GROUP 51

EXTERIOR

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FRONT BUMPER ASSEMBLY

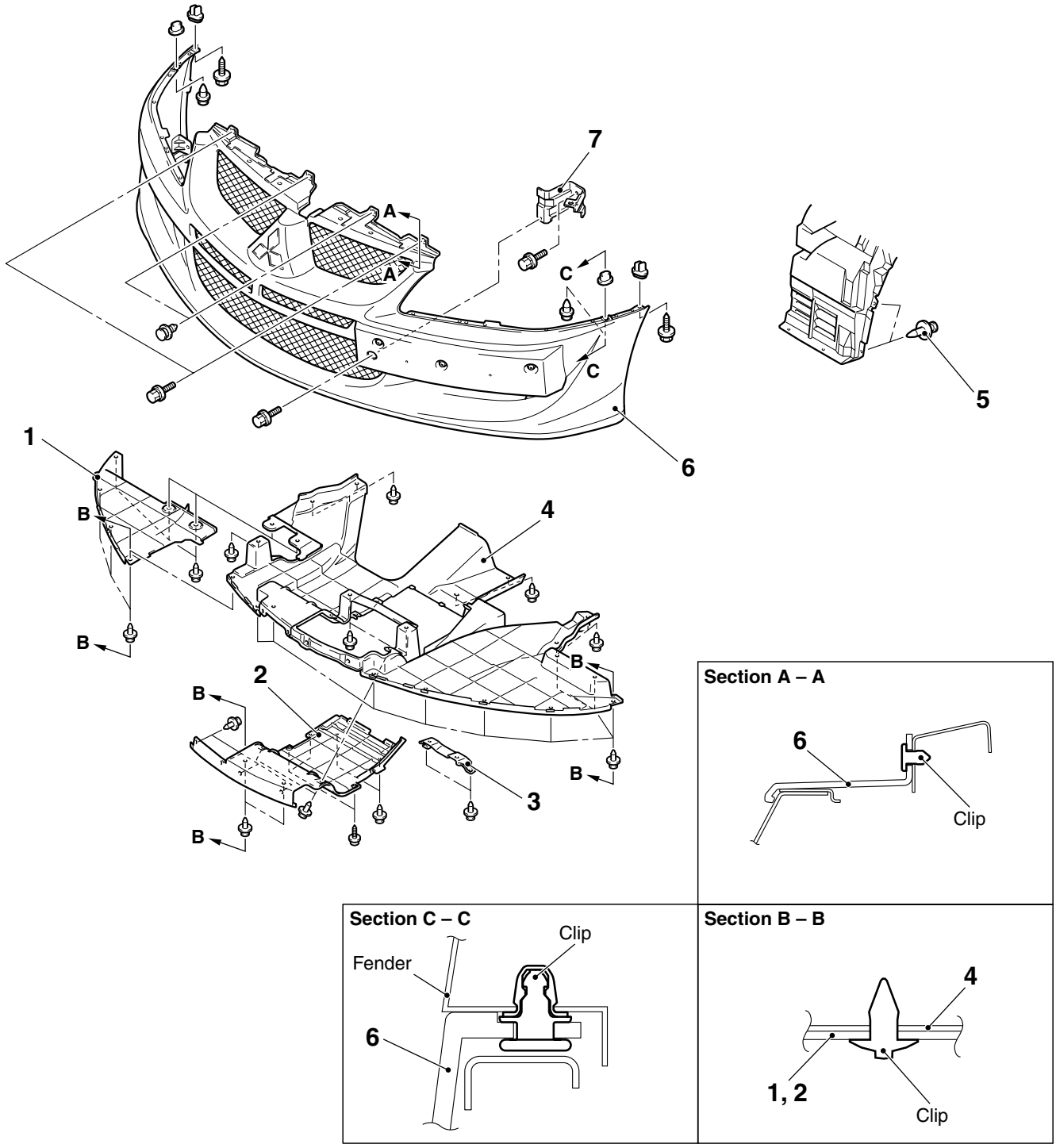
ADHESIVE

M1511000500426

Item	Specification
Front-three-diamond mark	Adhesive tape: Double-sided tape 20 mm width and 0.8 mm thickness

REMOVAL AND INSTALLATION

M1511001400604



AC309921 AB

Removal steps

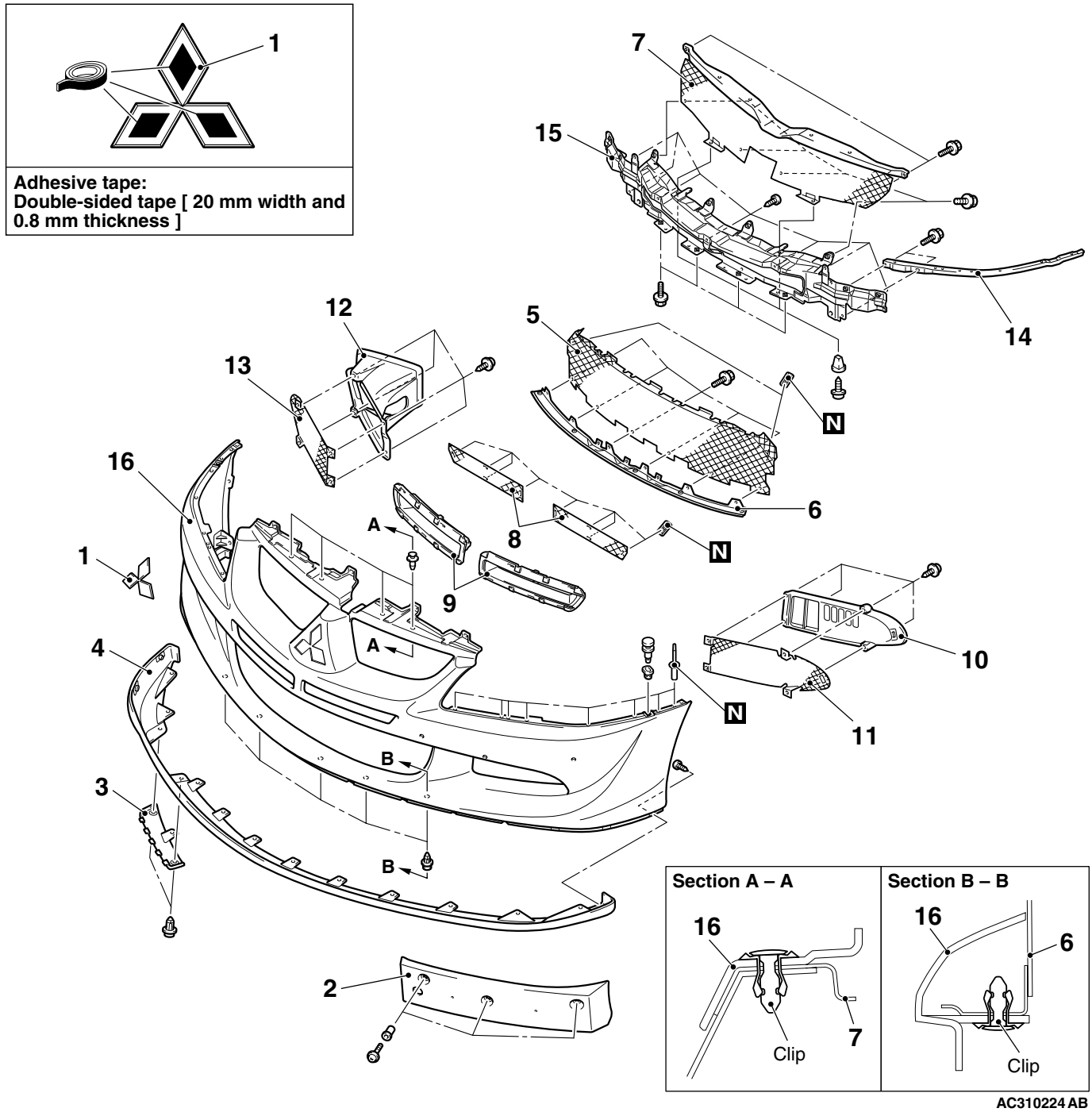
1. Side under cover
2. Centre under cover
3. Under cover centre bracket
4. Front under cover

Removal steps (Continued)

5. Splash shield mounting clip
- Water spray hose connection
6. Front bumper assembly
7. Front bumper stay assembly

DISASSEMBLY AND ASSEMBLY

M1511001600619



AC310224 AB

Disassembly steps

1. Front three-diamond mark
2. Licence plate garnish
3. Shipping cover
4. Front air dam panel
5. Front bumper lower reinforcement assembly
6. Front bumper lower plate assembly
7. Front bumper upper plate assembly
8. Bumper net
9. Air intake bezel
10. Front bumper side cover

Disassembly steps (Continued)

11. Bumper side net (LH)
12. Oil cooler duct
13. Bumper side net (RH)

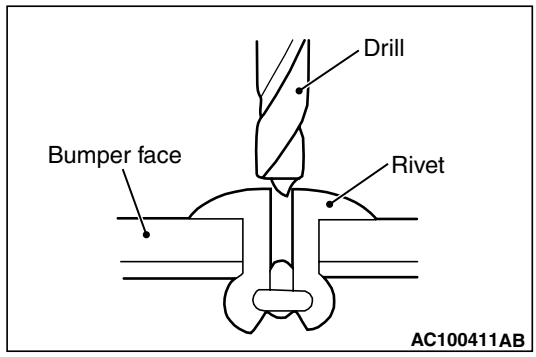
.•· Water spray hose and nozzle (Refer to GROUP 15, Charge Air Cooler Water Spray Removal P.15-8).

<<A>> >>A<< 14. Front bumper side plate assembly

15. Front bumper upper reinforcement assembly
16. Front bumper face

DISASSEMBLY SERVICE POINT

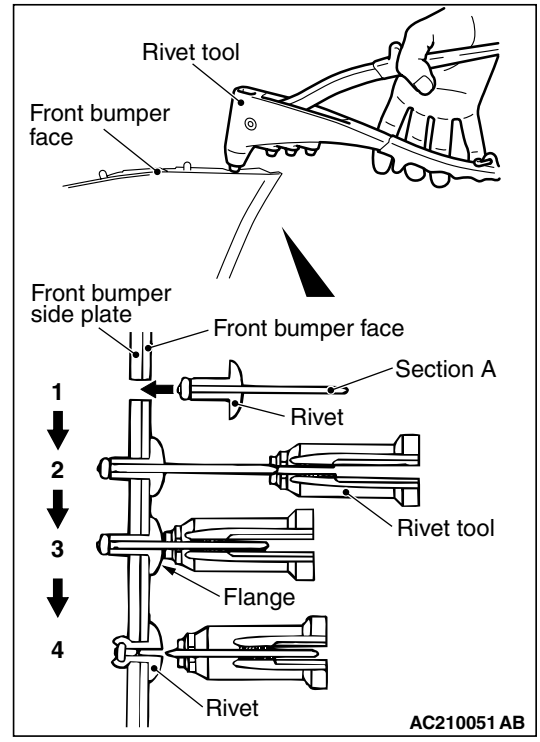
<<A>> FRONT BUMPER SIDE PLATE ASSEMBLY REMOVAL



Use a drill (4.0 mm) to make a hole in the rivet to break it, and then remove the rivet.

ASSEMBLY SERVICE POINT

>>A<< FRONT BUMPER SIDE PLATE ASSEMBLY



Use the rivet tool shown in the illustration to attach the rivet by the following procedure.

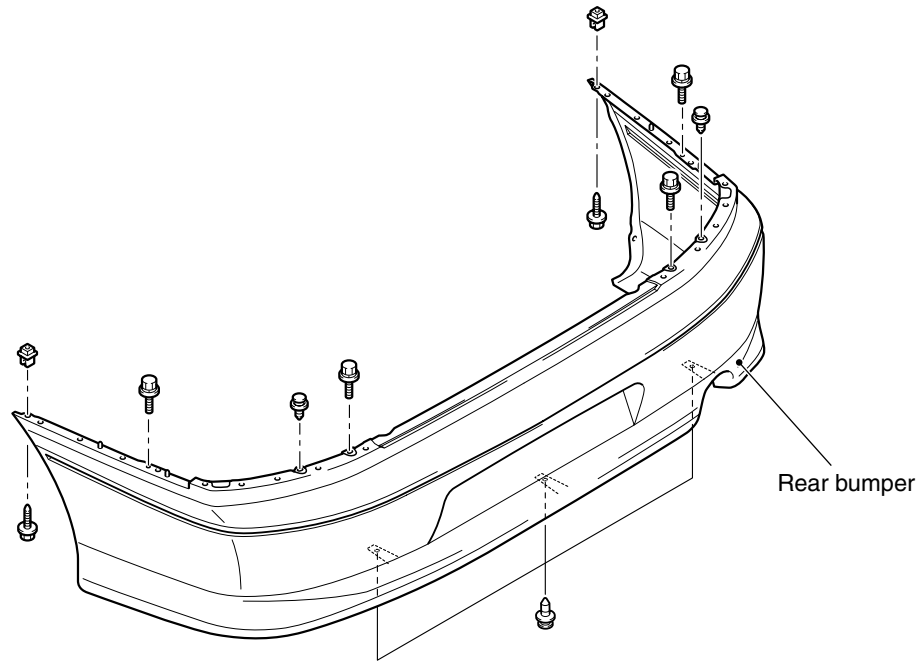
1. Insert the rivet into the base material front bumper side plate assembly.
2. Place the recommended tool over section A of the rivet.
3. While pushing the flange surface of the rivet with the recommended tool, press the handle of the tool.
4. The thin part of section A of the rivet will break and the rivet will then be attached.

