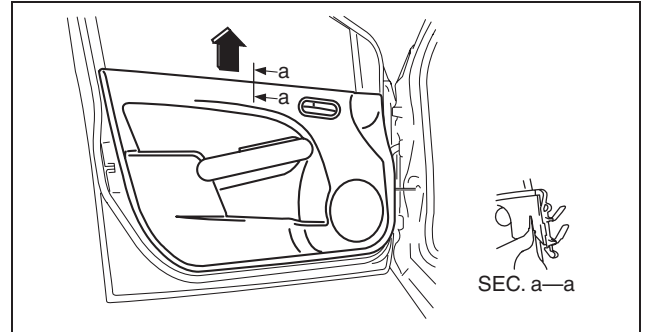


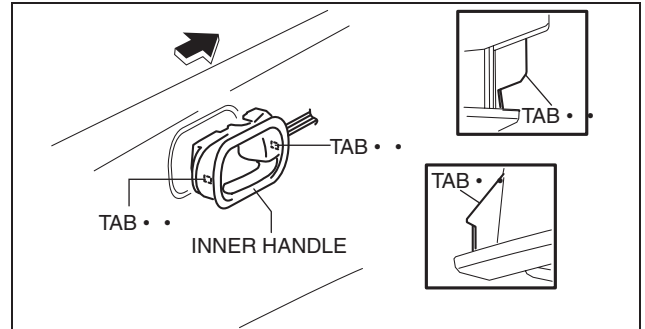
INTERIOR TRIM

7. Remove the front door trim in the direction of the arrow shown in the figure.



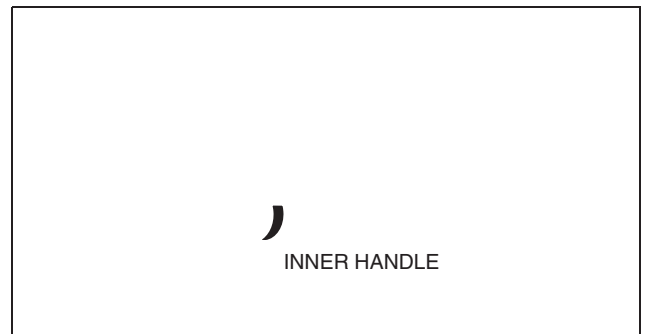
am2zzw0000249

8. Remove the inner handle and move the front door trim in the direction of the arrow shown in the figure.



am2zzw0000249

9. Turn the inner handle 90° in the direction of the arrow and remove it from the front door trim.
10. Disconnect the driver-side power outer mirror switch connector, driver-side power window main switch connector, and passenger-side power window subswitch connector.
11. Install in the reverse order of removal.

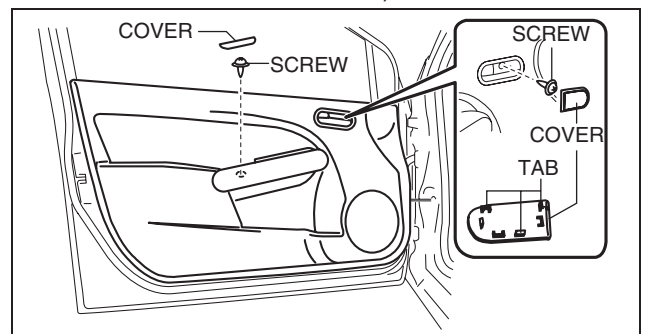


am2zzw0000249

FRONT DOOR TRIM REMOVAL/INSTALLATION [3HB]

id0917004597z3

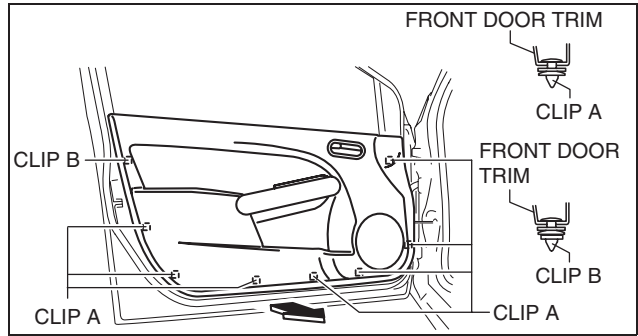
1. Disconnect the negative battery cable.
2. Remove the inner garnish. (See 09-17-34 INNER GARNISH REMOVAL/INSTALLATION)
3. Pull the cover of inner handle while remove the tabs.
4. Remove the screw.



am2zzw0000341

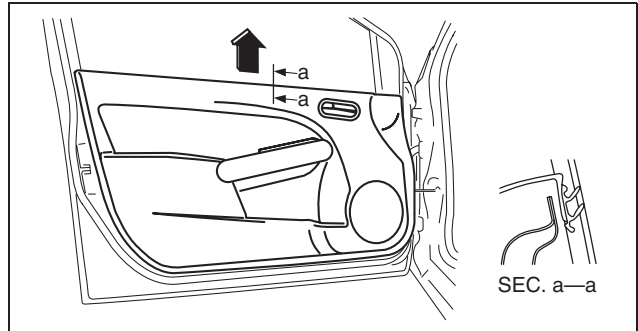
INTERIOR TRIM

5. Pull in the direction of the arrow shown in the figure and remove clips A and B from the door inner panel using a fastener remover.



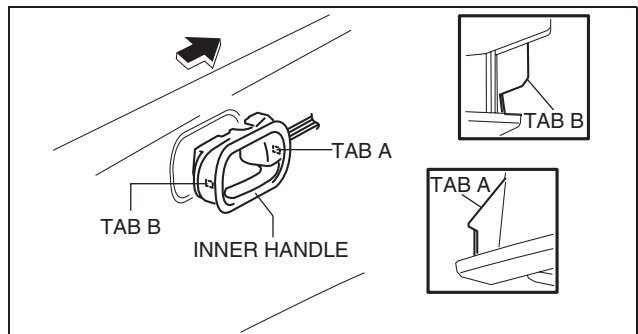
am2zzw0000341

6. Remove the front door trim in the direction of the arrow shown in the figure.



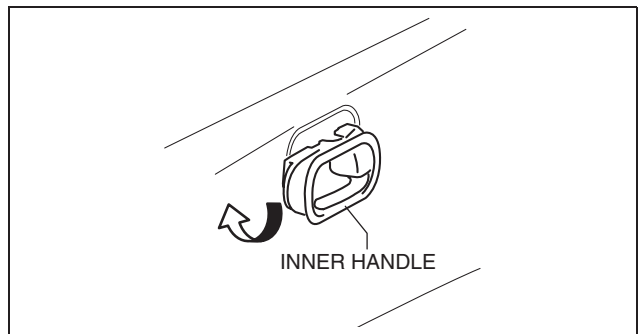
am2zzw0000341

7. Remove the inner handle and move the front door trim in the direction of the arrow shown in the figure.



am2zzw0000342

8. Turn the inner handle 90° in the direction of the arrow and remove it from the front door trim.
9. Disconnect the driver-side power outer mirror switch connector, driver-side power window main switch connector, and passenger-side power window subswitch connector.
10. Install in the reverse order of removal.



am2zzw0000342

FRONT DOOR TRIM DISASSEMBLY/ASSEMBLY

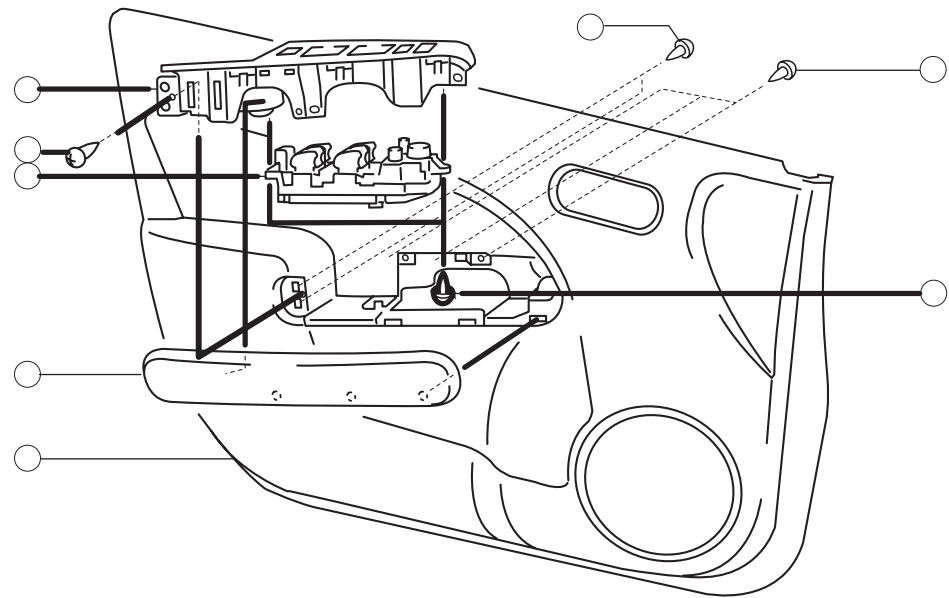
1. Disassemble in the order shown in the figure.

id091700720000

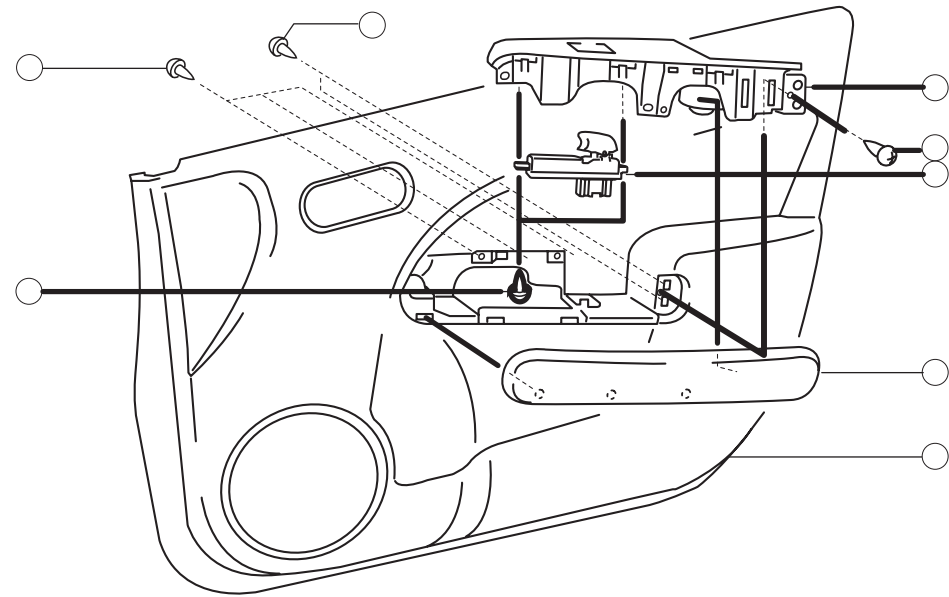
INTERIOR TRIM

L.H.D.

DRIVER-SIDE



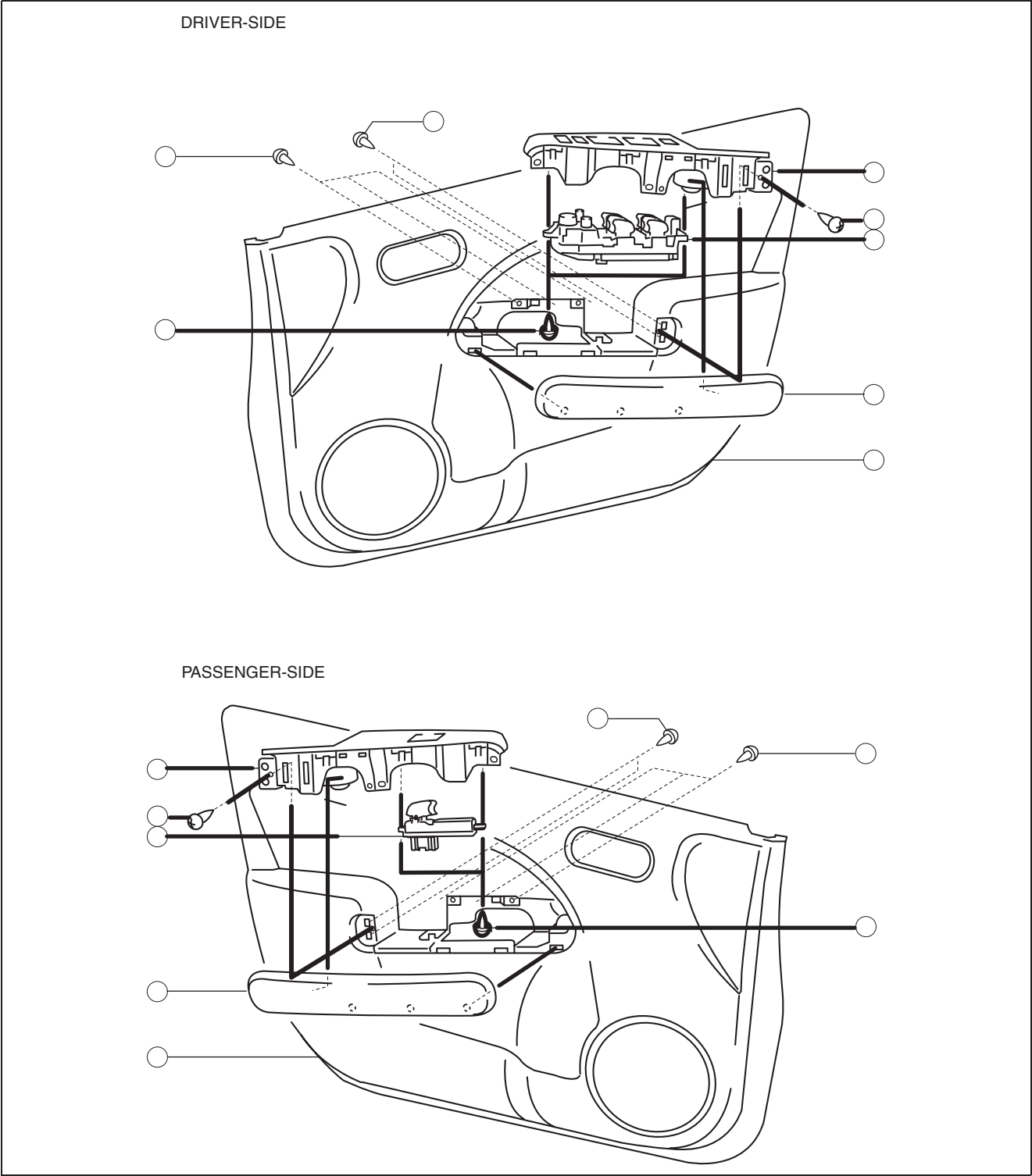
PASSENGER-SIDE



am2zzw0000195

INTERIOR TRIM

R.H.D.



am2zzw0000196

1	Front door trim
2	Screw A
3	Front door decoration panel
4	Screw B
5	Screw C

6	Switch panel
7	Screw D
8	Power window main switch
9	Power window subswitch

2. Assemble in the reverse order of disassembly.

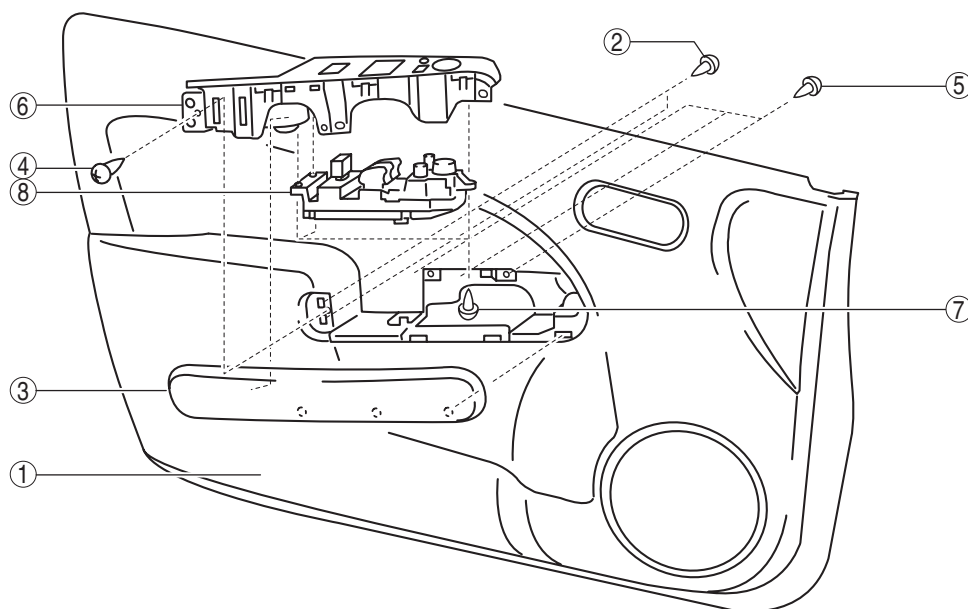
INTERIOR TRIM

FRONT DOOR TRIM DISASSEMBLY/ASSEMBLY [3HB]

