARNESS
Connector Type	TH40FB-NH



1	B	-	-
2	B	-	-
3	Y	-	-
4	G	-	-
5	R	-	-
6	W	-	-
11	BR	-	-
12	R	-	-
15	B	-	-
16	SHIELD	-	-
17	R	-	-
18	P	-	-
19	W	-	-
21	B	-	-
22	R	-	-
23	L	-	-
24	SB	-	-
25	L	-	-
26	W	-	-
27	P	-	-
31	V	-	-
33	V	-	-
35	L	-	-
36	P	-	-
38	L	-	-
40	Y	-	-

Terminal No.	Color Of Wire	Signal Name [Specification]
81	L	-
82	P	-
83	B	-
84	B	-
85	B	-
86	B	-
87	B	-
88	B	-
89	Y	-
91	V	-
92	V	-
93	B	-
94	B	-
95	LG	-
96	BR	-
97	G	-
98	G	-
99	G	-
100	G	-
101	L	-
102	P	-
103	B	-
104	BR	-
105	R	-
107	Y	-
108	Y	-
109	BR	-
110	Y	-
112	B	-
113	P	-
114	L	-
116	B	-
117	BG	- [With VMS5 engine] - [With VCB37 engine]
118	B	-
119	LG	-

Connector No.	M22
Connector Name	PCB HARNESS
Connector Type	TH40FB-NH

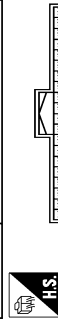


81	L	-	-
82	P	-	-
83	B	-	-
84	B	-	-
85	B	-	-
86	B	-	-
87	B	-	-
88	B	-	-
89	Y	-	-
91	V	-	-
92	V	-	-
93	B	-	-
94	B	-	-
95	LG	-	-
96	BR	-	-
97	G	-	-
98	G	-	-
99	G	-	-
100	G	-	-
101	L	-	-
102	P	-	-
103	B	-	-
104	BR	-	-
105	R	-	-
107	Y	-	-
108	Y	-	-
109	BR	-	-
110	Y	-	-
112	B	-	-
113	P	-	-
114	L	-	-
116	B	-	-
117	BG	- [With VMS5 engine] - [With VCB37 engine]	
118	B	-	
119	LG	-	

Terminal No.	Color Of Wire	Signal Name [Specification]
121	R	-
122	V	-
123	BG	-
124	BG	-
126	B	-
131	SB	-
132	LG	-
133	L	-
134	L	-
135	P	-
136	P	-
138	Y	-
139	Y	-
141	W	-
142	W	-
144	P	-
145	B	-
146	LG	-
147	B	-
149	B	-
150	P	-
151	L	-
152	B	-
153	W	-
154	W	-
155	W	-
157	W	-
158	R	-
159	R	-
160	SB	-

320	V	-
-----	---	---

Connector No.	M23
Connector Name	PCB HARNESS
Connector Type	TH40FB-NH



121	R	-
122	V	-
123	BG	-
124	BG	-
126	B	-
131	SB	-
132	LG	-
133	L	-
134	L	-
135	P	-
136	P	-
138	Y	-
139	Y	-
141	W	-
142	W	-
144	P	-
145	B	-
146	LG	-
147	B	-
149	B	-
150	P	-
151	L	-
152	B	-
153	W	-
154	W	-
155	W	-
157	W	-
158	R	-
159	R	-
160	SB	-

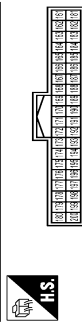
Terminal No.	Color Of Wire	Signal Name [Specification]
121	R	-
122	V	-
123	BG	-
124	BG	-
126	B	-
131	SB	-
132	LG	-
133	L	-
134	L	-
135	P	-
136	P	-
138	Y	-
139	Y	-
141	W	-
142	W	-
144	P	-
145	B	-
146	LG	-
147	B	-
149	B	-
150	P	-
151	L	-
152	B	-
153	W	-
154	W	-
155	W	-
157	W	-
158	R	-
159	R	-
160	SB	-

REAR SUNSHADE SYSTEM

< WIRING DIAGRAM >

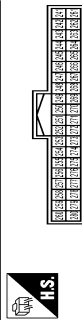
REAR SUNSHADE

Connector No.	M24
Connector Name	PCB HARNESS
Connector Type	TH40PW-NH



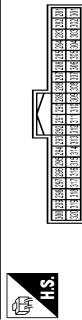
Terminal No.	Color Of Wire	Signal Name [Specification]
161	BG	-
162	BG	-
164	V	- [With LCC]
165	V	- [Without LCC]
166	R	- [With LCC]
167	LG	- [Without LCC]
169	R	-
171	BG	-
172	B	-
174	W	-
176	L	-
177	P	-
178	Y	-
179	L	-
180	LG	-
182	BR	- [With VCI engine or with VCS engine without LCC]
183	R	- [With VCS engine with LCC]
184	V	-
185	P	-
186	R	-
187	L	- [Without CAN gateway]
188	L	- [With CAN gateway]
189	B	-
190	V	-
191	LG	-
192	B	-
193	SB	-
194	BR	-
195	SB	-
198	R	-
199	R	-
200	SB	-

Connector No.	M25
Connector Name	PCB HARNESS
Connector Type	TH40PW-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
241	L	-
242	L	-
243	R	- [With LCC]
244	Y	- [Without LCC]
244	L	- [With LCC]
244	SB	- [Without LCC]
245	B	-
246	B	-
247	B	-
248	SHIELD	-
251	SHIELD	-
252	B	-
253	B	-
254	B	- [With heated seat]
254	W	- [With climate controlled seat]
255	B	-
258	R	-
259	R	-
260	BG	-
261	P	-
262	P	-
267	P	-
268	Y	-
269	G	-
270	Y	-
271	BR	-
272	G	-
273	R	-
274	R	-
275	Y	-
276	B	-
277	G	-
278	R	-
279	R	-
280	Y	-

Connector No.	M27
Connector Name	PCB HARNESS
Connector Type	TH40FB-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
281	O	-
282	BG	-
283	BG	-
284	BG	-
286	W	-
287	Y	-
288	W	-
289	SHIELD	-
290	B	-
291	SHIELD	-
292	B	-
293	B	-
294	B	-
295	B	-
296	GR	-
297	B	-
298	B	-
299	W	-
300	W	-
301	R	-
302	R	-
303	R	-
304	SHIELD	-
305	P	-
306	V	-
309	G	-
310	R	-
311	W	-
312	B	-
313	B	-
314	Y	-
315	G	-
316	R	-
317	W	-
318	SHIELD	-
319	V	-

Connector No.	M28
Connector Name	BACK-UP LAMP RELAY
Connector Type	TH40FL-M2-LC



Terminal No.	Color Of Wire	Signal Name [Specification]
1	LG	-
2	R	-
3	BR	-
5	BG	-

Connector No.	M105
Connector Name	WIRE TO WIRE
Connector Type	TH40PW-NH



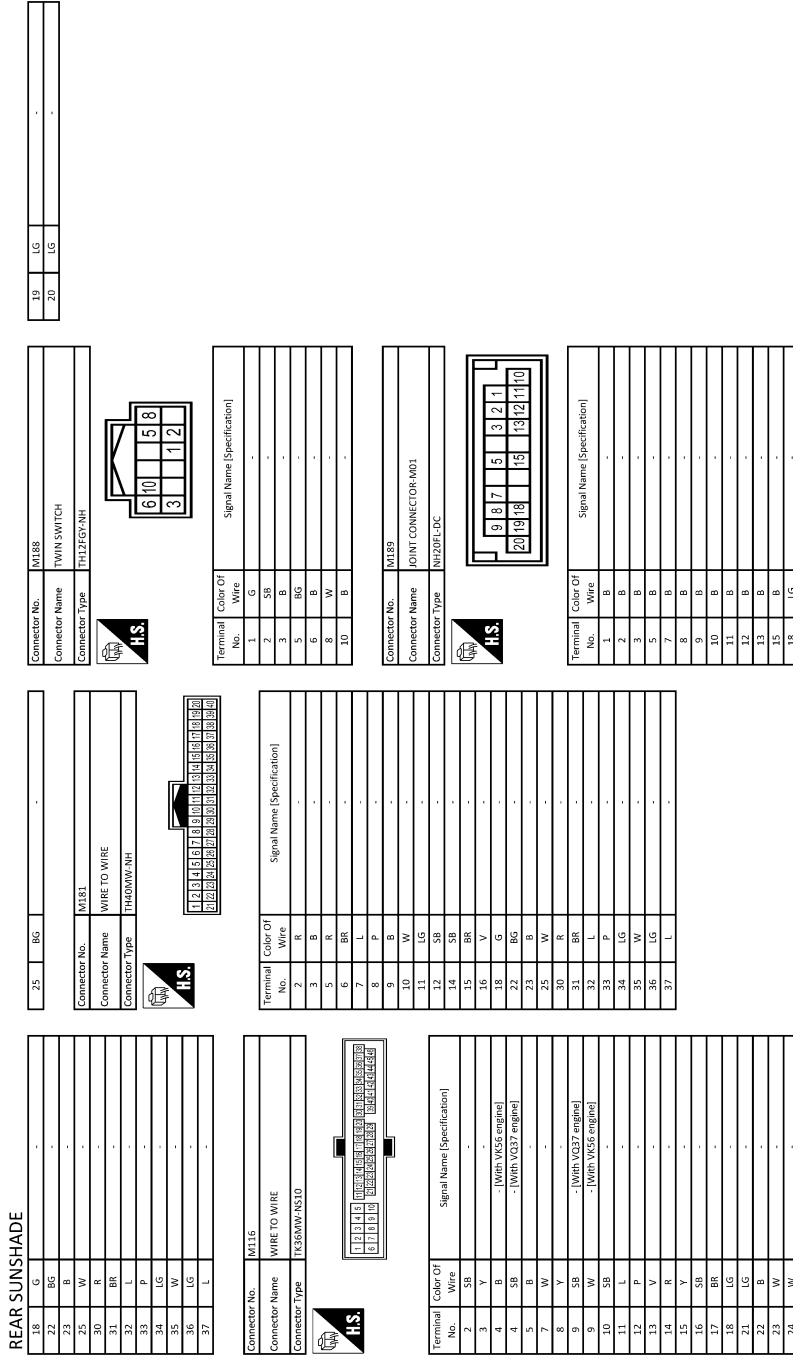
Terminal No.	Color Of Wire	Signal Name [Specification]
2	R	-
3	B	-
5	LG	-
6	P	-
7	L	-
8	P	-
9	B	-
10	W	-
11	W	-
12	SB	-
14	SB	-
15	BR	-
16	V	-

A
B
C
D
E
F
G
H
I
K
L
M
N
O
P

INT

REAR SUNSHADE SYSTEM

< WIRING DIAGRAM >



JRJWD3190GB

DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

BASIC INSPECTION

DIAGNOSIS AND REPAIR WORK FLOW

WorkFlow

INFOID:0000000012347338

DETAILED FLOW

1.OBTAIN INFORMATION ABOUT SYMPTOM

Interview the customer to obtain as much malfunction information (conditions and environment when the malfunction occurred) as possible when the customer brings the vehicle in.

>> GO TO 2.

2.REPRODUCE THE MALFUNCTION INFORMATION

Check the malfunction on the vehicle that the customer describes.
Inspect the relation of the symptoms and the condition when the symptoms occur.

>> GO TO 3.

3.IDENTIFY THE MALFUNCTIONING SYSTEM WITH "SYMPTOM DIAGNOSIS"

Use "Symptom Diagnosis" from the symptom inspection result in step 2 and then identify where to start performing the diagnosis based on possible causes and symptoms.

>> GO TO 4.

4.IDENTIFY THE MALFUNCTIONING PARTS WITH "DTC/CIRCUIT DIAGNOSIS"

Perform the diagnosis with "DTC/CIRCUIT DIAGNOSIS" of the applicable system.

>> GO TO 5.

5.REPAIR OR REPLACE THE MALFUNCTIONING PARTS

Repair or replace the specified malfunctioning parts.

>> GO TO 6.

6.FINAL CHECK

Check that malfunctions are not reproduced when obtaining the malfunction information from the customer, referring to the symptom inspection result in step 2.

Are the malfunctions corrected?

YES >> INSPECTION END

NO >> GO TO 3.

A
B
C
D
E
F
G
H
I
INT
K
L
M
N
O
P

POWER SUPPLY AND GROUND CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

DTC/CIRCUIT DIAGNOSIS

POWER SUPPLY AND GROUND CIRCUIT

REAR SUNSHADE CONTROL UNIT

REAR SUNSHADE CONTROL UNIT : Diagnosis Procedure

INFOID:000000012347339

1. CHECK FUSE

Check that the following fuse and fusible link are not fusing.

Signal name	Fuse No.
Ignition power supply	3 (10 A)

Is the inspection result normal?

YES >> GO TO 2.

NO >> Replace the blown fuse after repairing the affected circuit.

2. CHECK REAR SUNSHADE CONTROL UNIT POWER SUPPLY

1. Turn ignition switch OFF.
2. Disconnect rear sunshade control unit connector.
3. Turn ignition switch ON.
4. Check voltage between rear sunshade control unit harness connector and ground.

(+) Rear sunshade control unit		(-)	Condition	Voltage (V) (Approx.)
Connector	Terminal			
B82	1	Ground	Ignition switch ON	Battery voltage
			OFF	0

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace harness.

3. CHECK REAR SUNSHADE CONTROL UNIT GROUND CIRCUIT

1. Turn ignition switch OFF.
2. Check continuity between rear sunshade control unit harness connector and ground.

Rear sunshade control unit		Ground	Continuity
Connector	Terminal		
B82	2		Existed

Is the inspection result normal?

YES >> INSPECTION END

NO >> Replace or repair harness.

REAR SUNSHADE SWITCH

< DTC/CIRCUIT DIAGNOSIS >

REAR SUNSHADE SWITCH

Component Function Check

INFOID:000000012347340

1. CHECK REAR SUNSHADE SWITCH FUNCTION

Operate rear sunshade switch and check rear sunshade operation.

Is the inspection result normal?

- YES >> INSPECTION END
- NO >> Refer to [INT-19, "Diagnosis Procedure"](#).

Diagnosis Procedure

INFOID:000000012347341

1. CHECK REAR SUNSHADE SWITCH POWER SUPPLY

1. Turn ignition switch OFF.
2. Disconnect twin switch connector.
3. Turn ignition switch ON.
4. Check voltage between twin switch harness connector and ground.

(+)		(-)	Voltage (V) (Approx.)
Twin switch			
Connector	Terminal		
M188	2	Ground	12

Is the inspection result normal?

- YES >> GO TO 3.
- NO >> GO TO 2.

2. CHECK REAR SUNSHADE SWITCH POWER SUPPLY CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect rear sunshade control unit connector.
3. Check continuity between rear sunshade control unit harness connector and twin switch harness connector.

Rear sunshade control unit		Twin switch		Continuity
Connector	Terminal	Connector	Terminal	
B82	4	M188	2	Existed

4. Check continuity between rear sunshade control unit harness connector and ground.

Rear sunshade control unit		Ground	Continuity
Connector	Terminal		
B82	4		Not existed

Is the inspection result normal?

- YES >> Replace rear sunshade assembly.
- NO >> Repair or replace harness.

3. CHECK REAR SUNSHADE SWITCH GROUND CIRCUIT

1. Turn ignition switch OFF.
2. Check continuity between twin switch harness connector and ground.

Twin switch		Ground	Continuity
Connector	Terminal		
M188	3		Existed

Is the inspection result normal?

- YES >> GO TO 4.

REAR SUNSHADE SWITCH

< DTC/CIRCUIT DIAGNOSIS >

NO >> Repair or replace harness.

4.CHECK REAR SUNSHADE SWITCH

Check rear sunshade switch.

Refer to [INT-20. "Component Inspection"](#).

Is the inspection result normal?

YES >> GO TO 5.

NO >> Replace twin switch.

5.CHECK INTERMITTENT INCIDENT

Refer to [GI-45. "Intermittent Incident"](#).

>> INSPECTION END

Component Inspection

INFOID:000000012347342

1..CHECK REAR SUNSHADE SWITCH

1. Turn ignition switch OFF.
2. Disconnect twin switch connector.
3. Check continuity between twin switch terminals under the following conditions.

Twin switch		Condition	Continuity	
Terminal				
2	3	Rear sunshade switch	While being pressed	Existed
			Release	Not existed

Is the inspection result normal?

YES >> INSPECTION END

NO >> Replace twin switch.

REVERSE SIGNAL CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

REVERSE SIGNAL CIRCUIT

Component Function Check

INFOID:000000012347343

1.CHECK BACK-UP LAMP RELAY FUNCTION

Check that rear sunshade returns to the fully open position when shifting A/T shift selector to the R position while rear sunshade is in the fully closed position.

Is the inspection result normal?

- YES >> INSPECTION END
- NO >> Refer to [INT-21. "Diagnosis Procedure"](#)

Diagnosis Procedure

INFOID:000000012347344

1.CHECK REVERSE SIGNAL

1. Turn ignition switch OFF.
2. Disconnect rear sunshade control unit connector.
3. Turn ignition switch ON.
4. Shift A/T shift selector to R position.
5. Check voltage between rear sunshade control unit harness connector and ground.

(+)		(-)	Condition	Voltage (V) (Approx.)	
Connector	Terminal				
B82	6	Ground	A/T shift selector	R position	Battery voltage
				Other than the above	0

Is the inspection result normal?

- YES >> Replace rear sunshade assembly.
- NO >> Check back-up lamp circuit. Refer to [EXL-43. "Wiring Diagram"](#).

A
B
C
D
E
F
G
H
I
K
L
M
N
O
P

INT

REAR SUNSHADE DOES NOT OPERATE

< SYMPTOM DIAGNOSIS >

SYMPTOM DIAGNOSIS

REAR SUNSHADE DOES NOT OPERATE

Diagnosis Procedure

INFOID:000000012347345

1. CHECK REAR SUNSHADE CONTROL UNIT POWER SUPPLY AND GROUND CIRCUIT

Check rear sunshade control unit power supply and ground circuit.

Refer to [INT-18. "REAR SUNSHADE CONTROL UNIT : Diagnosis Procedure"](#).

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace the malfunction parts.

2. CHECK REAR SUNSHADE SWITCH

Check rear sunshade switch.

Refer to [INT-19. "Component Function Check"](#).

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace the malfunction parts.

3. CONFIRM THE OPERATION

Check the operation again.

Is the result normal?

YES >> Check intermittent incident. Refer to [GI-45. "Intermittent Incident"](#).

NO >> GO TO 1.

REAR SUNSHADE DOES NOT OPEN WHEN SELECTOR LEVER IS SHIFTED TO THE "R" POSITION

< SYMPTOM DIAGNOSIS >

REAR SUNSHADE DOES NOT OPEN WHEN SELECTOR LEVER IS SHIFTED TO THE "R" POSITION

Diagnosis Procedure

INFOID:000000012347346

1. CHECK BACK-UP LAMP RELAY FUNCTION

Check back-up lamp relay function.

Refer to [INT-21, "Component Function Check"](#).

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace the malfunction parts.

2. CONFIRM THE OPERATION

Check the operation again.

Is the result normal?

YES >> Check intermittent incident. Refer to [GI-45, "Intermittent Incident"](#).

NO >> GO TO 1.