REAR BUMPER ASSEMBLY

REMOVAL AND INSTALLATION

M1511001900546

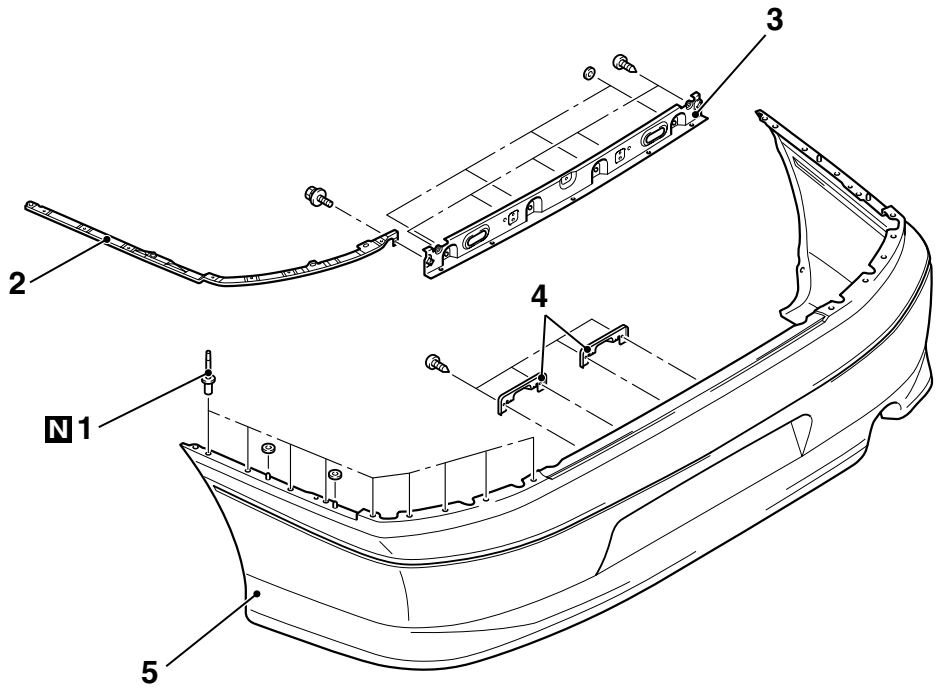
Pre-removal and Post-installation Operation
- Rear Combination Light Removal and Installation (Refer to GROUP 54A, Rear Combination Lamp P.54A-71).
- Rear End Trim Removal and Installation (Refer to GROUP 52A, Trims P.52A-10).
- Rear Splash Shield Removal and Installation.



AC310257 AB

DISASSEMBLY AND REASSEMBLY

M1511002100424

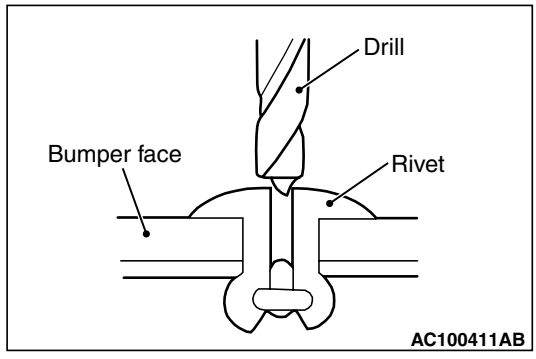


AC310261 AB

Disassembly steps

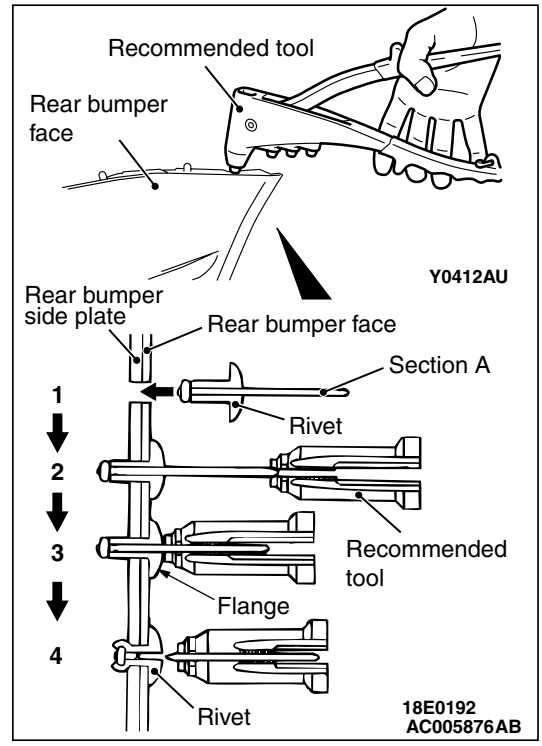
<<A>> >>A<< 1. Rivets
2. Rear bumper side plate assembly
3. Rear bumper centre reinforcement
4. Licence plate bracket assembly
5. Rear bumper face

DISASSEMBLY SERVICE POINT
<<A>> RIVET REMOVAL



Use a drill (4.0 mm) to make a hole in the rivet to break it, and then remove the rivet.

ASSEMBLY SERVICE POINT
>>A<< RIVET INSTALLATION



Use the rivet tool shown in the illustration to attach the rivet by the following procedure.

1. Insert the rivet into the rear bumper face and rear bumper side plate.
2. Insert “A” of the rivet into the rivet tool.

3. Pressing the flange surface of the rivet, move the handle of the rivet tool.
4. The thinnest point of “A” is cut and the rivet is held in position.

SIDE AIR DAM

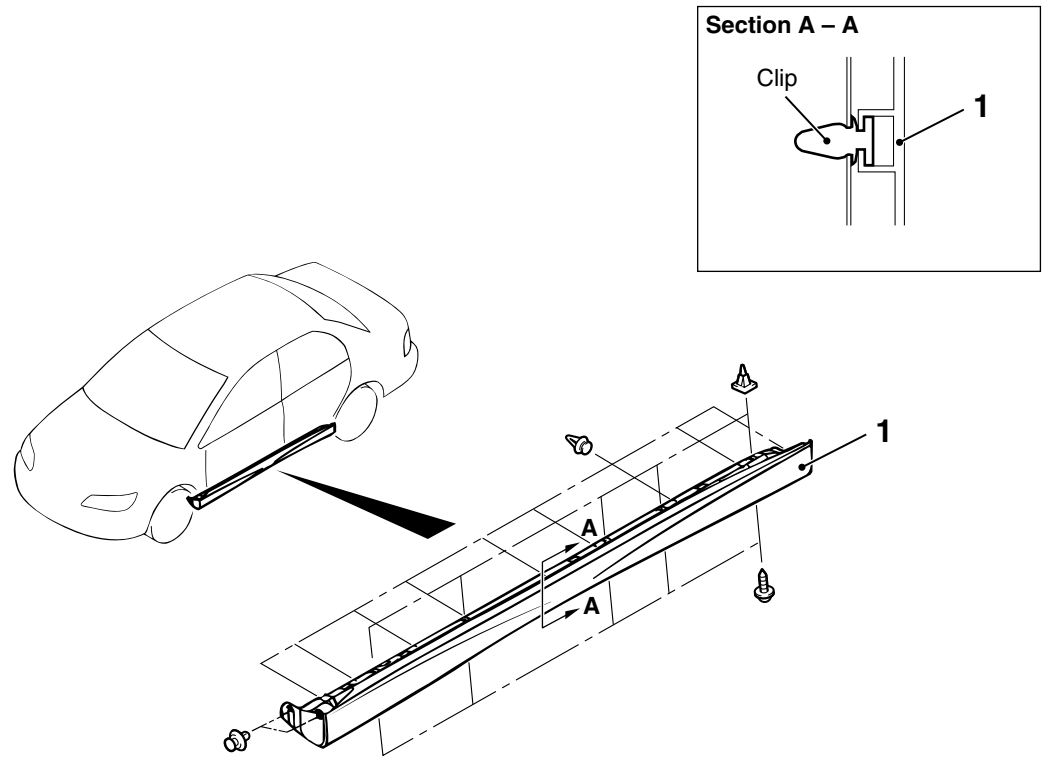
ADHESIVE

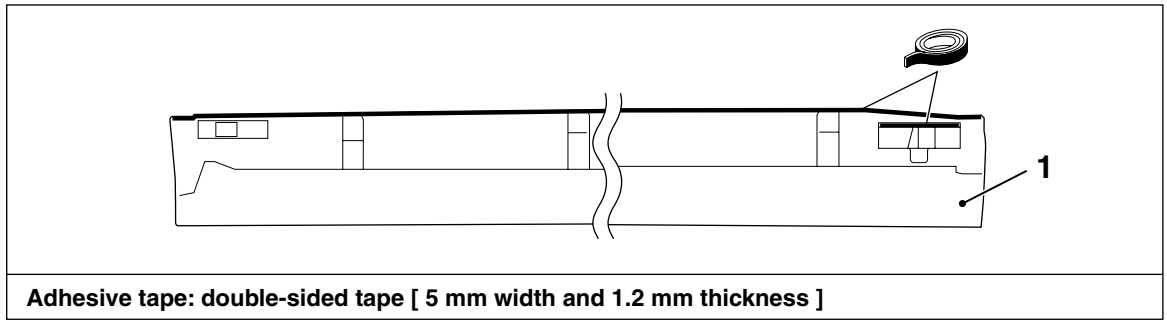
M1511000500437

Item	Specification
Side air dam	Adhesive tape: Double-sided tape 4 mm width and 1.2 mm thickness

REMOVAL AND INSTALLATION

M1511005500153





Adhesive tape: double-sided tape [5 mm width and 1.2 mm thickness]

AC310080 AB

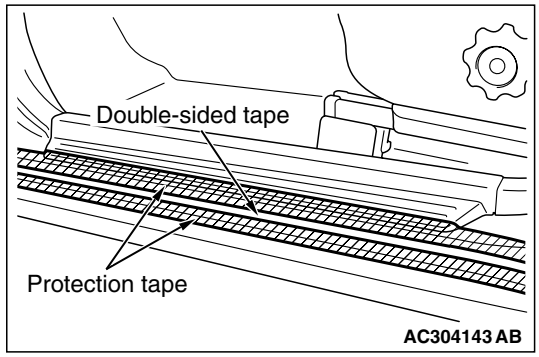
REMOVAL

<<A>> >>A<< 1. Side air dam

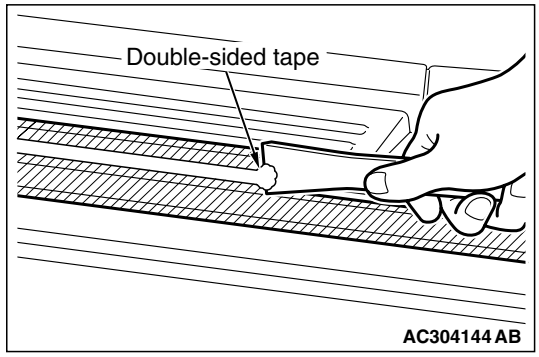
REMOVAL SERVICE POINT

<<A>> SIDE AIR DAM REMOVAL

Gently lift and remove the side air dam. If there is any double-sided tape remaining on the side air dam, remove according to the following instructions.
<Remove double-sided tape remaining on the body surface>

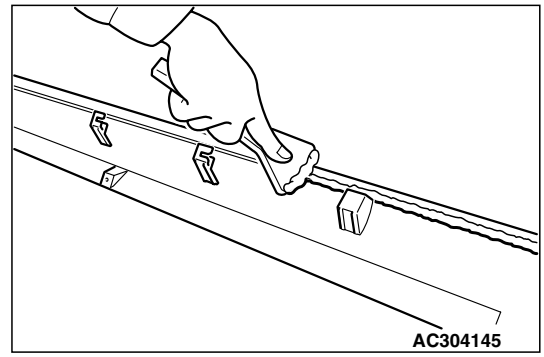


1. Attach protection tape all the way along the edges of the double-sided tape which is still adhering to the body.



2. Scrape off the double-sided tape with a resin spatula as possible.
3. Peel off the protection tape.
4. Wipe the body surface and clean it with a rag moistened with isopropyl alcohol.

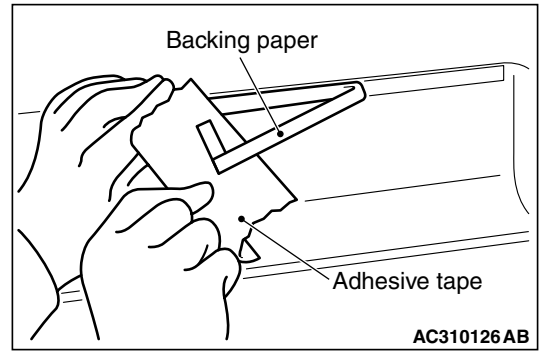
<Remove double-sided tape remaining on side air dam and adhere double-sided tape (when re-using side air dam)>



1. Scrape off the double-sided tape on the side air dam with a resin spatula as possible.
2. Wipe the side sill garnish surface and clean it with a rag moistened with isopropyl alcohol.
3. Remove only a small portion of the residual adhesive.
4. Adhere the double-sided tape as specified on the side air dam.

INSTALLATION SERVICE POINT

>>A<< SIDE AIR DAM INSTALLATION.



1. Tear off the double-sided tape backing paper.

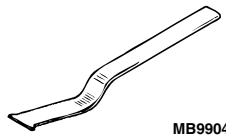
   NOTE: If you attach the adhesive tape to the edge of the backing paper, it will be easy to tear off.
2. Install the side air dam.

   NOTE: If the double-sided tape is difficult to affix in cold temperature, etc., warm the bonding surfaces of the body and side air dam to about 40 – 60°C before affixing the tape.
3. Firmly press in the side air dam.