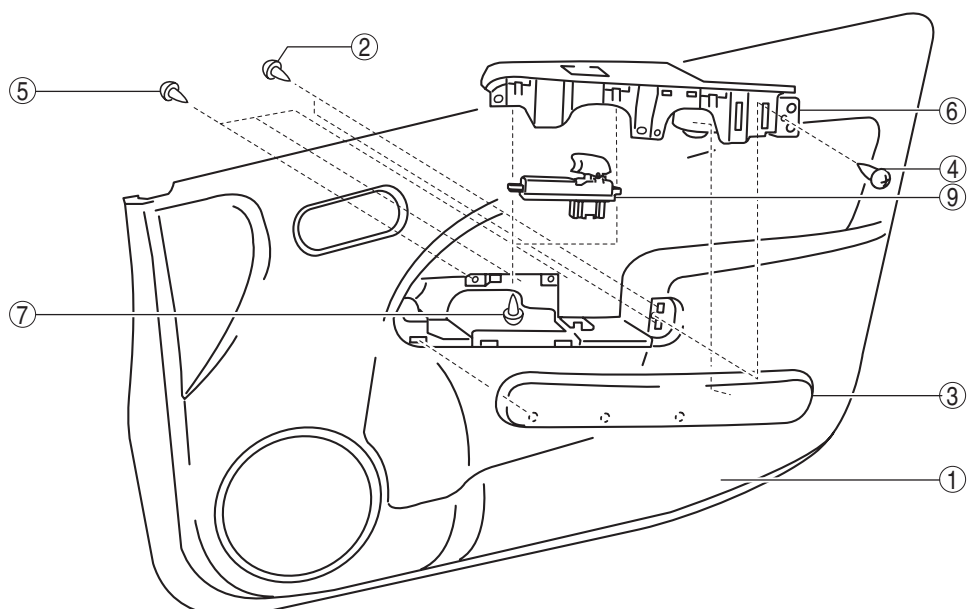
id0917007200z3

1. Disassemble in the order shown in the figure.
L.H.D.

DRIVER-SIDE



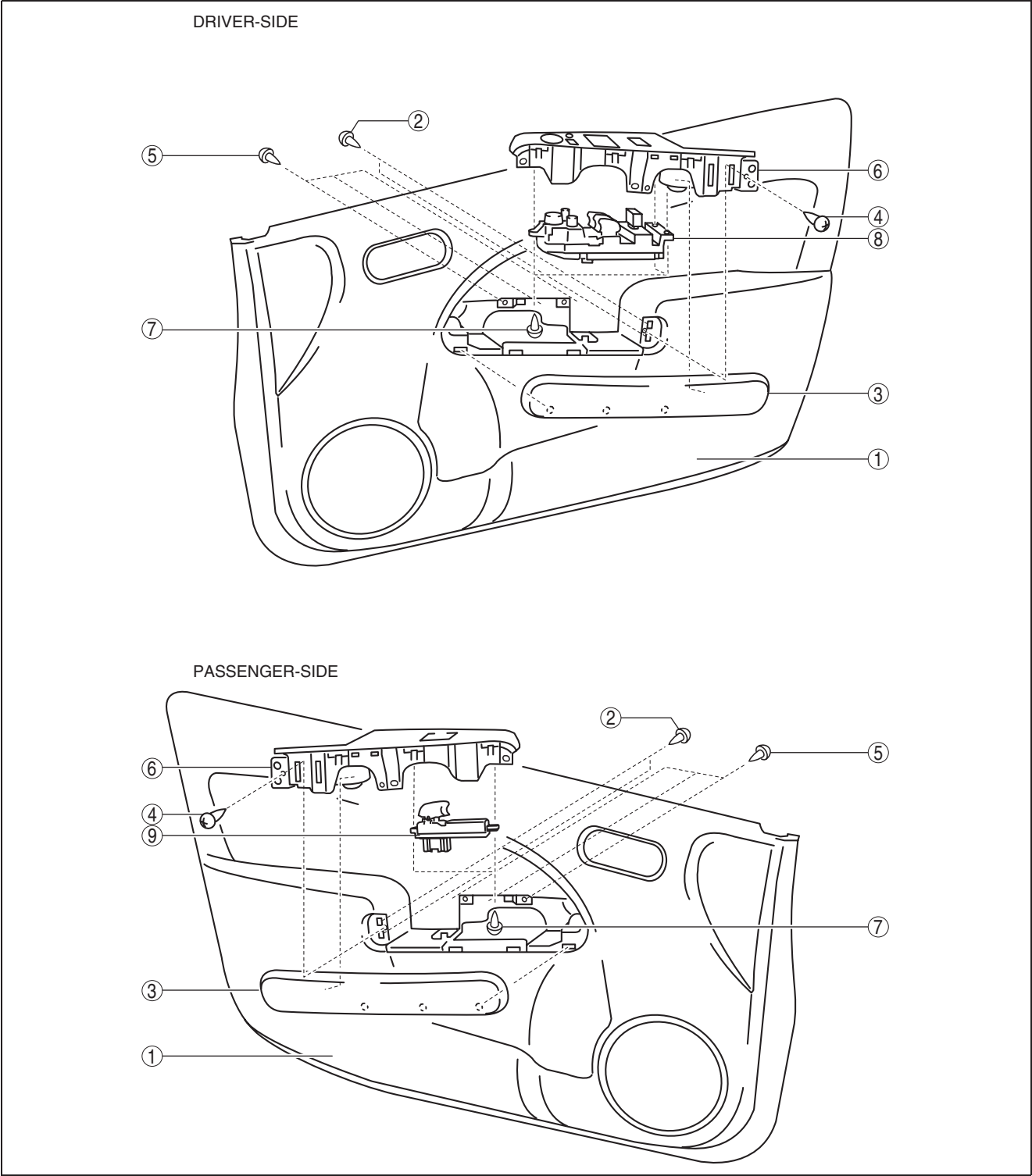
PASSENGER-SIDE



am2zzw0000342

INTERIOR TRIM

R.H.D.



am2zzw0000342

1	Front door trim
2	Screw A
3	Front door decoration panel
4	Screw B
5	Screw C

6	Switch panel
7	Screw D
8	Power window main switch
9	Power window subswitch

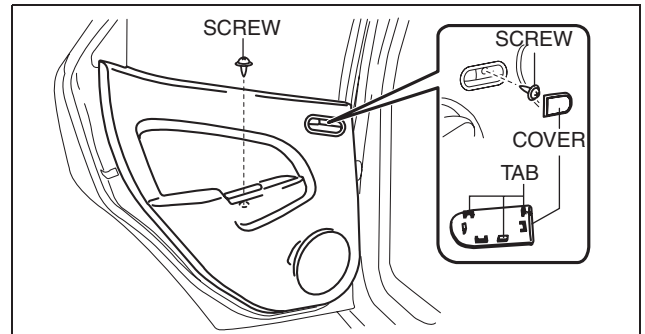
2. Assemble in the reverse order of disassembly.

INTERIOR TRIM

REAR DOOR TRIM REMOVAL/INSTALLATION

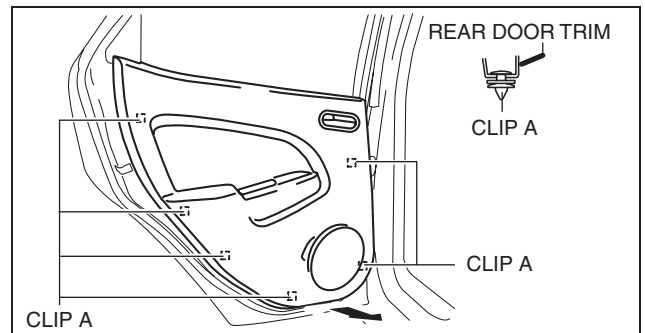
id091700460000

1. Disconnect the negative battery cable.
2. Remove the sail inner garnish. (See 09-17-53 SAIL INNER GARNISH REMOVAL/INSTALLATION)
3. Pull the cover of inner handle while remove the tabs.
4. Remove the screw.



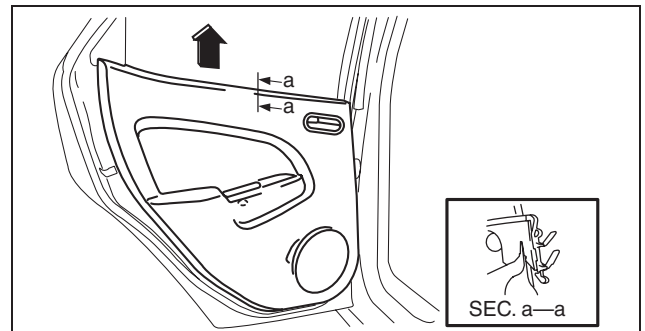
am2zzw0000261

5. Pull in the direction of the arrow shown in the figure and remove clips A from the door inner panel using a fastener remover.



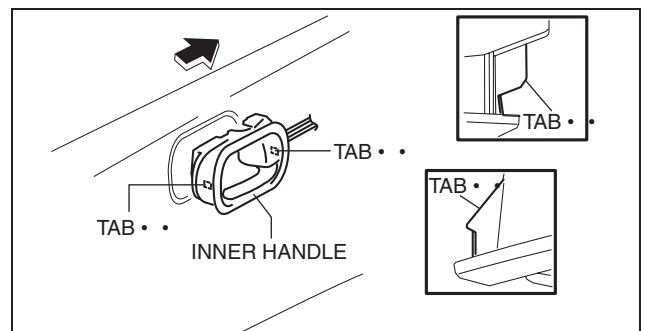
adejjw00003405

6. Remove the rear door trim in the direction of the arrow shown in the figure.



am2zzw0000249

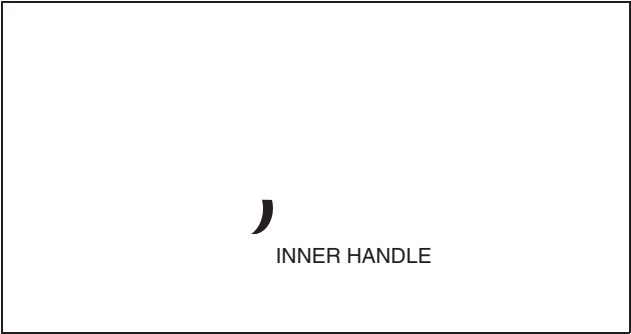
7. Remove the inner handle and move the rear door trim in the direction of the arrow shown in the figure.



adejjw00003399

INTERIOR TRIM

- 8. Turn the inner handle 90° in the direction of the arrow and remove it from the rear door trim.
- 9. Disconnect the power window subswitch connector.
- 10. Install in the reverse order of removal.

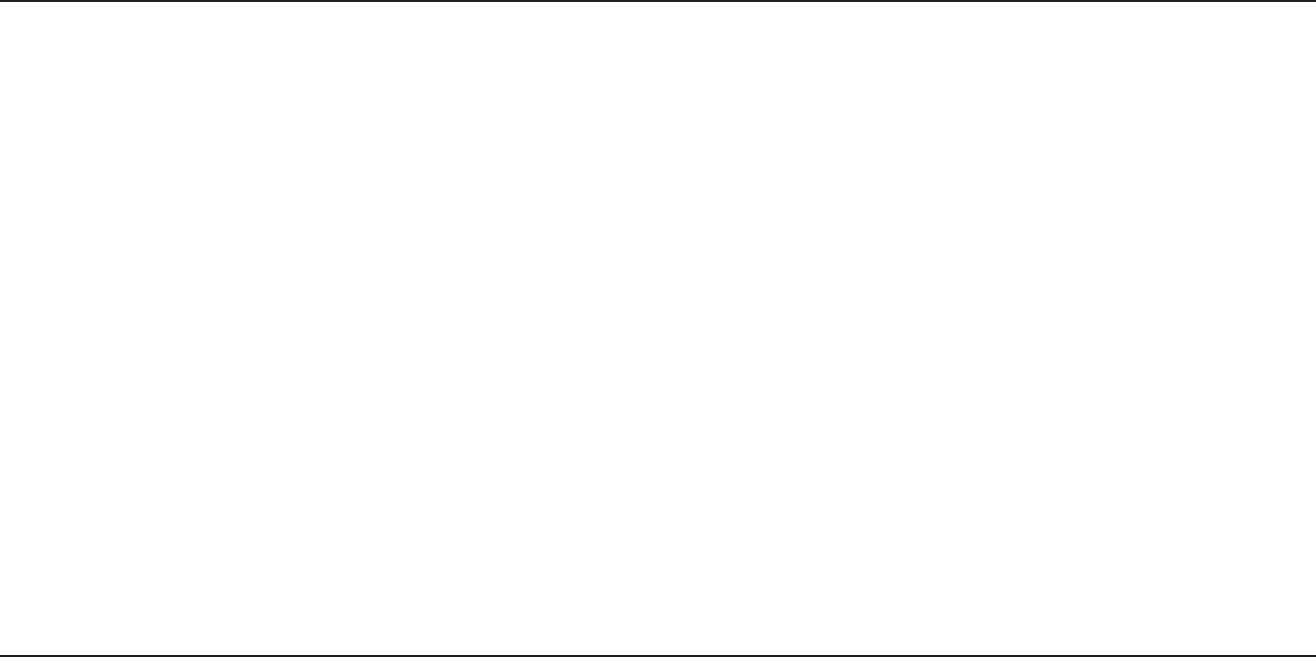


am2zzw0000184

REAR DOOR TRIM DISASSEMBLY/ASSEMBLY

id091700463300

- 1. Disassemble in the order indicated in the figure.



am2zzw0000252

1	Rear door trim
2	Screw A
3	Power window subswitch panel

4	Screw B
5	Power window subswitch

- 2. Assemble in the reverse order of disassembly.

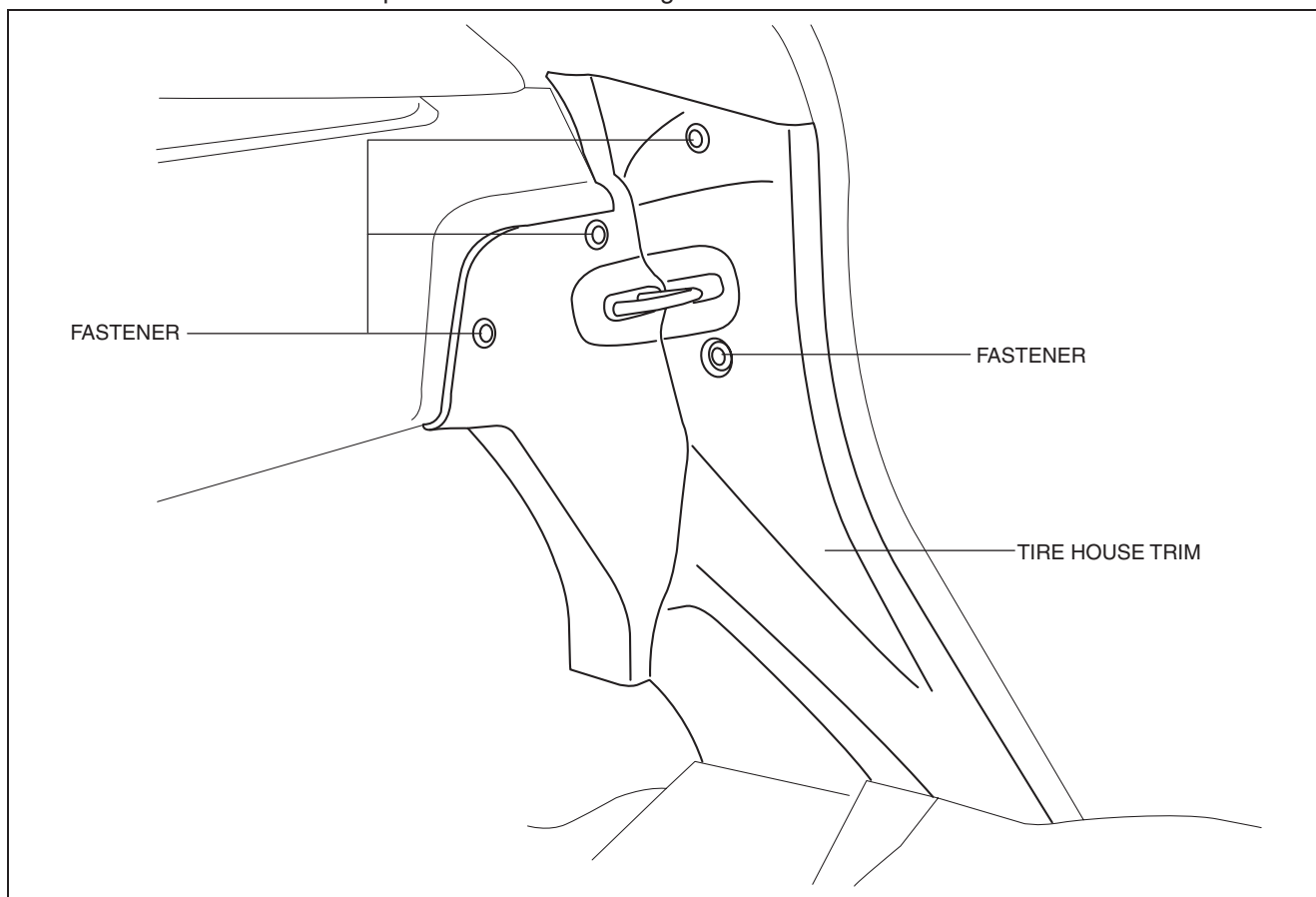
TIRE HOUSE TRIM REMOVAL/INSTALLATION [4SD]

id0917008027a3

- 1. Remove the rear scuff plate. (See 09-17-58 REAR SCUFF PLATE REMOVAL/INSTALLATION.)
- 2. Remove the rear seat cushion. (See 09-13-31 REAR SEAT CUSHION REMOVAL/INSTALLATION.)
- 3. Lower the rear seatbacks.