A
B
C
D
E
F
G
H
I
K
L
M
N
O
P

INT

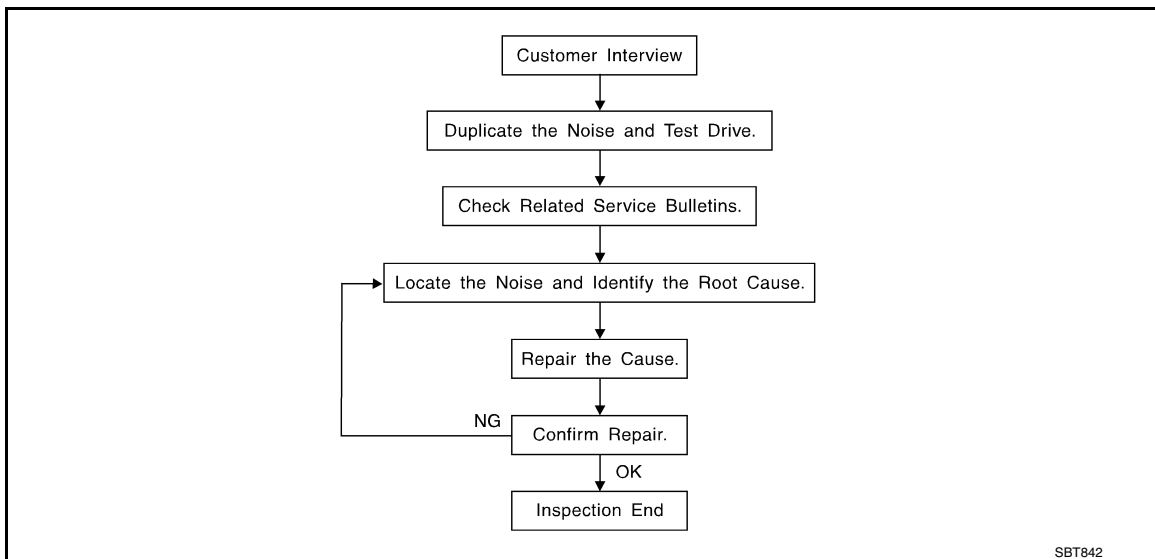
SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

SQUEAK AND RATTLE TROUBLE DIAGNOSES

Work Flow

INFOID:000000012347347



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 customer comments. Refer to [INT-28, "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, perform a diagnosis and repair the noise that the customer is concerned about. This can be accomplished by performing 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 that the customer, service adviser, and technician use the same language when describing 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 = high-pitched noise / softer surfaces = low-pitched 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 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 sounds / 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 / dull sounds often brought on by activity.
- Buzz – (Like a bumblebee)
Buzz characteristics include high frequency rattle / firm contact.
- Often the degree of acceptable noise level varies depending upon the person. A noise that a technician may judge as acceptable may be very irritating to a 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 the repair is reconfirmed.

SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

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 items:

- 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 M/T models, drive position on A/T models).
 - 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.

CHECK RELATED SERVICE BULLETINS

After verifying the customer concern or symptom, check ASIST for Technical Service Bulletins (TSBs) related to the concern or symptom.

If a TSB relates to the symptom, follow the procedure to repair the noise.

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 (Chassis ear: J-39570, engine ear, and mechanics stethoscope).
2. Narrow down the noise to a more specific area and identify the cause of the noise by:
 - Removing the component(s) in the area that is (are) suspected to be the cause of the noise. Do not use too much force when removing clips and fasteners, otherwise clips and fasteners can be broken or lost during the repair, resulting in the creation of new noise.
 - Tapping or pushing/pulling the component(s) that is (are) suspected to be the cause of the noise. Do not tap or push/pull the component(s) with excessive force, otherwise the noise is eliminated only temporarily.
 - Feeling for a vibration by hand by touching the component(s) that is (are) suspected to be the cause of the noise.
 - Placing a piece of paper between components that are suspected to be the cause of the noise.
 - Looking for loose components and contact marks.
Refer to [INT-26, "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 components, if possible.
 - Insulate components with a suitable insulator such as urethane pads, foam blocks, felt cloth tape, or urethane tape. A NISSAN Squeak and Rattle Kit (J-50397) is available through the authorized NISSAN Parts Department.

CAUTION:

Never use excessive force as many components are constructed of plastic and may be damaged.

NOTE:

Always check with the Parts Department for the latest parts information.

The following materials are contained in the NISSAN Squeak and Rattle Kit (J-50397) are listed on the inside cover of the kit; and can each be ordered separately as needed.

URETHANE PADS [1.5 mm (0.059 in) thick]

Insulates connectors, harness, etc.

- 76268-9E005: 100 × 135 mm (3.937 × 5.315 in)
- 76884-71L01: 60 × 85 mm (2.362 × 3.346 in)
- 76884-71L02: 15 × 25 mm (0.591 × 0.984 in)

INSULATOR (Foam blocks)

Insulates components from contact. Can be used to fill space behind a panel.

- 73982-9E000: 45 mm (1.772 in) thick, 50 × 50 mm (1.969 × 1.969 in)
- 73982-50Y00: 10 mm (0.394 in) thick, 50 × 50 mm (1.969 × 1.969 in)

INSULATOR (Light foam block)

80845-71L00: 30 mm (1.181 in) thick, 30 × 50 mm (1.181 × 1.969 in)

FELT CLOTH TAPE

Used to insulate where movement does not occur. Ideal for instrument panel applications.

- 68370-4B000: 15 × 25 mm (0.591 × 0.984 in) pad
- 68239-13E00: 5 mm (0.197 in) wide tape roll

SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

The following materials, not found in the kit, 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 is visible or does not fit. Only lasts a few months.

SILICONE SPRAY

Used when grease cannot be applied.

DUCT TAPE

Used to eliminate movement.

CONFIRM THE REPAIR

After repair is complete, test drive the vehicle to confirm that the cause of 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

INFOID:000000012347348

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

INSTRUMENT PANEL

Most incidents are caused by contact and movement between:

1. The 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:

Never use silicone spray to isolate a squeak or rattle. If the area is saturated with silicone, the recheck of repair becomes impossible.

CENTER CONSOLE

Components to check 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

Check the following items:

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

Tapping, moving the components, or pressing on them while driving to duplicate the conditions can isolate many of these incidents. The areas can usually be insulated with felt cloth tape or insulator foam blocks from the NISSAN Squeak and Rattle Kit (J-50397) to repair the noise.

TRUNK

Trunk noises are often caused by a loose jack or loose items put into the trunk by the customer.

In addition check for the following items:

1. Trunk lid dumpers out of adjustment
2. Trunk lid striker out of adjustment

SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

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 items:

1. Sunroof lid, rail, linkage, or seals making a rattle or light knocking noise
2. Sun visor 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 occurs. These conditions should be duplicated when verifying and isolating the cause of the noise.

Causes of seat noise include:

1. Headrest rods and holder
2. A squeak between the seat pad cushion and frame
3. The 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.

A
B
C
D
E
F
G
H
I
K
L
M
N
O
P

INT

SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

Diagnostic Worksheet

INFOID:000000012347349



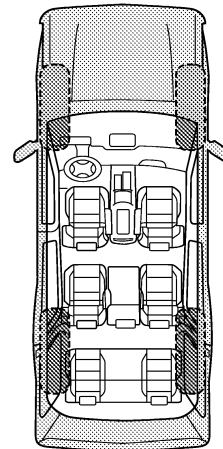
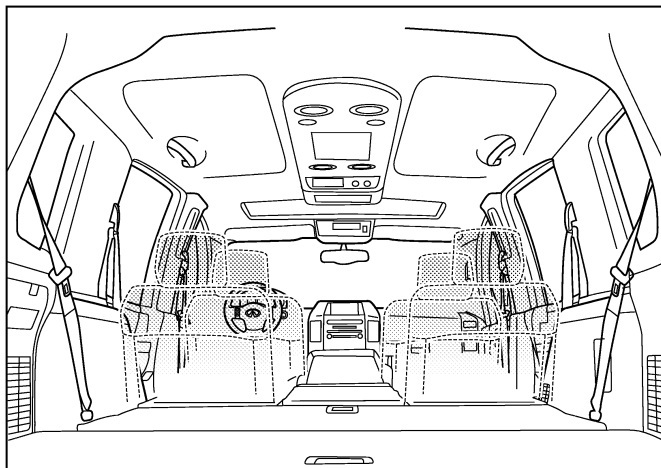
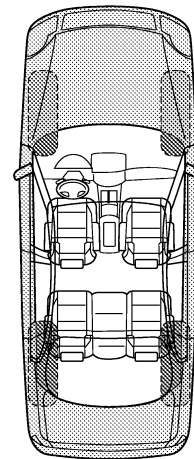
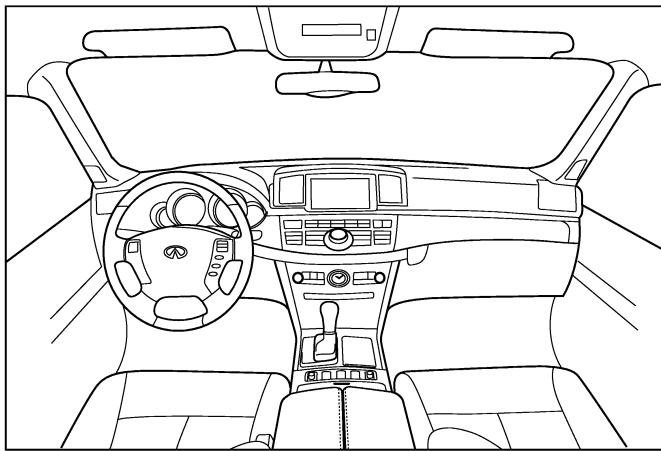
SQUEAK & RATTLE DIAGNOSTIC WORKSHEET

Dear Infiniti Customer:

We are concerned about your satisfaction with your Infiniti vehicle. Repairing a squeak or rattle sometimes can be very difficult. To help us fix your Infiniti 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 consultant 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.

PIIB8741E

SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

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)

- | | |
|---|--|
| <input type="checkbox"/> anytime | <input type="checkbox"/> after sitting out in the rain |
| <input type="checkbox"/> 1st time in the morning | <input type="checkbox"/> when it is raining or wet |
| <input type="checkbox"/> only when it is cold outside | <input type="checkbox"/> dry or dusty conditions |
| <input type="checkbox"/> only when it is hot outside | <input type="checkbox"/> 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	<input type="checkbox"/>	<input type="checkbox"/>	_____
- Noise verified on test drive	<input type="checkbox"/>	<input type="checkbox"/>	_____
- Noise source located and repaired	<input type="checkbox"/>	<input type="checkbox"/>	_____
- Follow up test drive performed to confirm repair	<input type="checkbox"/>	<input type="checkbox"/>	_____

VIN: _____ Customer Name: _____
W.O.# _____ Date: _____

This form must be attached to Work Order

PIIB8742E

A
B
C
D
E
F
G
H
I
INT
K
L
M
N
O
P

FRONT DOOR FINISHER

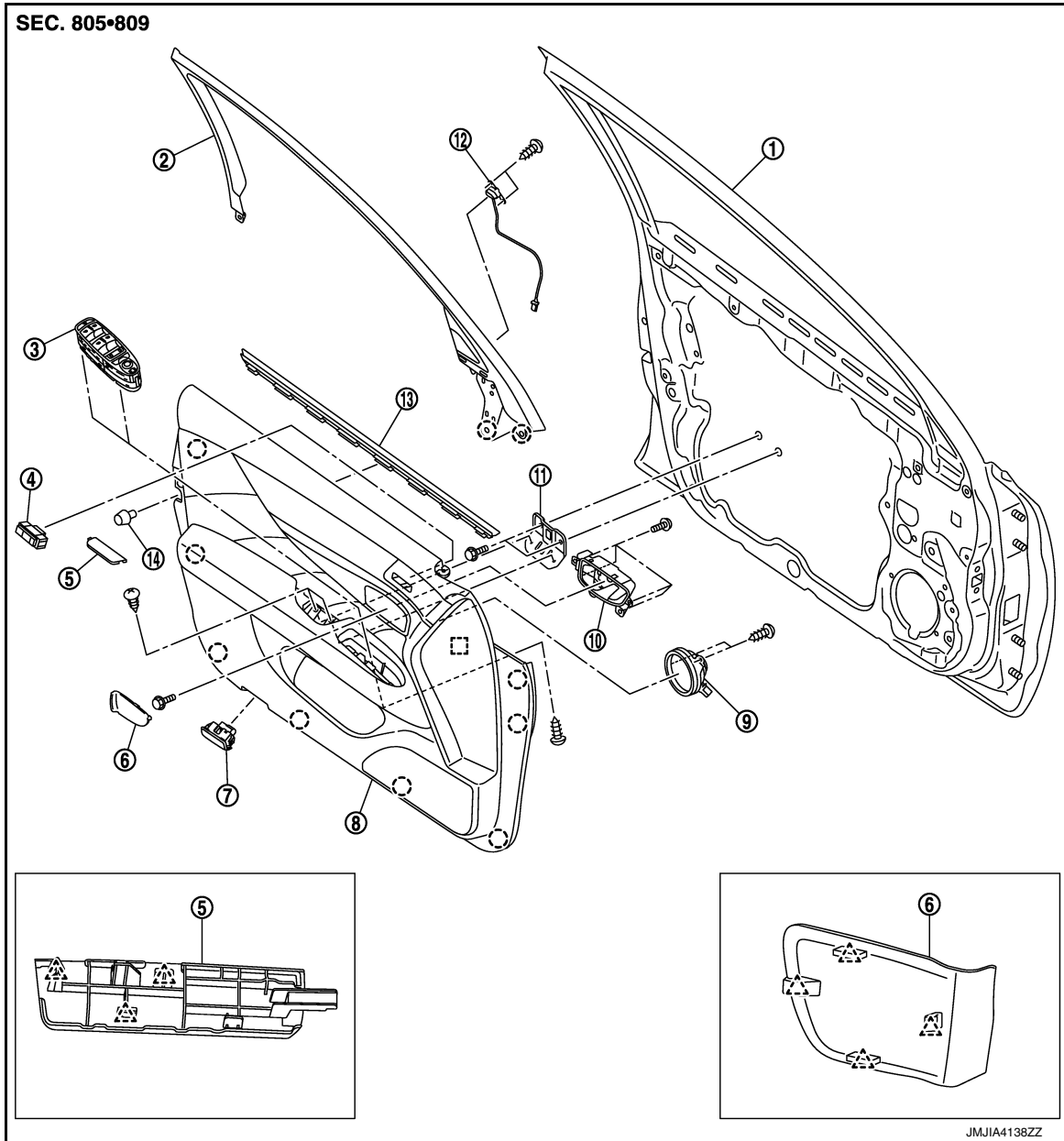
< REMOVAL AND INSTALLATION >

REMOVAL AND INSTALLATION

FRONT DOOR FINISHER

Exploded View

INFOID:000000012347350



- | | | |
|------------------------------|--------------------------------|-----------------------------|
| 1. Front door panel | 2. Front door sash inner cover | 3. Power window switch |
| 4. Seat memory switch | 5. Armrest cap | 6. Inside handle escutcheon |
| 7. Step lamp | 8. Front door finisher | 9. Front door squawker |
| 10. Front door inside handle | 11. Pull handle bracket | 12. BSW/BSI indicator |
| 13. Front door inside seal | 14. Bumper rubber | |

- : Clip
- △ : Pawl
- : Metal clip

FRONT DOOR FINISHER

FRONT DOOR FINISHER

< REMOVAL AND INSTALLATION >

FRONT DOOR FINISHER : Removal and Installation


INFOID:000000012347351

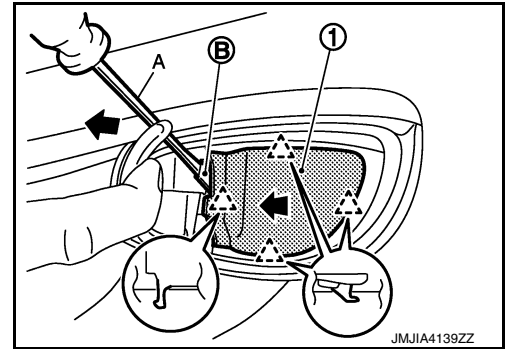
REMOVAL

1. Remove inside handle escutcheon.
 1. Insert a flat-bladed screwdriver (A) between inside handle escutcheon (1) and inside handle assembly to disengage pawls.
 2. Pull back inside handle escutcheon.


CAUTION:

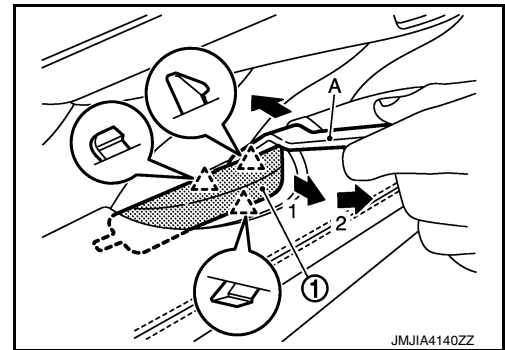
Apply protective tape (B) to flat-bladed screwdriver.

 : Pawl

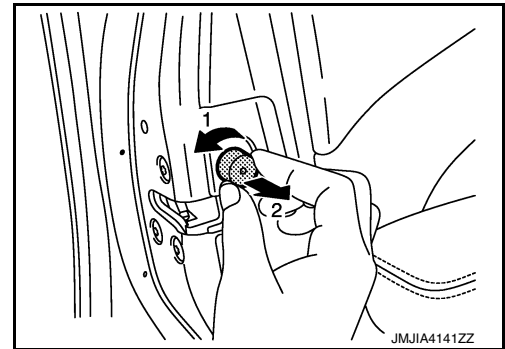


2. Remove screw located on the back side of inside handle escutcheon.
3. Remove armrest cap.
 1. Insert a remover tool (A) between armrest cap (1) and front door finisher assembly and disengage pawls.
 2. Pull toward the direction of the arrows as shown in the figure to remove armrest cap.


 : Pawl




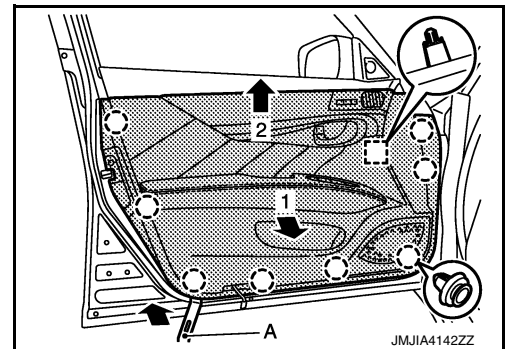
4. Remove screws located on back side of armrest.
5. Rotate bumper rubber to left side, and pull back to remove.



6. Remove step lamp.
 - Short wheel base models: Refer to [INL-81, "Removal and Installation"](#).
 - Long wheel base models: Refer to [INL-166, "Removal and Installation"](#).
7. Insert a remover tool (A) between front door finisher and front door panel to disengage the fixing clips and metal clip.
8. Pull toward the direction of the arrows as shown in the figure to remove.

 : Clip

 : Metal clip

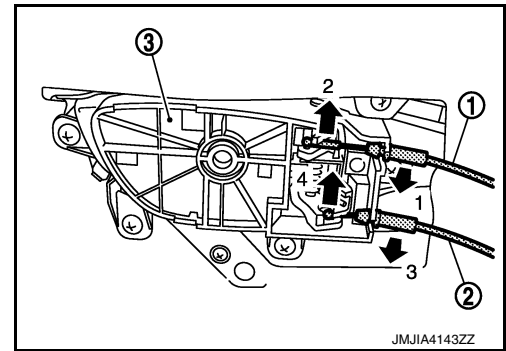


A
B
C
D
E
F
G
H
I
INT
K
L
M
N
O
P

FRONT DOOR FINISHER

< REMOVAL AND INSTALLATION >

9. Disconnect the lock knob cable (1) and inside handle cable (2) from door inside handle assembly (3).



10. Disconnect seat memory switch harness connector (with ADP). Refer to [ADP-150, "Removal and Installation"](#).
11. Disconnect front door squawker harness connector.
 - Base audio without navigation: Refer to [AV-128, "Removal and Installation"](#).
 - Bose audio with navigation: Refer to [AV-409, "Removal and Installation"](#).
12. Disconnect power window switch harness connector. Refer to [PWC-74, "Removal and Installation"](#).
13. Remove front door finisher.
14. Remove parts as per the following list after removing front door finisher.
 - Front door inside handle assembly: Refer to [DLK-212, "INSIDE HANDLE : Removal and Installation"](#).
 - Seat memory switch (with ADP): Refer to [ADP-150, "Removal and Installation"](#).
 - Front power window switch: Refer to [PWC-74, "Removal and Installation"](#).
 - Front door squawker
 - Base audio without navigation: Refer to [AV-128, "Removal and Installation"](#).
 - Bose audio with navigation: Refer to [AV-409, "Removal and Installation"](#).

INSTALLATION

Note the following items, and then install in the reverse order of removal.