GARNISHES AND MOULDINGS

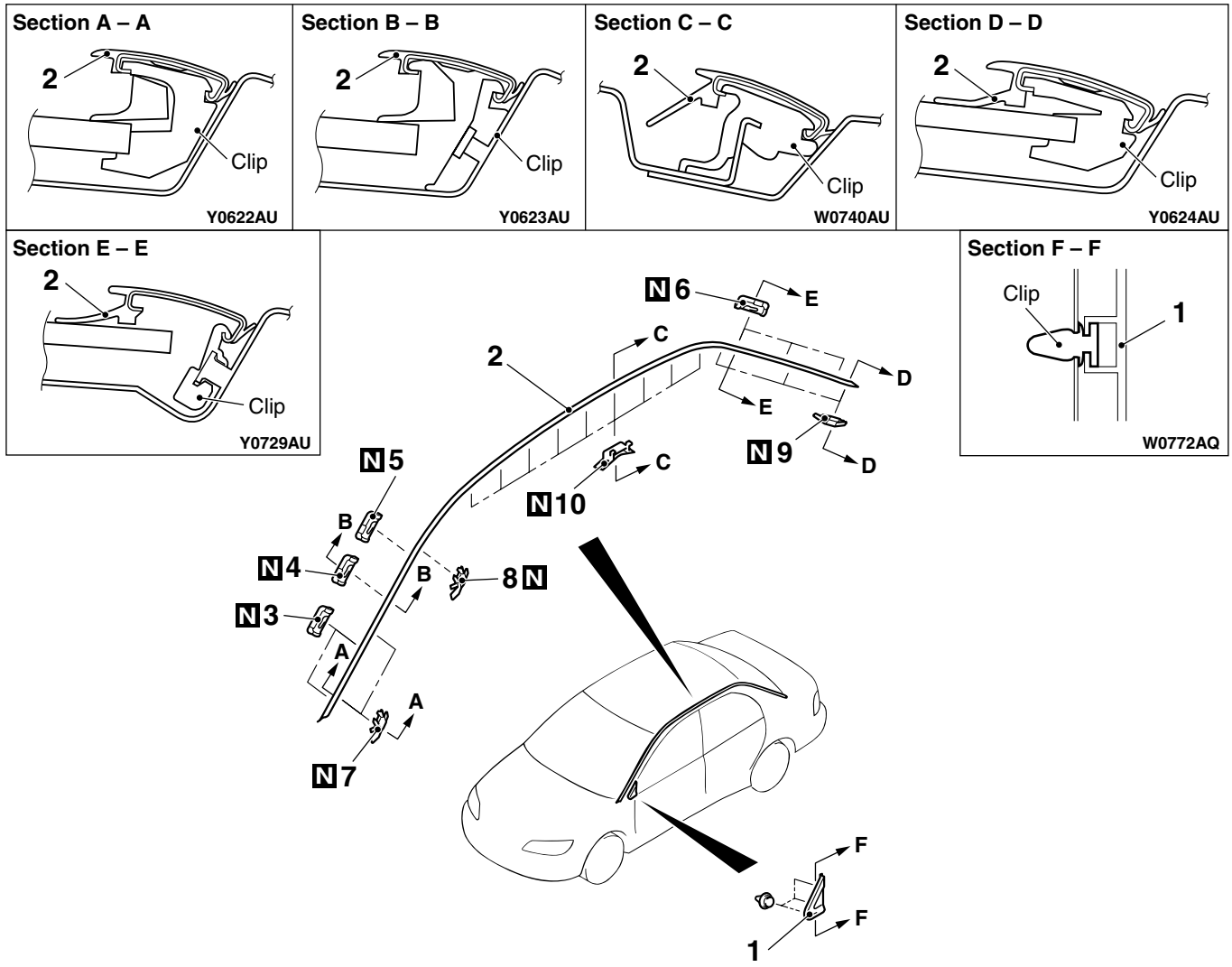
SPECIAL TOOLS

M1511000601277

Tool	Tool number and name	Supersession	Application
 MB990449	MB990449 Window moulding remover	General service tool	Removal of drip moulding

REMOVAL AND INSTALLATION

M1511004400186



Removal

1. Delta outer garnish
- Front deck garnishes (Refer to P.51-15).

Roof drip moulding removal steps

<<A>> >>C<< 2. Roof drip moulding

Roof drip moulding removal steps

>>B<< 3. Front drip moulding clip A
>>B<< 4. Front drip moulding clip B
>>B<< 5. Front drip moulding clip C
>>B<< 6. Rear drip moulding clip
>>A<< 7. Drip moulding clip A
>>A<< 8. Drip moulding clip B

Roof drip moulding removal steps

>>A<< 9. Drip moulding clip C
10. Roof drip moulding clip

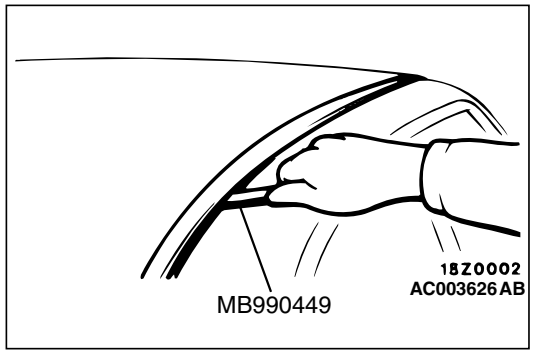
Required Special Tools:

- MB990449: Window moulding remover
- MB990784: Ornament remover

REMOVAL SERVICE POINTS

<<A>> ROOF DRIP MOULDING REMOVAL

⚠ CAUTION
If the moulding has become warped, it should not be reused.



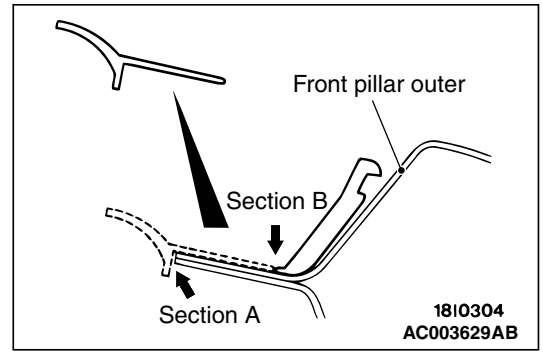
Use special tool MB990449 Window Moulding Remover to pry out the moulding.

INSTALLATION SERVICE POINTS

>>A<< DRIP MOULDING CLIP C/DRIP MOULDING CLIP B/DRIP MOULDING CLIP A INSTALLATION

1. The drip moulding clips A, B and C differ according to where they are used, so check the identification colour before installation.

Applicable location	Identification colour
Drip moulding clip A	Yellow
Drip moulding clip B	Blue
Drip moulding clip C	Milky white



2. After installing the clip to the front pillar outer in alignment with its section A, cut from section B.

>>B<< REAR DRIP MOULDING CLIP/FRONT DRIP MOULDING CLIP C/FRONT DRIP MOULDING CLIP B/FRONT DRIP MOULDING CLIP A INSTALLATION

The front drip moulding clips A, B, C and rear drip moulding clip differ according to where they are used, so check the identification colour before installation.

Applicable location	Identification colour
Front drip moulding clip A	Orange
Front drip moulding clip B	Purple
Front drip moulding clip C	Blue
Rear drip moulding clip	Gray

>>C<< ROOF DRIP MOULDING INSTALLATION

Install the clips to the roof drip moulding before installing the moulding to the vehicle body.

REAR SPOILER

ADHESIVE

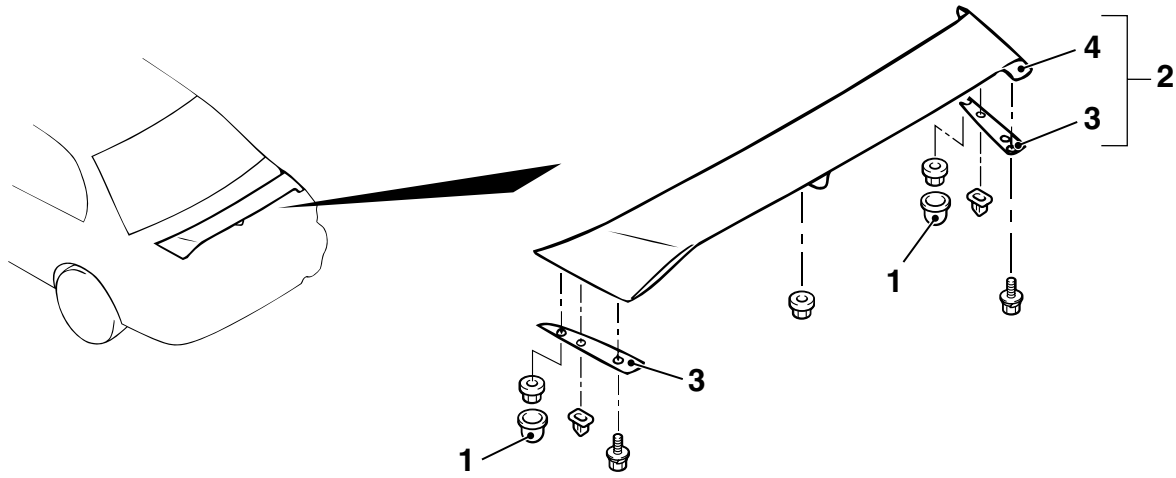
M1511000500512

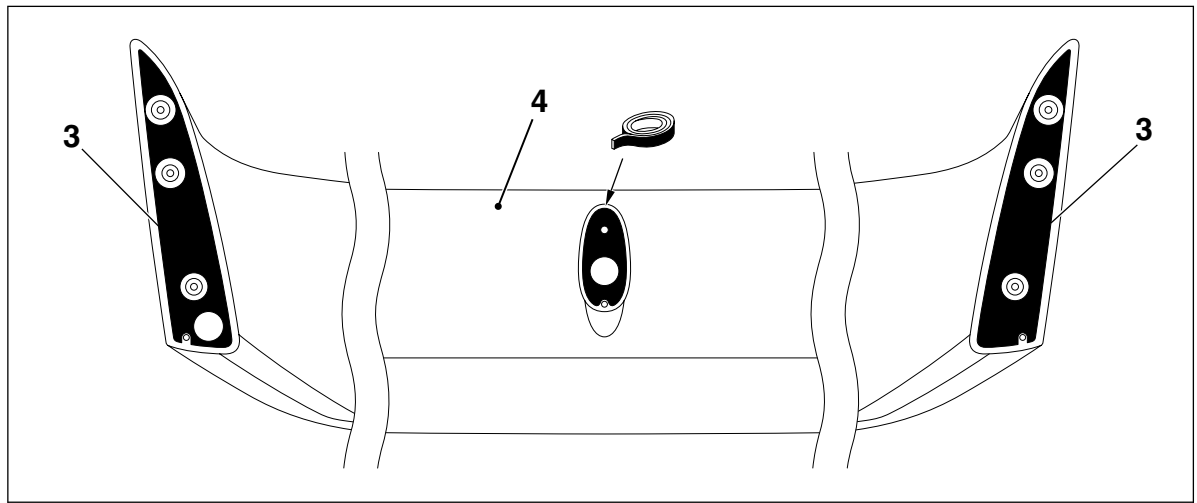
Item	Specification
Rear spoiler assembly <Type A>	Adhesive tape: Double-sided tape 3 mm thickness
Rear spoiler assembly <Type B>	Adhesive tape: Double-sided tape 5 mm width and 0.8 mm thickness and 5 mm width and 1.6 mm thickness

REMOVAL AND INSTALLATION

M1511006100170

<TYPE A>





Adhesive tape: Double-sided tape [3 mm thickness]

AC310062 AB

Removal steps
- Trunk lid bumper (Refer to GROUP 42, Trunk Lid P.42-37).

1. Cap

<<A>> >>A<< 2. Rear spoiler assembly

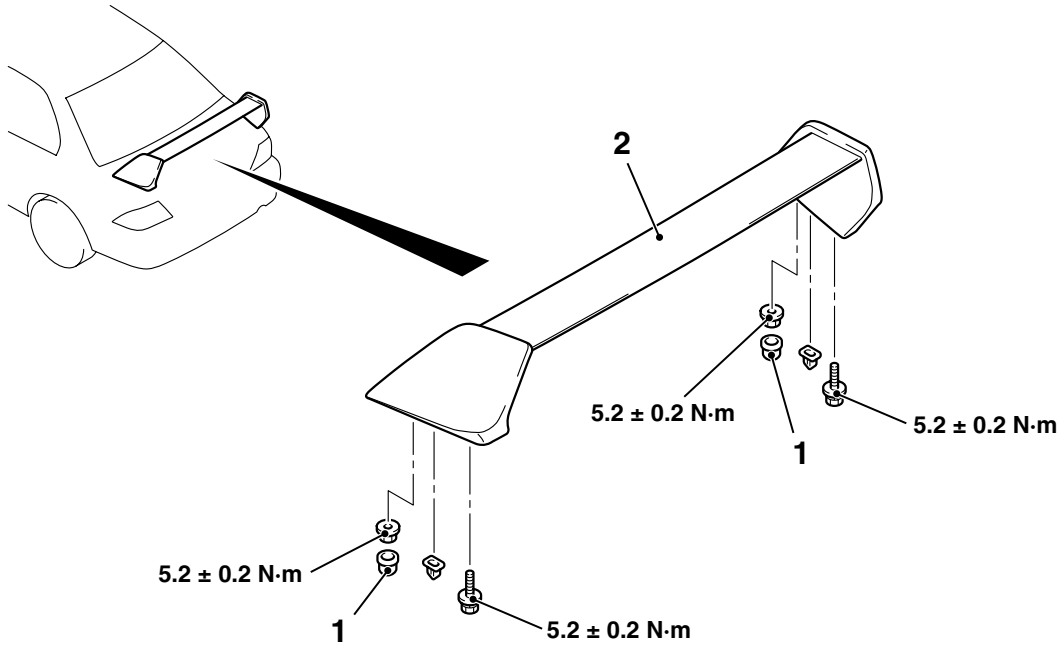
3. Gasket

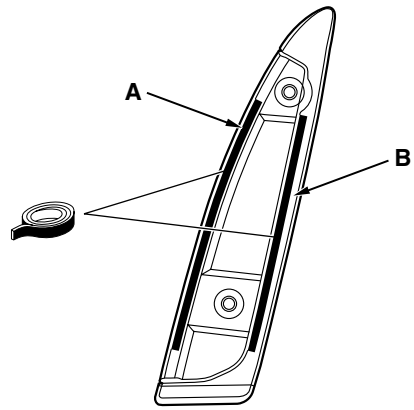
Removal steps (Continued)

4. Rear spoiler

- High-mounted stop lamp (Refer to GROUP 54A, High-mounted Stop Lamp P.54A-72).