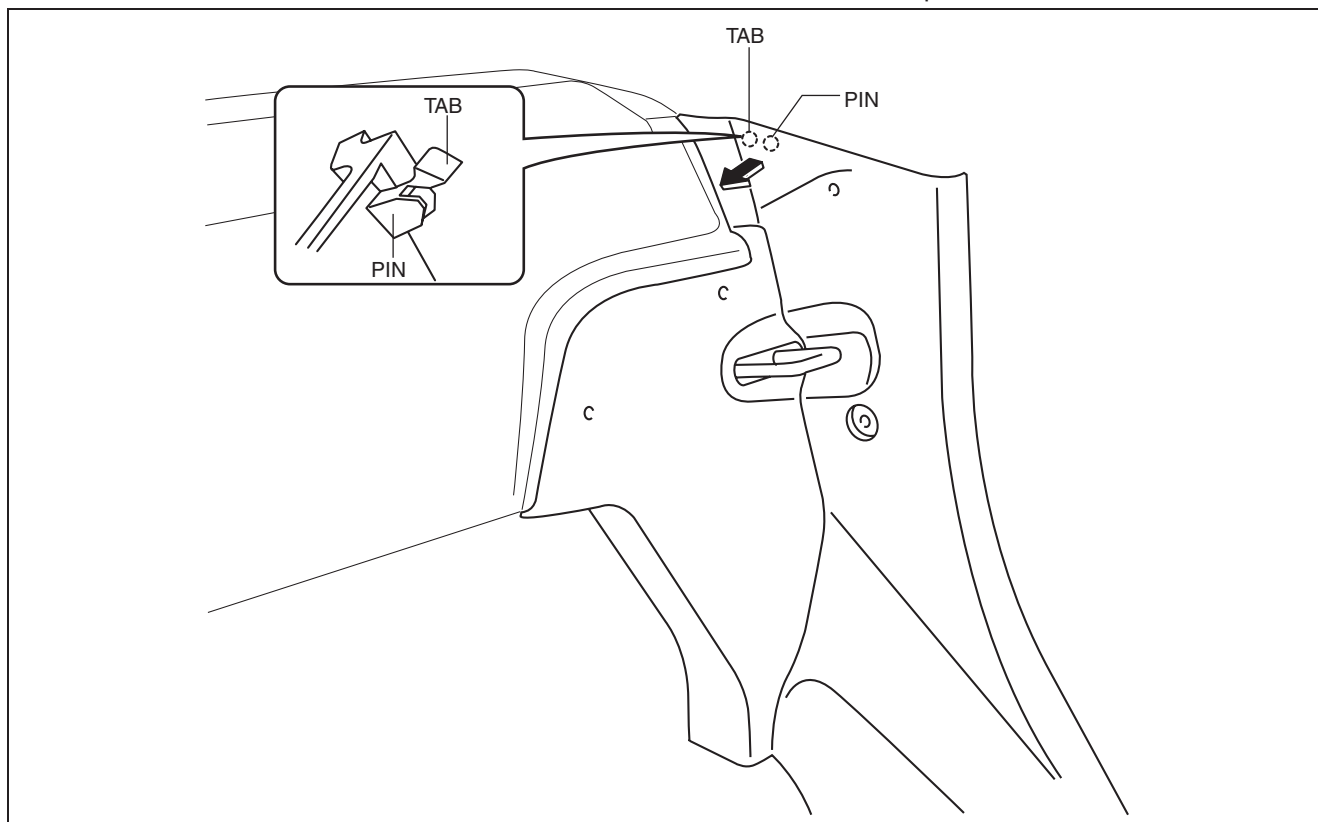
INTERIOR TRIM

4. Remove the fasteners in the positions shown in the figure.



am2ccw0000016

5. Partially peel back the seaming welt.
6. Pull the tire house trim in the direction of the arrow and remove the tab and pin.



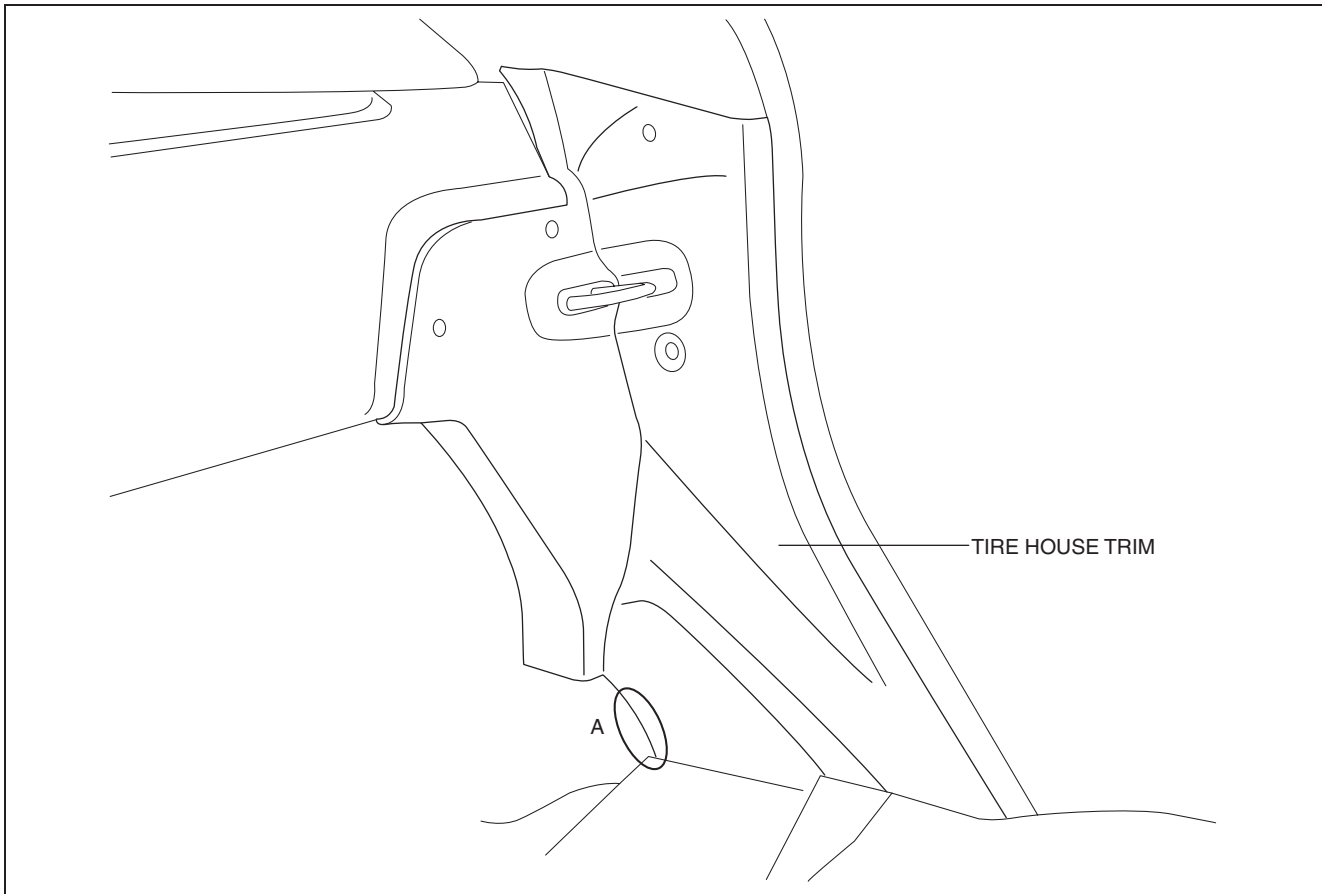
am2ccw0000016

INTERIOR TRIM

7. Set the rear seat backs out of the way while removing the tire house trim.
8. Install in the reverse order of removal. (See 09-17-68 Tire House Trim Installation Note.)

Tire House Trim Installation Note

1. Verify that part A is inserted into the trunk side trim as shown in the figure.

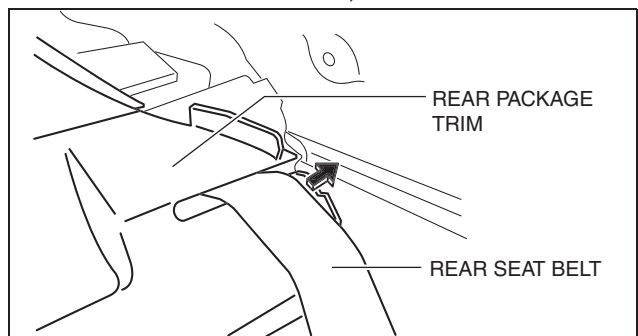


am2ccw0000024

REAR PACKAGE TRIM REMOVAL/INSTALLATION [4SD]

id0917008028a3

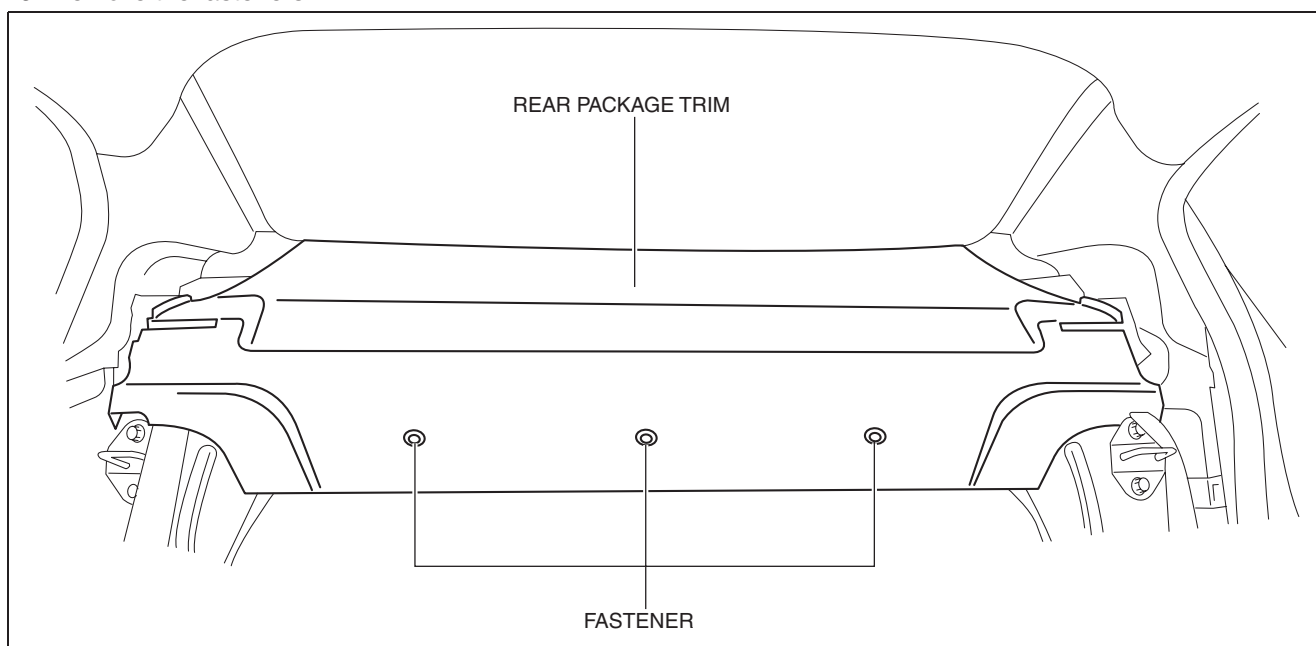
1. Remove the rear scuff plate. (See 09-17-58 REAR SCUFF PLATE REMOVAL/INSTALLATION.)
2. Remove the rear seat cushion. (See 09-13-31 REAR SEAT CUSHION REMOVAL/INSTALLATION.)
3. Remove the tire house trim. (See 09-17-66 TIRE HOUSE TRIM REMOVAL/INSTALLATION [4SD].)
4. Remove the C-pillar trim. (See 09-17-46 C-PILLAR TRIM REMOVAL/INSTALLATION.)
5. Pull out the left and right rear seat belts from the slit areas of the rear package trim.



am2ccw0000016

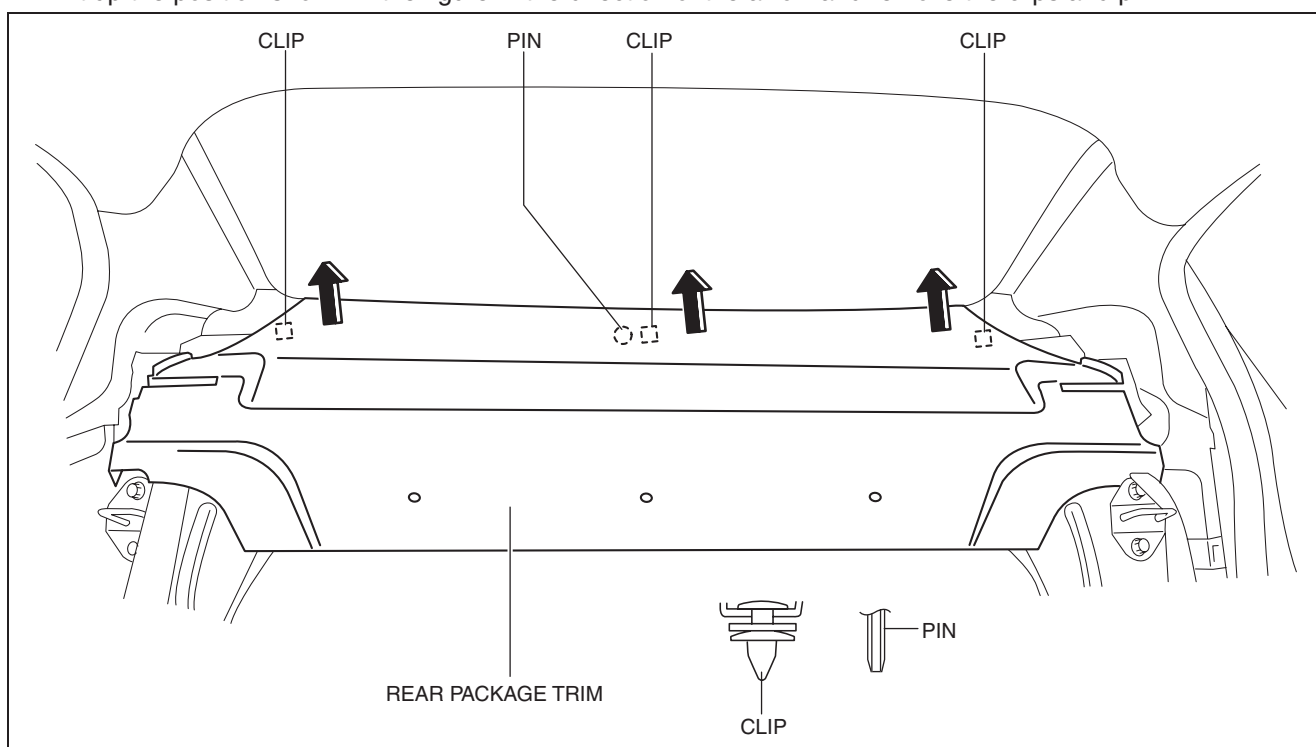
INTERIOR TRIM

6. Remove the fasteners.



am2ccw0000016

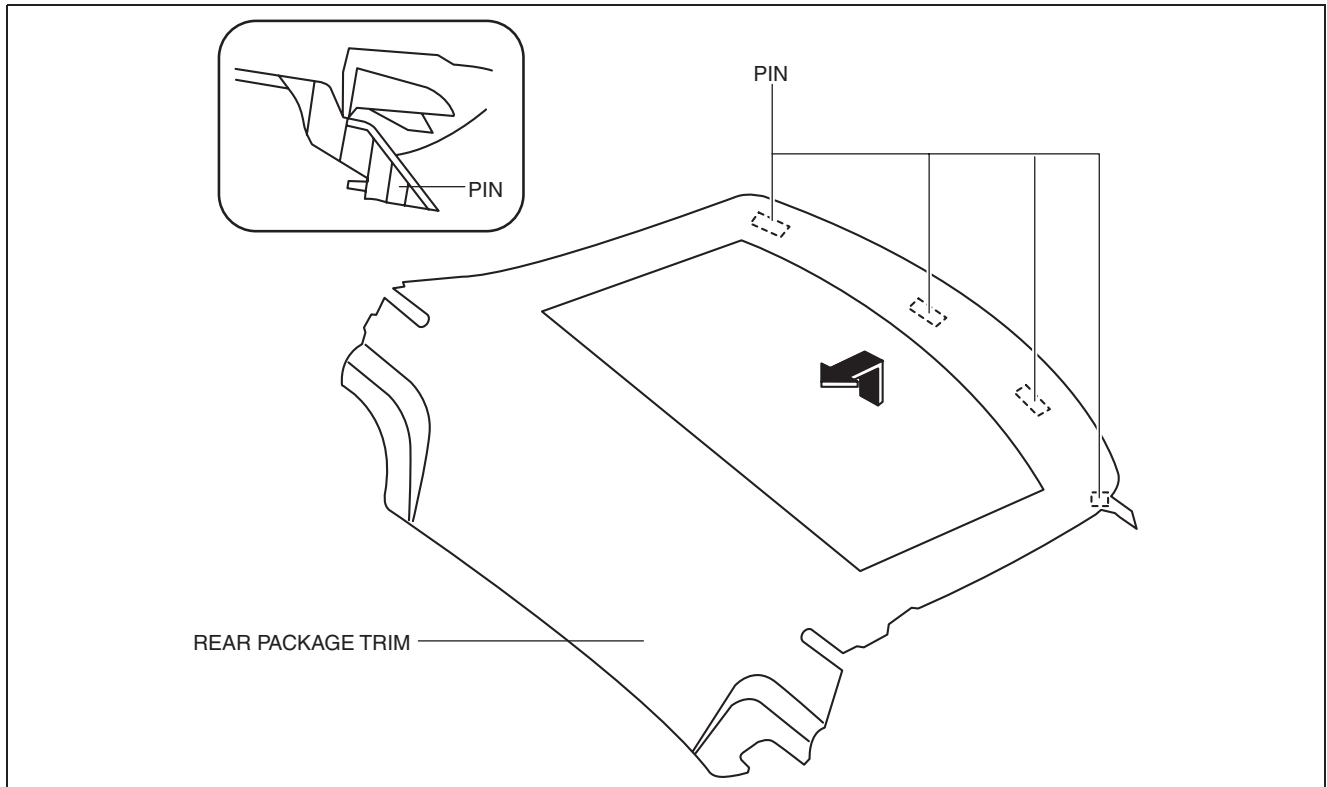
7. Lift up the position shown in the figure in the direction of the arrow and remove the clips and pin.