CAUTION:

- **Never damage harness while installing.**
- **When installing door finisher, check that all clips are securely fitted in panel holes on body, and then press clips and metal clip in.**

FRONT DOOR SASH INNER COVER

FRONT DOOR SASH INNER COVER : Removal and Installation

INFOID:000000012347352

REMOVAL

1. Remove front door finisher. Refer to [INT-31, "FRONT DOOR FINISHER : Removal and Installation"](#).
2. Disconnect tweeter harness connector. Refer to [AV-410, "Removal and Installation"](#).
3. Disconnect BSW/BSI indicator harness connector. Refer to [DAS-395, "Removal and Installation"](#).
4. Disengage front door sash inner cover fixing clips, and then remove front door sash inner cover.

INSTALLATION

Note the following item, and then install in the reverse order of removal.

CAUTION:

When installing front door sash inner cover, check that clips are securely fitted in panel holes on door, and then press clips in.

REAR DOOR FINISHER

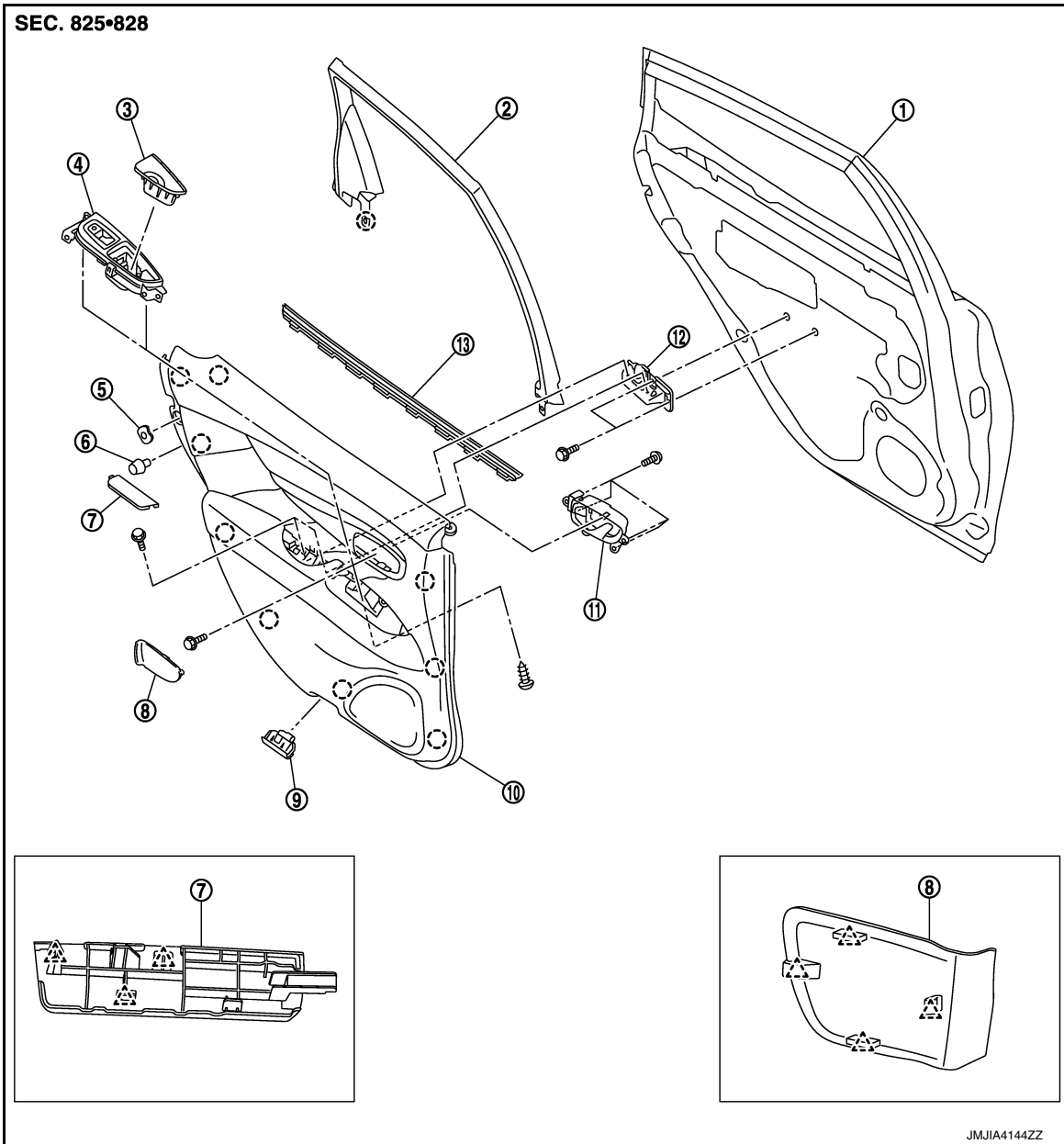
< REMOVAL AND INSTALLATION >

REAR DOOR FINISHER

Exploded View

INFOID:000000012347353

Short wheel base models



- | | | |
|---------------------------|-------------------------------|-------------------------|
| 1. Rear door panel | 2. Rear door sash inner cover | 3. Ashtray |
| 4. Power window switch | 5. Child lock cover | 6. Bumper rubber |
| 7. Armrest cap | 8. Inside handle escutcheon | 9. Step lamp |
| 10. Rear door finisher | 11. Inside handle | 12. Pull handle bracket |
| 13. Rear door inside seal | | |

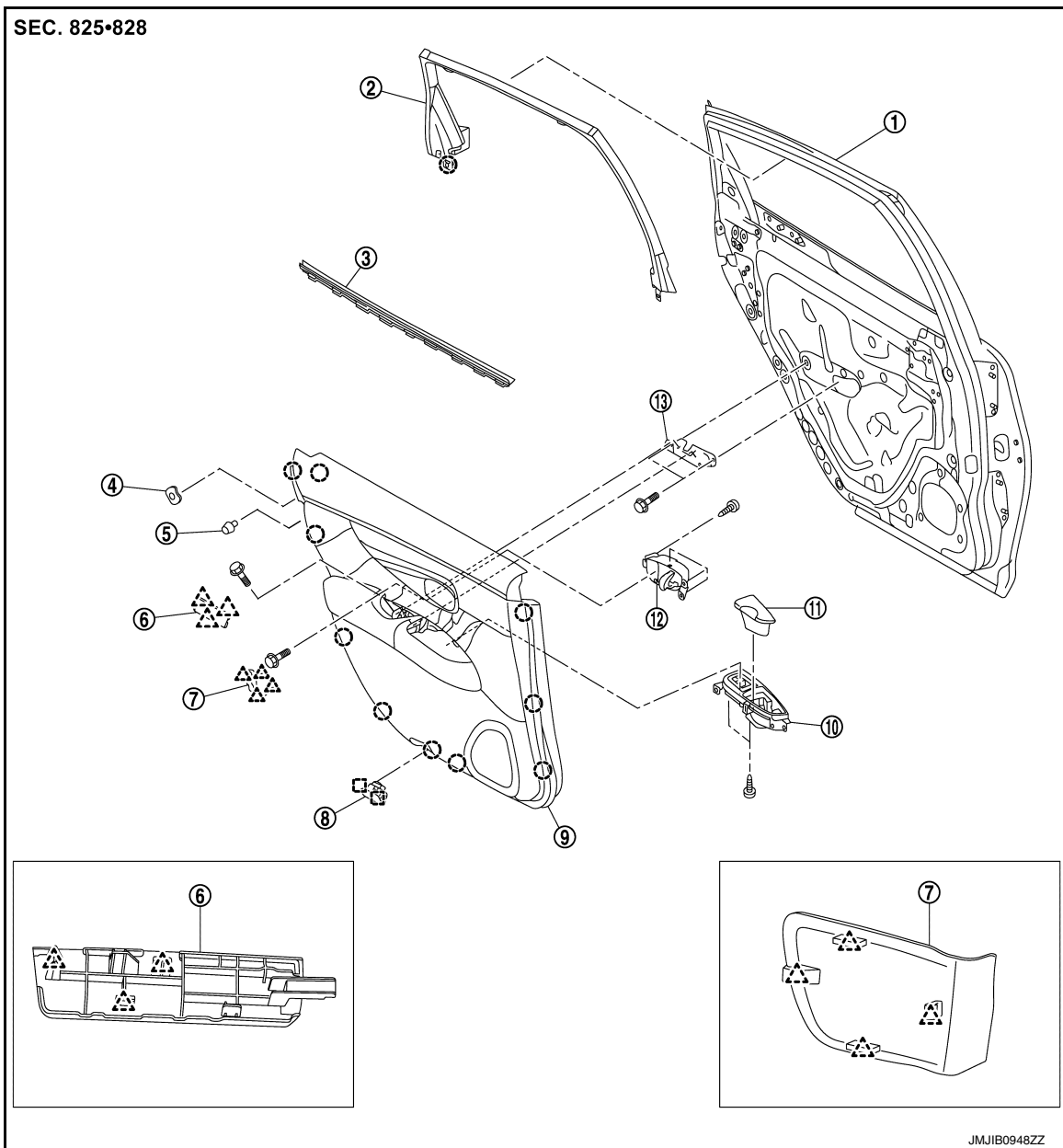
- : Clip
- △ : Pawl

Long wheel base models

A
B
C
D
E
F
G
H
I
INT
K
L
M
N
O
P

REAR DOOR FINISHER

< REMOVAL AND INSTALLATION >



- | | | |
|-----------------------------|-------------------------------|--------------------------|
| 1. Rear door panel | 2. Rear door sash inner cover | 3. Rear door inside seal |
| 4. Child lock cover | 5. Bumper rubber | 6. Armrest cap |
| 7. Inside handle escutcheon | 8. Step lamp | 9. Rear door finisher |
| 10. Power window switch | 11. Ashtray | 12. Inside handle |
| 13. Pull handle bracket | | |

○ : Clip

△ : Pawl

□ : Metal clip

REAR DOOR FINISHER

REAR DOOR FINISHER : Removal and Installation

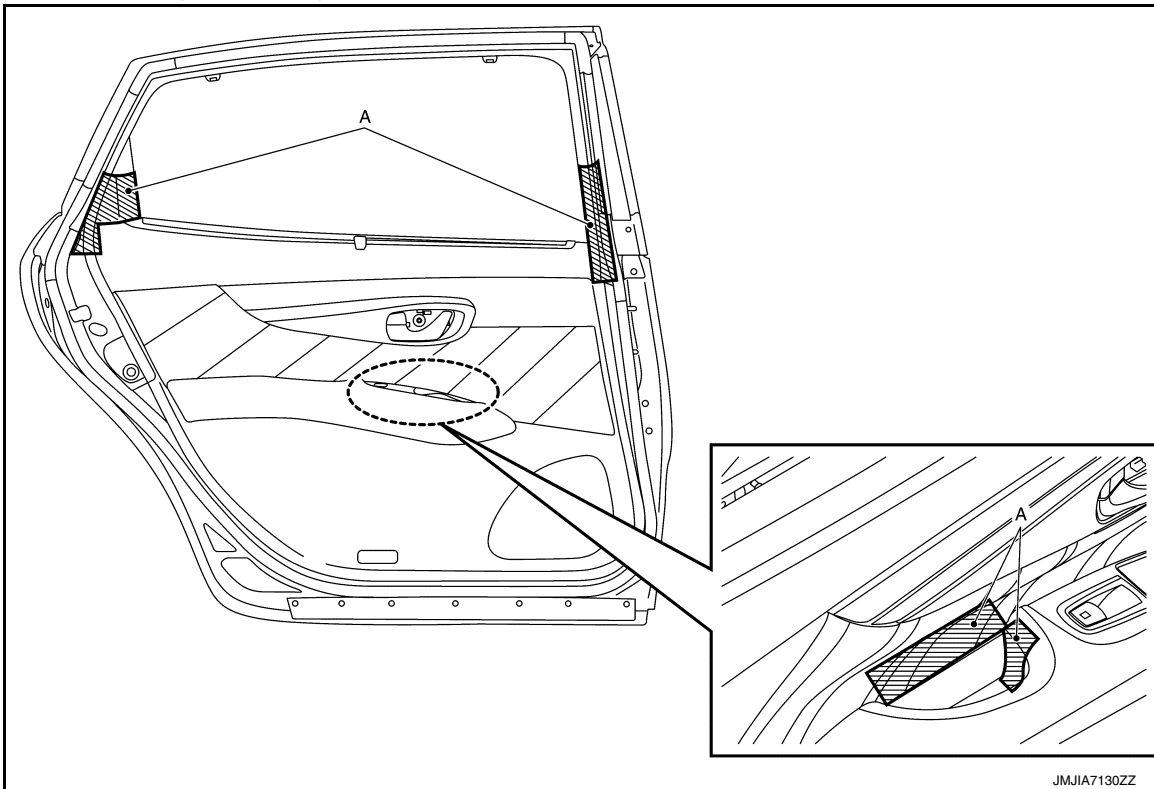
INFOID:000000012347354

CAUTION:

REAR DOOR FINISHER

< REMOVAL AND INSTALLATION >

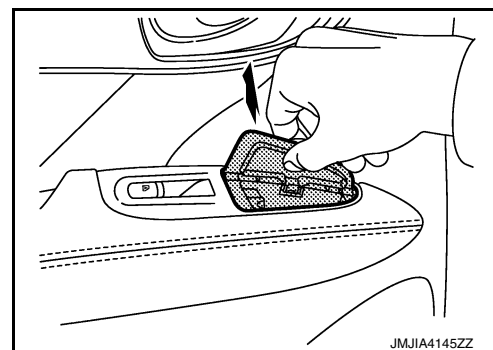
- Apply protective tape (A) to the area as shown in the figure to protect surrounding parts from damage while removing/ installing rear door finisher.



- When removing, always use a remover tool that is made of plastic to prevent damage to the parts.
- When using a remover tool, apply protective tape on tip of a remover tool to protect parts from damage.
- Never damage the rear door panel.

REMOVAL


1. Fully open door window.
2. Pull toward the direction of the arrow as shown in the figure to remove ashtray.

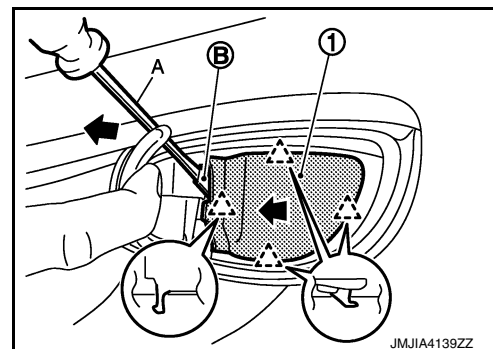


3. Remove inside handle escutcheon.
 - Insert a remover tool (A) between inside handle escutcheon (1) and inside handle and disengage fixing pawls.
 - Pull back inside handle escutcheon.

CAUTION:

Apply protective tape (B) to remover tool.

 : Pawl




4. Remove fixing screw located on back side of inside handle escutcheon.

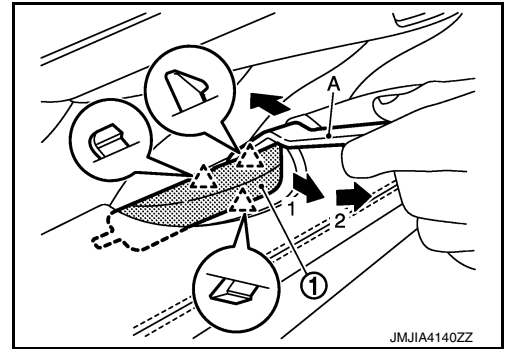
A
B
C
D
E
F
G
H
I
INT
K
L
M
N
O
P

REAR DOOR FINISHER

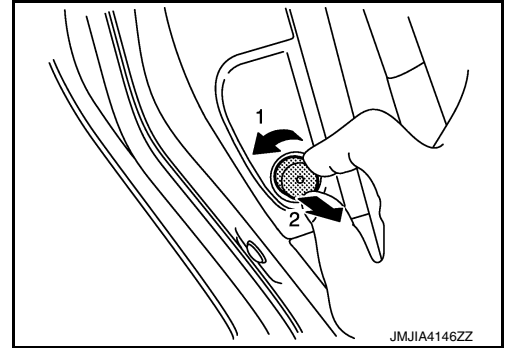
< REMOVAL AND INSTALLATION >

5. Remove armrest cap.
 - Insert a remover tool (A) between armrest cap (1) and rear door finisher and disengage fixing pawls.
 - Pull toward the direction of the arrow as shown in the figure to remove armrest cap.


 : Pawl

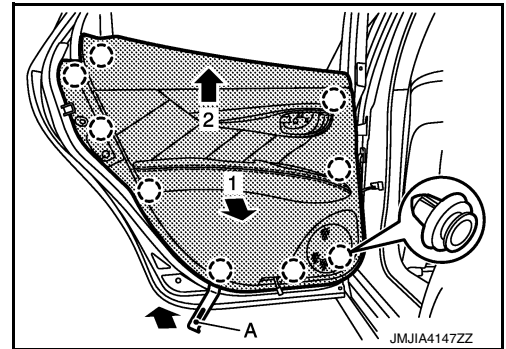


6. Remove fixing screws located on the back side of armrest.
7. Rotate bumper rubber to left side, and pull back to remove.




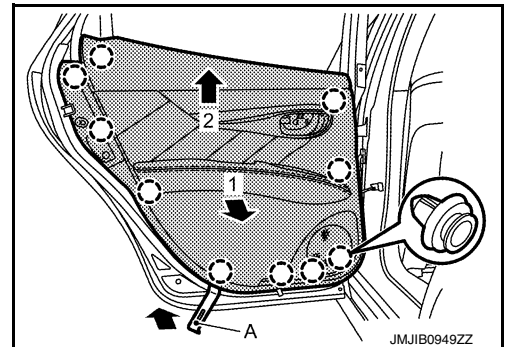
8. Remove step lamp.
 - Short wheel base models: Refer to [INL-81, "Removal and Installation"](#).
 - Long wheel base models: Refer to [INL-166, "Removal and Installation"](#).
9. Insert a remover tool (A) between the rear door finisher and rear door panel to disengage fixing clips, and then pull out rear door finisher and pull up toward vehicle inside.
 - Short wheel base models

 : Clip



- Long wheel base models

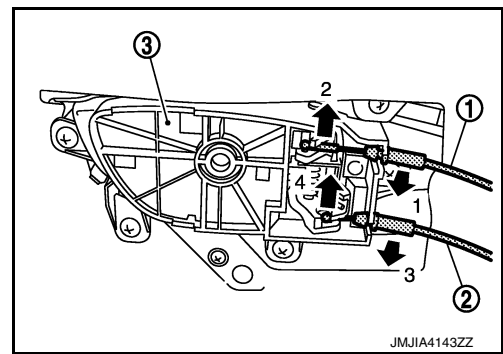
 : Clip



REAR DOOR FINISHER

< REMOVAL AND INSTALLATION >

10. Disconnect lock knob cable (1) and inside handle cable (2) from inside handle (3).



11. Disconnect rear power window switch harness connector.
12. Remove rear door finisher.
13. Remove as per the following list after removing rear door finisher.
 - Child lock cover
 - Rear power window switch. Refer to [PWC-75, "Removal and Installation"](#).
 - Inside handle. Refer to [DLK-218, "INSIDE HANDLE : Removal and Installation"](#).

INSTALLATION

Note the following item, and then install in the reverse order of removal.

CAUTION:

When installing, check in advance that clips are accurately aligned with the holes on door side, and then install by pressing in.

REAR DOOR SASH INNER COVER

REAR DOOR SASH INNER COVER : Removal and Installation

INFOID:000000012347355

CAUTION:

Never damage the door panel.

REMOVAL

1. Remove rear door finisher. Refer to [INT-34, "REAR DOOR FINISHER : Removal and Installation"](#).
2. Disengage rear door sash inner cover fixing clip, and then remove rear door sash inner cover.

INSTALLATION

Note the following item, and then install in the reverse order of removal.

CAUTION:

When installing, check in advance that clip is accurately aligned with the hole on door side, and then install by pressing in.