<Type B>





Adhesive tape:
Double-sided tape A: [5 mm width and 0.8 mm thickness]
Double-sided tape B: [5 mm width and 1.2 mm thickness]

AC205578 AD

Removal steps
- Trunk lid bumper (Refer to GROUP 42, Trunk Lid P.42-37).

1. Cap

<<A>> >>A<< 2. Rear spoiler assembly

REMOVAL SERVICE POINT

<<A>> REAR SPOILER ASSEMBLY REMOVAL

Remove by the same procedure as described in SIDE AIR DAM REMOVAL (Refer to P.51-8).

INSTALLATION SERVICE POINT

>>A<< REAR SPOILER ASSEMBLY INSTALLATION

Install by the same procedure as described in SIDE AIR DAM INSTALLATION (Refer to P.51-8).

WINDSHIELD WIPER AND WASHER

SERVICE SPECIFICATION

M1511000300422

Item	Standard value
Stop position of the windshield wiper arm/blade assembly (Distance between the edge of the wiper blade and the end of the deck garnish) mm	34 ± 5

TROUBLESHOOTING

M1511000700323

The windshield wiper and washer are controlled by the Smart Wiring System (SWS). For troubleshooting, refer to GROUP 54B, Troubleshooting P.54B-12 or GROUP 54C, Troubleshooting P.54C-4.

NOTE: Even when the ETACS-ECU has failed, the windshield wiper can work at low speed as fail-safe mode. (Normally, the windshield wiper operates when the ignition switch is at the "ACC" position. But, if it enters the fail-safe mode, the wiper can operate only when the ignition switch is at the "ON" position.)

ON-VEHICLE SERVICE

WINDSHIELD INTERMITTENT WIPER INSPECTION

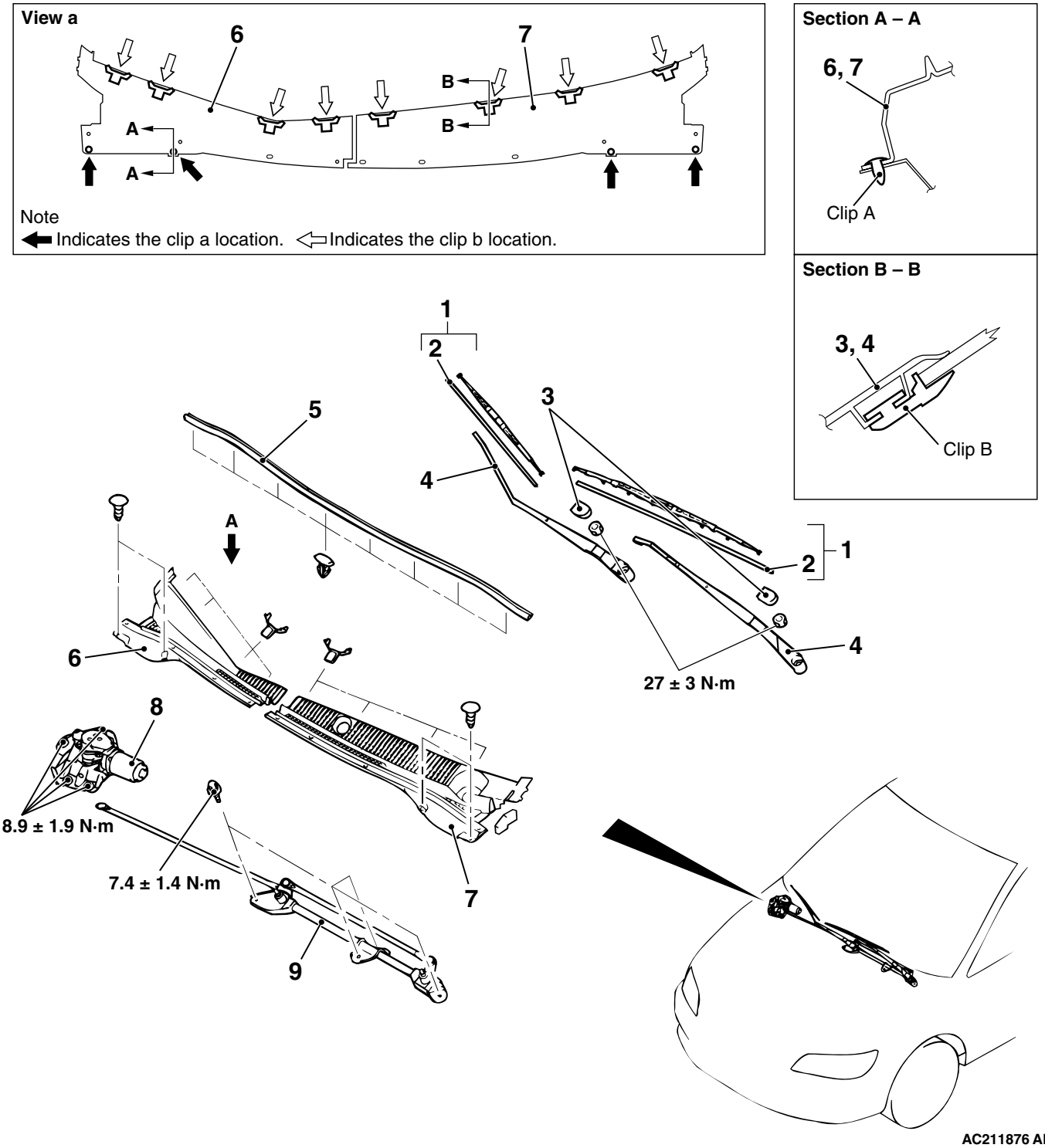
M1511021900054

1. If the windshield intermittent wiper interval adjusting knob is operated, the wiper interval should change.
2. Holding the windshield intermittent wiper interval adjusting knob, input the simulated vehicle speed with MUT-II MB991502 and check that the wiper interval changes as the vehicle speed changes.
3. If not, carry out the troubleshooting (Refer to GROUP 54B, Troubleshooting P.54B-12 or GROUP 54C, Troubleshooting P.54C-4).

WINDSHIELD WIPER

REMOVAL AND INSTALLATION

M1511007900209



Wiper blade assembly removal steps

>>B<< 1. Wiper blade assembly

>>A<< 2. Wiper blade

Windshield wiper motor and link assembly removal steps

3. Cover
4. Wiper arm

<<A>>

Windshield wiper motor and link assembly removal steps (Continued)

5. Hood weather strip
6. Front deck garnish (Passenger's side)
7. Front deck garnish (Driver's side)
8. Windshield wiper motor assembly
9. Link assembly

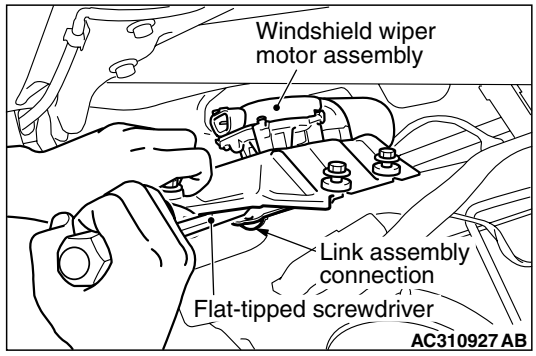
NOTE: For removal and installation of the wiper and washer switch, refer to GROUP 54A, Column switch P.54A-76.

REMOVAL SERVICE POINT

<<A>> WINDSHIELD WIPER MOTOR ASSEMBLY REMOVAL

1. Remove the windshield wiper motor assembly mounting bolts.

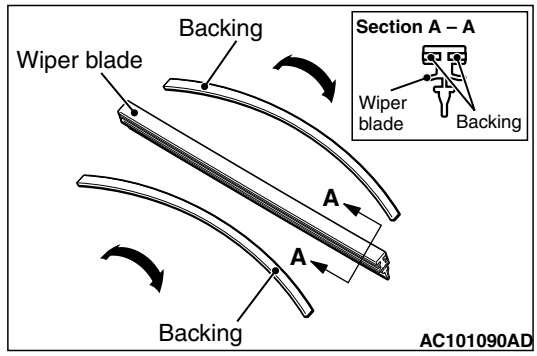
⚠ CAUTION
Be careful not to damage the windshield glass when removing the windshield wiper motor assembly.



2. Use the flat-tipped screwdriver to disengage the link between the windshield wiper motor assembly and the link assembly.

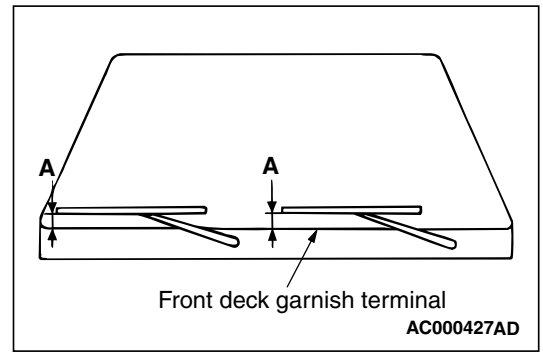
INSTALLATION SERVICE POINTS

>>A<< WIPER BLADE INSTALLATION



⚠ CAUTION
Ensure that the backings are bent in the shown direction, and then install the backings to the wiper blade.

>>B<< WIPER BLADE ASSEMBLY INSTALLATION



Install the wiper blade at the specified position (standard value).

Standard value: (A) 34 ± 5 mm

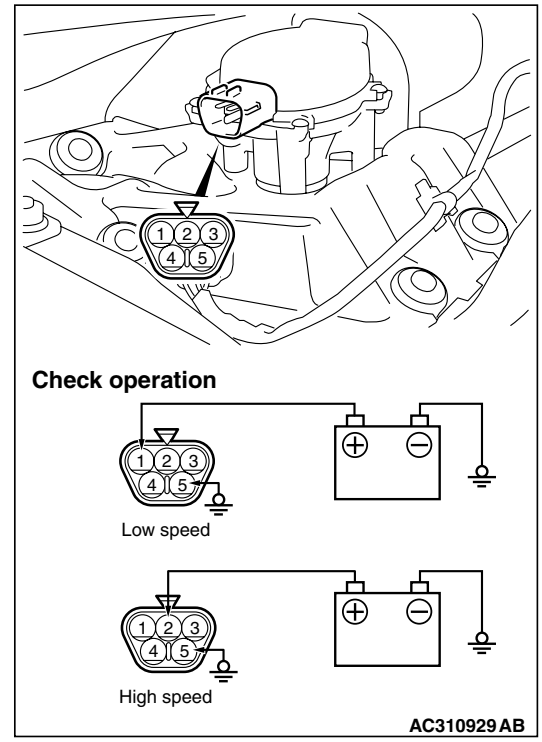
INSPECTION

M1511008000209

FRONT WIPER MOTOR CHECK

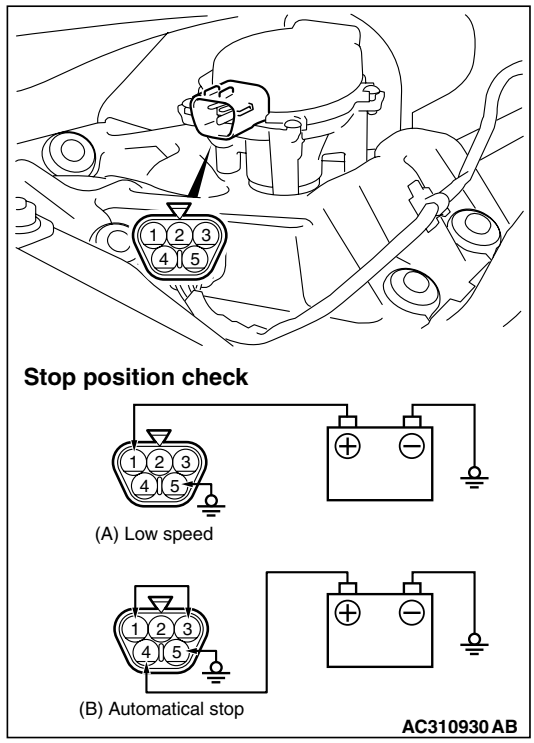
Inspect the windshield wiper motor by removing the harness connector with the motor attached to the vehicle.

WIPER MOTOR AT LOW OR HIGH SPEED OPERATION



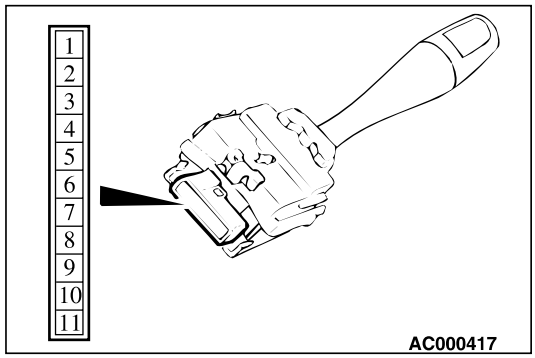
Connect the battery to the windshield wiper motor to inspect the operation of motor rotation in low or high speed.

WIPER MOTOR AT STOP POSITION OPERATION



1. Connect the battery to the windshield wiper motor to rotate the motor in a low speed as shown in the illustration (A) and disconnect the battery during rotation to stop the motor.
2. Connect between the terminals and the battery as shown in the illustration (B) and confirm whether the motor stops at the automatic stop position after rotating in a low speed.

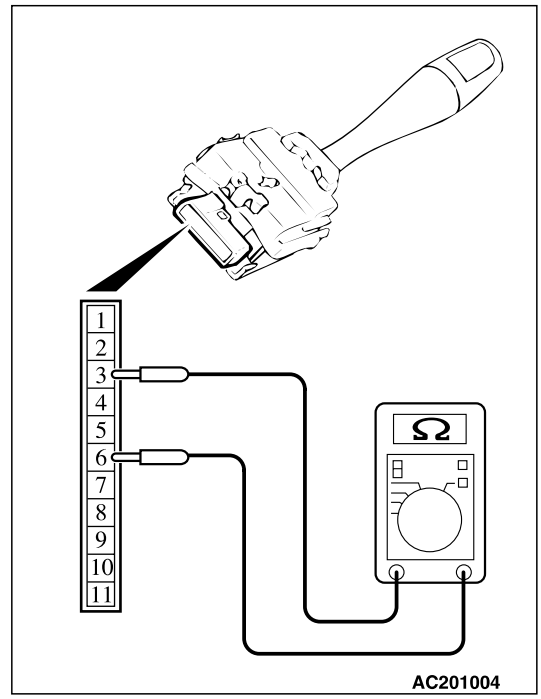
WINDSHIELD WIPER AND WINDSHIELD WASHER SWITCH CHECK



Check continuity between the switch terminals.