am2ccw0000016

INTERIOR TRIM

8. Slide the rear package trim in the direction shown by the arrow in the figure and remove the pins from the body.



am2ccw0000016

9. Remove the rear package trim.

10. Install in the reverse order of removal.

TRUNK SIDE TRIM REMOVAL/INSTALLATION

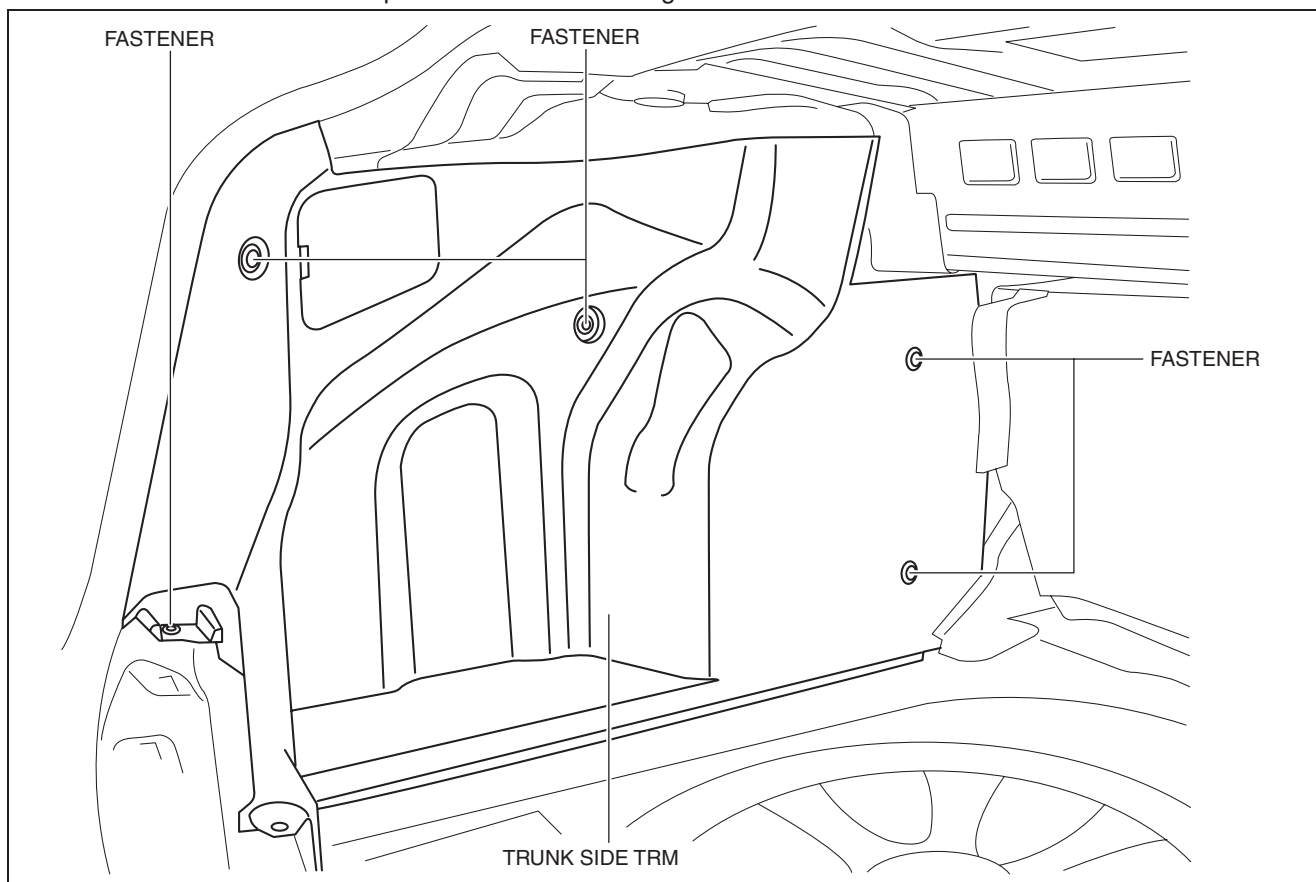
id091700462300

4SD

1. Open the trunk lid.
2. Remove the following parts:
 - (1) Rear scuff plate (See 09-17-58 REAR SCUFF PLATE REMOVAL/INSTALLATION.)
 - (2) Rear seat cushion (See 09-13-31 REAR SEAT CUSHION REMOVAL/INSTALLATION.)
 - (3) Tire house trim (See 09-17-66 TIRE HOUSE TRIM REMOVAL/INSTALLATION [4SD].)
 - (4) Trunk mat.
 - (5) Trunk board.
 - (6) Trunk end trim. (See 09-17-75 TRUNK END TRIM REMOVAL/INSTALLATION)

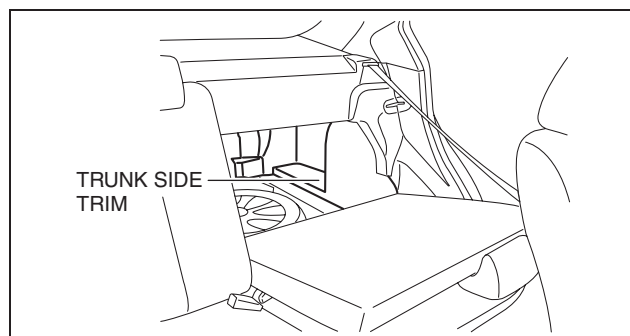
INTERIOR TRIM

3. Remove the fasteners in the positions shown in the figure.



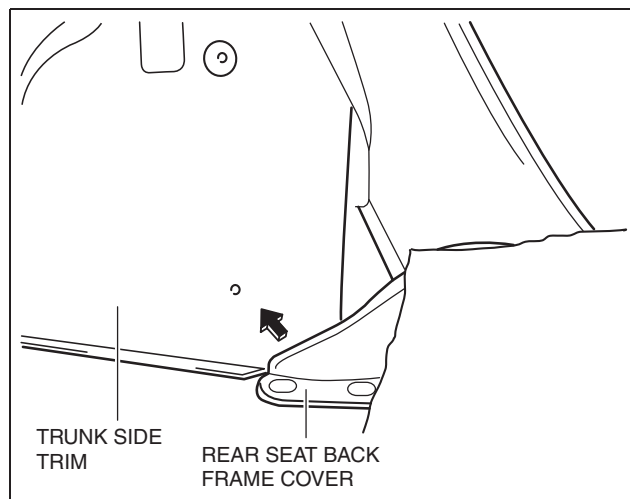
am2ccw0000012

4. Lower the rear seat backs and make the trunk side trim visible from the vehicle interior.



am2ccw0000012

5. Set the trunk side trim away from the rear seat back frame cover.
6. Remove the trunk side trim.
7. Install in the reverse order of removal.

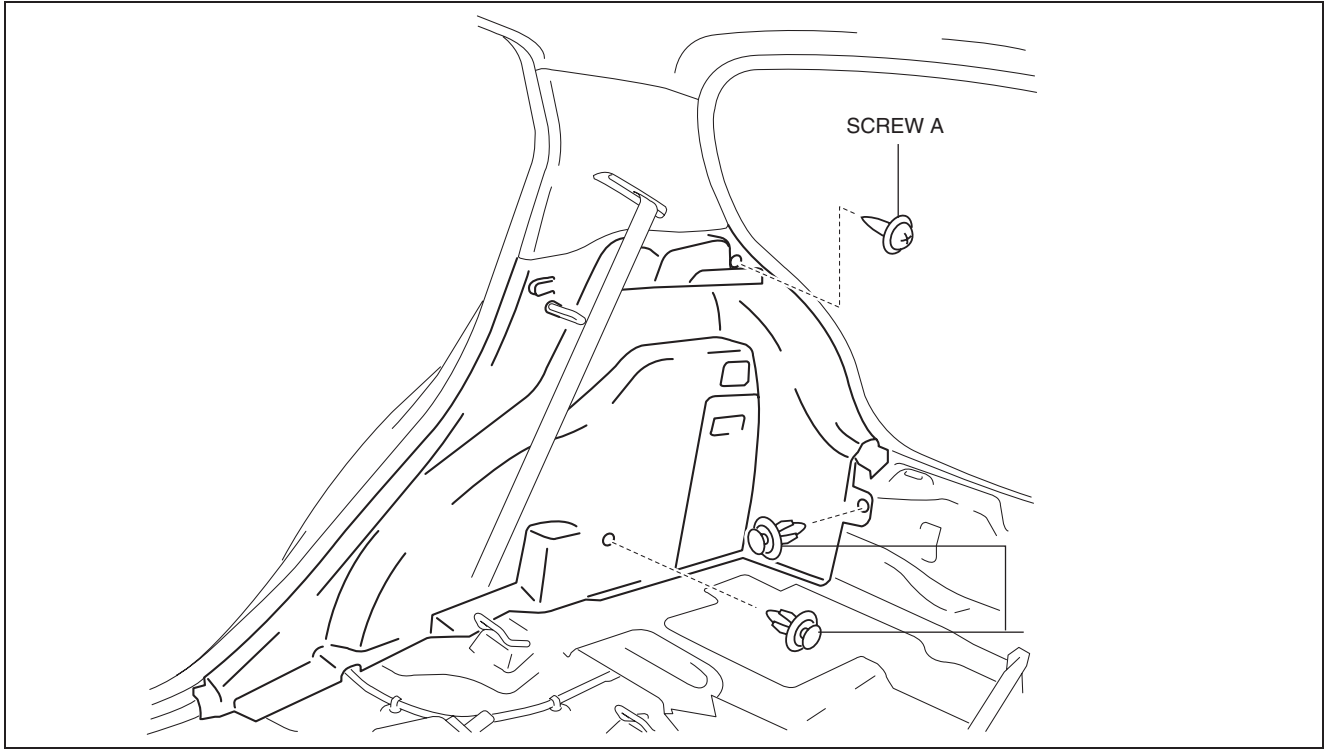


am2ccw0000012

INTERIOR TRIM

5HB

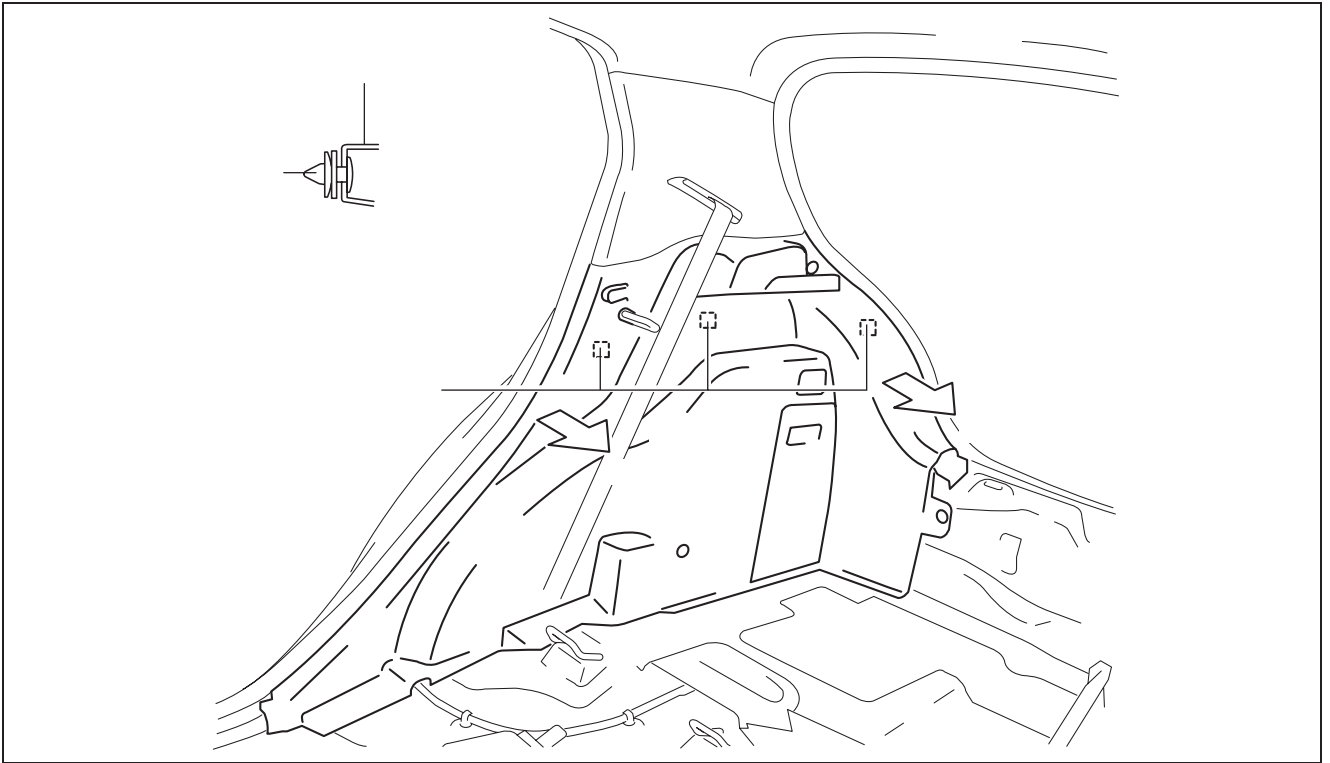
1. Disconnect the negative battery cable.
2. Remove the following parts:
 - (1) Rear scuff plate (See 09-17-58 REAR SCUFF PLATE REMOVAL/INSTALLATION)
 - (2) Rear seat back (See 09-13-26 REAR SEAT BACK REMOVAL/INSTALLATION [AutoAlliance (AAT) Thailand manufactured vehicles].) (See 09-13-27 REAR SEAT BACK REMOVAL/INSTALLATION [Except AutoAlliance (AAT) Thailand manufactured vehicles].)
 - (3) Rear seat cushion (See 09-13-31 REAR SEAT CUSHION REMOVAL/INSTALLATION)
 - (4) Trunk end trim (See 09-17-75 TRUNK END TRIM REMOVAL/INSTALLATION)
3. Remove the screw A and fastener B.



am2zzw0000374

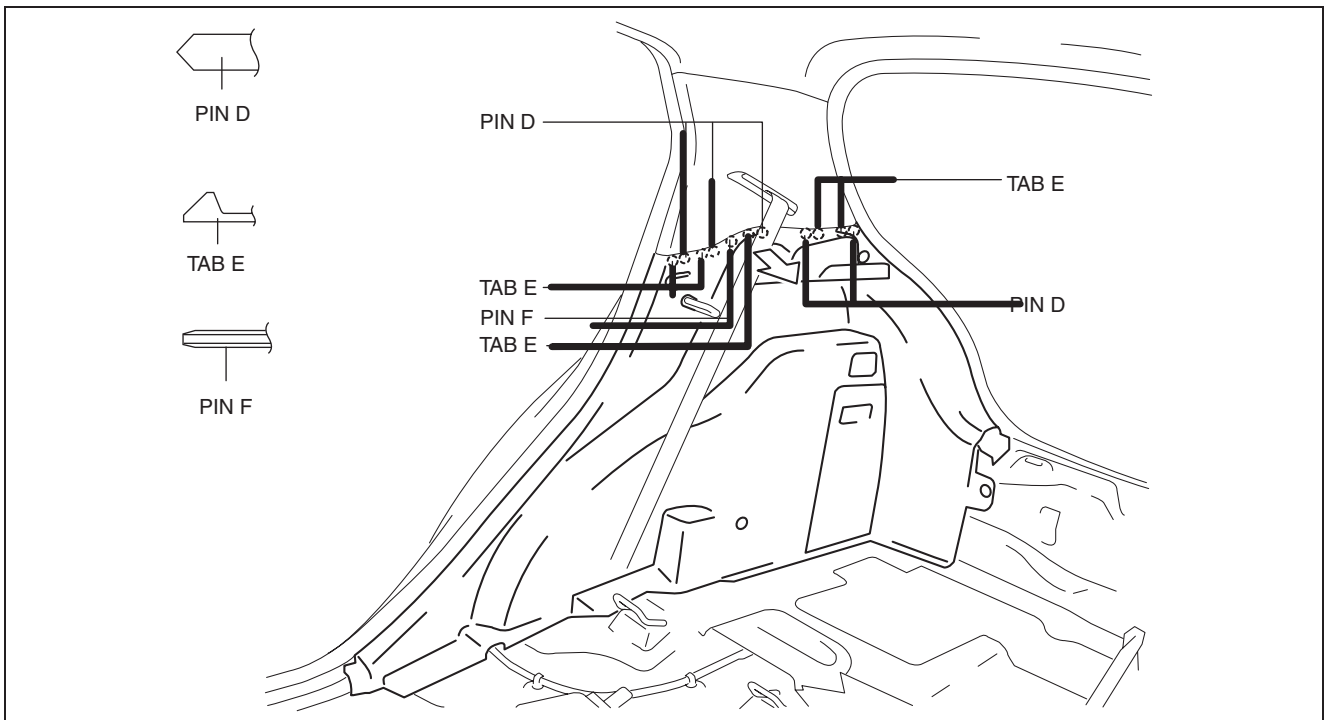
INTERIOR TRIM

4. Pull the trunk side trim in the direction of the arrow in the order of (1) and (2), then remove the clips C.



am2zzw0000182

5. Pull the trunk side trim in the direction of the arrow in the order of (3) and remove it while detaching pins D, tabs E, and pin F.