A
B
C
D
E
F
G
H
I
INT
K
L
M
N
O
P

BODY SIDE TRIM

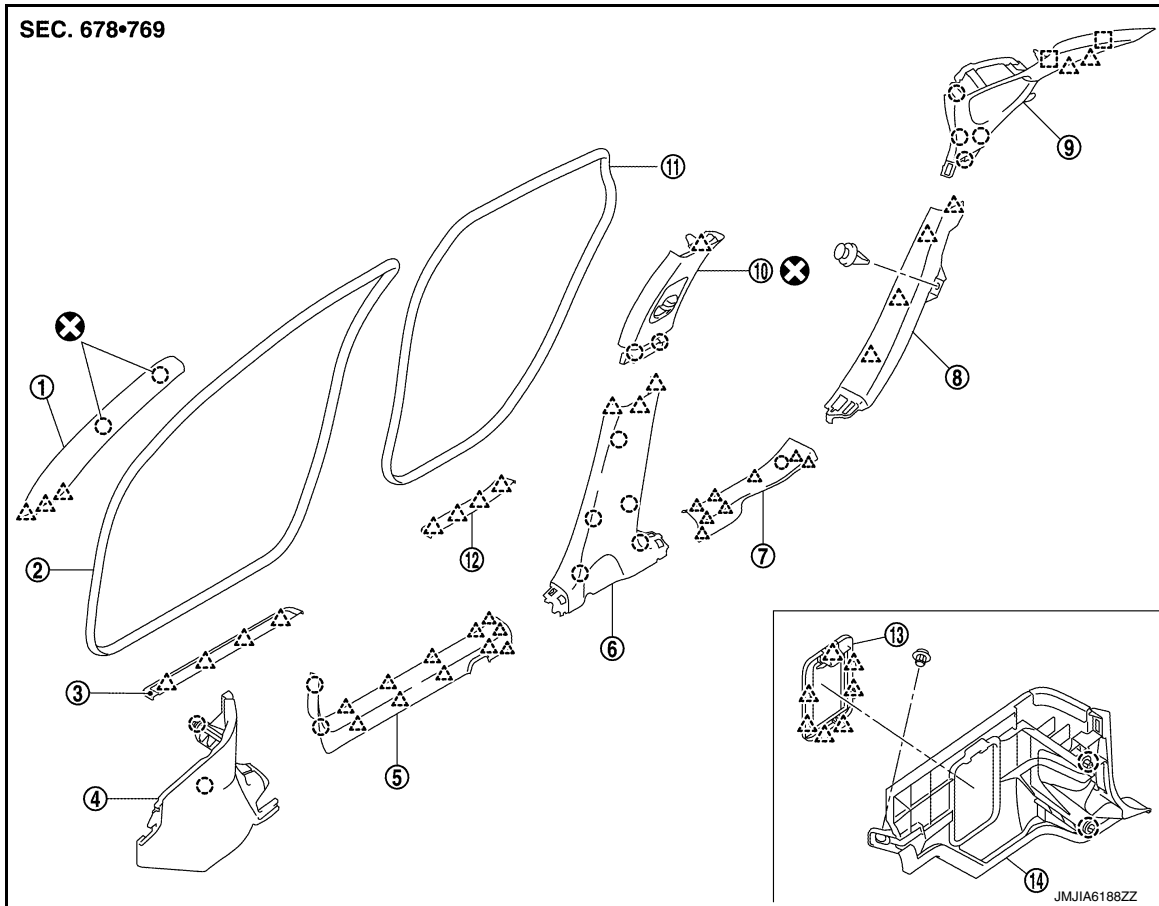
< REMOVAL AND INSTALLATION >

BODY SIDE TRIM

Exploded View

INFOID:000000012347356

Short wheel base models



- | | | |
|---------------------------------|------------------------------|--------------------------------|
| 1. Front pillar garnish | 2. Front body side welt | 3. Front kicking plate outer |
| 4. Dash side finisher RH | 5. Front kicking plate inner | 6. Center pillar lower garnish |
| 7. Rear kicking plate inner | 8. Rear wheel house garnish | 9. Rear pillar finisher |
| 10. Center pillar upper garnish | 11. Rear body side welt | 12. Rear kicking plate outer |
| 13. Fuse lid (Driver side only) | 14. Dash side finisher LH | |

○ : Clip

△ : Pawl

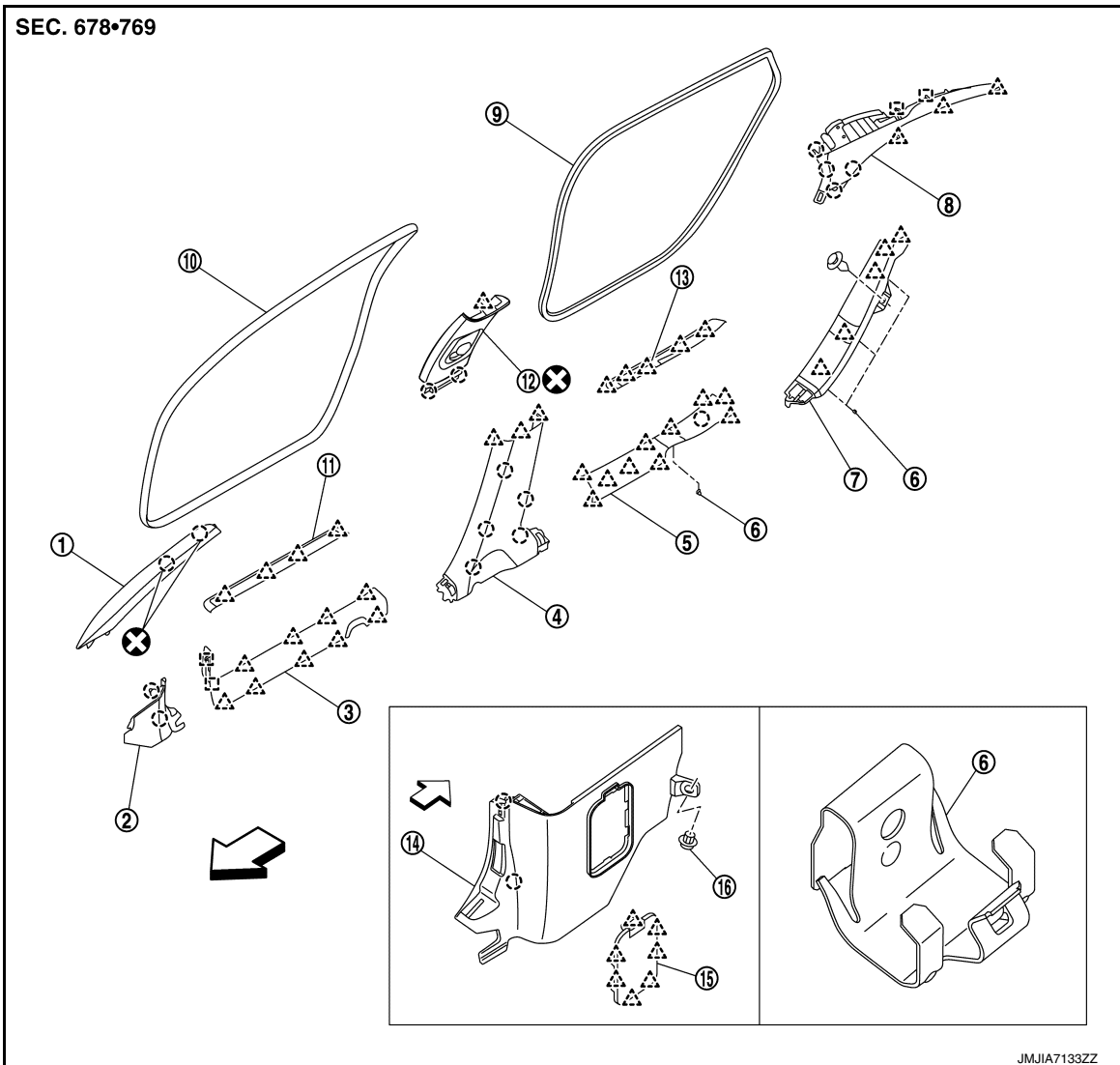
□ : Metal clip

⊗ : Always replace after every disassembly.

Long wheel base models

BODY SIDE TRIM

< REMOVAL AND INSTALLATION >



- | | | |
|--------------------------------|-------------------------------|---------------------------------|
| 1. Front pillar garnish | 2. Dash side finisher RH | 3. Front kicking plate inner |
| 4. Center pillar lower garnish | 5. Rear kicking plate inner | 6. Metal clip |
| 7. Rear wheel house garnish | 8. Rear pillar finisher | 9. Rear body side welt |
| 10. Front body side welt | 11. Front kicking plate outer | 12. Center pillar upper garnish |
| 13. Rear kicking plate outer | 14. Dash side finisher LH | 15. Fuse lid (Driver side only) |
| 16. Clip | | |

○ : Clip

△ : Pawl

□ : Metal clip

← : Vehicle front

⊗ : Always replace after every disassembly.

FRONT PILLAR GARNISH

FRONT PILLAR GARNISH : Removal and Installation

INFOID:0000000012347357

CAUTION:

- When removing, always use a remover tool that is made of plastic to prevent damage to the parts.
- Never damage the body.

REMOVAL

A
B
C
D
E
F
G
H
I
INT
K
L
M
N
O
P

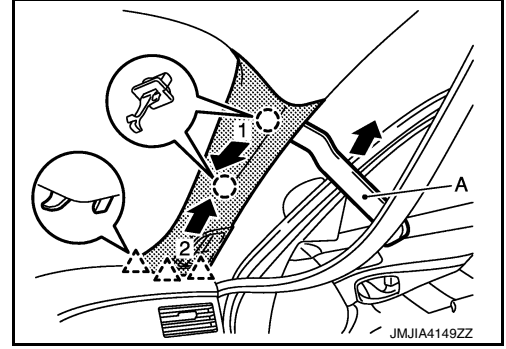
BODY SIDE TRIM

< REMOVAL AND INSTALLATION >

1. Remove front body side welt partially.
2. Insert a remover tool (A) into the clearance between front pillar garnish and vehicle body to make work space, and then cut the clip anchor.

○ : Clip anchor

△ : Pawl



3. Pull up front pillar garnish to remove.

INSTALLATION

Note the following items, and then install in the reverse order of removal.

CAUTION:

- Replace clip anchor with a new part after removal.
- When installing, check in advance that clip anchor are accurately aligned with the holes on body side, and then install by pressing in.

KICKING PLATE OUTER

KICKING PLATE OUTER : Removal and Installation

INFOID:000000012347358

CAUTION:

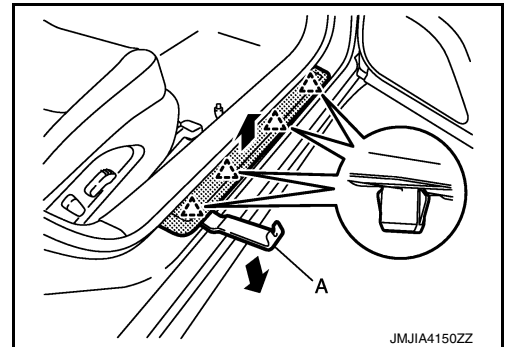
- When removing, always use a remover tool that is made of plastic to prevent damage to the parts.
- Never damage the body.

REMOVAL

Front Kicking Plate Outer

1. Insert a remover tool (A) between front kicking plate outer and body panel to disengage fixing pawls.
2. Pull up front kicking plate outer to remove.

△ : Pawl

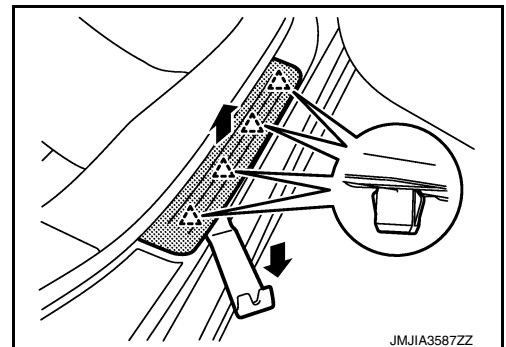


Rear Kicking Plate Outer

1. Insert a remover tool between rear kicking plate outer and body panel to disengage fixing pawls.
2. Pull up rear kicking plate outer to remove.

- Short wheel base models.


△ : Pawl

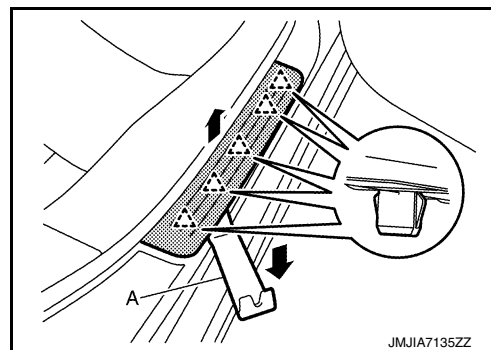


BODY SIDE TRIM

< REMOVAL AND INSTALLATION >

- Long wheel base models.

 : Pawl
A : Remover tool



INSTALLATION

Note the following item, and then install in the reverse order of removal.

CAUTION:

When installing, check in advance that pawls are accurately aligned with the holes on body side, and then install by pressing in.

KICKING PLATE INNER

KICKING PLATE INNER : Removal and Installation

INFOID:0000000012347359

CAUTION:

- **When removing, always use a remover tool that is made of plastic to prevent damage to the parts.**
- **Never damage the body.**

REMOVAL

Front Kicking Plate Inner

1. Pull front kicking plate inner toward vehicle inside and disengage fixing pawl on area (A) as shown in the figure.
2. Using a remover tool (D), disengage fixing clip and pawls according to the numerical order on area (B) as shown in the figure.

CAUTION:

Apply protective tape (E) on the parts to protect it from damage.

3. Pull front kicking plate inner toward vehicle rear, disengage fixing clip on area (C) as shown in the figure, and then remove front kicking plate inner.

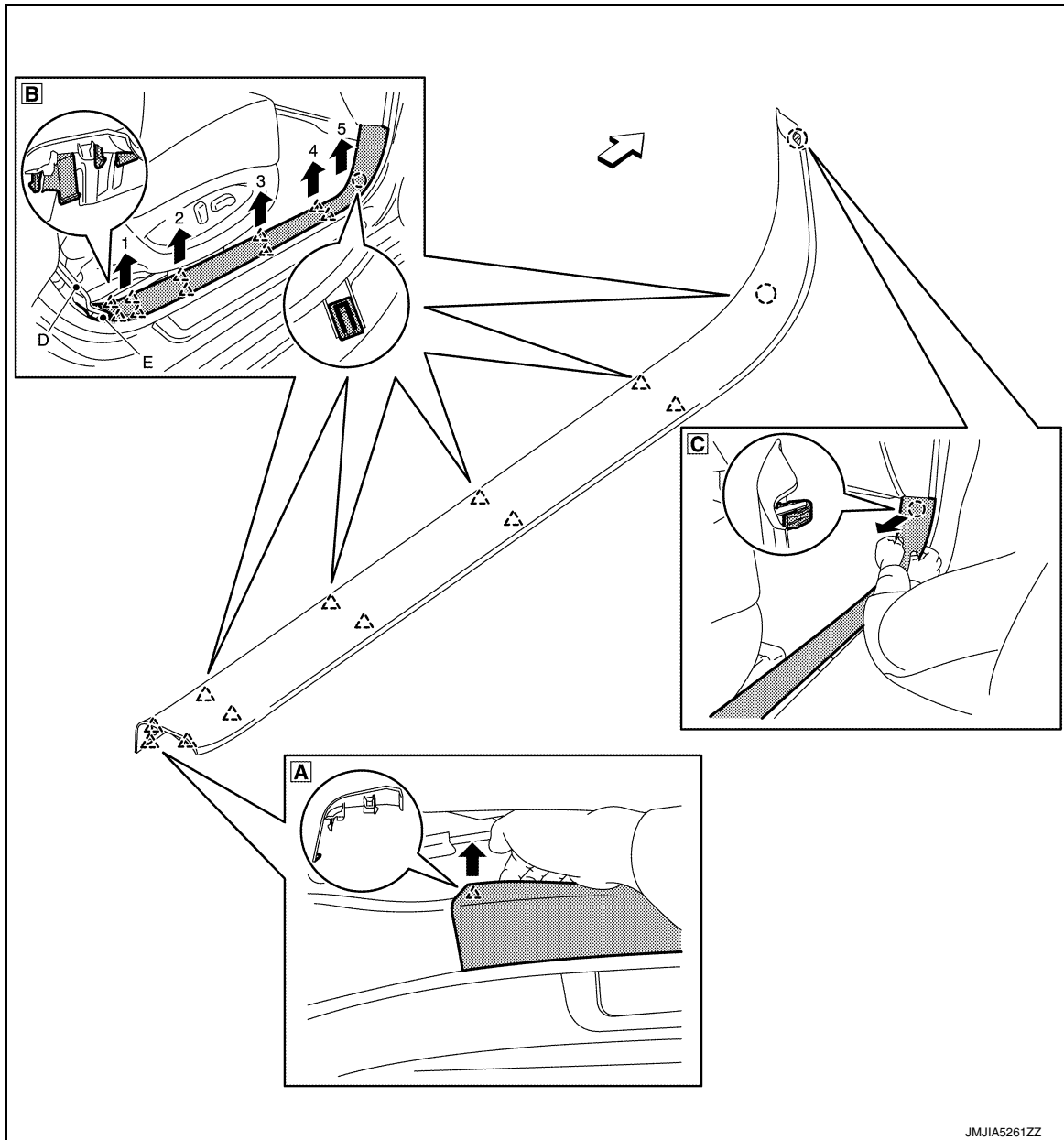
CAUTION:

A
B
C
D
E
F
G
H
I
INT
K
L
M
N
O
P

BODY SIDE TRIM

< REMOVAL AND INSTALLATION >

Be careful not to damage center pillar lower garnish when pulling front kicking plate inner toward vehicle rear.



- : Clip
- △ : Pawl
- ← : Vehicle front

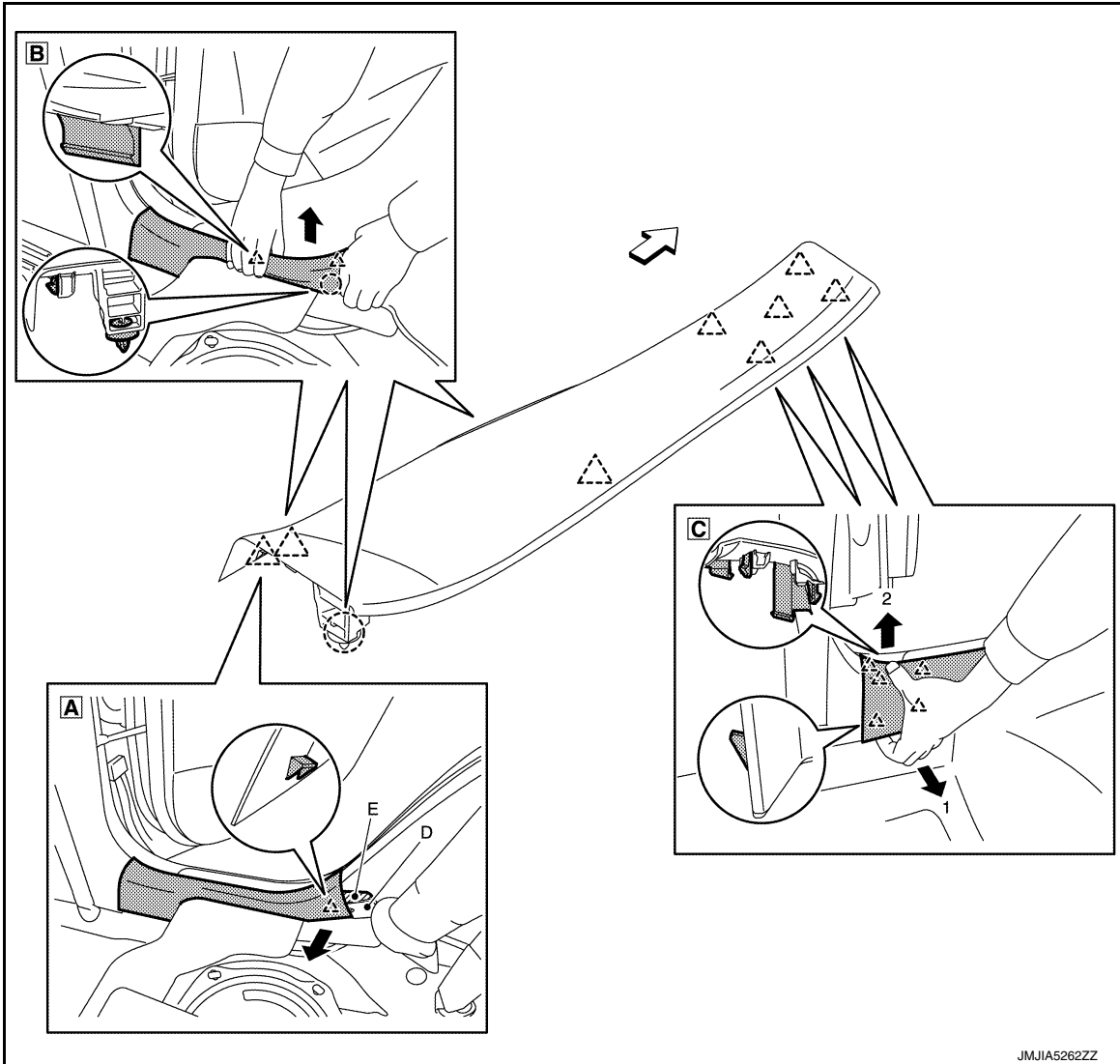
Rear Kicking Plate Inner

1. Remove rear seat cushion. Refer to [SE-135, "Removal and Installation"](#).
2. Using a remover tool (D), disengage fixing pawl on area (A) as shown in the figure.
CAUTION:
Apply protective tape (E) on the parts to protect it from damage.
3. Lift up rear kicking plate inner toward vehicle upper and disengage fixing clip and pawls on area (B) as shown in the figure.
4. Lift up rear kicking plate inner toward vehicle upper while pulling it toward vehicle inner, disengage fixing pawls located on area (C) as shown in the figure, and then remove rear kicking plate inner.