Switch position	Tester connection	Specified condition
OFF	6 – 11, 6 – 10, 6 – 9, 6 – 8, 6 – 7	Open circuit
Windshield mist wiper switch	6 – 11	Less than 2 ohms
Windshield intermittent wiper switch	6 – 10	
Windshield low-speed wiper switch	6 – 9	
Windshield high-speed wiper switch	6 – 8	
Windshield washer switch	6 – 7	

WINDSHIELD INTERMITTENT WIPER VOLUME CHECK

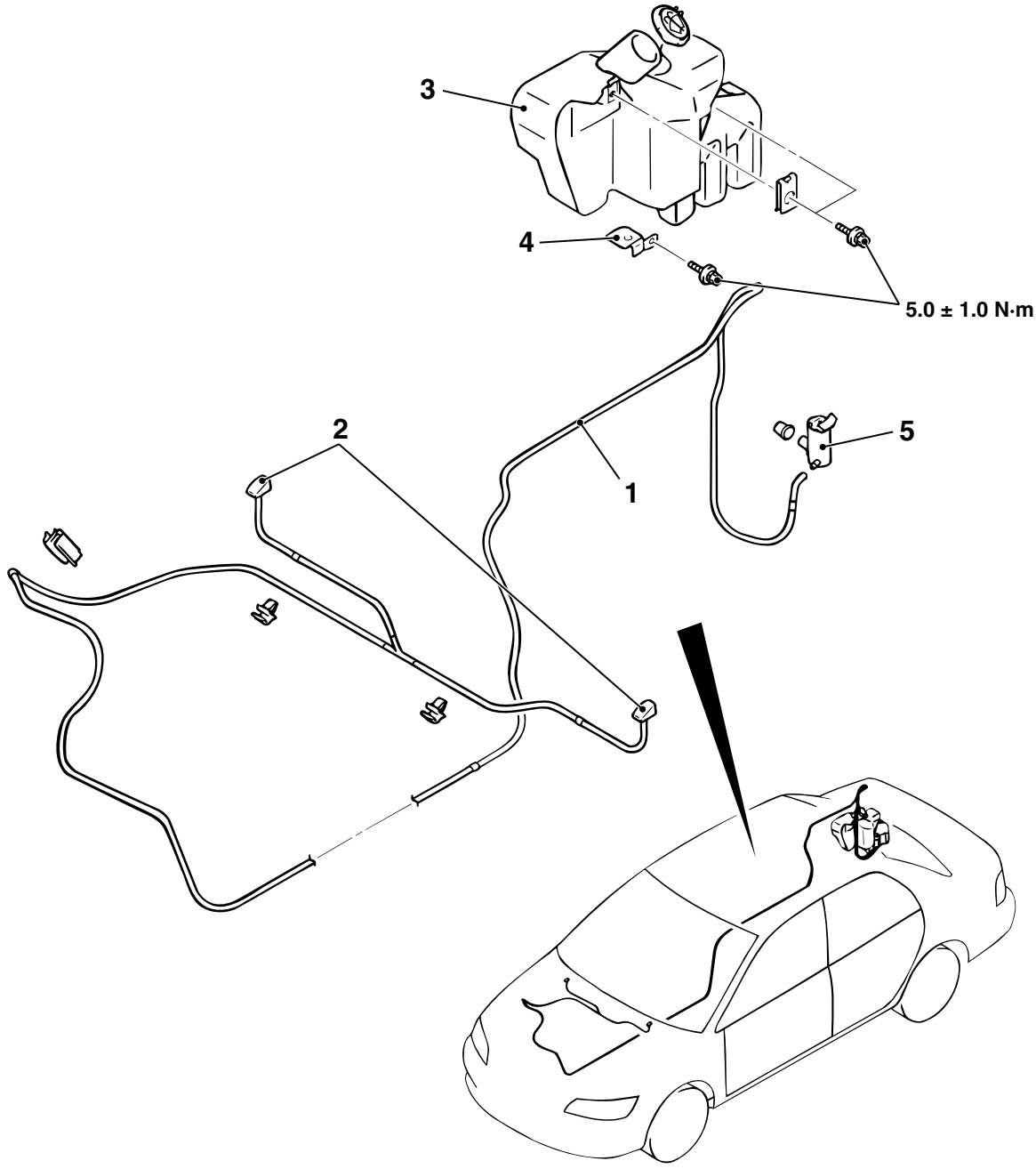


Check that the resistance varies between 0 and 1 kΩ when the windshield intermittent volume is turned from FAST to SLOW after measuring resistance between connector terminals 3 and 6 at the column switch.

WINDSHIELD WASHER

REMOVAL AND INSTALLATION

M1511008200407



AC310066 AB

Washer hose removal steps
- Splash shield <Right side> (Refer to GROUP 42, Fender P.42-6).
- Cowl side trim, front scuff plate, centre pillar trim, lower, rear scuff plate (Refer to GROUP 52A, Trim P.52A-10).
- Rear seat (Refer to GROUP 52A, Seat P.52A-21).

1. Front washer hose

Windshield washer nozzle removal steps
- Connection of washer hose

2. Windshield washer nozzle

Washer tank and washer motor removal steps
- Rear end trim, trunk side trim (Refer to GROUP 52A, Trim P.52A-10).
- Connection of front washer hose

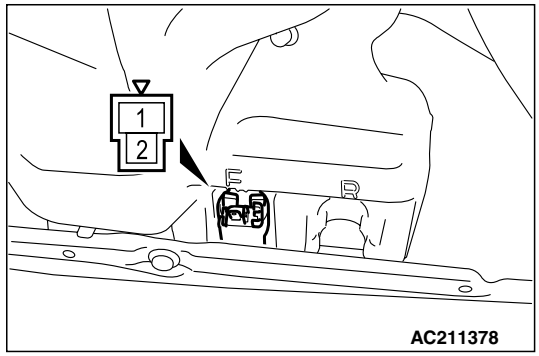
3. Washer tank assembly
4. Washer tank bracket
5. Front washer motor

NOTE: For removal and installation of the wiper and washer switch, refer to GROUP 54A, Column switch P.54A-76.

INSPECTION

M1511008300200

FRONT WASHER MOTOR CHECK



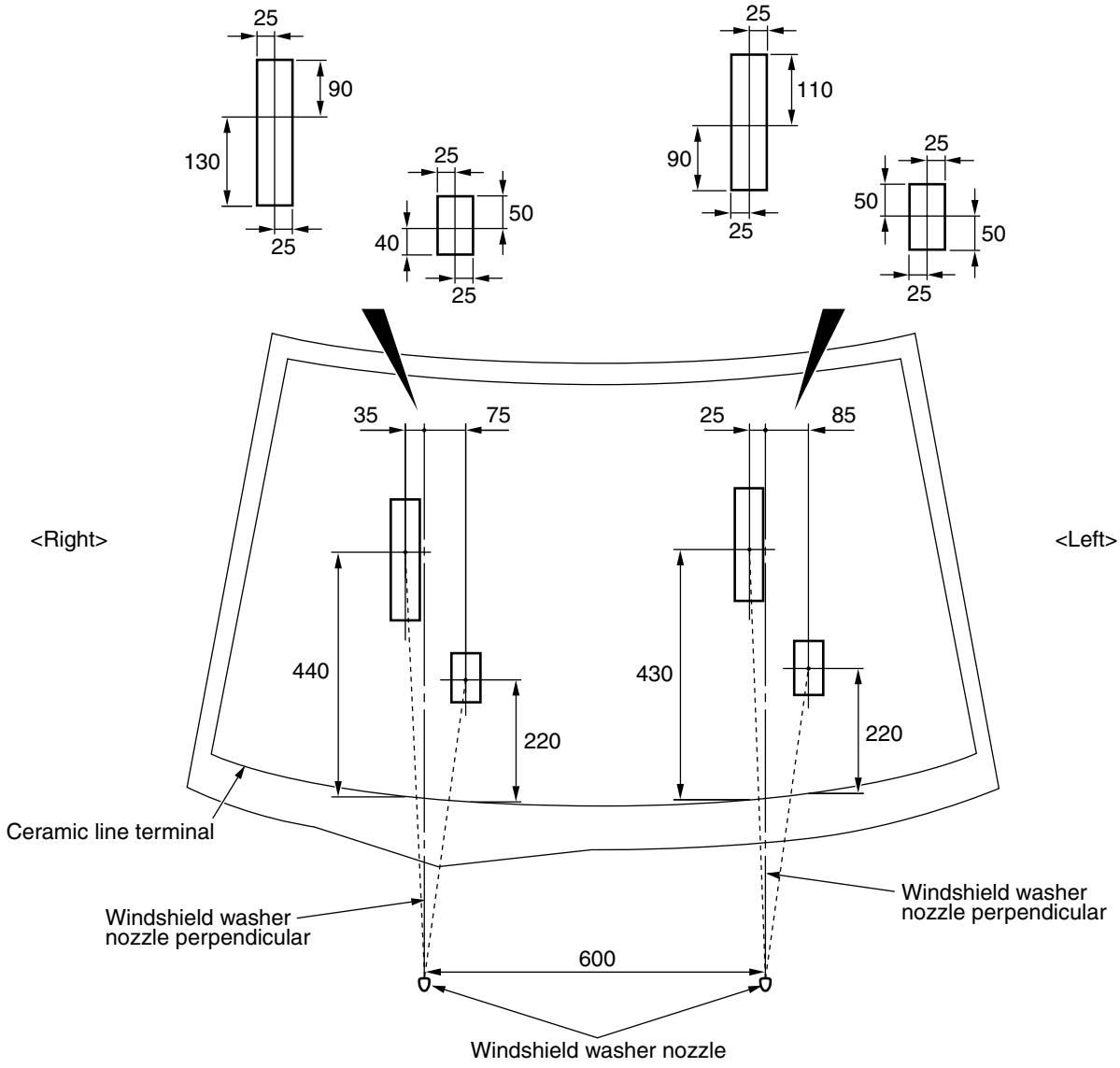
1. Remove the washer tank assembly with the washer hose attached. Then fill the washer tank with water.
2. Check to see that the water is vigorously sprayed. When connecting the positive battery terminal to terminal number 2 and terminal number 1 to the negative battery terminal.

WINDSHIELD WASHER FLUID EJECTION CHECK

Move the nozzle to adjust the position so that the spray is in the area shown in the illustration.

⚠ CAUTION
On RH drive vehicles, the illustration is symmetrical.