am2zzw0000182

6. Disconnect the cargo compartment light connector.
7. Install in the reverse order of removal.

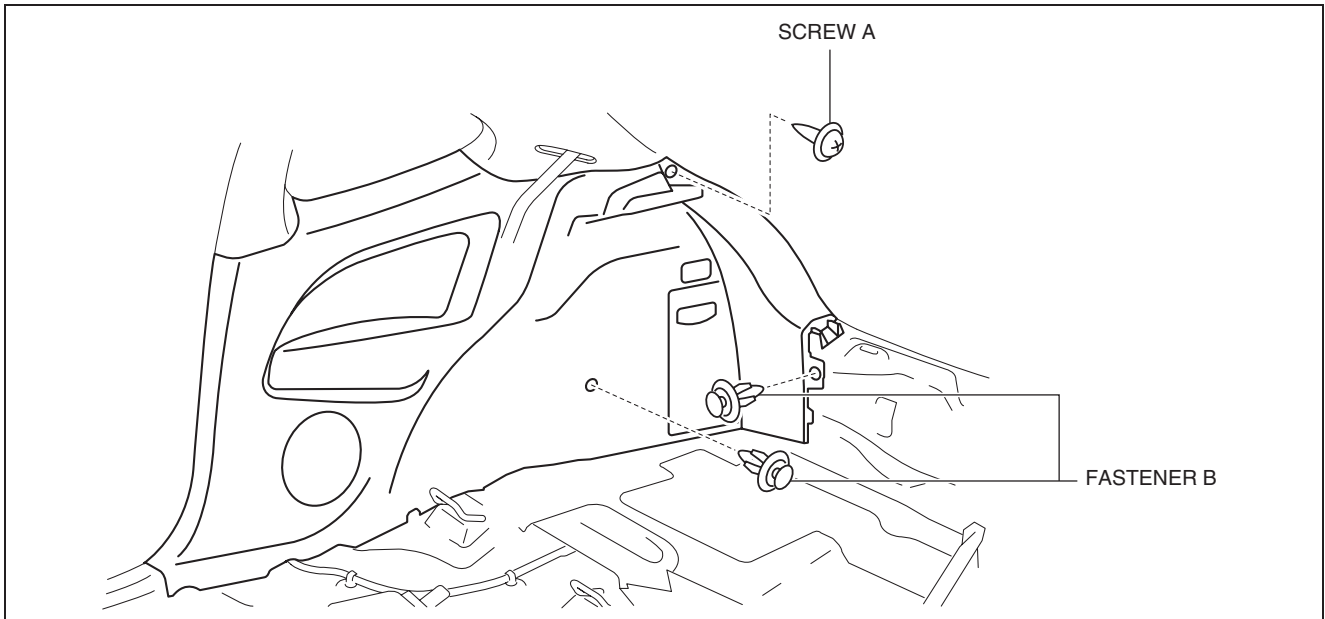
TRUNK SIDE TRIM REMOVAL/INSTALLATION [3HB]

id0917004623z3

1. Disconnect the negative battery cable.
2. Remove the following parts:
 - (1) Front scuff plate (See 09-17-57 FRONT SCUFF PLATE REMOVAL/INSTALLATION [3HB].)

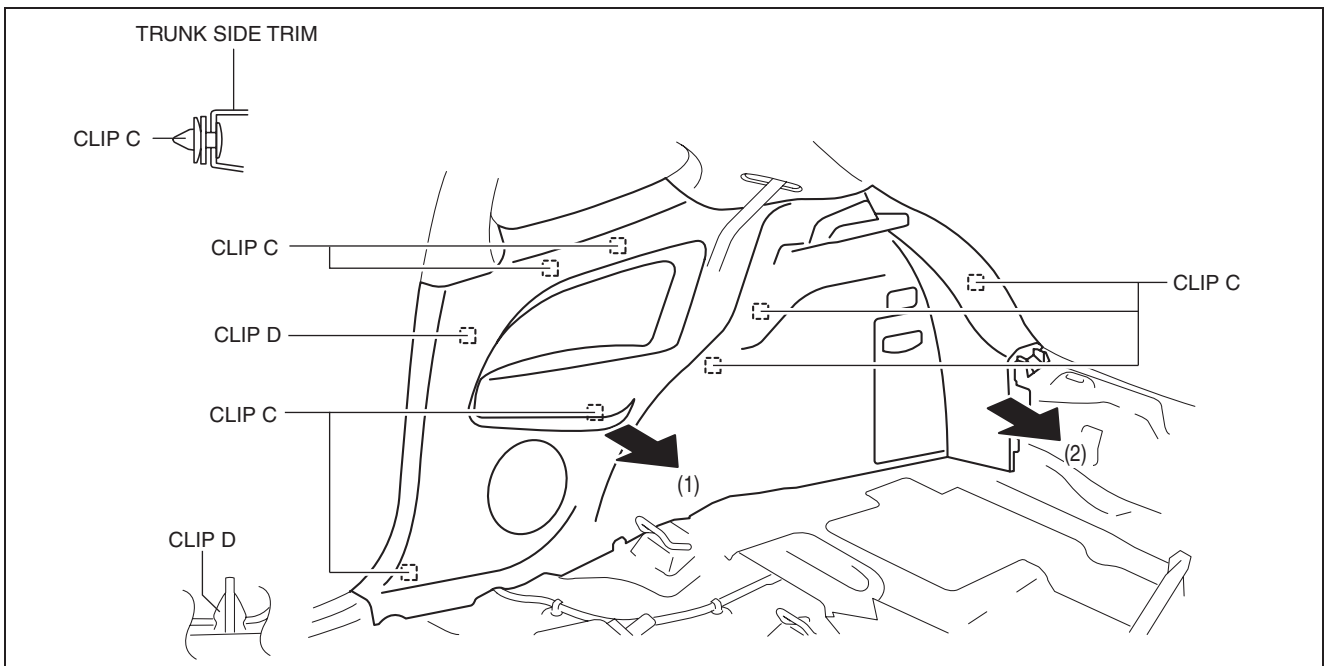
INTERIOR TRIM

- (2) Rear seat back (See 09-13-27 REAR SEAT BACK REMOVAL/INSTALLATION [Except AutoAlliance (AAT) Thailand manufactured vehicles].)
 - (3) Rear seat cushion (See 09-13-31 REAR SEAT CUSHION REMOVAL/INSTALLATION.)
 - (4) Trunk end trim (See 09-17-75 TRUNK END TRIM REMOVAL/INSTALLATION.)
3. Remove the screw A and fastener B.



am2zzw0000348

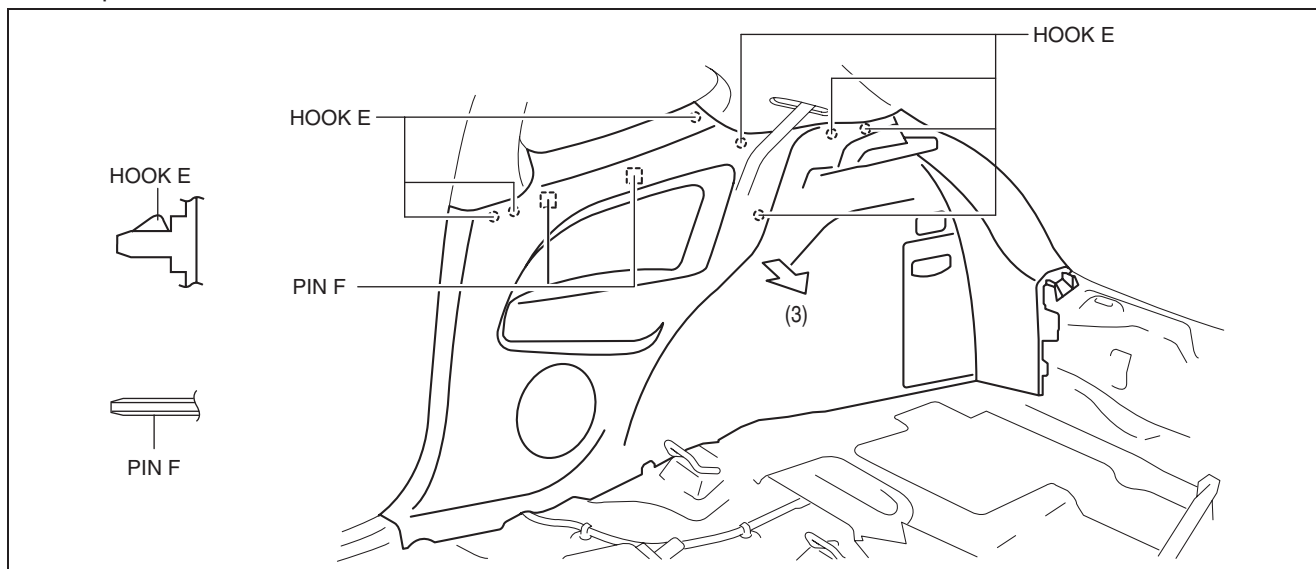
4. Pull the trunk side trim in the direction of the arrow in the order of (1) and (2), then remove the clips C and clip D.



am2zzw0000348

INTERIOR TRIM

5. Pull the trunk side trim in the direction of the arrow in the order of (3) and remove it while detaching hooks E, and pins F.



am2zzw0000460

6. Disconnect the cargo compartment light connector.
7. Install in the reverse order of removal.

TRUNK END TRIM REMOVAL/INSTALLATION

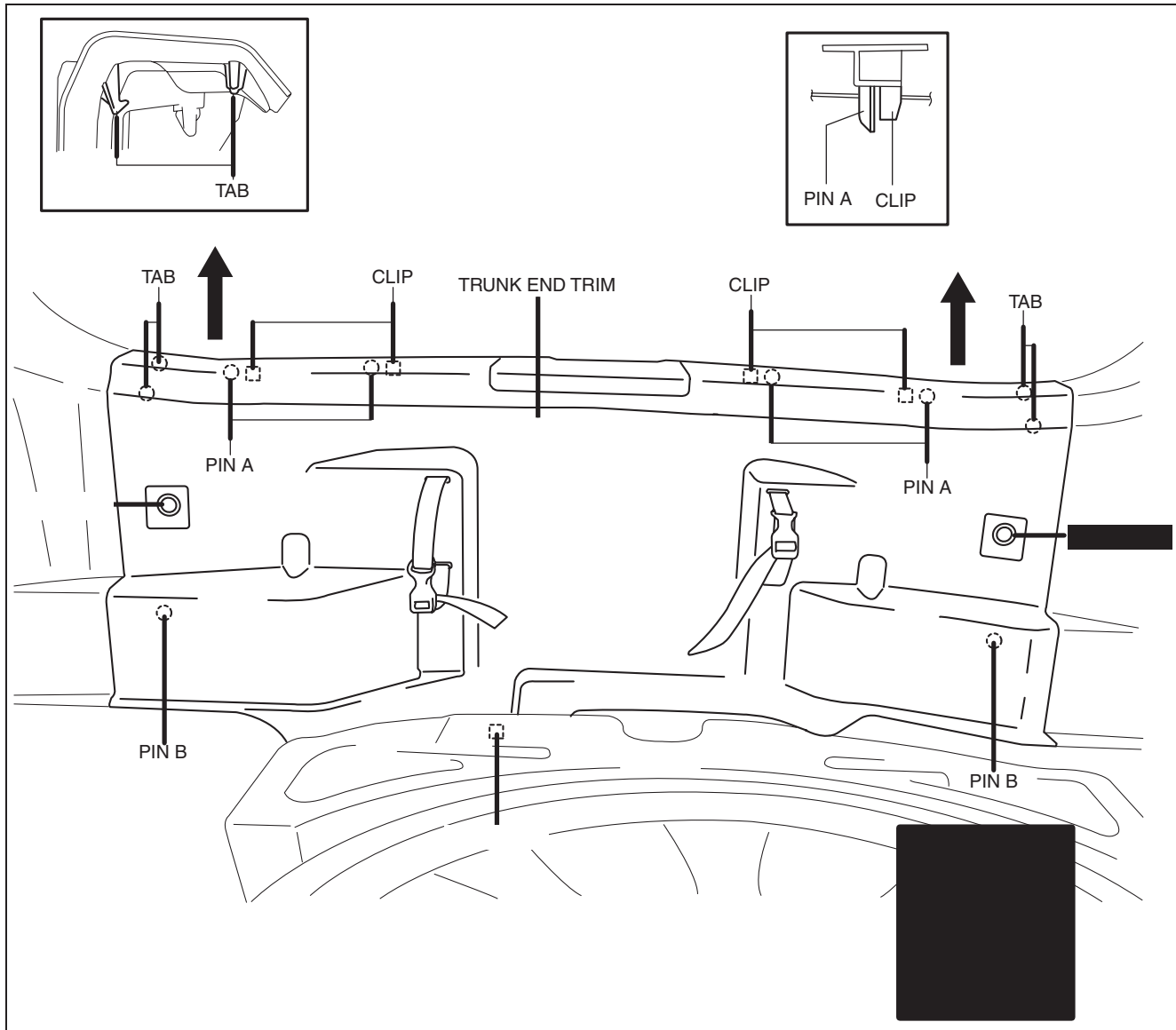
id091700462400

4SD

1. Open the trunk lid.
2. Remove the trunk mat.
3. Remove the trunk board.

INTERIOR TRIM

4. Remove the fasteners.



am2zzw0000519

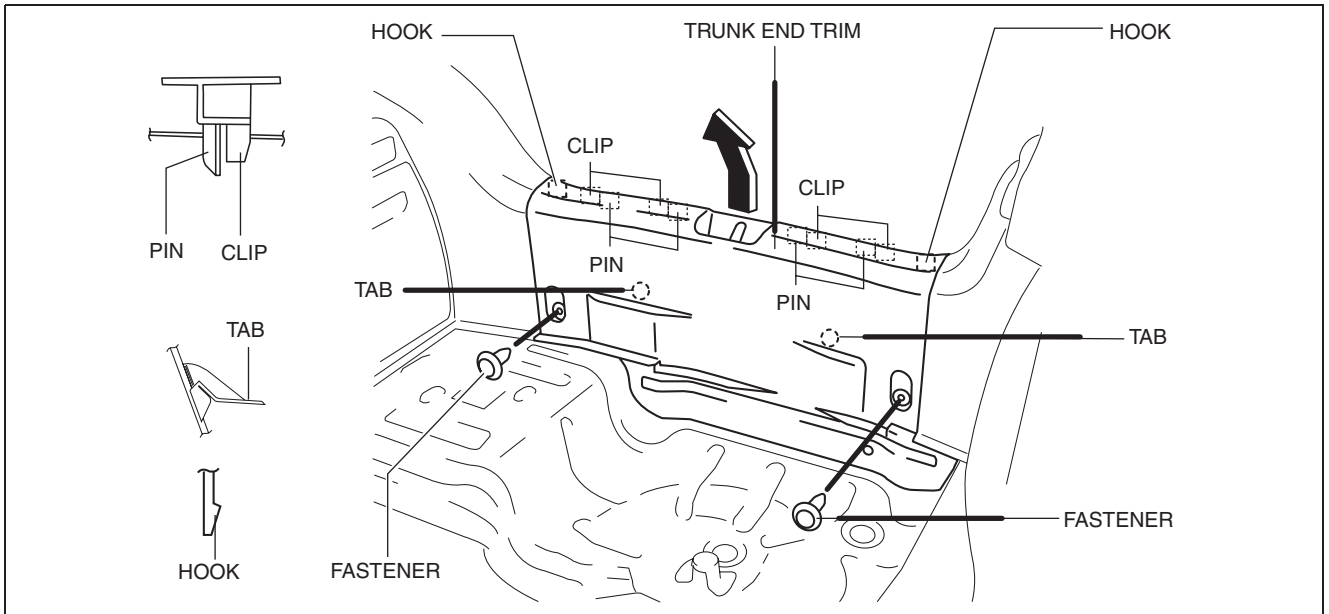
5. Pull the trunk end trim in the direction of the arrow shown in the figure and remove it while detaching the tabs, clips, and pins A, B.
6. Install in the reverse order of removal.