BODY SIDE TRIM

< REMOVAL AND INSTALLATION >

- Short wheel base models.



- : Clip
- △ : Pawl
- ← : Vehicle front

A
B
C
D
E
F
G
H
I

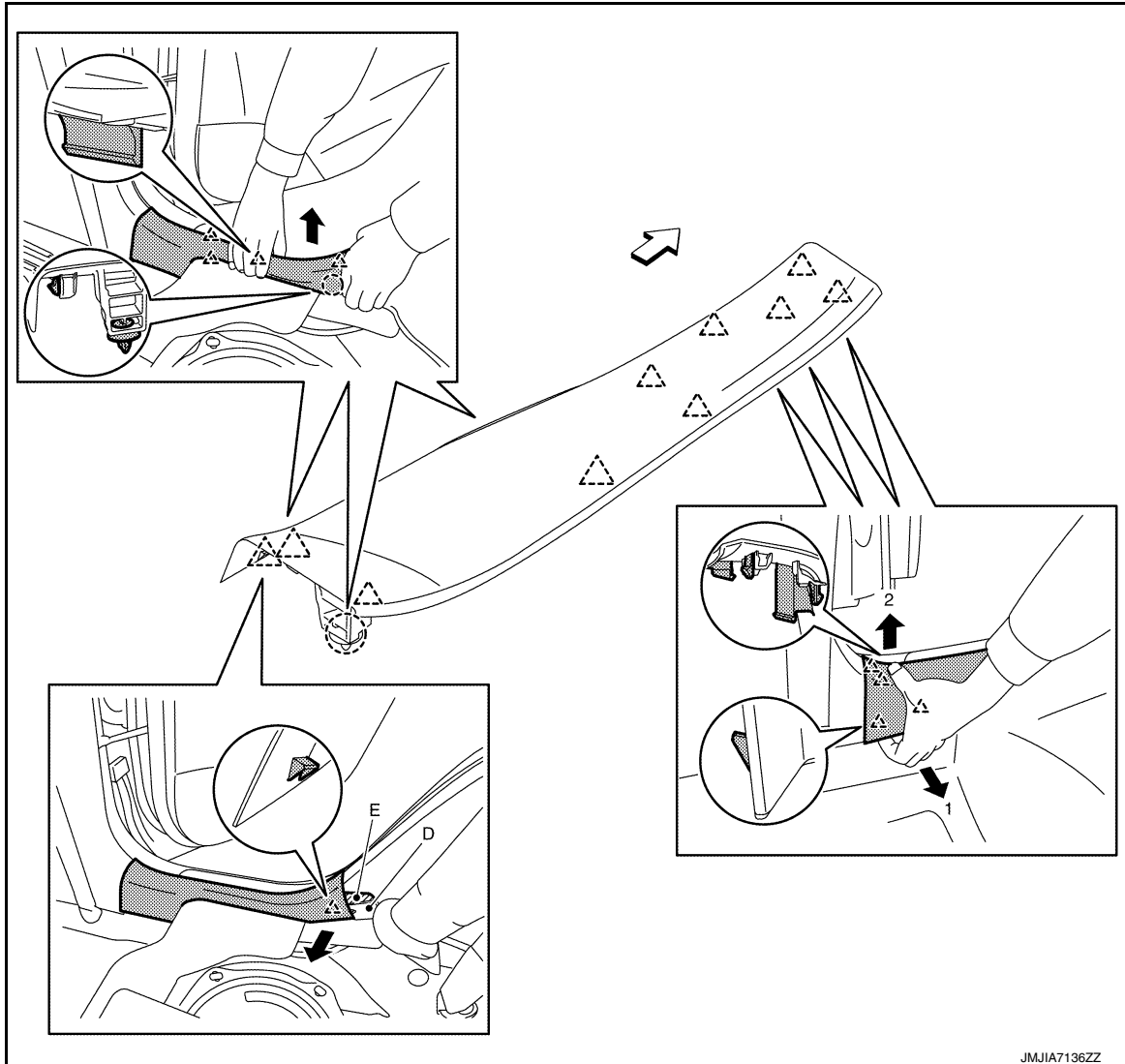
INT

K
L
M
N
O
P

BODY SIDE TRIM

< REMOVAL AND INSTALLATION >

- Long wheel base models.



- : Clip
- △ : Pawl
- ← : Vehicle front

INSTALLATION

Note the following items, and then install in the reverse order of removal.

CAUTION:

- Check that watertight packing is attached to clip.
- When installing, check that all clips and pawls are securely fitted in panel holes on body, and then press clips and pawls in.

DASH SIDE FINISHER

DASH SIDE FINISHER : Removal and Installation

INFOID:000000012347360

CAUTION:

- When removing, always use a remover tool that is made of plastic to prevent damage to the parts.
- Never damage the body.


DRIVER SIDE (DASH SIDE FINISHER LH)

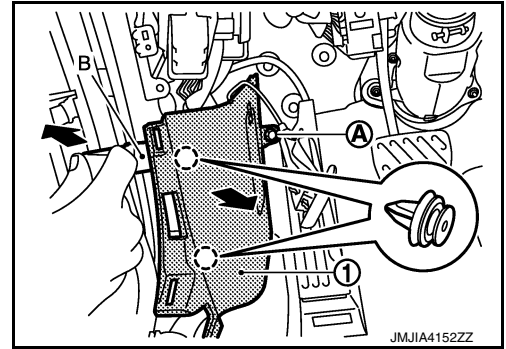
Removal

BODY SIDE TRIM

< REMOVAL AND INSTALLATION >

1. Remove front kicking plate inner LH. Refer to [INT-41, "KICKING PLATE INNER : Removal and Installation"](#).
2. Remove fixing clip (A).
3. Insert remover tool (B) between dash side finisher (1) and body side panel to disengage fixing clips.

 : Clip



4. Pull back dash side finisher LH to remove.

Installation

Note the following item, and then install in the reverse order of removal.


CAUTION:

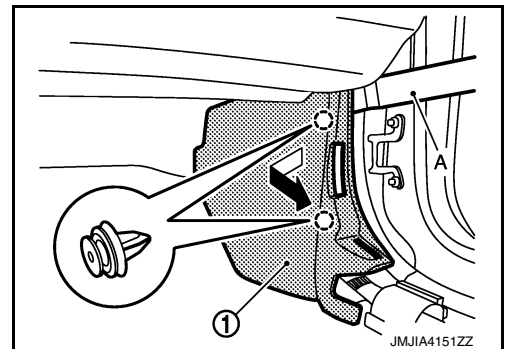
When installing, check that all clips are securely fitted in panel holes on body, and then press clips in.

PASSENGER SIDE (DASH SIDE FINISHER RH)

Removal

1. Remove front kicking plate inner RH. Refer to [INT-41, "KICKING PLATE INNER : Removal and Installation"](#).
2. Remove instrument lower cover. Refer to [IP-13, "Removal and Installation"](#).
3. Insert remover tool (A) between dash side finisher RH (1) and body side panel to disengage fixing clips.

 : Clip



4. Pull back dash side finisher RH to remove.

Installation

Note the following item, and install in the reverse order of removal.

CAUTION:

When installing, check that all clips are securely fitted in panel holes on body, and then press clips in.

BODY SIDE WELT

BODY SIDE WELT : Removal and Installation

INFOID:000000012347361

CAUTION:

- Never excessively pull body side welt.
- Never damage the body.

REMOVAL

Front Body Side Welt

1. Remove front kicking plate inner and rear kicking plate inner. Refer to [INT-41, "KICKING PLATE INNER : Removal and Installation"](#).
2. Remove center pillar lower garnish. Refer to [INT-46, "CENTER PILLAR LOWER GARNISH : Removal and Installation"](#).

BODY SIDE TRIM

< REMOVAL AND INSTALLATION >

3. Remove center pillar upper garnish. Refer to [INT-46, "CENTER PILLAR UPPER GARNISH : Removal and Installation"](#).
4. Remove front body side welt.

Rear Body Side Welt

1. Remove front kicking plate inner and rear kicking plate inner. Refer to [INT-41, "KICKING PLATE INNER : Removal and Installation"](#).
2. Remove center pillar lower garnish. Refer to [INT-46, "CENTER PILLAR LOWER GARNISH : Removal and Installation"](#).
3. Remove center pillar upper garnish. Refer to [INT-46, "CENTER PILLAR UPPER GARNISH : Removal and Installation"](#).
4. Remove rear body side welt.

INSTALLATION

Install in the reverse order of removal.

CENTER PILLAR LOWER GARNISH

CENTER PILLAR LOWER GARNISH : Removal and Installation

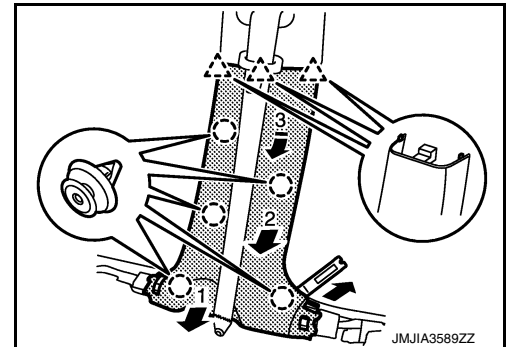
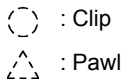
INFOID:000000012347362

CAUTION:

- When removing, always use a remover tool that is made of plastic to prevent damage to the parts.
- Never damage the body.

REMOVAL

1. Remove front kicking plate inner and rear kicking plate inner. Refer to [INT-41, "KICKING PLATE INNER : Removal and Installation"](#).
2. Insert a remover tool between body panel and center pillar lower garnish to disengage fixing clips and pawls as shown in the figure.
3. Pull back center pillar lower garnish to remove.



INSTALLATION

Note the following item, and then install in the reverse order of removal.

CAUTION:

When installing, check in advance that clips are accurately aligned with the holes on body side, and then install by pressing in.

CENTER PILLAR UPPER GARNISH

CENTER PILLAR UPPER GARNISH : Removal and Installation

INFOID:000000012347363

CAUTION:

- When removing, always use a remover tool that is made of plastic.
- Never damage the body.

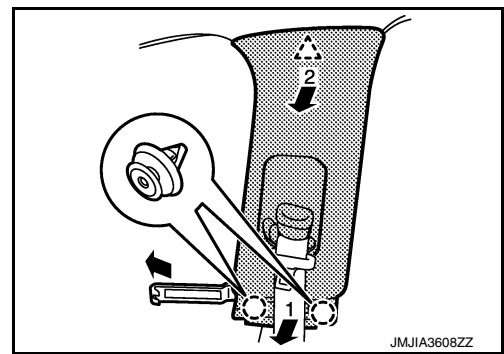
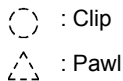
REMOVAL

1. Remove center pillar lower garnish. Refer to [INT-46, "CENTER PILLAR LOWER GARNISH : Removal and Installation"](#).
2. Remove front seat belt retractor mounting anchor bolt. Refer to [SB-8, "SEAT BELT RETRACTOR : Removal and Installation"](#).

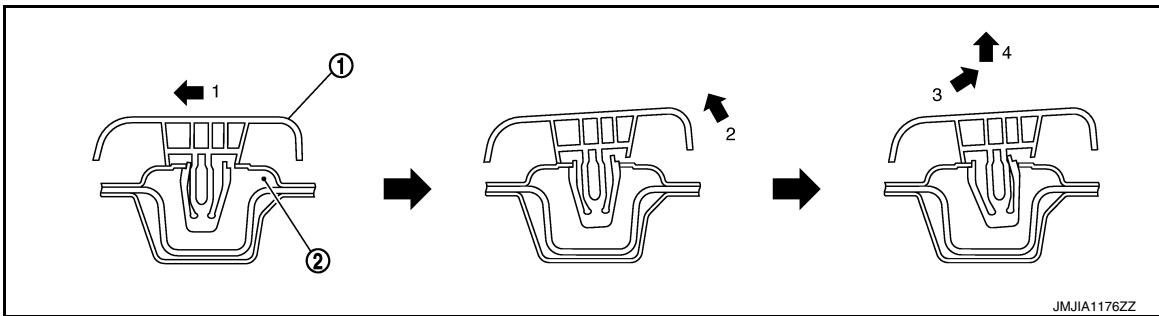
BODY SIDE TRIM

< REMOVAL AND INSTALLATION >

- Remove center pillar upper garnish fixing clips with a remover tool.



- Pull center pillar upper garnish from inside passenger room, and then disengage the pawl shown in the figure to remove the garnish from the vehicle.



CAUTION:

Be careful not to apply excessive force when removing center pillar upper garnish. Otherwise, pawl may be damaged and fragments may drop in panel holes on body.

INSTALLATION

Note the following items, and then install in the reverse order of removal.

CAUTION:

- Replace center pillar upper garnish with a new part after removal. Never reuse center pillar upper garnish.
- Check that clips and pawl are securely fitted in panel holes on body when installing, and then press clips and pawl in.

REAR WHEEL HOUSE GARNISH

REAR WHEEL HOUSE GARNISH : Removal and Installation

INFOID:000000012347364

CAUTION:

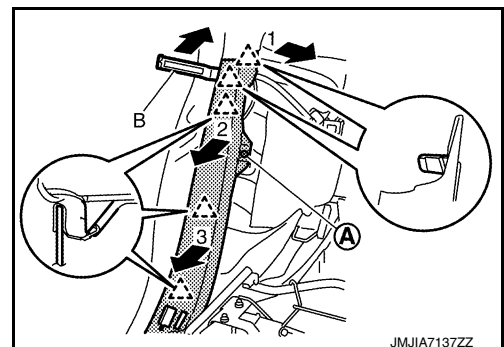
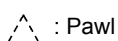
- When removing, always use a remover tool that is made of plastic to prevent damage to the parts.
- Never damage the body.

REMOVAL

- Remove rear seat cushion and rear seatback. Refer to [SE-135. "Removal and Installation"](#).
- Remove rear seat belt retractor anchor bolt (LH and RH). Refer to [SB-15. "SEAT BELT RETRACTOR : Removal and Installation"](#).
- Remove rear kicking plate inner. Refer to [INT-41. "KICKING PLATE INNER : Removal and Installation"](#).
- Remove fixing clip (A).
- Insert a remover tool (B) between rear wheel house garnish and body panel to disengage fixing pawls as shown in the figure.

NOTE:

Remove according to the steps indicated in the figure to avoid damaging the fixing pawls.



BODY SIDE TRIM

< REMOVAL AND INSTALLATION >

6. Remove rear wheel house garnish from the body panel.

INSTALLATION

Note the following item, and then install in the reverse order of removal.

CAUTION:

When installing, check in advance that pawls are accurately aligned with the holes on body side, and then install by pressing in.

REAR PILLAR FINISHER

REAR PILLAR FINISHER : Removal and Installation

INFOID:000000012347365

CAUTION:

- When removing, always use a remover tool that is made of plastic to prevent damage to the parts.
- Never damage the body.

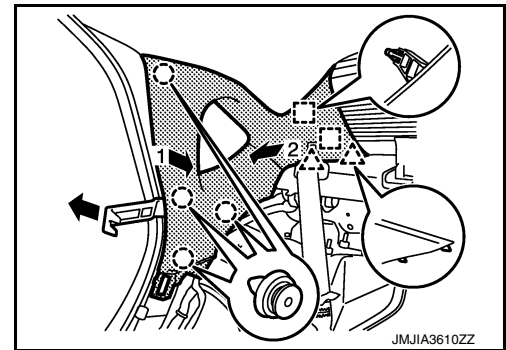
REMOVAL

1. Remove rear seat cushion and rear seatback. Refer to [SE-135, "Removal and Installation"](#).
2. Remove rear kicking plate inner. Refer to [INT-41, "KICKING PLATE INNER : Removal and Installation"](#).
3. Remove rear body side welt from rear pillar finisher side. Refer to [INT-45, "BODY SIDE WELT : Removal and Installation"](#).
4. Remove rear wheel house garnish. Refer to [INT-47, "REAR WHEEL HOUSE GARNISH : Removal and Installation"](#).
5. Remove rear seat belt retractor anchor bolt (LH and RH). Refer to [SB-15, "SEAT BELT RETRACTOR : Removal and Installation"](#).
6. Insert a remover tool between rear pillar finisher and body side panel to disengage fixing clips, pawls, and metal clips.

NOTE:

Remove according to the steps indicated in the figure to avoid damaging rear pillar finisher.

- : Clip
- △ : Pawl
- : Metal clip

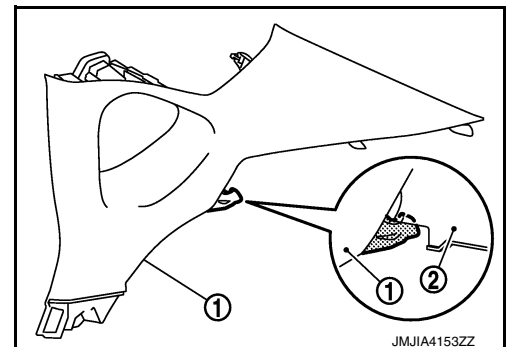


INSTALLATION

Note the following items, and then install in the reverse order of removal.

CAUTION:

- When installing, check in advance that clips and metal clips are accurately aligned with the holes on body side, and then install by pressing in.
- When installing, check that pawl of rear pillar finisher (1) is engaged to rear parcel shelf finisher (2).