Units: mm

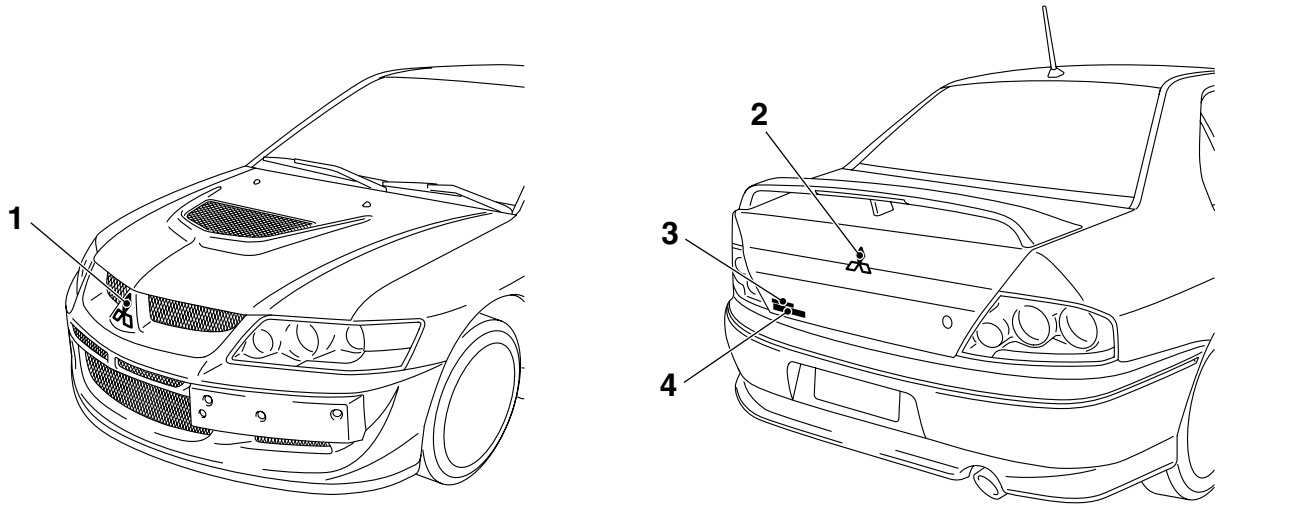


AC309919 AB

MARK

REMOVAL AND INSTALLATION

M1511011800670



AC310520 AB

Removal

1. Front three-diamond mark
>>A<< 2. Rear three-diamond mark
>>A<< 3. Lancer mark
>>A<< 4. Evolution mark

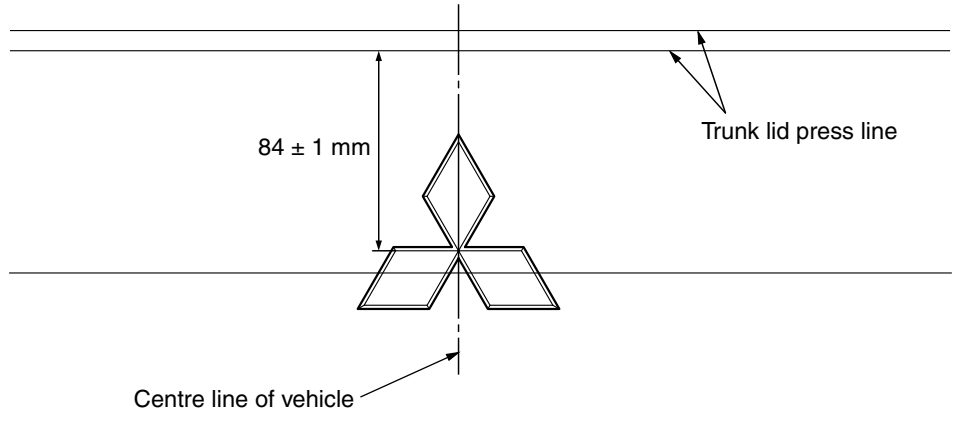
INSTALLATION SERVICE POINT

>>A<< MARK APPLICATION

1. Installation position

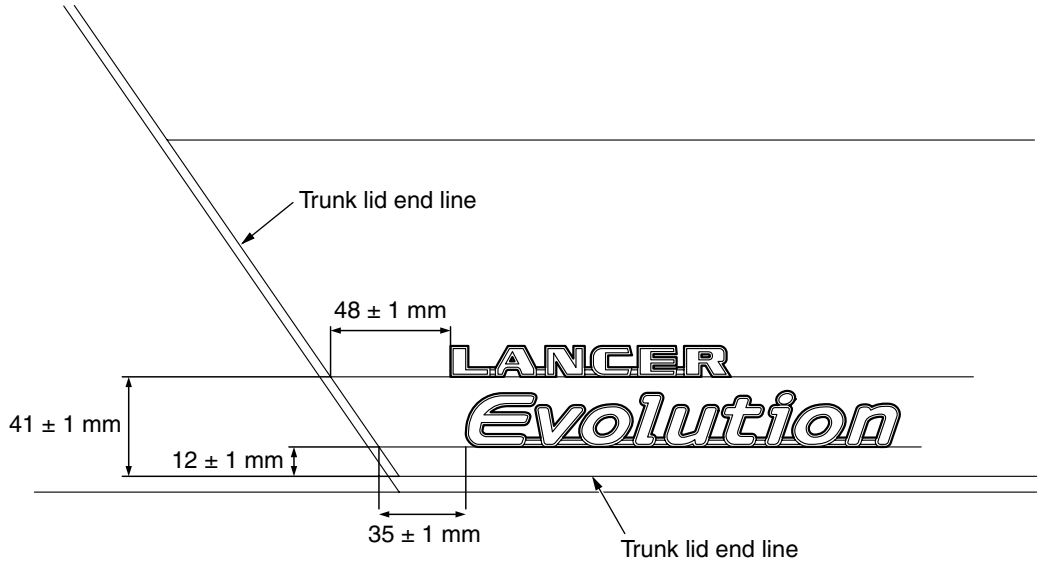
   Attach each mark to the position shown in the illustration.

Rear three-diamond mark



AC309915 AD

Lancer mark, evolution mark



AC210731 AC

2. Installation procedure
   (1) Use 3M ATD Part number 8906 or equivalent to clean the mark installation surfaces on the body.

⚠ CAUTION
When attaching the marks, the ambient temperature should be 20 – 38°C and the air should be completely free of dust. If the ancient temperature is lower than 20°C, the marks and the places on the vehicle body where the marks are to be attached should be heated to 20 – 38°C.

   (2) Peel off the protection sheet on the back of the marks to paste it on the installation position.

DOOR MIRROR

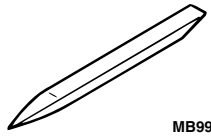
SERVICE SPECIFICATION

M1511000300347

Item	Standard value
Heated door mirror operation current Ω	5.9 – 7.8

SPECIAL TOOL

M1511000601103

Tool	Number	Name	Application
 MB990784	MB990784	Ornament remover	Removal of remote controlled mirror switch

TROUBLESHOOTING

DIAGNOSIS TROUBLESHOOTING FLOW

M1511014600169

Refer to GROUP 00 – How to Use Troubleshooting/Inspection Service Points P.00-6.

TROUBLE SYMPTOM CHART

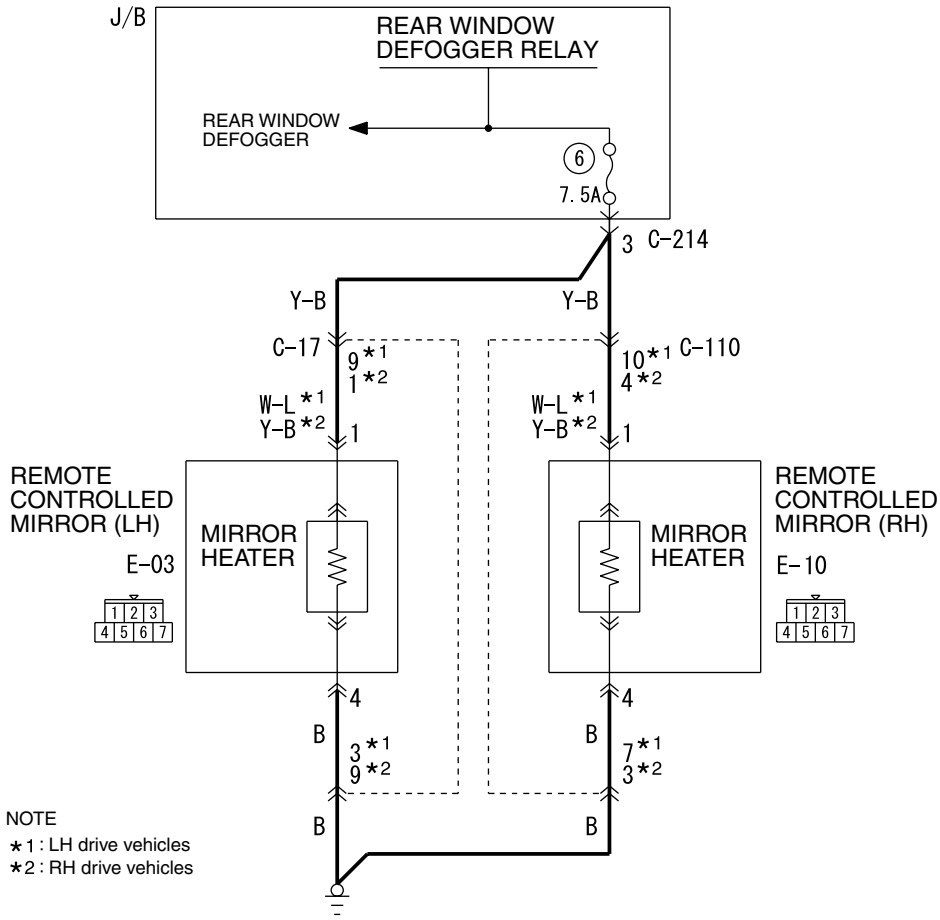
M1511015000245

Symptom	Inspection procedure	Reference page
All heated door mirrors do not operate	1	P.51-23
Right or left heated door mirror does not operate	2	P.51-25

SYMPTOM PROCEDURES

INSPECTION PROCEDURE 1: All Heated Door Mirrors do not Operate

Heated door mirror circuit



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue
BR : Brown O : Orange GR : Gray R : Red P : Pink V : Violet

W4J51E001A

COMMENTS ON TROUBLE SYMPTOM

The heated door mirrors should works for approximately 11 minutes when the rear defogger switch is turned on. If the mirror heater does not work for the specified period, the defogger relay circuit (heated door mirror power supply circuit) may be defective.

POSSIBLE CAUSES

- Damaged harness wires and connectors

DIAGNOSIS PROCEDURE

STEP 1. Check the rear window defogger.

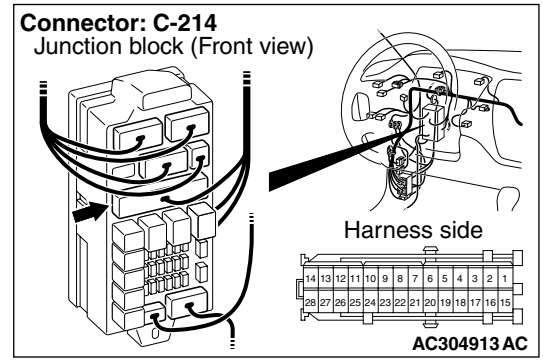
Check that the rear window defogger system should work normally.

Q: Is the check result normal?

YES : Go to Step 2.

NO : Troubleshoot the rear window defogger (Refer to GROUP 55, Troubleshooting P.55-39).

STEP 2. Connector check: C-214 junction block connector



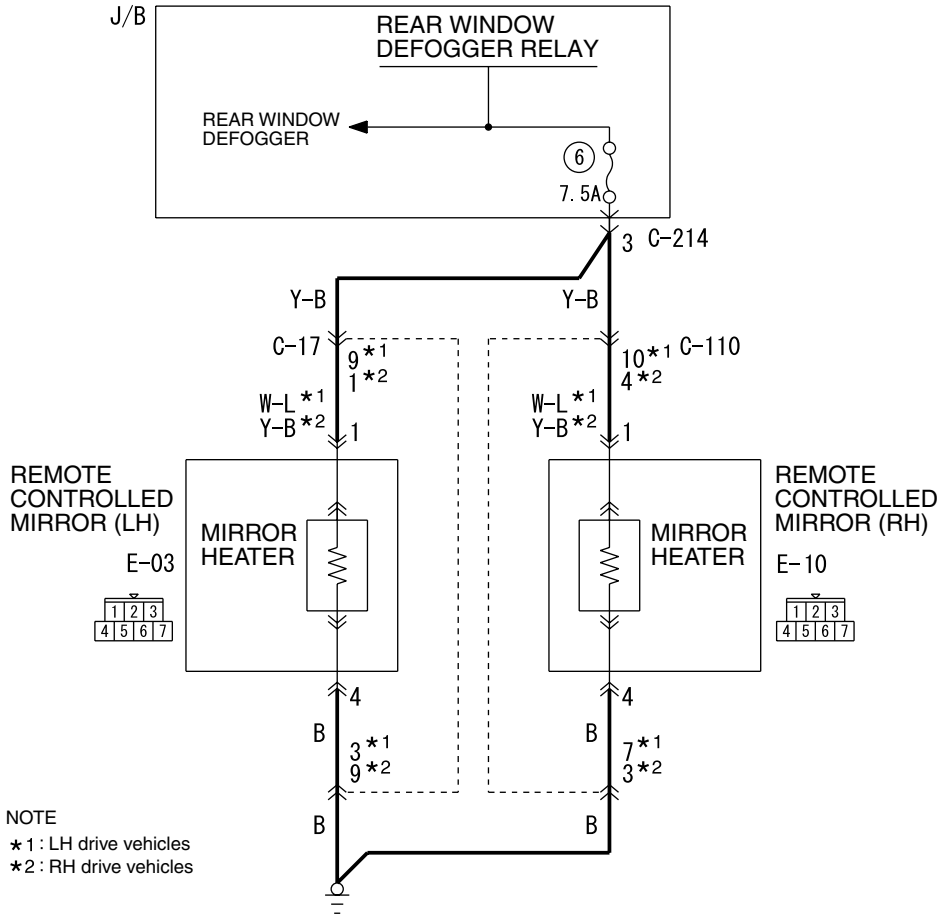
Q: Is the check result normal?

YES : Intermittent malfunction (Refer to GROUP 00 – How to Cope with Intermittent Malfunction P.00-6).

NO : Repair the defective connector.

INSPECTION PROCEDURE 2: Right or Left Heated Door Mirror does not Operate

Heated door mirror circuit



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue
BR : Brown O : Orange GR : Gray R : Red P : Pink V : Violet

W4J51E001A

COMMENTS ON TROUBLE SYMPTOM

If either of the heated door mirrors does not work, the door mirror assembly may be defective.

POSSIBLE CAUSES

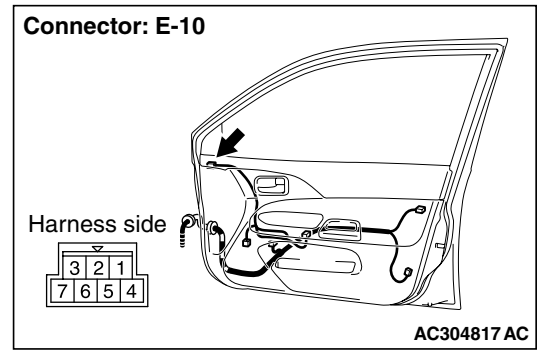
- Malfunction of the door mirror assembly
- Damaged harness wires and connectors

DIAGNOSIS PROCEDURE

Step 1. Verify the operation of each heated door mirror.

Q: Which door mirror does not heat?
Door mirror (RH) : Go to Step 2.
Door mirror (LH) : Go to Step 9.

Step 2. Connector check: E-10 door mirror assembly (RH) connector

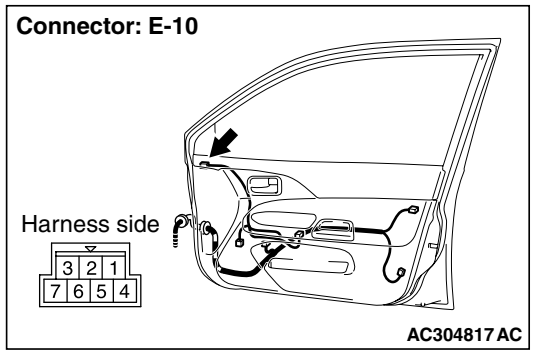


Q: Is the check result normal?
YES : Go to Step 3.
NO : Repair the defective connector.

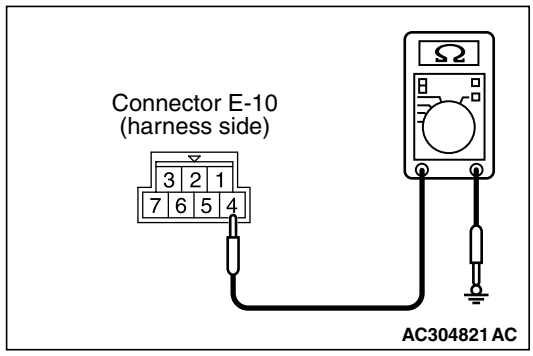
Step 3. Check the door mirror assembly (RH).
Check that the heater element of the door mirror assembly (RH) is in good condition (Refer to P.51-33).