5HB, 3HB

1. Open the liftgate.
2. Remove the trunk mat.
3. Partially peel back the seaming welt.

INTERIOR TRIM

4. Remove the fasteners.



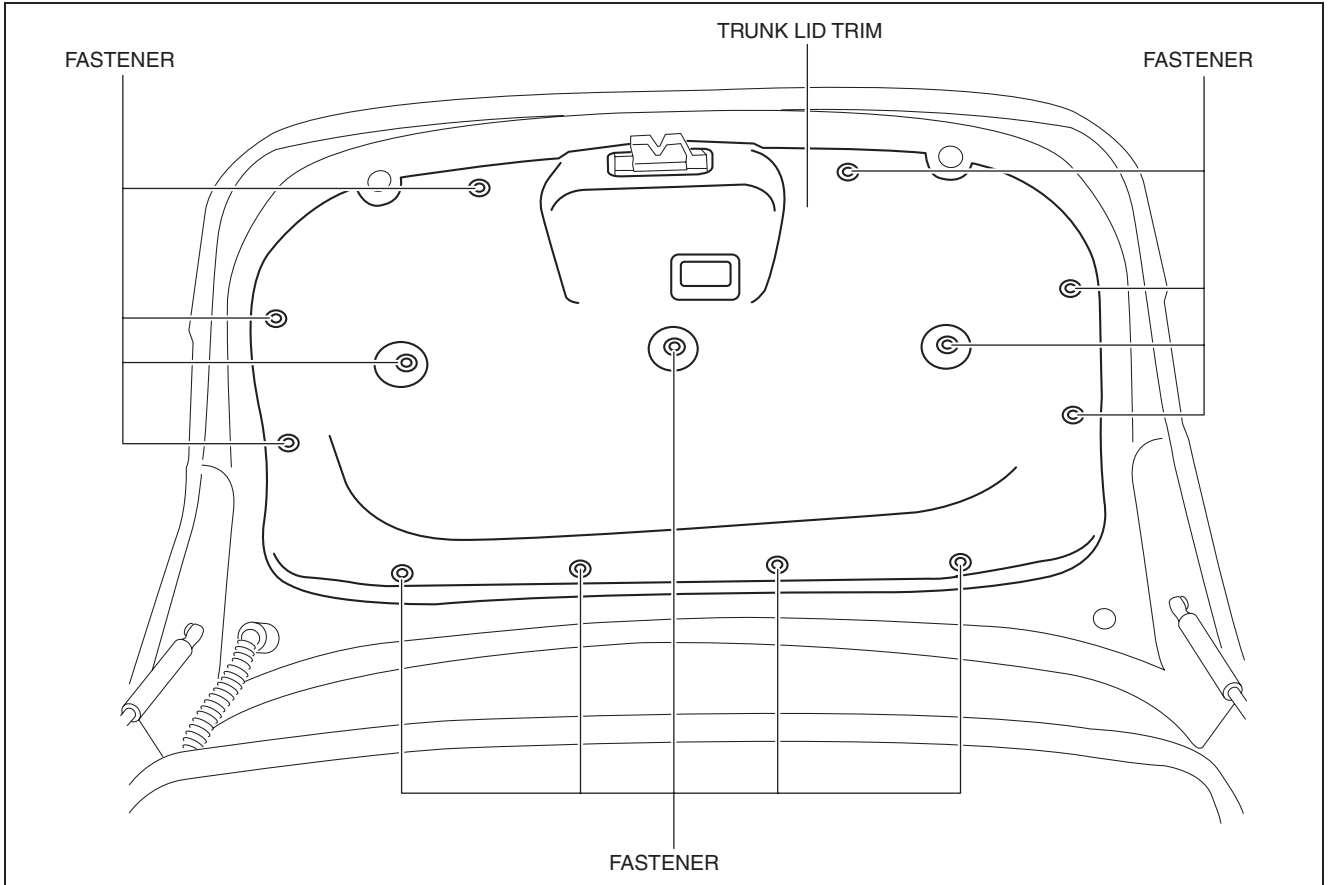
am2zzw0000184

5. Pull the trunk end trim in the direction of the arrow shown in the figure and remove it while detaching the hooks, tabs, clips, and pins.
6. Install in the reverse order of removal.

TRUNK LID TRIM REMOVAL/INSTALLATION [4SD]

id0917008035a3

1. Open the trunk lid.
2. Remove the fasteners.



am2ccw0000016

3. Remove the trunk lid trim.

INTERIOR TRIM

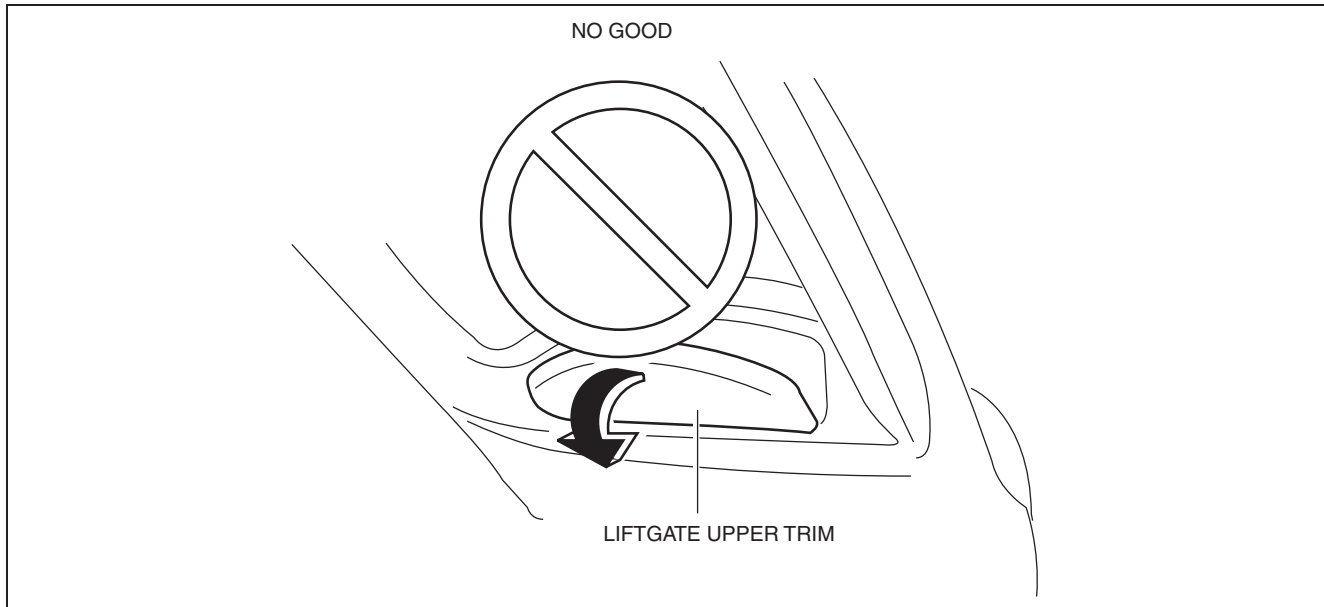
4. Install in the reverse order of removal.

LIFTGATE UPPER TRIM REMOVAL/INSTALLATION

id091700462900

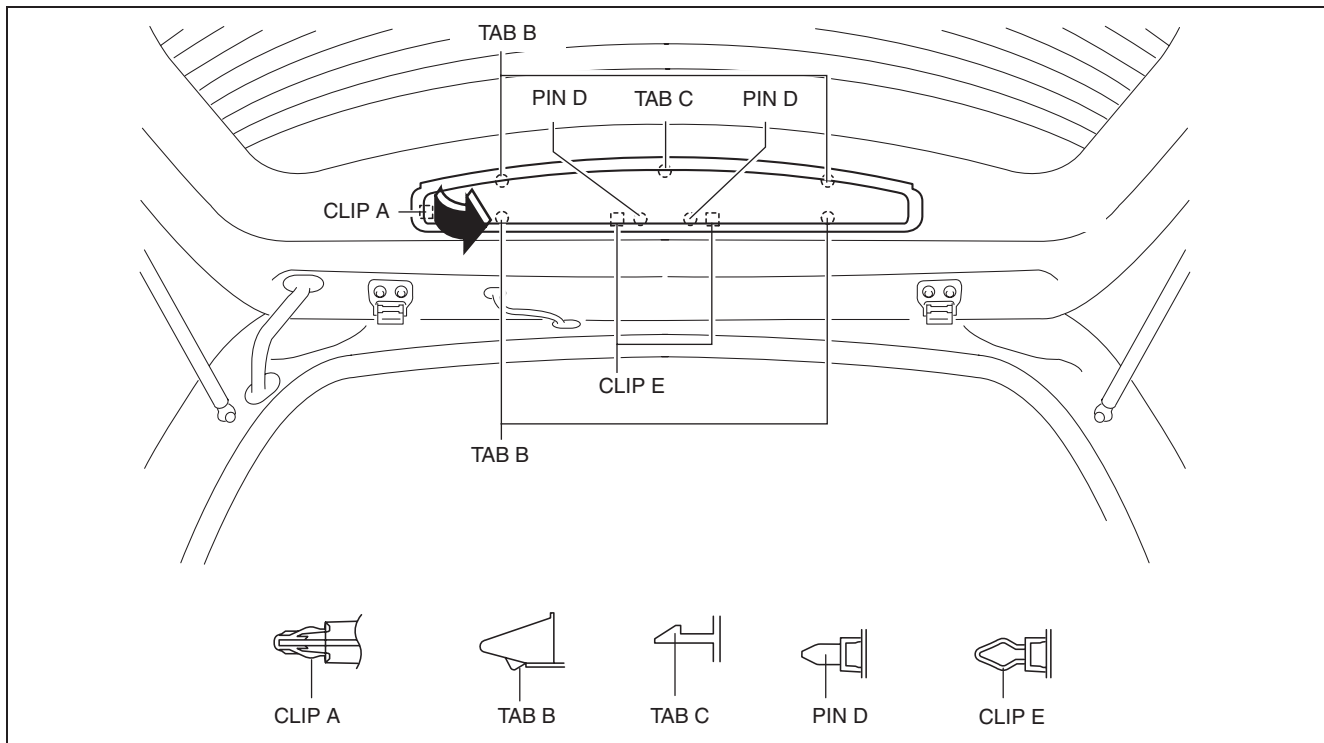
Caution

- Do not remove the liftgate upper trim by rotating as shown in the figure as it could damage clip A and F.



am2zzw0000357

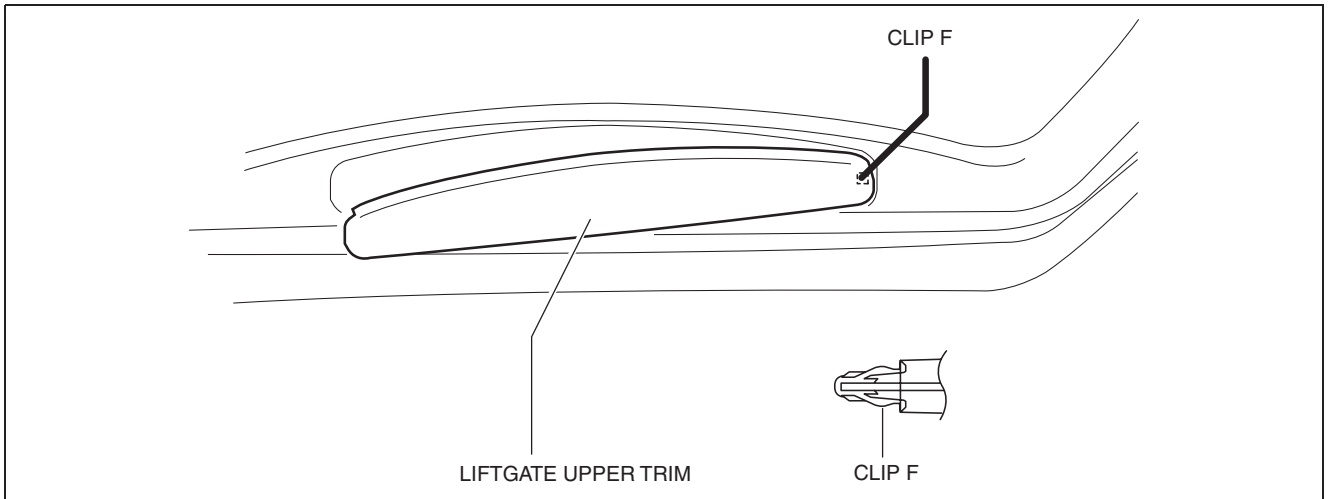
1. Pull the end of liftgate upper trim outward and detach clip A, tabs B, C, pins D, and clips E.



am2zzw0000357

INTERIOR TRIM

2. Remove the clip F then remove the liftgate upper trim.



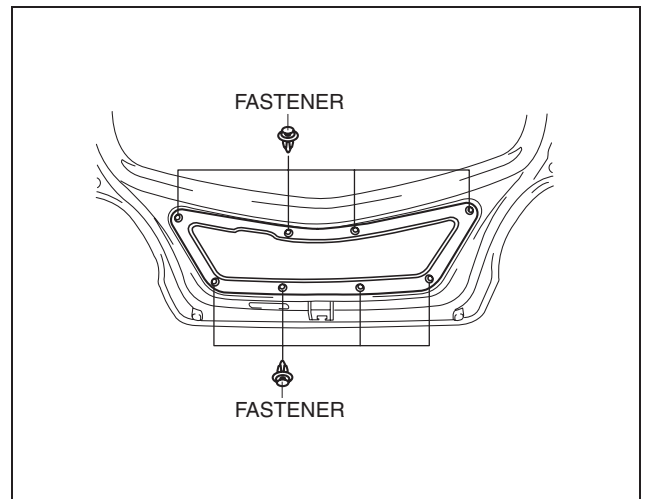
am2zzw0000357

3. Install in the reverse order of removal.

LIFTGATE LOWER TRIM REMOVAL/INSTALLATION

id091700463100

1. Remove the fasteners.
2. Remove the liftgate lower trim.
3. Install in the reverse order of removal.

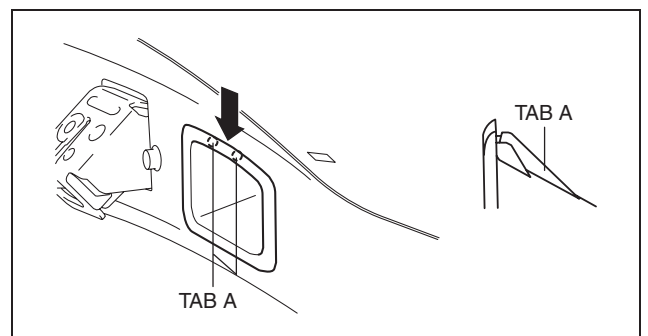


am2zzw0000185

LIFTGATE RECESS REMOVAL/INSTALLATION

id091700467500

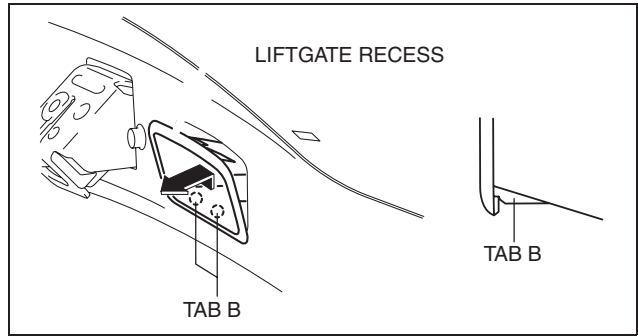
1. Insert a fastener remover in the position indicated by the arrow in the figure and detach tabs A.



am2zzw0000185

INTERIOR TRIM

2. Remove the liftgate recess in the direction of the arrow shown in the figure avoiding tabs B.
3. Install in the reverse order of removal.

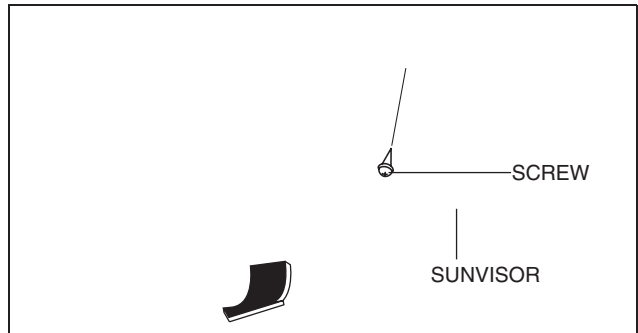


am2zzw0000503

SUNVISOR REMOVAL/INSTALLATION

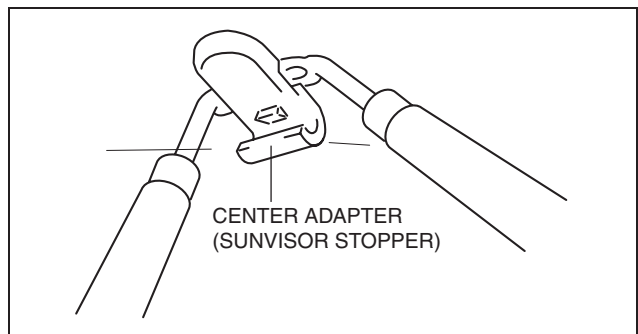
1. Remove the screw, move the sunvisor in the direction of the arrow, and remove the sunvisor.

id091700458100



adejjw00002681

2. Remove the center adaptor (sunvisor stopper) from the body using a fastener remover.
3. Install in the reverse order of removal.



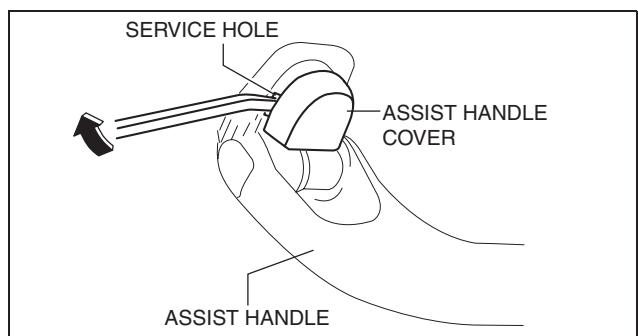
am2zzw0000186

ASSIST HANDLE REMOVAL/INSTALLATION

Removal

1. Insert a fastener remover into the assist handle service hole and remove the assist handle cover.

id091700458200



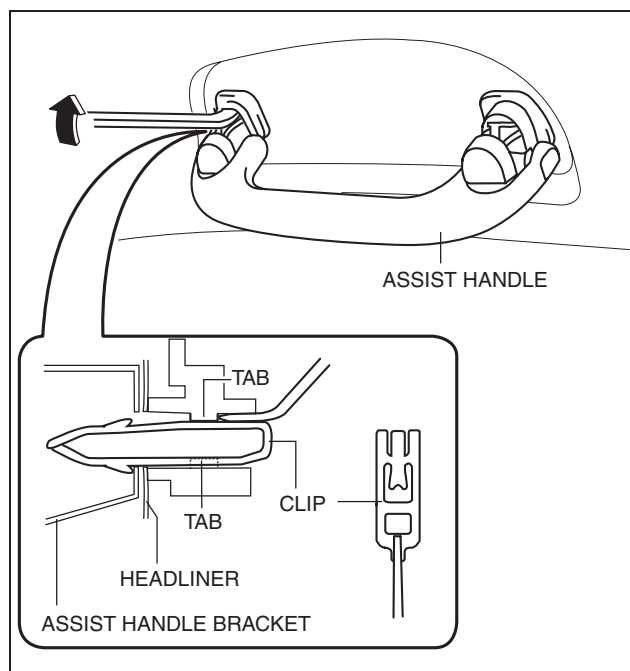
am2zzw0000186

INTERIOR TRIM

2. Insert the fastener remover in the position indicated by the arrow shown in the figure, push down the clip by moving the fastener remover in the direction of the arrow, and remove the assist handle from the assist handle bracket while shaking the assist handle up and down.