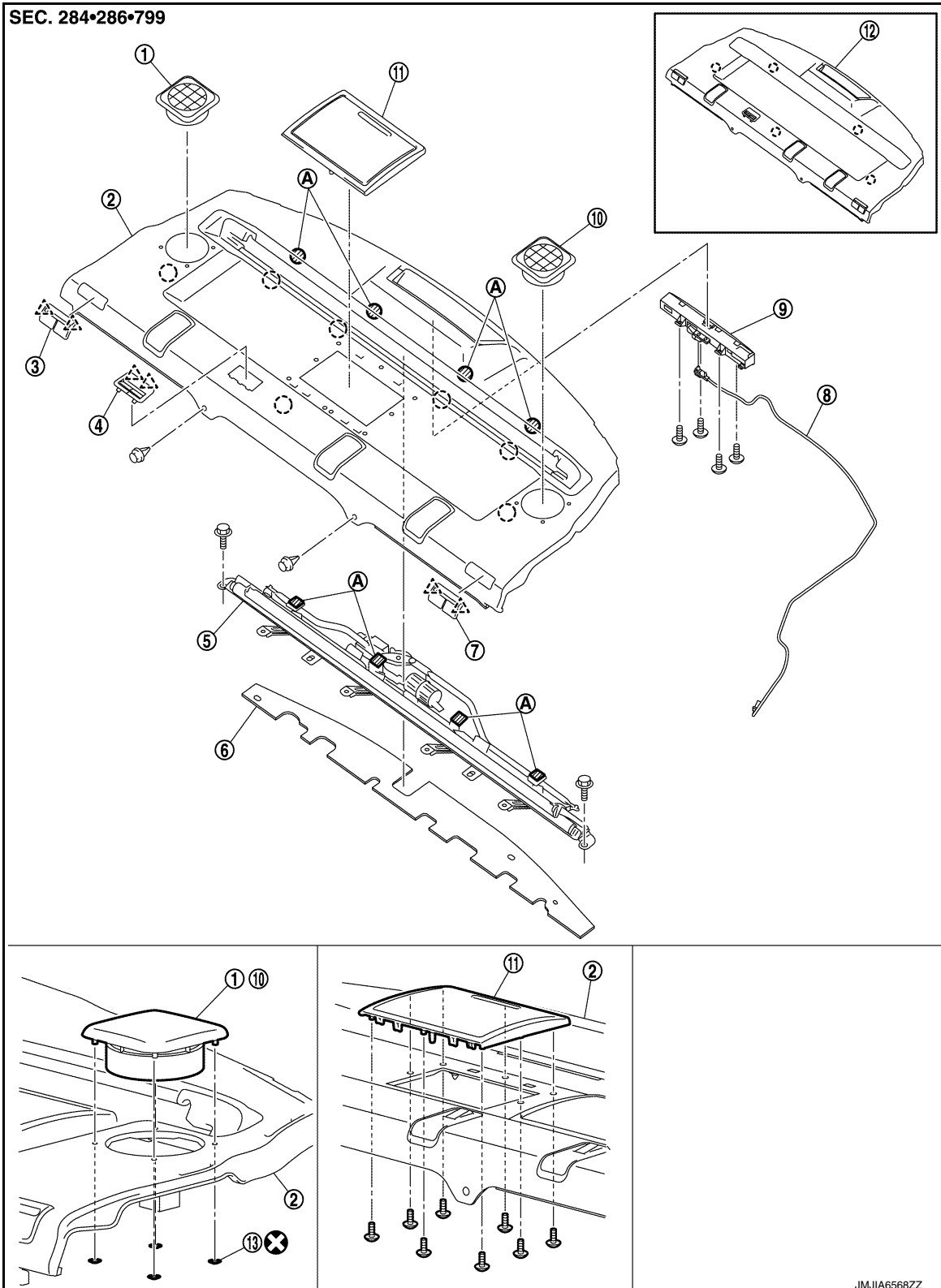
REAR PARCEL SHELF FINISHER

< REMOVAL AND INSTALLATION >

REAR PARCEL SHELF FINISHER

Exploded View

INFOID:000000012347366



- 1. Satellite speaker grille RH
- 4. Seat belt finisher center

- 2. Rear parcel shelf finisher*1
- 5. Rear sunshade assembly

- 3. Seat belt finisher RH
- 6. Felt

A
B
C
D
E
F
G
H
I
INT
K
L
M
N
O
P

REAR PARCEL SHELF FINISHER

< REMOVAL AND INSTALLATION >

- | | | |
|---------------------------------|---------------------------------------|----------------------------------|
| 7. Seat belt finisher LH | 8. High-mounted stop lamp sub harness | 9. High-mounted stop lamp |
| 10. Satellite speaker grille LH | 11. Woofer grille | 12. Rear parcel shelf finisher*2 |
| 13. Push on nut | | |

A : Dual-lock fastener

○ : Clip

△ : Pawl

⊗ : Always replace after every disassembly.

*1: With REAR SUNSHADE models

*2: Without REAR SUNSHADE models

Removal and Installation

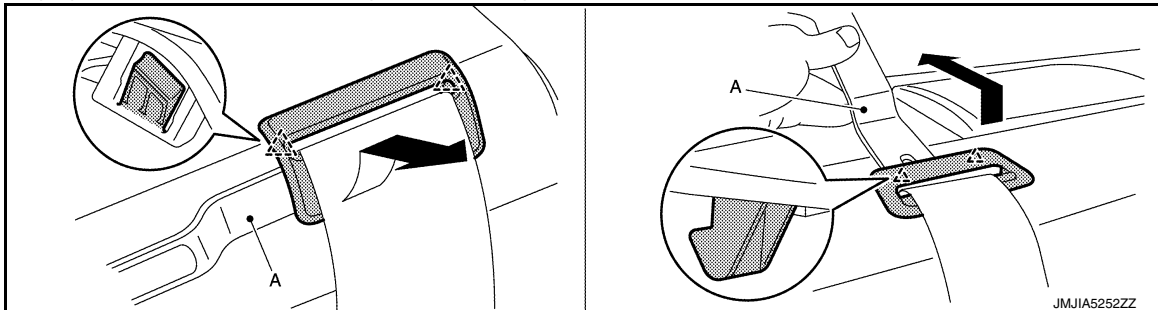
INFOID:000000012347367

CAUTION:

- When removing, always use a remover tool that is made of plastic to prevent damage to the parts.
- Never damage the body.

REMOVAL

1. Remove rear seatback and rear seat cushion. Refer to [SE-135. "Removal and Installation"](#)
2. Remove rear kicking plate inner (LH and RH). Refer to [INT-41. "KICKING PLATE INNER : Removal and Installation"](#).
3. Remove rear wheel house garnish (LH and RH). Refer to [INT-47. "REAR WHEEL HOUSE GARNISH : Removal and Installation"](#).
4. Remove rear pillar finisher (LH and RH). Refer to [INT-48. "REAR PILLAR FINISHER : Removal and Installation"](#).
5. Disengage seat belt finisher fixing pawls using a remover tool (A), and then remove seat belt finisher.

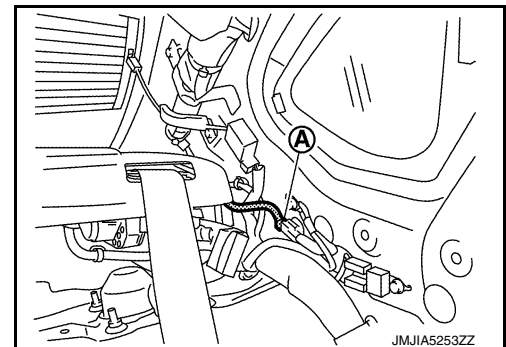


Seat belt finisher (LH and RH)

Seat belt finisher center

△ : Pawl

6. Disconnect high-mounted stop lamp harness connector (A).

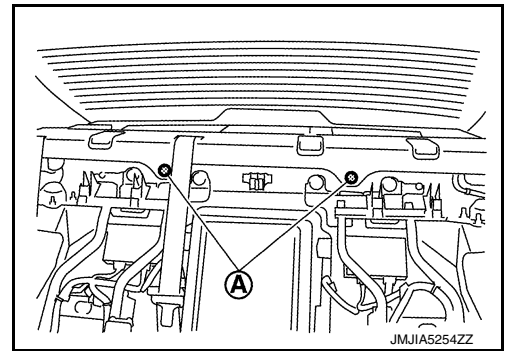


JMJIA5253ZZ

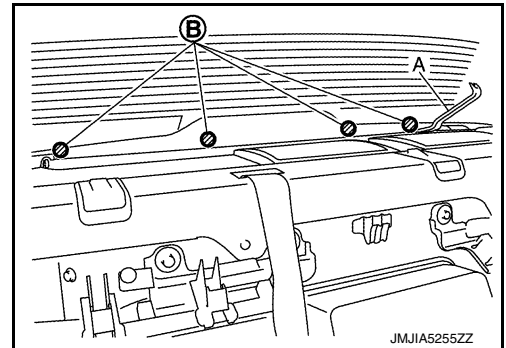
REAR PARCEL SHELF FINISHER

< REMOVAL AND INSTALLATION >

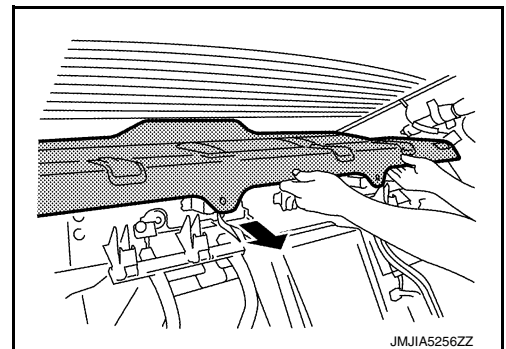
7. Disengage fixing clips (A) on the back side of rear parcel shelf finisher.



8. Disengage rear parcel shelf finisher fixing dual-lock fasteners (B) using a remover tool (A). (With REAR SUNSHADE models)



9. Remove rear seat belt floor anchor bolts. Refer to [SB-15, "SEAT BELT RETRACTOR : Removal and Installation"](#).
10. Remove rear seat belt floor anchor and pass it through rear parcel shelf finisher.
11. Pull rear parcel shelf finisher toward vehicle front without interfering with child anchor, and then remove rear parcel shelf finisher.



12. Remove the following parts after removing the rear parcel shelf finisher.
- Rear woofer grille.
 - Intake grille
 - Rear speaker grille.

CAUTION:

Remove rear speaker grille fixing push on nut with a new parts after removal. Never reuse satellite speaker grille fixing push on nut.

INSTALLATION

Note the following items, and then install in the reverse order of removal.

CAUTION:

- **When installing, check in advance that clips are accurately aligned with the holes on body side, and then install by pressing in.**
- **Check the following after installation.**
 - **From inside passenger room, check that black print on rear window glass is visible.**
 - **From outside passenger room, check that there is a clearance between rear window glass and high-mounted stop lamp cover of approximately 5.0 mm (0.197 in).**
 - **From rear sunshade opening, check for engagement of pawls (models with sunshade).**

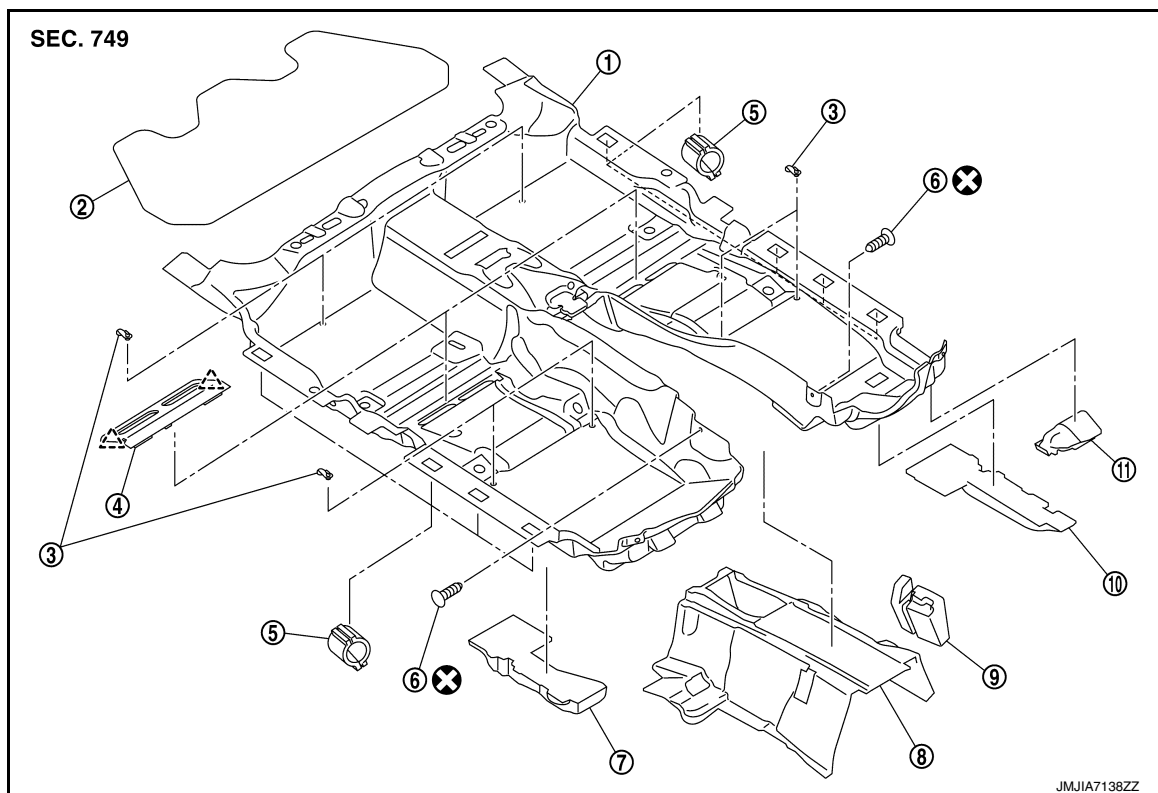
FLOOR TRIM

< REMOVAL AND INSTALLATION >


FLOOR TRIM


Exploded View

INFOID:000000012347368



- | | | |
|------------------------------|------------------------------|----------------------------|
| 1. Floor carpet assembly | 2. Floor insulator | 3. Carpet hook |
| 4. Rear heater duct finisher | 5. Harness clip | 6. Clip |
| 7. Front floor spacer RH | 8. Front floor center spacer | 9. Front floor side spacer |
| 10. Front floor spacer LH | 11. Footrest | |

 : Pawl

 : Always replace after every disassembly.

Removal and Installation

INFOID:000000012347369

CAUTION:

- When removing, always use a remover tool that is made of plastic to prevent damage to the parts.
- Never damage the body.


REMOVAL

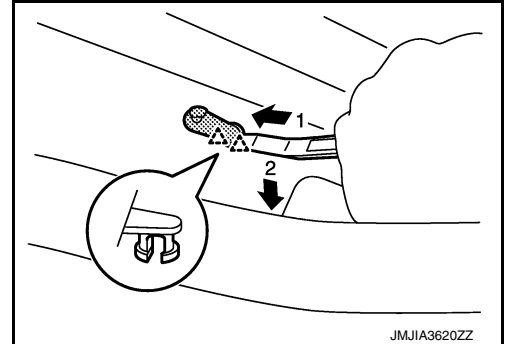
1. Remove front seat assembly (LH and RH). Refer to [SE-125, "Removal and Installation"](#).
2. Remove accelerator pedal assembly.
 - Models without distance control assist system: Refer to [ACC-4, "MODELS WITHOUT DISTANCE CONTROL ASSIST SYSTEM : Removal and Installation"](#).
 - Models with distance control assist system: Refer to [ACC-6, "MODELS WITH DISTANCE CONTROL ASSIST SYSTEM : Removal and Installation"](#).
3. Remove front kicking plate inner (LH and RH). Refer to [INT-41, "KICKING PLATE INNER : Removal and Installation"](#).
4. Remove dash side finisher (LH and RH). Refer to [INT-44, "DASH SIDE FINISHER : Removal and Installation"](#).
5. Remove front body side welt (LH and RH). Refer to [INT-45, "BODY SIDE WELT : Removal and Installation"](#).
6. Remove rear seat cushion. Refer to [SE-135, "Removal and Installation"](#).

FLOOR TRIM

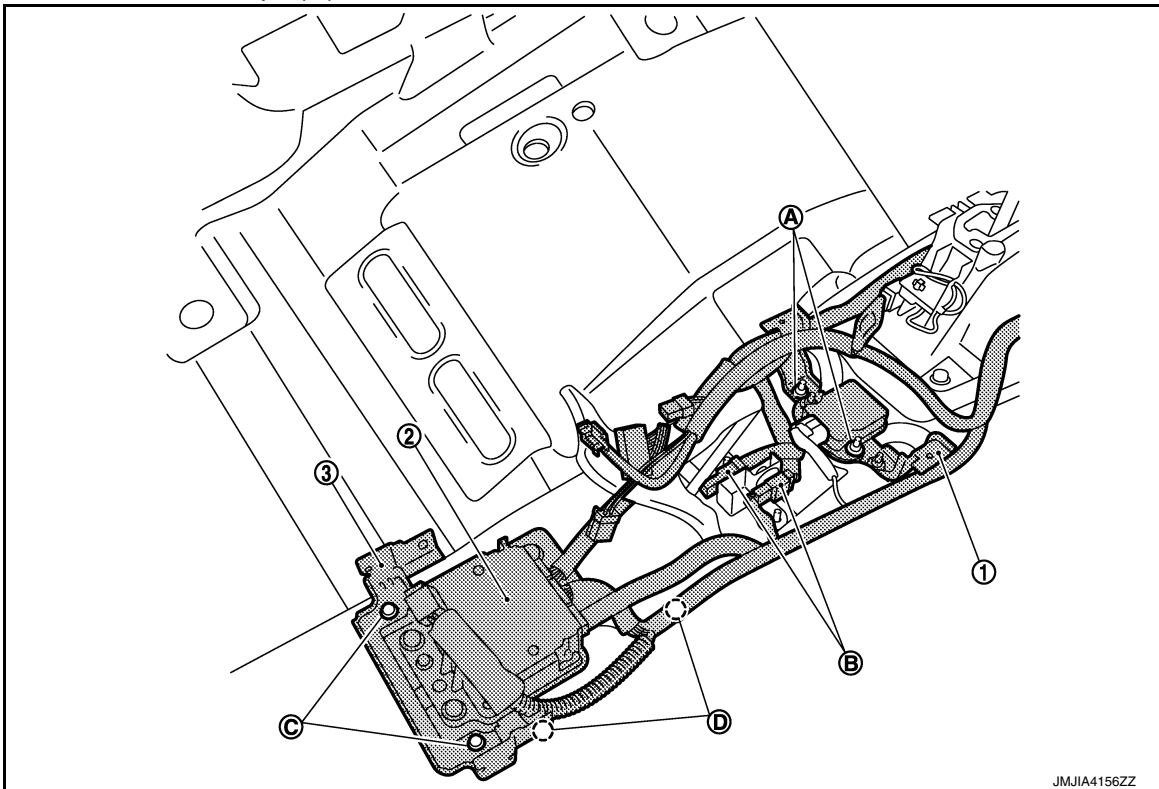
< REMOVAL AND INSTALLATION >


7. Remove rear kicking plate inner (LH and RH). Refer to [INT-41. "KICKING PLATE INNER : Removal and Installation"](#).
8. Remove center pillar lower garnish (LH and RH). Refer to [INT-46. "CENTER PILLAR LOWER GARNISH : Removal and Installation"](#).
9. Remove rear body side welt (LH and RH). Refer to [INT-45. "BODY SIDE WELT : Removal and Installation"](#).
10. Disengage fixing pawls of floor hook (1) using remover tool, and then remove floor hook.

 : Pawl



11. Remove front seat belt floor anchor bolts (LH and RH). Refer to [SB-8. "SEAT BELT RETRACTOR : Removal and Installation"](#).
12. Remove the following parts after removing the center console assembly.
 1. Remove bolts (A), and then remove console front bracket (1).
 2. Pull up floor carpet and disconnect harness connectors (B).
 3. Remove diagnosis sensor unit. Refer to [SR-25. "Removal and Installation"](#).
 4. Remove bolts (C), and then remove console rear bracket (3).
 5. Remove harness clips (D).