Q: Is the check result normal?
YES : Go to Step 4.
NO : Replace the door mirror assembly (RH).

Step 4. Resistance measurement at the E-10 door mirror assembly (RH) connector.



(1) Disconnect the connector, and measure at the wiring harness side.

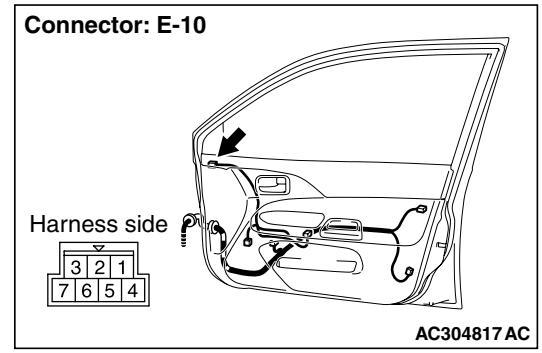


(2) Resistance between E-10 door mirror assembly connector terminal No.4 and body earth

OK: 2 Ω or less

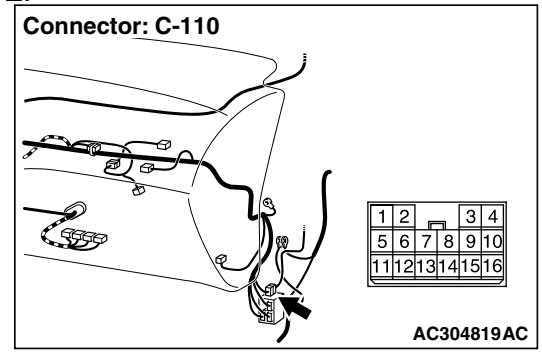
Q: Is the check result normal?
YES : Go to Step 6.
NO : Go to Step 5.

Step 5. Check the wiring harness between E-10 door mirror assembly (RH) connector terminal No.4 and body earth.



- Check the earth wires for open circuit.

NOTE:

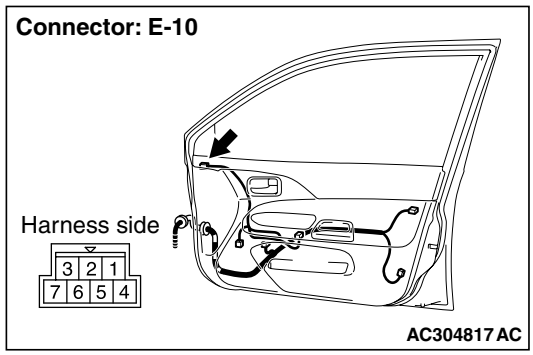


Prior to the wiring harness inspection, check intermediate connector C-110 and repair if necessary.

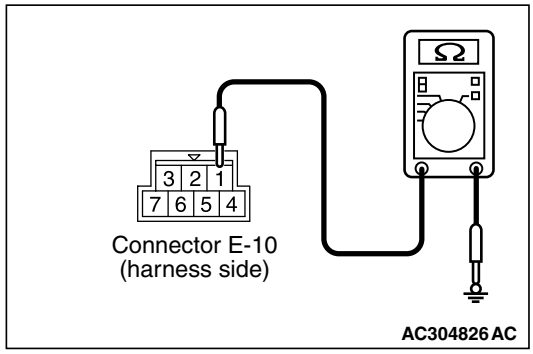
Q: Is the check result normal?
YES : Intermittent malfunction (Refer to GROUP 00 – How to Cope with Intermittent Malfunction P.00-6).
NO : Repair the wiring harness.

Step 6. Voltage measurement at the E-10 door mirror assembly (RH) connector.
(1) Turn the ignition switch to the ON position.

(2) Rear window defogger switch: ON



(3) Disconnect the connector, and measure at the wiring harness side.



(4) Voltage between E-10 door mirror assembly connector terminal No.1 and body earth

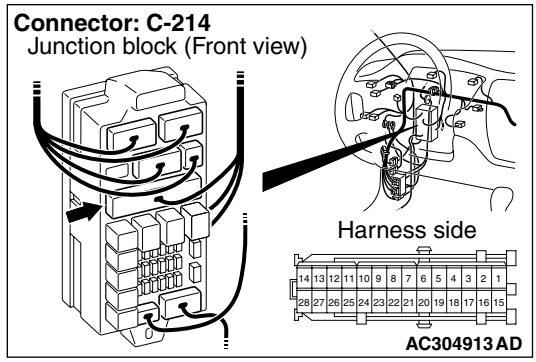
OK: System voltage

Q: Is the check result normal?

YES : Intermittent malfunction (Refer to GROUP 00 – How to Cope with Intermittent Malfunction P.00-6).

NO : Go to Step 7.

Step 7. Connector check: C-214 junction block connector

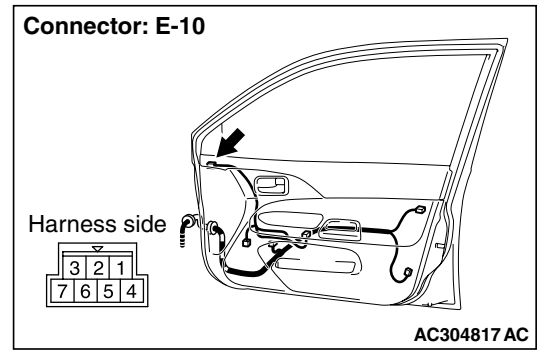


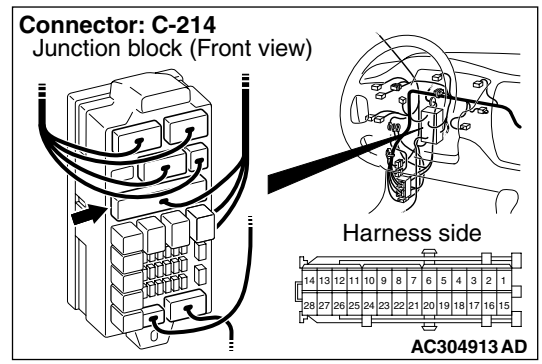
Q: Is the check result normal?

YES : Go to Step 8.

NO : Repair the defective connector.

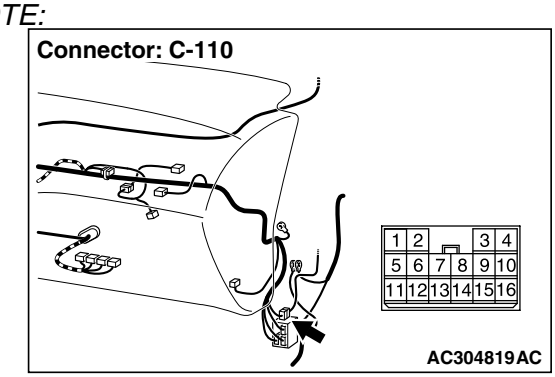
Step 8. Check the wiring harness between E-10 door mirror assembly (RH) connector terminal No.1 and C-214 junction block connector terminal No.3.





- Check the power supply line for open circuit.

NOTE:



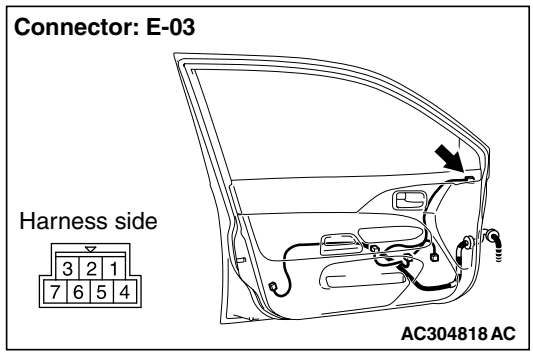
Prior to the wiring harness inspection, check intermediate connector C-110 and repair if necessary.

Q: Is the check result normal?

YES : Intermittent malfunction (Refer to GROUP 00 – How to Cope with Intermittent Malfunction P.00-6).

NO : Repair the wiring harness.

Step 9. Connector check: E-03 door mirror assembly (LH) connector

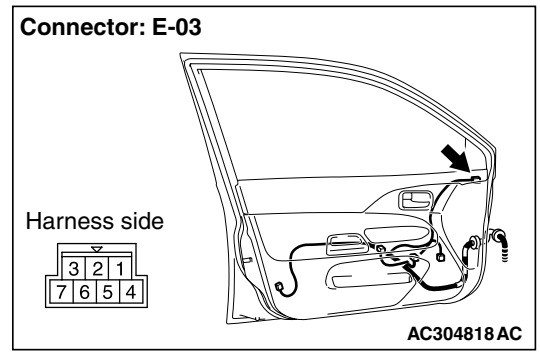


Q: Is the check result normal?
YES : Go to Step 10.
NO : Repair the defective connector.

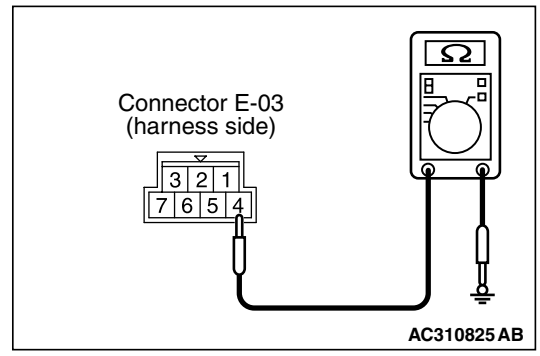
Step 10. Check the door mirror assembly (LH).
Check that the heater element of the door mirror assembly (LH) is in good condition (Refer to P.51-33).

Q: Is the check result normal?
YES : Go to Step 11.
NO : Replace the door mirror assembly (LH).

Step 11. Resistance measurement at the E-03 door mirror assembly (LH) connector.



(1) Disconnect the connector, and measure at the wiring harness side.

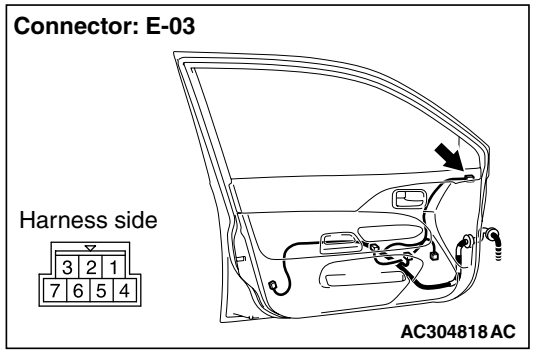


(2) Resistance between E-03 door mirror assembly connector terminal No.4 and body earth

OK: 2 Ω or less

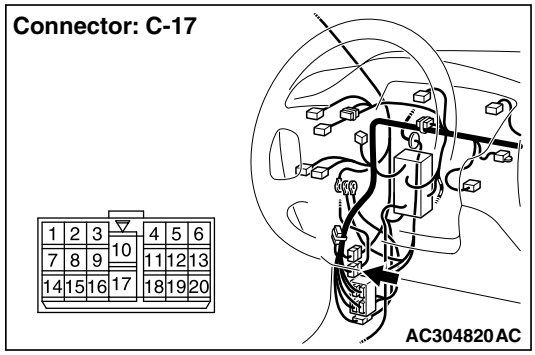
Q: Is the check result normal?
YES : Go to Step 14.
NO : Go to Step 12.

Step 12. Check the wiring harness between E-03 door mirror assembly (LH) connector terminal No.4 and body earth.



- Check the earth wires for open circuit.

NOTE:



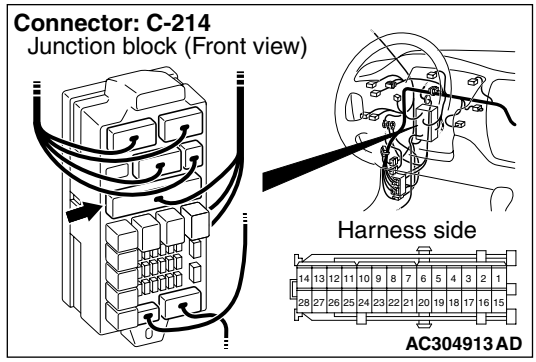
Prior to the wiring harness inspection, check intermediate connector C-17 and repair if necessary.

Q: Is the check result normal?

YES : Intermittent malfunction (Refer to GROUP 00 – How to Cope with Intermittent Malfunction P.00-6).

NO : Repair the wiring harness.

Step 13. Connector check: C-214 junction block connector



Q: Is the check result normal?

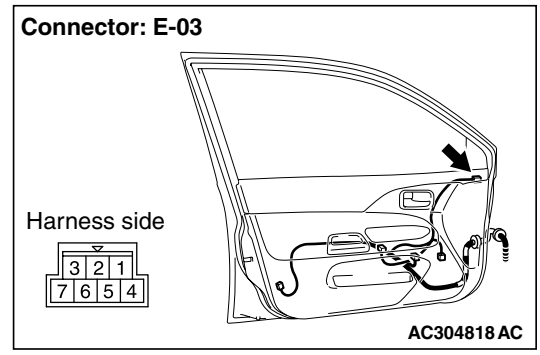
YES : Go to Step 14.

NO : Repair the defective connector.

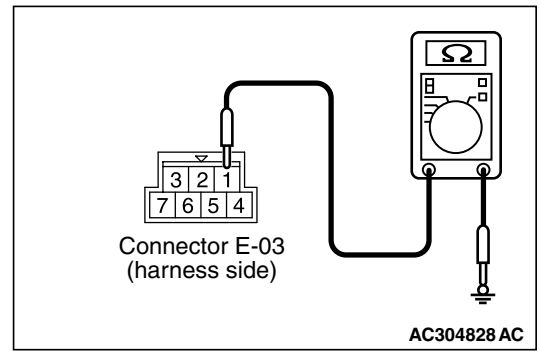
Step 14. Measure the voltage at the E-03 door mirror assembly (LH) connector.