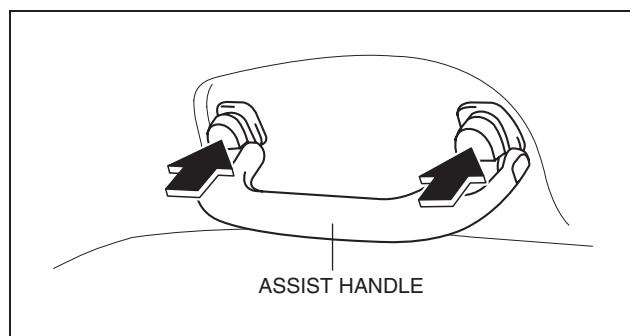
Caution

- When inserting a fastener remover, be careful not to damage the tabs.



Installation

1. Insert the assist handle in the assist handle bracket.
2. Push the assist handle cover in the direction of the arrow shown in the figure to install the assist handle.



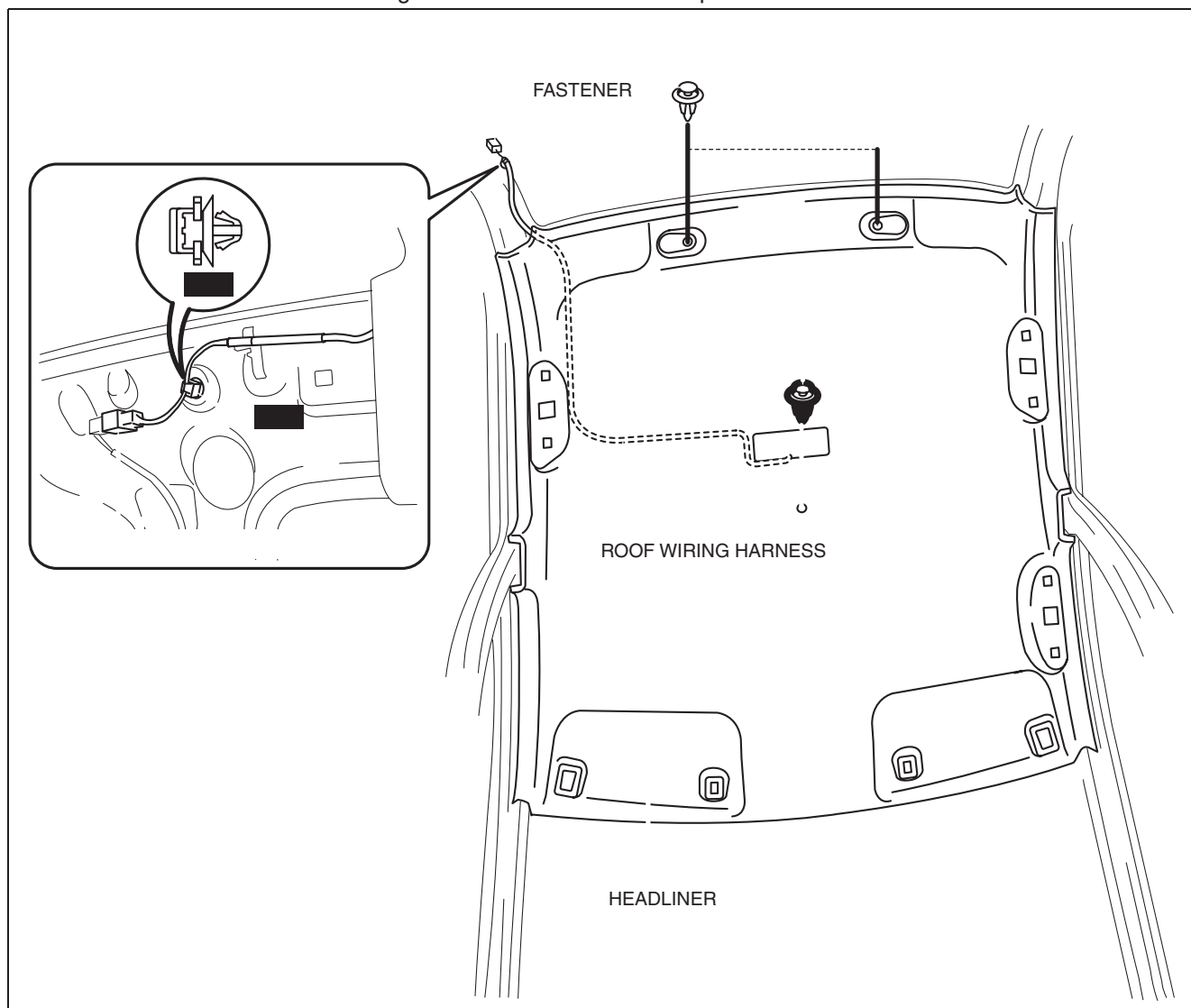
HEADLINER REMOVAL/INSTALLATION

4SD

1. Disconnect the negative battery cable.
2. Partially peel back the seaming welt.
3. Remove the following parts:
 - (1) A-pillar trim (See 09-17-42 A-PILLAR TRIM REMOVAL/INSTALLATION.)
 - (2) Front scuff plate (See 09-17-56 FRONT SCUFF PLATE REMOVAL/INSTALLATION.)
 - (3) Rear scuff plate (See 09-17-58 REAR SCUFF PLATE REMOVAL/INSTALLATION.)
 - (4) B-pillar lower trim (See 09-17-46 B-PILLAR LOWER TRIM REMOVAL/INSTALLATION.)
 - (5) Front seat belt upper anchor installation bolt
 - (6) B-pillar upper trim (See 09-17-44 B-PILLAR UPPER TRIM REMOVAL/INSTALLATION.)
 - (7) Rear seat cushion (See 09-13-31 REAR SEAT CUSHION REMOVAL/INSTALLATION.)
 - (8) Tire house trim (See 09-17-66 TIRE HOUSE TRIM REMOVAL/INSTALLATION [4SD].)
 - (9) C-pillar trim (See 09-17-46 C-PILLAR TRIM REMOVAL/INSTALLATION.)
 - (10) Sunvisor (See 09-17-80 SUNVISOR REMOVAL/INSTALLATION.)
 - (11) Assist handle (See 09-17-80 ASSIST HANDLE REMOVAL/INSTALLATION.)

INTERIOR TRIM

4. Disconnect the roof wire link wiring harness and remove the clip.

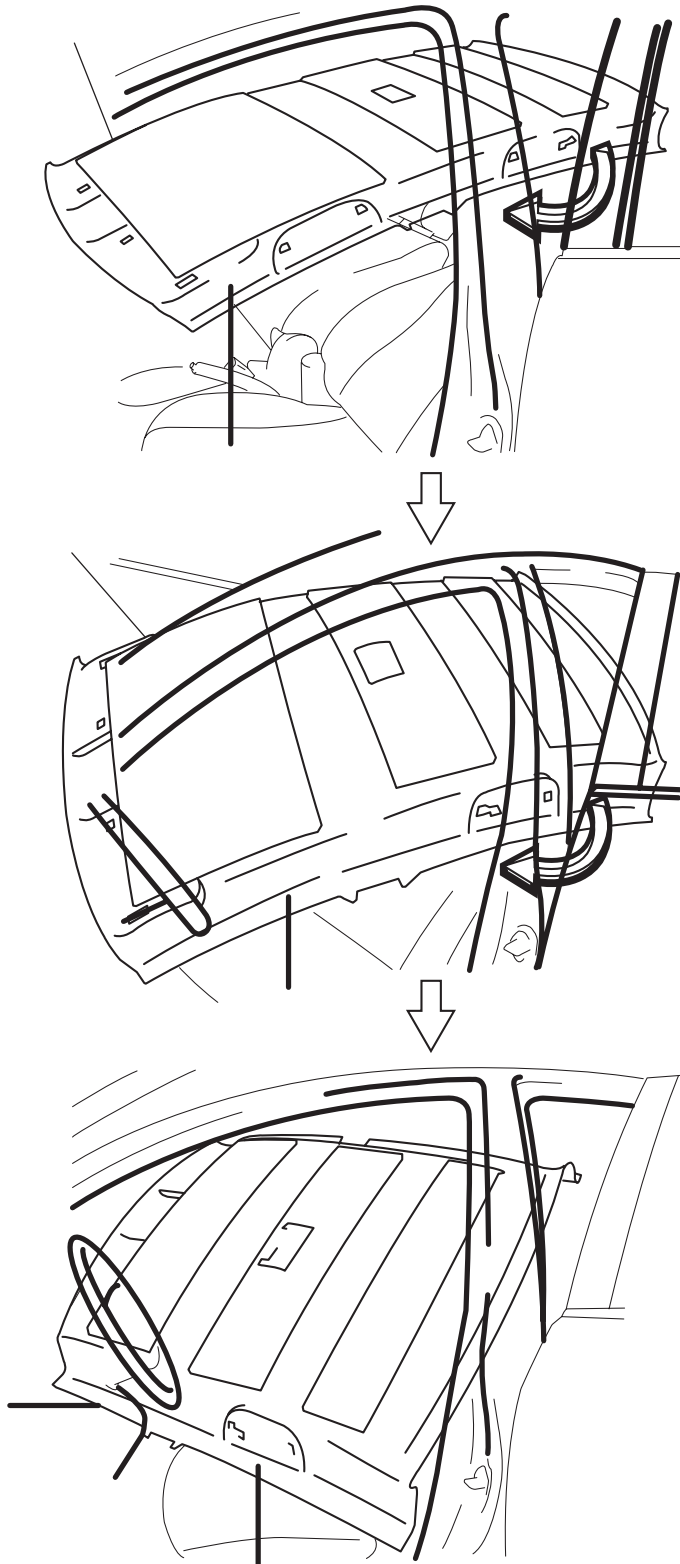


am2zzw0000503

5. Remove the fasteners.

INTERIOR TRIM

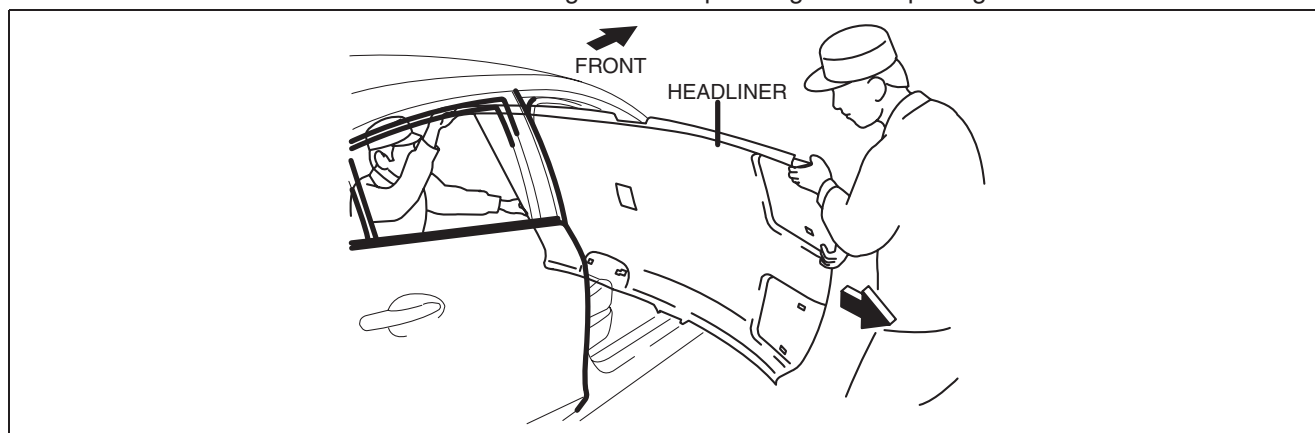
6. Open all the doors and rotate the headliner in the vehicle so that it is as shown in the figure.



am2ccw000009

INTERIOR TRIM

7. Remove the headliner from the vehicle through the front passenger door opening.



am2ccw0000014

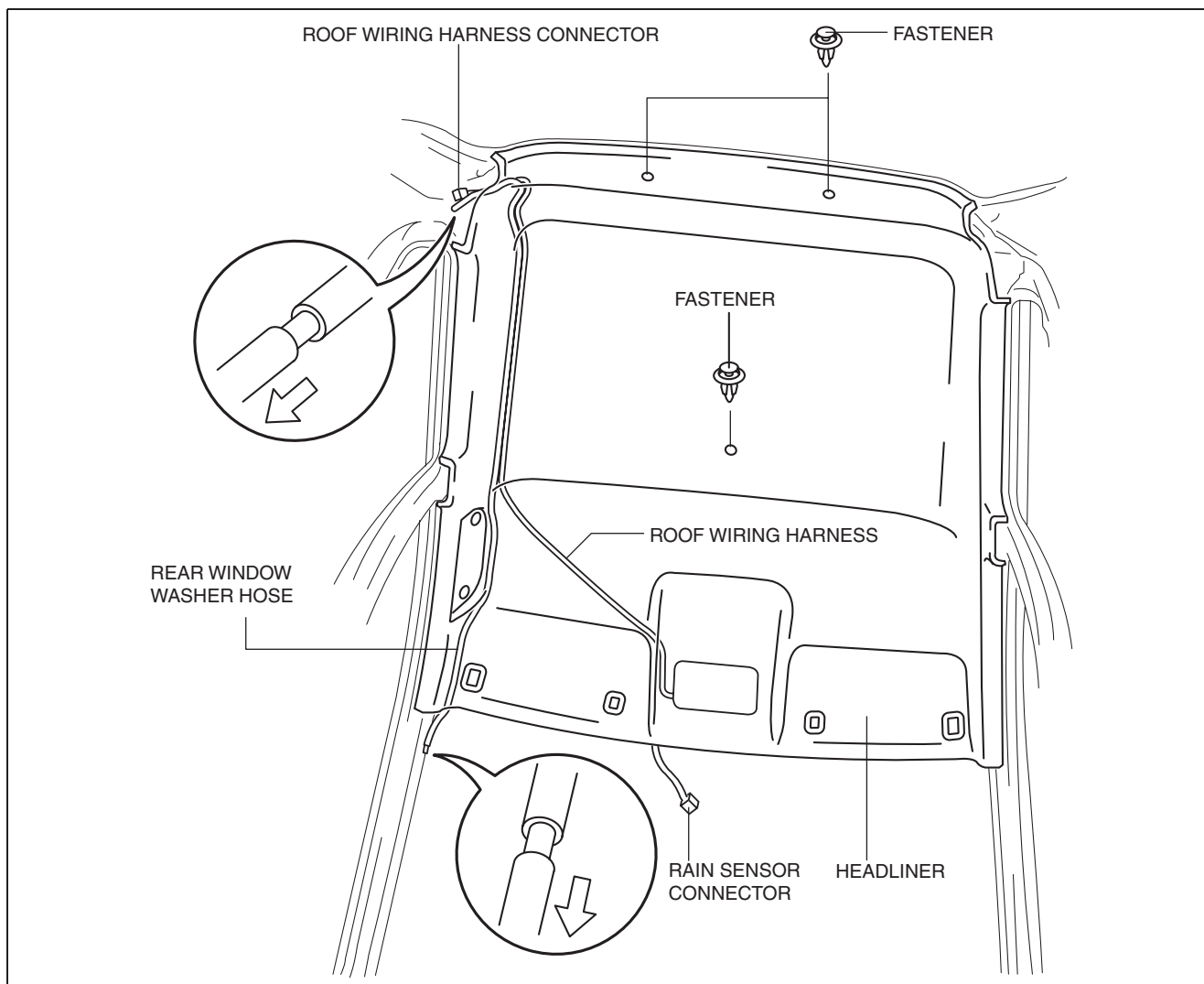
8. Install in the reverse order of removal.

5HB

1. Disconnect the negative battery cable.
2. Partially peel back the seaming welt.
3. Remove the following parts:
 - (1) A-pillar trim (See 09-17-42 A-PILLAR TRIM REMOVAL/INSTALLATION.)
 - (2) Front scuff plate (See 09-17-56 FRONT SCUFF PLATE REMOVAL/INSTALLATION.)
 - (3) Rear scuff plate (See 09-17-58 REAR SCUFF PLATE REMOVAL/INSTALLATION.)
 - (4) B-pillar lower trim (See 09-17-46 B-PILLAR LOWER TRIM REMOVAL/INSTALLATION.)
 - (5) Front seat belt upper anchor installation bolt.
 - (6) B-pillar upper trim (See 09-17-44 B-PILLAR UPPER TRIM REMOVAL/INSTALLATION.)
 - (7) Rear seat cushion (See 09-13-31 REAR SEAT CUSHION REMOVAL/INSTALLATION.)
 - (8) Rear seat back (See 09-13-26 REAR SEAT BACK REMOVAL/INSTALLATION [AutoAlliance (AAT) Thailand manufactured vehicles].) (See 09-13-27 REAR SEAT BACK REMOVAL/INSTALLATION [Except AutoAlliance (AAT) Thailand manufactured vehicles].)
 - (9) Rear seat belt lower anchor installation bolt (See 08-11-5 REAR SEAT BELT REMOVAL/INSTALLATION.)
 - (10) Trunk end trim (See 09-17-75 TRUNK END TRIM REMOVAL/INSTALLATION.)
 - (11) Trunk side trim (See 09-17-70 TRUNK SIDE TRIM REMOVAL/INSTALLATION.)
 - (12) C-pillar trim (See 09-17-46 C-PILLAR TRIM REMOVAL/INSTALLATION.)
 - (13) Sunvisor (See 09-17-80 SUNVISOR REMOVAL/INSTALLATION.)
 - (14) Rain sensor cover (Vehicles with auto light / wiper system) (See 09-19-28 RAIN SENSOR REMOVAL/INSTALLATION.)
 - (15) Assist handle (See 09-17-80 ASSIST HANDLE REMOVAL/INSTALLATION.)
4. Disconnect the rain sensor connector (vehicles with auto light / wiper system).