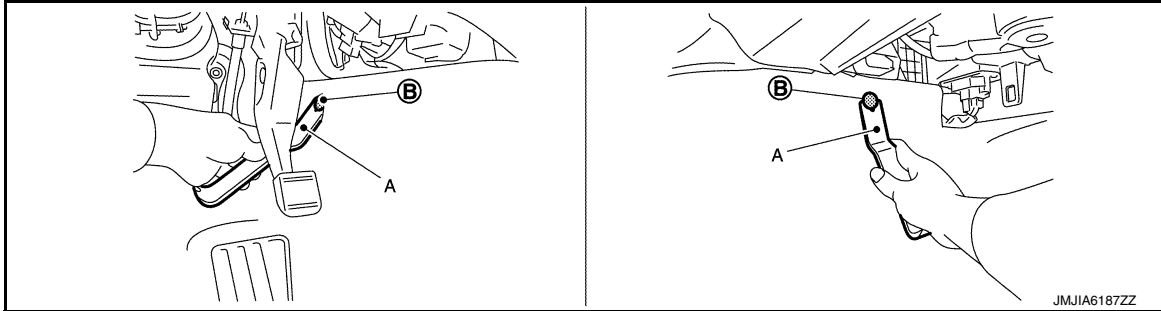
 : Clip

13. Remove center console assembly. Refer to [IP-24. "Removal and Installation"](#).

FLOOR TRIM

< REMOVAL AND INSTALLATION >


14. Remove floor carpet fixing clips (B) using a remover tool (A).

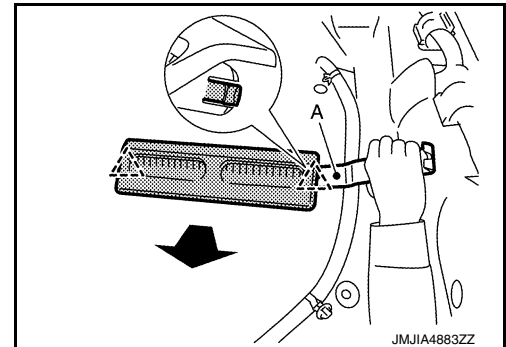


Driver side

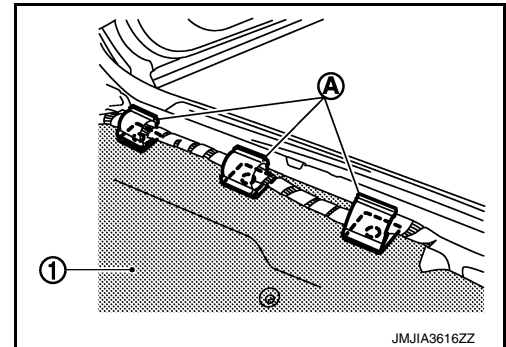
Passenger side

15. Disengage rear heater duct finisher fixing pawls using a remover tool (A), and then remove rear heater duct finisher.

 : Pawl



16. Remove floor carpet (1) from floor carpet fixing harness clips (A).



17. Pass each harness through a floor carpet opening, toward vehicle floor, so that each harness is free from floor carpet. Remove floor carpet from the vehicle body.

INSTALLATION

Note the following item, and then install in the reverse order of removal.

CAUTION:

Replace floor carpet fixing clip with a new part after removal. Never reuse floor carpet fixing clip.

HEADLINING

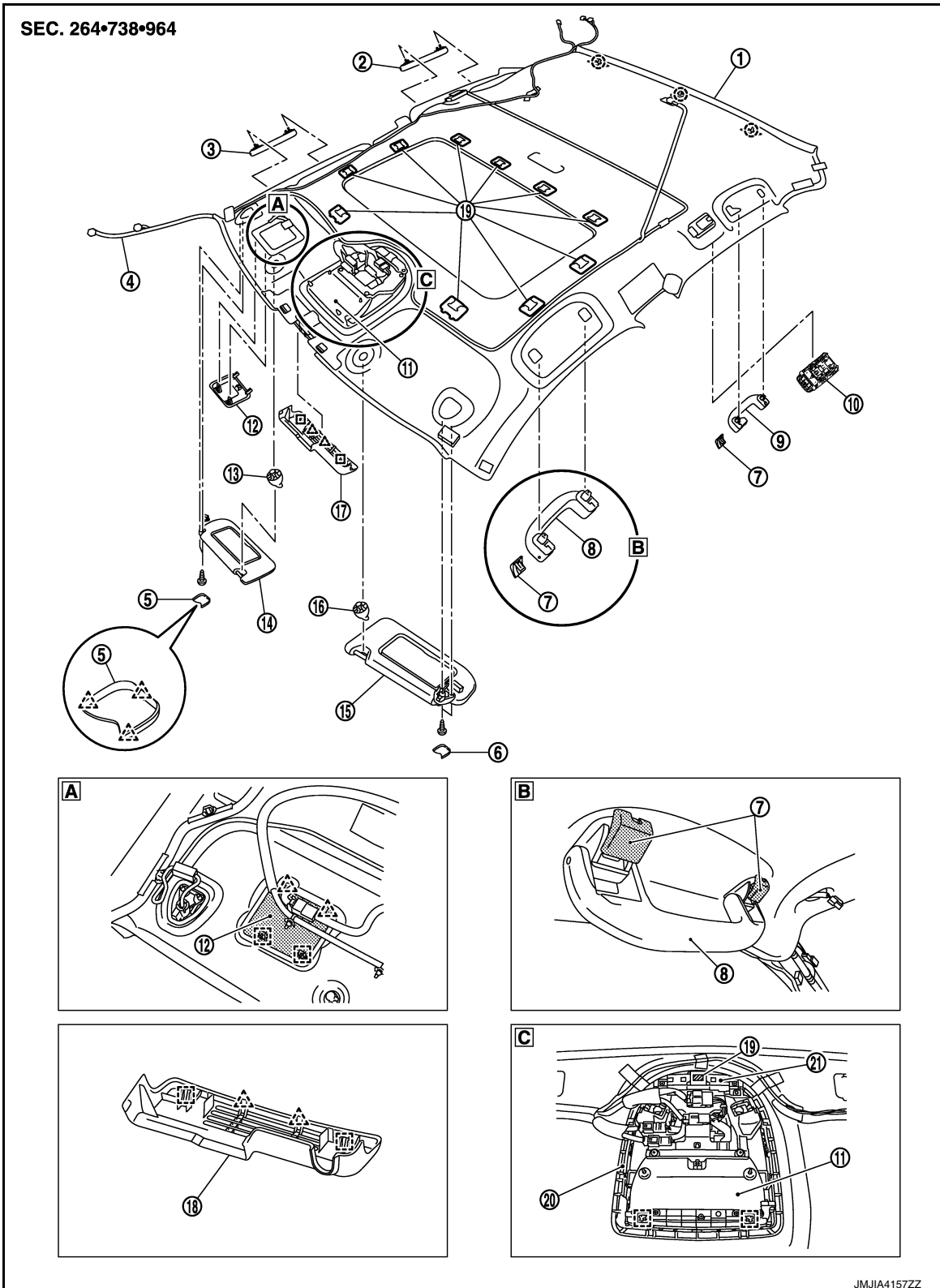
< REMOVAL AND INSTALLATION >

HEADLINING

Exploded View

INFOID:000000012347370

Short wheel base models



A

B

C

D

E

F

G

H

I

INT

K

L

M

N


O

P

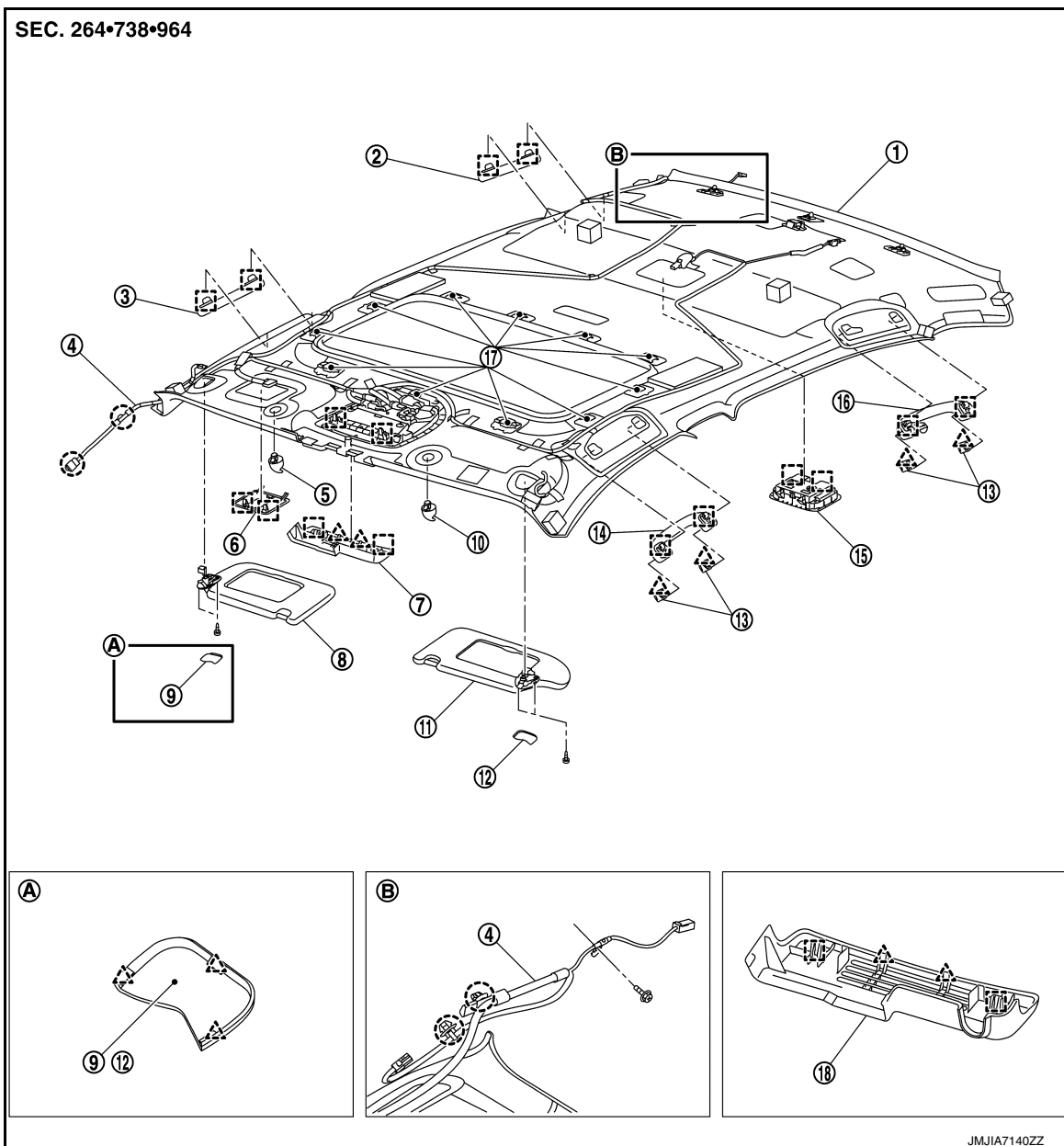
HEADLINING

< REMOVAL AND INSTALLATION >

- | | | |
|----------------------------|---|--|
| 1. Headlining assembly | 2. Rear assist grip RH | 3. Front assist grip RH |
| 4. Antenna feeder | 5. Sun visor cap RH | 6. Sun visor cap LH |
| 7. Assist grip clip | 8. Front assist grip LH | 9. Rear assist grip LH |
| 10. Personal lamp assembly | 11. Map lamp assembly | 12. Front roof finisher |
| 13. Sun visor holder RH | 14. Sun visor assembly RH | 15. Sun visor assembly LH |
| 16. Sun visor holder LH | 17. Front camera finisher (without LDW&LDP) | 18. Front camera finisher (with LDW&LDP) |
| 19. Dual lock fastener | 20. Map lamp back plate | 21. Map lamp bracket |

-  : Clip
-  : Pawl
-  : Metal clip

Long wheel base models



JMJIA7140ZZ

- | | | |
|------------------------|------------------------|-------------------------|
| 1. Headlining assembly | 2. Rear assist grip RH | 3. Front assist grip RH |
| 4. Antenna feeder | 5. Sun visor holder RH | 6. Front roof finisher |

HEADLINING

< REMOVAL AND INSTALLATION >

- | | | |
|---|---------------------------|---|
| 7. Front camera finisher
(without LDW&LDP) | 8. Sun visor assembly RH | 9. Sun visor cap RH |
| 10. Sun visor holder LH | 11. Sun visor assembly LH | 12. Sun visor cap LH |
| 13. Assist grip clip | 14. Front assist grip LH | 15. Rear spot lamp assembly |
| 16. Rear assist grip LH | 17. Dual lock fastener | 18. Front camera finisher
(with LDW&LDP) |

- : Clip
 △ : Pawl
 □ : Metal clip

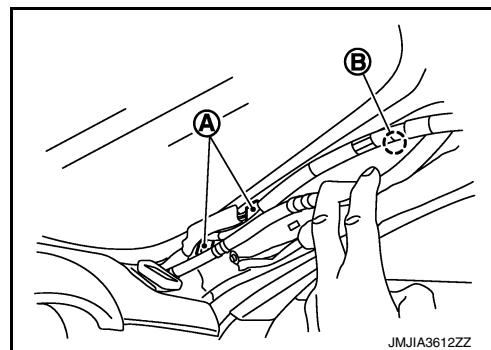
Removal and Installation

INFOID:000000012347371

REMOVAL

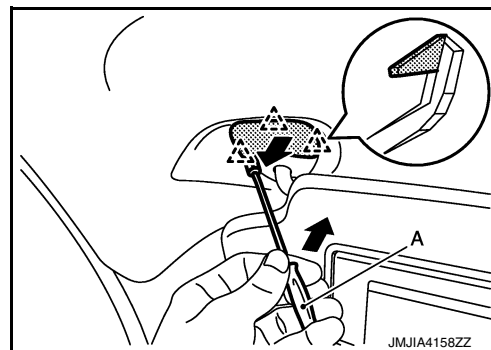
- Remove front seat assembly (LH and RH). Refer to [SE-125, "Removal and Installation"](#).
- Remove rear seat cushion and rear seatback. Refer to [SE-135, "Removal and Installation"](#).
- Remove center console assembly. Refer to [IP-24, "Removal and Installation"](#).
- Remove A/T shift selector.
 - 2WD models: Refer to [TM-186, "2WD : Removal and Installation"](#).
 - AWD models: Refer to [TM-188, "AWD : Removal and Installation"](#).
- Remove front kicking plate inner (LH and RH). Refer to [INT-41, "KICKING PLATE INNER : Removal and Installation"](#).
- Remove rear kicking plate inner (LH and RH). Refer to [INT-41, "KICKING PLATE INNER : Removal and Installation"](#).
- Remove front body side welt (LH and RH) and rear body side welt (LH and RH). Refer to [INT-45, "BODY SIDE WELT : Removal and Installation"](#).
- Remove front pillar garnish (LH and RH). Refer to [INT-39, "FRONT PILLAR GARNISH : Removal and Installation"](#).
- Disconnect roof harness connectors (A), and then remove harness clip (B) as shown in the figure.

- : Clip (harness clip)



- Remove sun visor assembly (LH and RH).
 - Insert a flat-bladed screwdriver (A) between sun visor cap and sun visor assembly, and disengage pawls.
 - Pull back sun visor cap (LH and RH) to remove.

- △ : Pawl

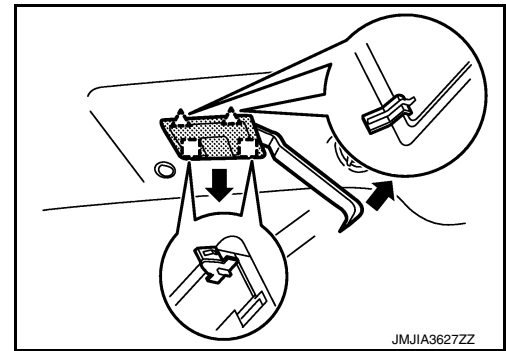
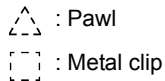


- Remove sun visor assembly fixing screws.
- Disconnect vanity mirror lamp harness connector.
- Remove front roof finisher.

HEADLINING

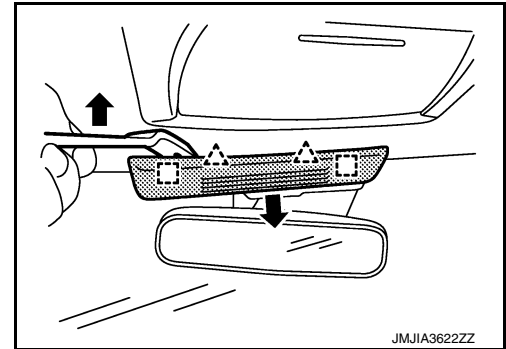
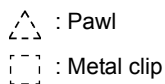
< REMOVAL AND INSTALLATION >

1. Insert a remover tool between front roof finisher and headlining, and disengage pawls and metal clips.
2. Pull down front roof finisher to remove.



12. Remove front camera finisher.

1. Insert a remover tool between front camera finisher and headlining, and disengage pawls and metal clips.
2. Pull down front camera finisher to remove.



13. Disconnect lane camera unit harness connector.

14. Remove rain sensor cover, and then disconnect harness connector. Refer to [WW-61. "Removal and Installation"](#).

15. Remove center pillar lower garnish (LH and RH). Refer to [INT-46. "CENTER PILLAR LOWER GARNISH : Removal and Installation"](#).

16. Remove center pillar upper garnish (LH and RH). Refer to [INT-46. "CENTER PILLAR UPPER GARNISH : Removal and Installation"](#).

17. Remove rear wheel house garnish (LH and RH). Refer to [INT-47. "REAR WHEEL HOUSE GARNISH : Removal and Installation"](#).

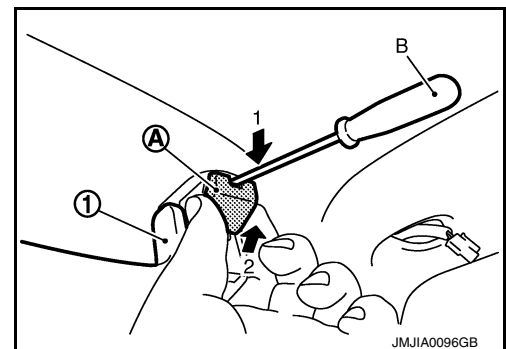
18. Remove rear pillar finisher (LH and RH). Refer to [INT-48. "REAR PILLAR FINISHER : Removal and Installation"](#).

19. Remove all assist grips.

1. Remove fixing pawl of assist grip clip (A) using a flat-bladed screwdriver (B), and then remove assist grip clip.
2. Remove assist grip (1).

NOTE:


When removing assist grip clip, metal clip remains on the vehicle body side.

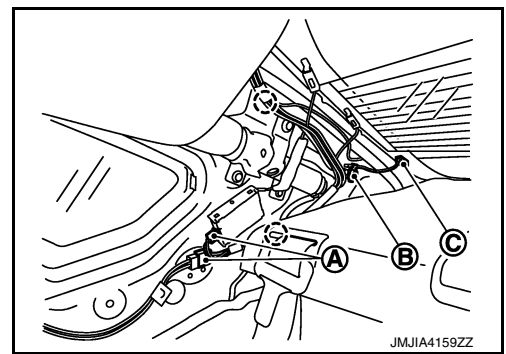


HEADLINING

< REMOVAL AND INSTALLATION >

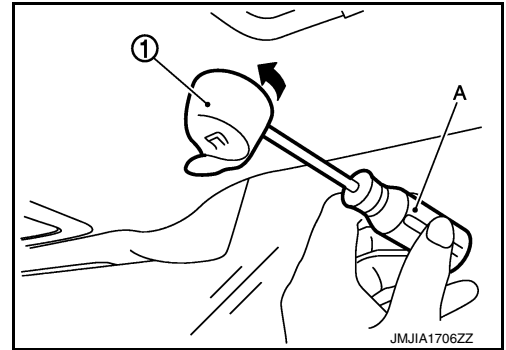
20. On the rear right side of the vehicle, disconnect the harness connector (A) and (C), and then remove the ground cable fixing bolt (B).
21. Remove harness clips.

 : Clip (harness clip)



22. Remove body side mounting plastic clip from rear end of headlining using a remover tool.
23. Remove sun-visor holder (LH and RH).


Insert a small flat-bladed screwdriver (A) into the hole of the sun-visor holder (1), press while rotating approximately 90 degrees to remove.

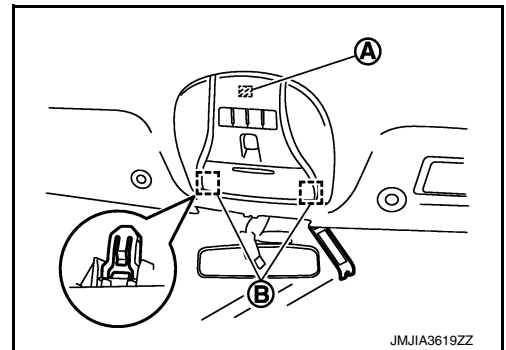


24. Remove rear spot lamp assembly. Refer to [INL-167, "Removal and Installation"](#). (for Long wheel base models)
25. Insert a remover tool between the headlining and roof panel, and disengage metal clips (B).
26. Pull down map lamp assembly to disengage joint dual-lock fastener (A).