(1) Turn the ignition switch to the ON position.

(2) Rear window defogger switch: ON



(3) Disconnect the connector, and measure at the wiring harness side.



(4) Voltage between E-03 door mirror assembly connector terminal No.1 and body earth

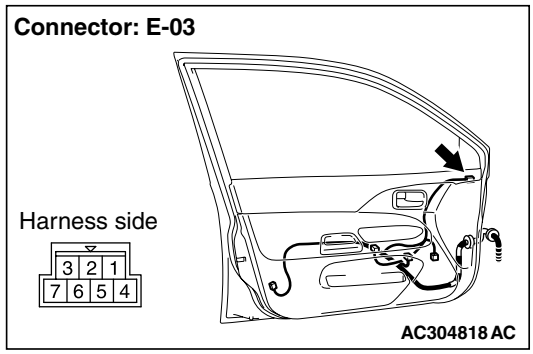
OK: System voltage

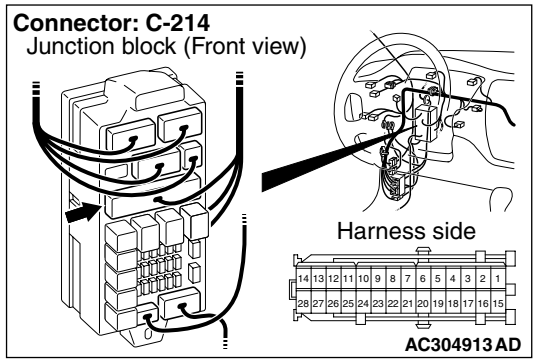
Q: Is the check result normal?

YES : Intermittent malfunction (Refer to GROUP 00 – How to Cope with Intermittent Malfunction P.00-6).

NO : Go to Step 15.

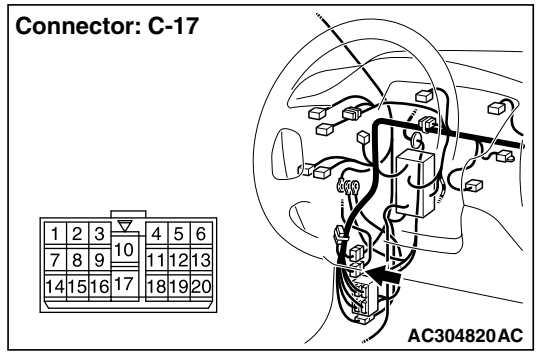
Step 15. Check the wiring harness between E-03 door mirror assembly (LH) connector terminal No.1 and C-214 junction block connector terminal No.3.





- Check the power supply line for open circuit.

NOTE:



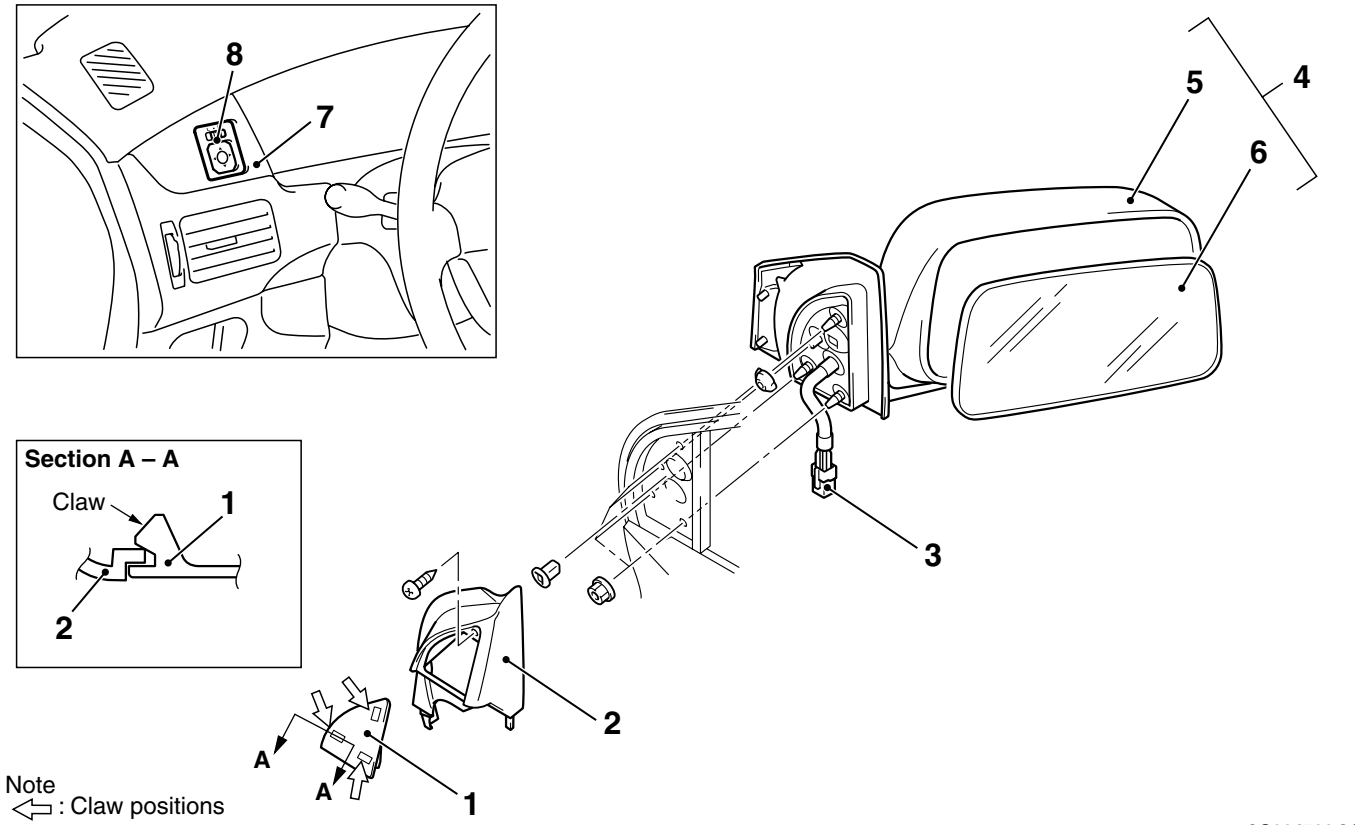
Prior to the wiring harness inspection, check intermediate connector C-17 and repair if necessary.

Q: Is the check result normal?
YES : Intermittent malfunction (Refer to GROUP 00 – How to Cope with Intermittent Malfunction P.00-6).
NO : Repair the wiring harness.

DOOR MIRROR

REMOVAL AND INSTALLATION

M1511006400461



AC304733 AC

Door mirror removal steps

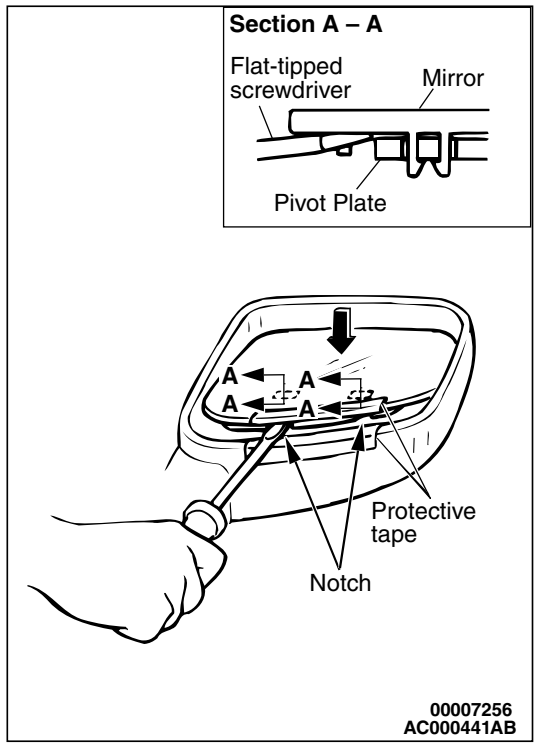
1. Cover
2. Delta inner cover
3. Harness connector
4. Door mirror assembly
5. Door mirror body assembly

<<A>> >>A<< 6. Mirror

Remote controlled mirror switch removal steps

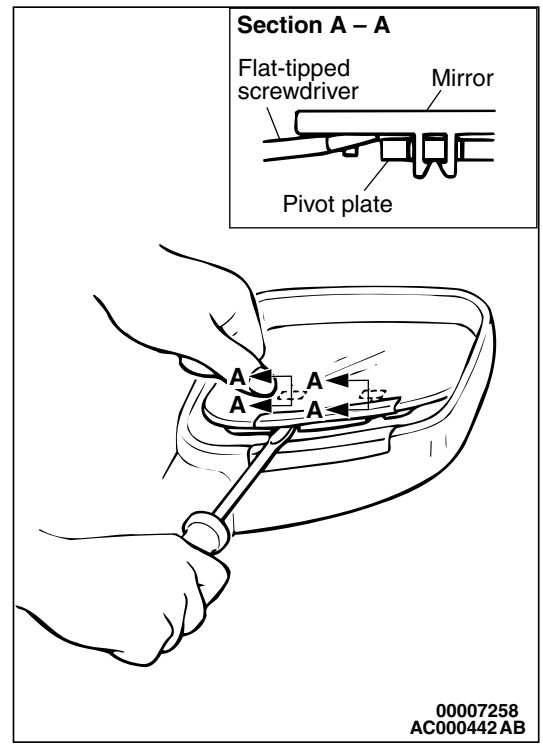
7. Instrument panel ornament (Refer to GROUP 52A, Instrument Panel P.52A-2).
8. Remote controlled mirror switch

REMOVAL SERVICE POINT
<<A>> MIRROR REMOVAL



Push the top of the mirror with your hand to tilt it and attach the protective tape as shown in the illustration. Then insert a flat-tipped screwdriver in between the notch at the rear of the mirror and the pivot plate, and disengage the bottom of the mirror.

INSTALLATION SERVICE POINT
>>A<< MIRROR INSTALLATION

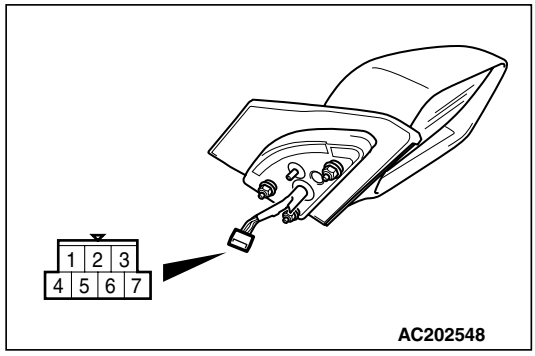


While supporting the clip position on the underside of the pivot plate with a flat-tipped screwdriver, press the clip at the front of the mirror to engage the bottom of the mirror.

INSPECTION

M1511006500372

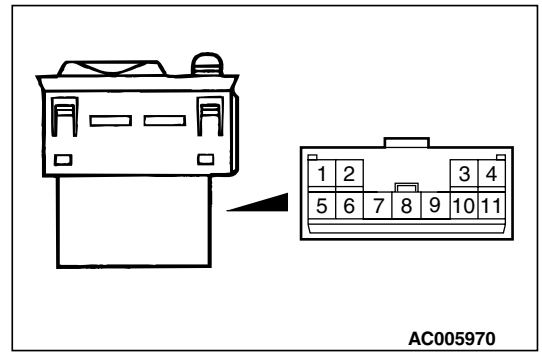
ELECTRIC REMOTE CONTROL MIRROR OPERATION CHECK



Check that the mirror moves as described in the table when each terminal is connected to the battery.

Battery connection	Direction operation
• Connect terminal 5 to the negative battery terminal. • Connect terminal 7 to the positive battery terminal.	Mirror glass should face upward
• Connect terminal 7 to the negative battery terminal. • Connect terminal 5 to the positive battery terminal.	Mirror glass should face downward
• Connect terminal 5 to the negative battery terminal. • Connect terminal 6 to the positive battery terminal.	Mirror glass should face to the right
• Connect terminal 6 to the negative battery terminal. • Connect terminal 5 to the positive battery terminal.	Mirror glass should face to the left

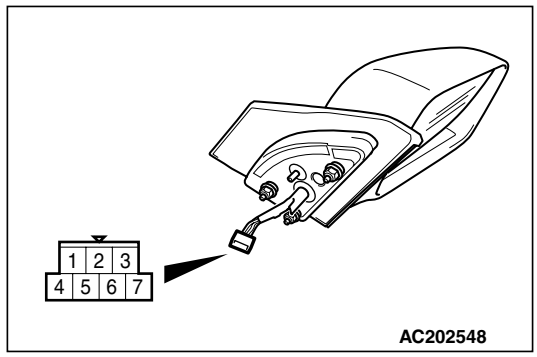
DOOR MIRROR CONTROL SWITCH CONTINUITY CHECK



Switch position		Tester connection	Specified condition
OFF		9 – 2, 9 – 3, 9 – 6, 9 – 10, 9 – 11, 1 – 2, 1 – 3, 1 – 6, 1 – 10, 1 – 11	Open circuit
Left side	OFF	9 – 6, 9 – 10, 9 – 11, 1 – 6, 1 – 10, 1 – 11	Open circuit
	Up	1 – 6, 9 – 11	Less than 2 ohms
	Down	1 – 11, 6 – 9	
	Right	1 – 6, 9 – 10	
	Left	1 – 10, 6 – 9	
Right side	OFF	9 – 2, 9 – 3, 9 – 6, 1 – 2, 1 – 3, 1 – 6	Open circuit
	Up	1 – 6, 3 – 9	Less than 2 ohms
	Down	1 – 3, 6 – 9	
	Right	1 – 6, 2 – 9	
	Left	1 – 2, 6 – 9	

HEATED DOOR MIRROR CHECK

⚠ CAUTION
When relocating the car between locations with extremely different temperatures (warm and cold), leave the car in the location for a while to adapt to the temperature prior to checking it.



The resistance value between door mirror connector terminals 1 and 4 should meet the standard value with the ambient temperature at a steady 25°C.

Standard value: 5.9 – 7.8 Ω