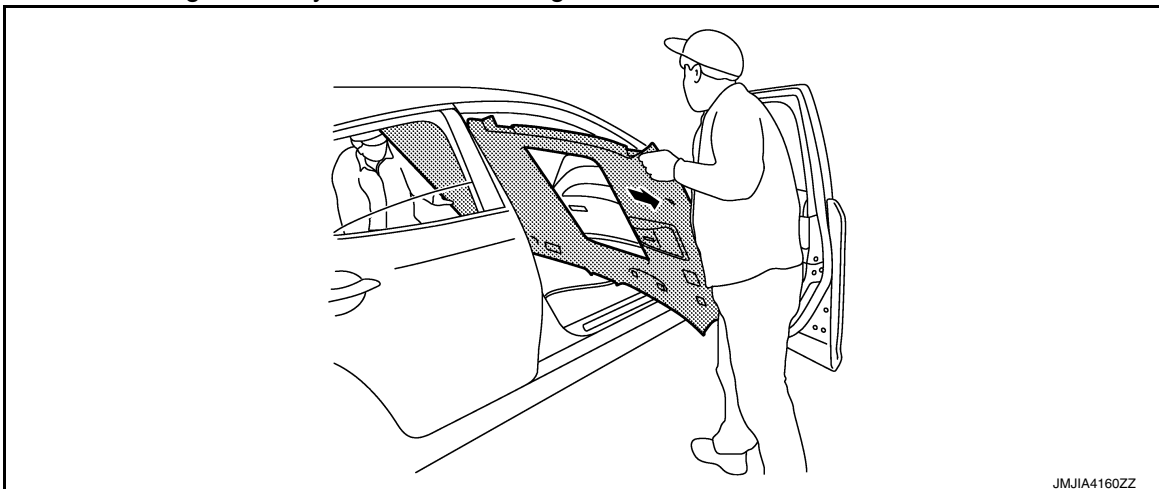
CAUTION:

- When removing, always use a remover tool that is made of plastic.
- Map lamp assembly is crimped from back of headlining.

 : Metal clip



27. Remove headlining assembly as shown in the figure below.



CAUTION:

- When removing, 2 workers are required. (1 for the front and rear of headlining)
- Apply protective tape to the portion where contact may occur during work.
- Never bend headlining when removing.

A
B
C
D
E
F
G
H
I
INT
K
L
M
N
O
P

HEADLINING

< REMOVAL AND INSTALLATION >

28. Remove the following parts after removing headlining.

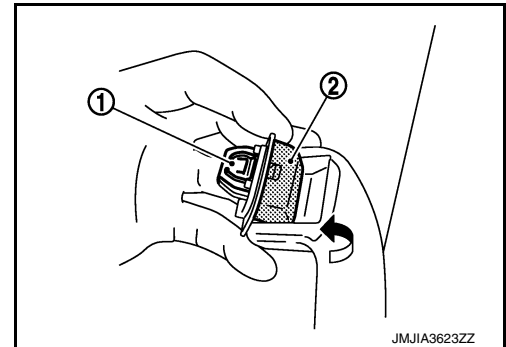
- Antenna feeder
Base audio without navigation: Refer to [AV-146, "Feeder Layout"](#).
BOSE audio with navigation: Refer to [AV-437, "Feeder Layout"](#).
- Personal lamp: Refer to [INL-82, "Removal and Installation"](#). (for Short wheel base models)
- Map lamp assembly
Short wheel base models: Refer to [INL-73, "Removal and Installation"](#).
Long wheel base models: Refer to [INL-157, "Removal and Installation"](#).

INSTALLATION

Note the following items, and then install in the reverse order of removal.

CAUTION:

- Install headlining assembly after inserting clips to clip holder of headlining rear end.
- Never bend headlining when installing.
- When installing assist grip, install metal clip (1) to assist grip clip (2), and then install to the vehicle body.



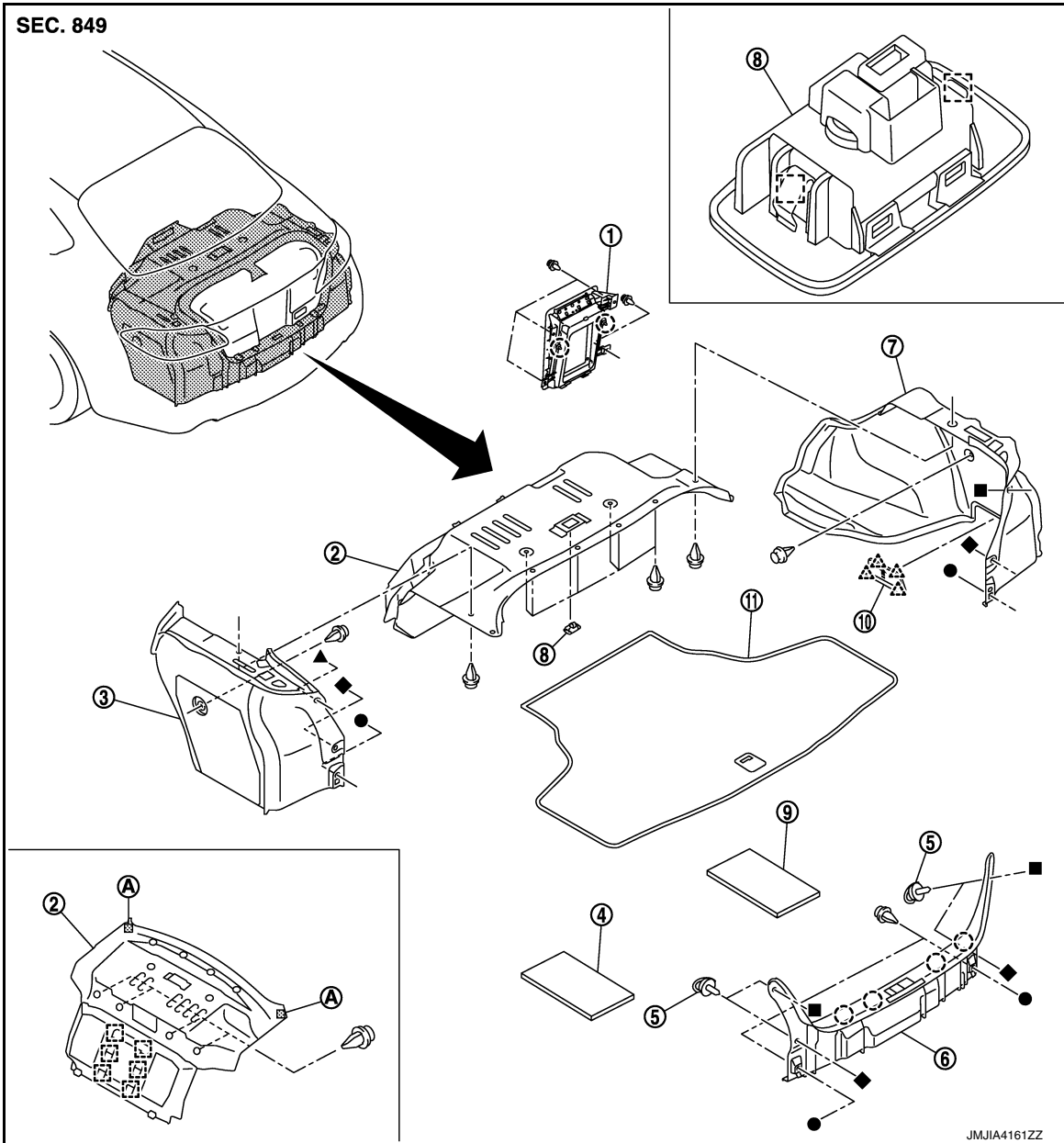
TRUNK ROOM TRIM

< REMOVAL AND INSTALLATION >

TRUNK ROOM TRIM

Exploded View

INFOID:000000012347372



- | | | |
|----------------------------------|-------------------------|---------------------------|
| 1. Rear seatback center finisher | 2. Trunk front finisher | 3. Trunk side finisher LH |
| 4. Trunk floor board LH | 5. Rope hook | 6. Trunk rear plate |
| 7. Trunk side finisher RH | 8. Trunk room lamp | 9. Trunk floor board RH |
| 10. Trunk side finisher cover | 11. Trunk floor carpet | |

A : Dual lock fastener

○ : Clip

△ : Pawl

□ : Metal clip

●, ▲, ■, ◆ : Indicates that the part is connected at points with same symbol in actual vehicle.

TRUNK REAR PLATE

TRUNK ROOM TRIM

< REMOVAL AND INSTALLATION >

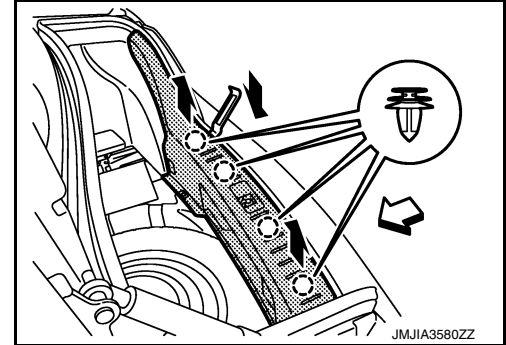
TRUNK REAR PLATE : Removal and Installation

INFOID:000000012347373

REMOVAL

1. Fully open trunk lid.
2. Remove trunk floor carpet.
3. Remove rope hooks and trunk rear plate fixing clips
4. Insert a remover tool between trunk rear plate and body rear panel to disengage fixing clips, and then remove luggage rear plate.

- : Clip
⇐ : Vehicle front



5. Pull up trunk rear plate to remove.

INSTALLATION

Note the following item, and then install in the reverse order of removal.

CAUTION:

Check that clips are securely fitted in panel holes on body when installing, and then press clips in.

TRUNK FINISHER FRONT

TRUNK FINISHER FRONT : Removal and Installation

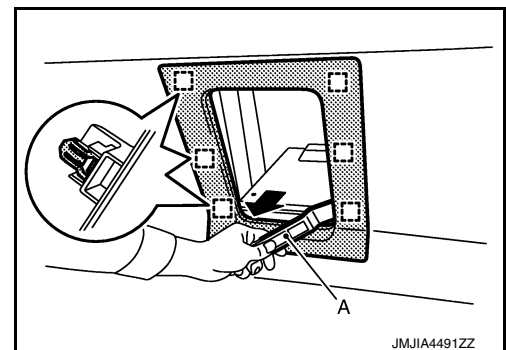
INFOID:000000012347374

REMOVAL

1. Fully open trunk lid assembly.
2. Remove trunk room lamp (luggage side).
 - Short wheel base models: Refer to [INL-85, "Removal and Installation"](#).
 - Long wheel base models: Refer to [INL-170, "Removal and Installation"](#).
3. Remove trunk floor carpet.
4. Remove trunk lid weather-strip. Refer to [DLK-203, "TRUNK LID WEATHER-STRIP : Removal and Installation"](#).
5. Remove trunk front finisher fixing clips.
6. Insert a remover tool (A) between the rear seatback center finisher and trunk front finisher to disengage the metal clips.
7. Pull down trunk front finisher, and disengage dual-lock fasteners.

- : Metal clip

8. Remove trunk front finisher from the vehicle.



INSTALLATION

Note the following item, and then install in the reverse order of removal.

CAUTION:

Check that metal clips are securely fitted in panel holes on body when installing, and then metal clips in.

TRUNK SIDE FINISHER

TRUNK ROOM TRIM

< REMOVAL AND INSTALLATION >

TRUNK SIDE FINISHER : Removal and Installation

INFOID:000000012347375

REMOVAL

1. Fully open trunk lid assembly.
2. Remove trunk rear plate. Refer to [INT-62, "TRUNK REAR PLATE : Removal and Installation"](#).
3. Remove trunk front finisher. Refer to [INT-62, "TRUNK FINISHER FRONT : Removal and Installation"](#).
4. Insert a remover tool between the trunk side finisher and trunk side finisher cover to disengage the pawls.
5. Remove trunk side finisher cover.
6. Remove trunk side finisher fixing clips.
7. Remove trunk side finisher from the vehicle.

INSTALLATION

Install in the reverse order of removal.

REAR SEATBACK CENTER FINISHER

REAR SEATBACK CENTER FINISHER : Removal and Installation

INFOID:000000012347376

REMOVAL

1. Remove rear seatback assembly. Refer to [SE-135, "Disassembly and Assembly"](#).
2. Remove rear seatback center finisher fixing clips, and then remove rear seatback center finisher.

INSTALLATION

Install in the reverse order of removal.

A
B
C
D
E
F
G
H
I
K
L
M
N
O
P

INT

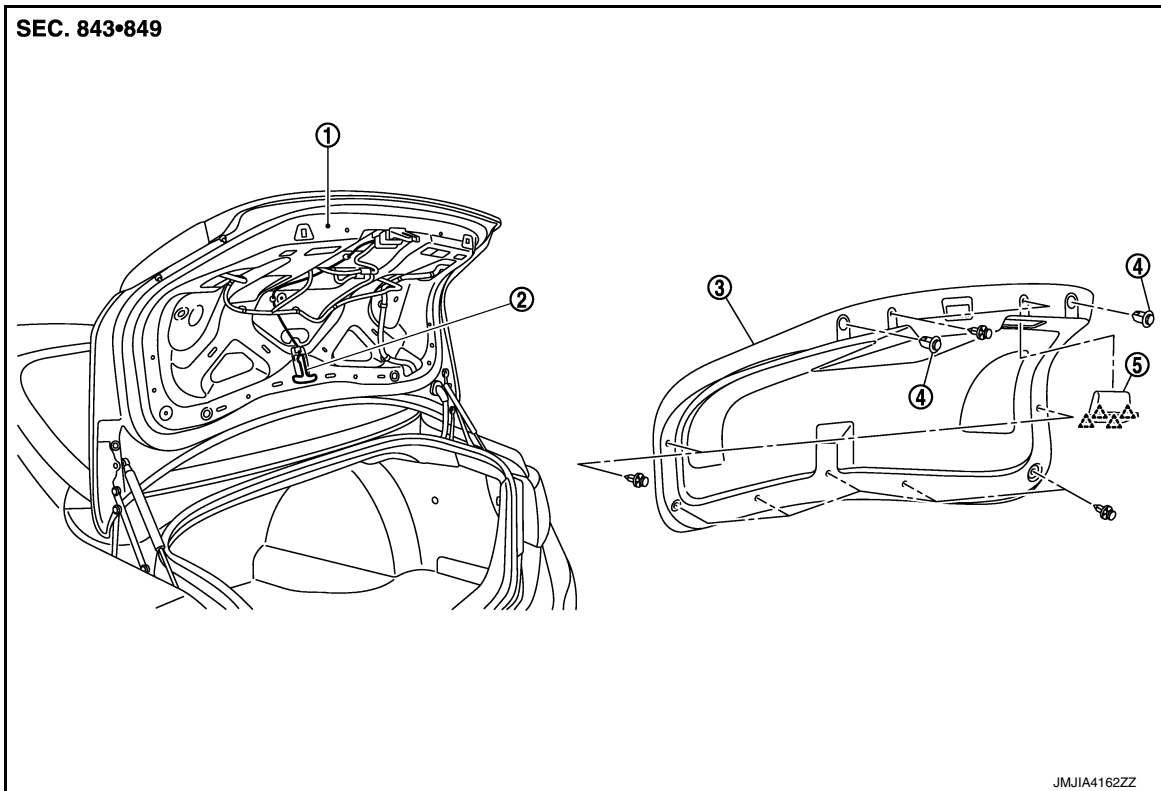
TRUNK LID TRIM

< REMOVAL AND INSTALLATION >


TRUNK LID TRIM

Exploded View

INFOID:000000012347377



- 1. Trunk lid assembly
- 2. Emergency handle
- 3. Trunk lid inner finisher
- 4. Trunk lid bumper rubber
- 5. Trunk lid pull handle


 : Pawl

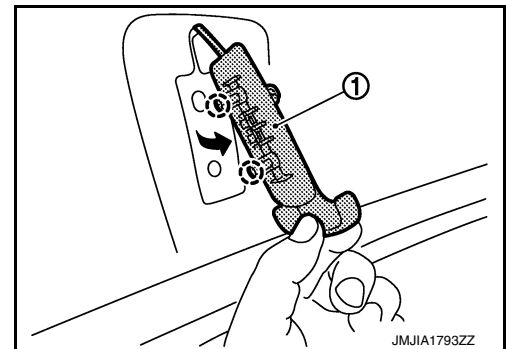
Removal and Installation

INFOID:000000012347378

REMOVAL

1. Fully open trunk lid assembly.
2. Disengage trunk lid emergency handle holder (1) fixing clips.

 : Clip




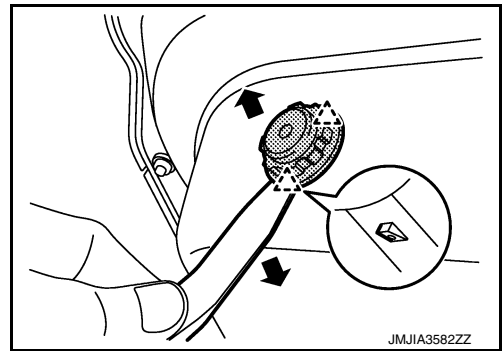
3. Remove trunk lid bumper rubber.

TRUNK LID TRIM

< REMOVAL AND INSTALLATION >


1. Insert a remover tool between trunk lid bumper rubber and trunk lid assembly and disengage pawls.
2. Pull back trunk lid bumper rubber.

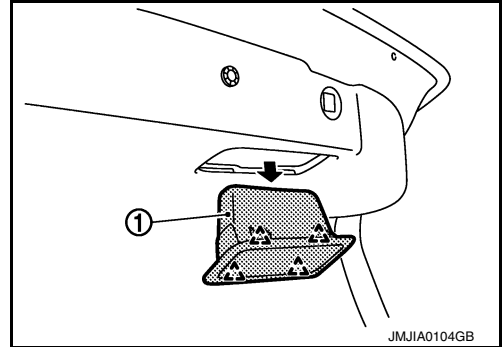
 : Pawl



4. Remove trunk lid pull handle.

1. Insert a remover tool between trunk lid pull handle (1) and trunk lid assembly and disengage pawls.
2. Pull down trunk lid pull handle.

 : Pawl



5. Remove trunk lid inner finisher fixing clips, and then remove trunk lid inner finisher.

INSTALLATION

Install in the reverse order of removal.

A
B
C
D
E
F
G
H
I
K
L
M
N
O
P

INT

REAR SUNSHADE ASSEMBLY

< REMOVAL AND INSTALLATION >

REAR SUNSHADE ASSEMBLY

Exploded View

INFOID:000000012347379

Refer to [INT-49, "Exploded View"](#).

Removal and Installation

INFOID:000000012347380

REMOVAL

CAUTION:

When removing and installing, use shop cloths to protect parts from damage.

1. Remove trunk lid inner finisher. Refer to [INT-64, "Removal and Installation"](#).
2. Disconnect rear sunshade control unit connector.
3. Remove rear parcel shelf finisher. Refer to [INT-50, "Removal and Installation"](#).
4. Remove mounting bolts.
5. Pull rear sunshade assembly toward vehicle front and disengage clips.
6. Pull rear sunshade assembly upward to remove.

INSTALLATION

Note the following item, and then install in the reverse order of removal.

CAUTION:

Be sure to clamp the harness to the right place.

REAR SUNSHADE SWITCH

< REMOVAL AND INSTALLATION >

REAR SUNSHADE SWITCH

Exploded View

INFOID:000000012347381

Refer to [IP-12. "Exploded View"](#).

Removal and Installation

INFOID:000000012347382

REMOVAL

CAUTION:

When removing and installing, use shop cloths to protect parts from damage.

1. Remove instrument lower panel LH. Refer to [IP-13. "Removal and Installation"](#).
2. Disconnect twin switch connector.
3. Remove fixing screws.
4. Remove switch panel from instrument panel LH.
5. Remove rear sunshade switch from switch panel using flat-bladed screwdriver etc.

INSTALLATION

Note the following item, and then install in the reverse order of removal.

CAUTION:

Be sure to clamp the harness to the right place.

A

B

C

D

E

F

G

H

I

INT

K

L

M

N

O

P