INTERIOR TRIM

5. Disconnect the rear window washer hose.



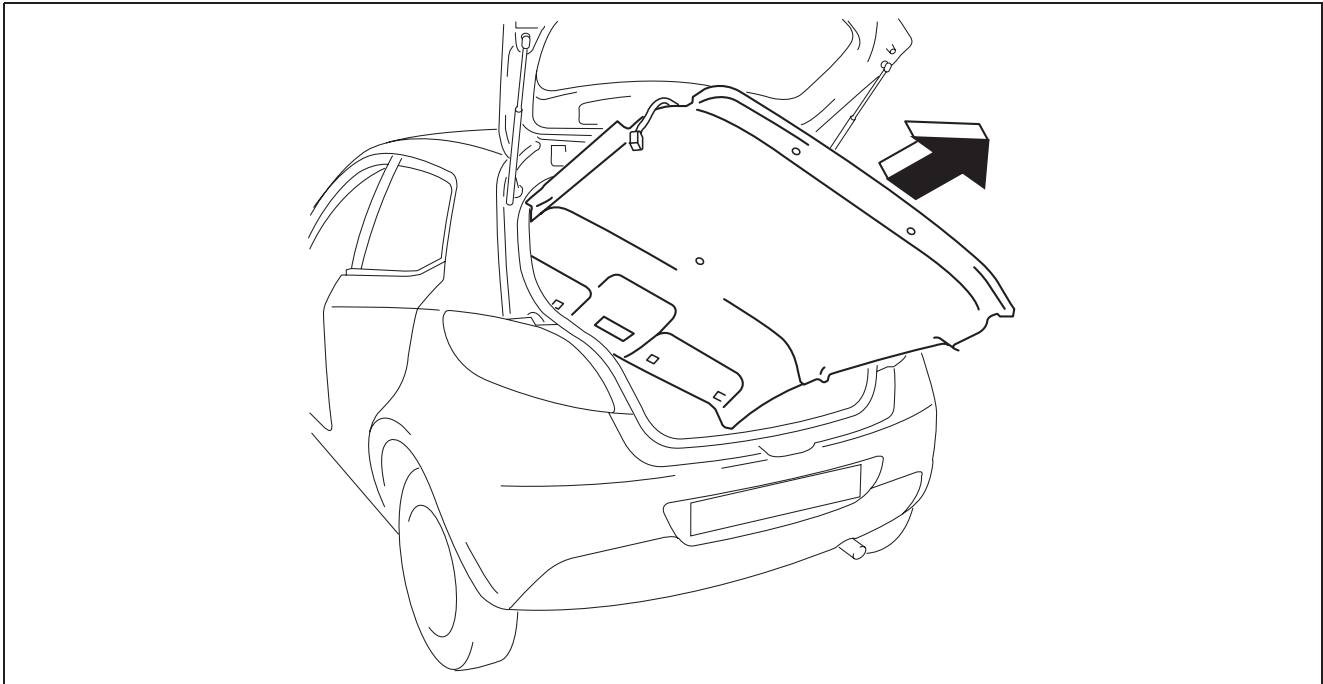
am2zzw0000374

6. Disconnect the roof wiring harness connector.

7. Remove the fasteners.

INTERIOR TRIM

8. Take the headliner out from the opened liftgate.



am2zzw0000491

9. Install in the reverse order of removal.

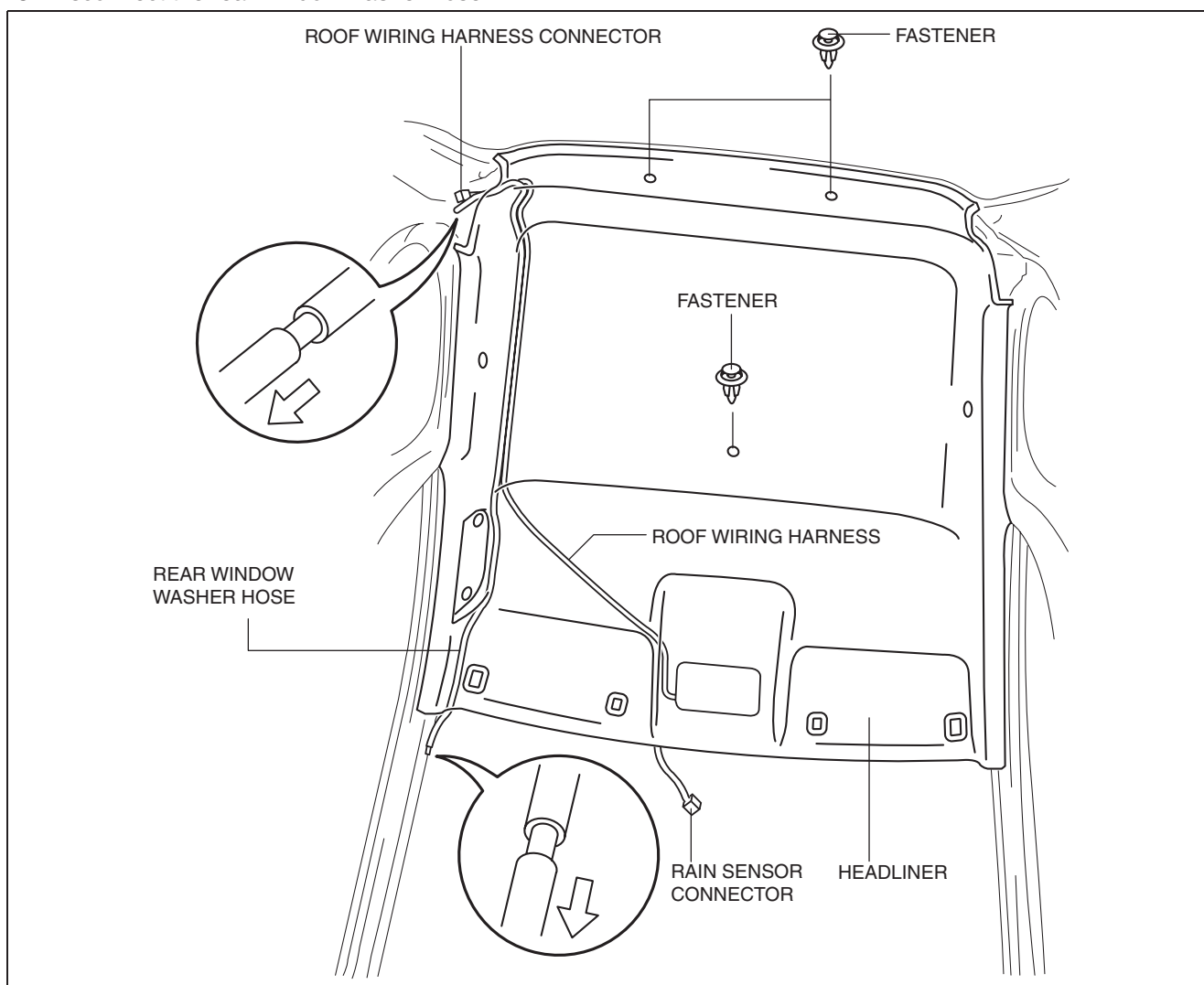
HEADLINER REMOVAL/INSTALLATION [3HB]

id0917004583z3

1. Disconnect the negative battery cable.
2. Partially peel back the seaming welt.
3. Remove the following parts:
 - (1) A-pillar trim (See 09-17-42 A-PILLAR TRIM REMOVAL/INSTALLATION.)
 - (2) Front scuff plate (See 09-17-57 FRONT SCUFF PLATE REMOVAL/INSTALLATION [3HB].)
 - (3) Rear seat cushion (See 09-13-31 REAR SEAT CUSHION REMOVAL/INSTALLATION.)
 - (4) Rear seat back (See 09-13-27 REAR SEAT BACK REMOVAL/INSTALLATION [Except AutoAlliance (AAT) Thailand manufactured vehicles].)
 - (5) Rear seat belt lower anchor installation bolt (See 08-11-5 REAR SEAT BELT REMOVAL/INSTALLATION.)
 - (6) Trunk end trim (See 09-17-75 TRUNK END TRIM REMOVAL/INSTALLATION.)
 - (7) Trunk side trim (See 09-17-73 TRUNK SIDE TRIM REMOVAL/INSTALLATION [3HB].)
 - (8) C-pillar trim (See 09-17-52 C-PILLAR TRIM REMOVAL/INSTALLATION [3HB].)
 - (9) Front seat belt upper anchor installation bolt.
 - (10) B-pillar upper trim (See 09-17-45 B-PILLAR UPPER TRIM REMOVAL/INSTALLATION [3HB].)
 - (11) Sunvisor (See 09-17-80 SUNVISOR REMOVAL/INSTALLATION.)
 - (12) Rain sensor cover (Vehicles with auto light / wiper system) (See 09-19-28 RAIN SENSOR REMOVAL/INSTALLATION.)
 - (13) Assist handle (See 09-17-80 ASSIST HANDLE REMOVAL/INSTALLATION.)
4. Disconnect the rain sensor connector (vehicles with auto light / wiper system).

INTERIOR TRIM

5. Disconnect the rear window washer hose.

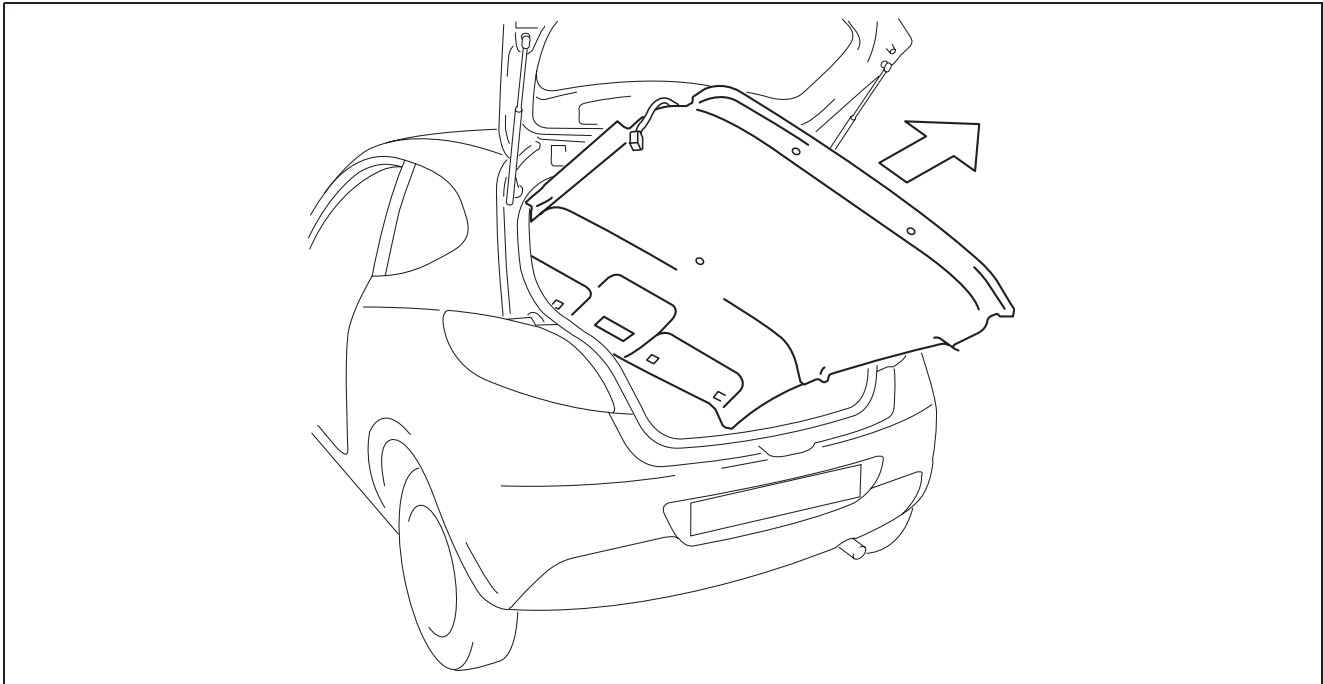


am2zzw0000341

6. Disconnect the roof wiring harness connector.
7. Remove the fasteners.

INTERIOR TRIM

8. Take the headliner out from the opened liftgate.



am2zzw0000341

9. Install in the reverse order of removal.

SHOCK ABSORBING PAD REMOVAL/INSTALLATION

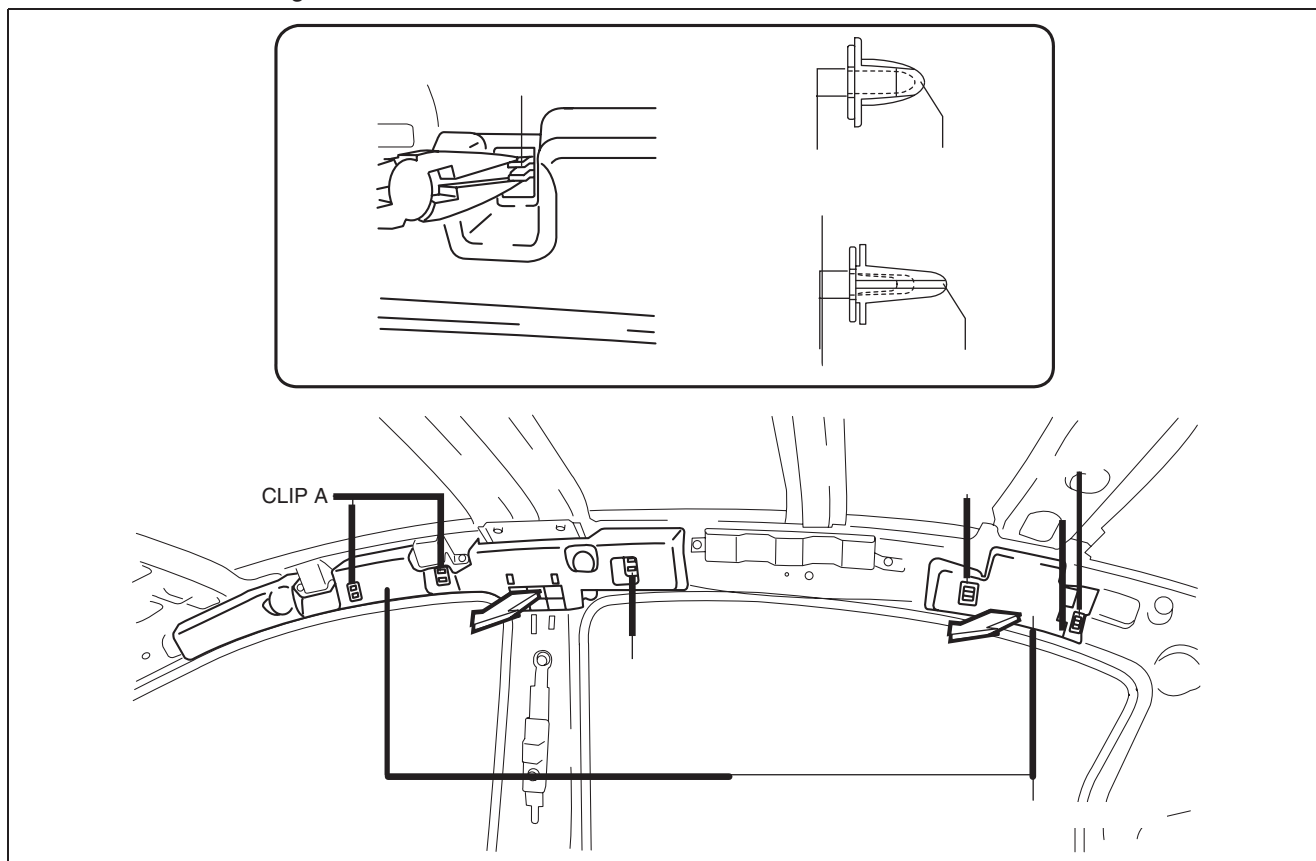
id091700453300

4SD

1. Disconnect the negative battery cable.
2. Remove the following parts:
 - (1) A-pillar trim (See 09-17-42 A-PILLAR TRIM REMOVAL/INSTALLATION.)
 - (2) Front scuff plate (See 09-17-56 FRONT SCUFF PLATE REMOVAL/INSTALLATION.)
 - (3) Rear scuff plate (See 09-17-58 REAR SCUFF PLATE REMOVAL/INSTALLATION.)
 - (4) B-pillar lower trim (See 09-17-46 B-PILLAR LOWER TRIM REMOVAL/INSTALLATION.)
 - (5) Front seat belt upper anchor installation bolt
 - (6) B-pillar upper trim (See 09-17-44 B-PILLAR UPPER TRIM REMOVAL/INSTALLATION.)
 - (7) Rear seat cushion (See 09-13-31 REAR SEAT CUSHION REMOVAL/INSTALLATION.)
 - (8) Tire house trim (See 09-17-66 TIRE HOUSE TRIM REMOVAL/INSTALLATION [4SD].)
 - (9) C-pillar trim (See 09-17-46 C-PILLAR TRIM REMOVAL/INSTALLATION.)
 - (10) Sunvisor (See 09-17-80 SUNVISOR REMOVAL/INSTALLATION.)
 - (11) Assist handle (See 09-17-80 ASSIST HANDLE REMOVAL/INSTALLATION.)
 - (12) Headliner (See 09-17-81 HEADLINER REMOVAL/INSTALLATION.)

INTERIOR TRIM

3. Pinch the tab using pincers, remove clips A and B, then remove the shock-absorbing pad in the direction of the arrow shown in the figure.



am2ccw0000003

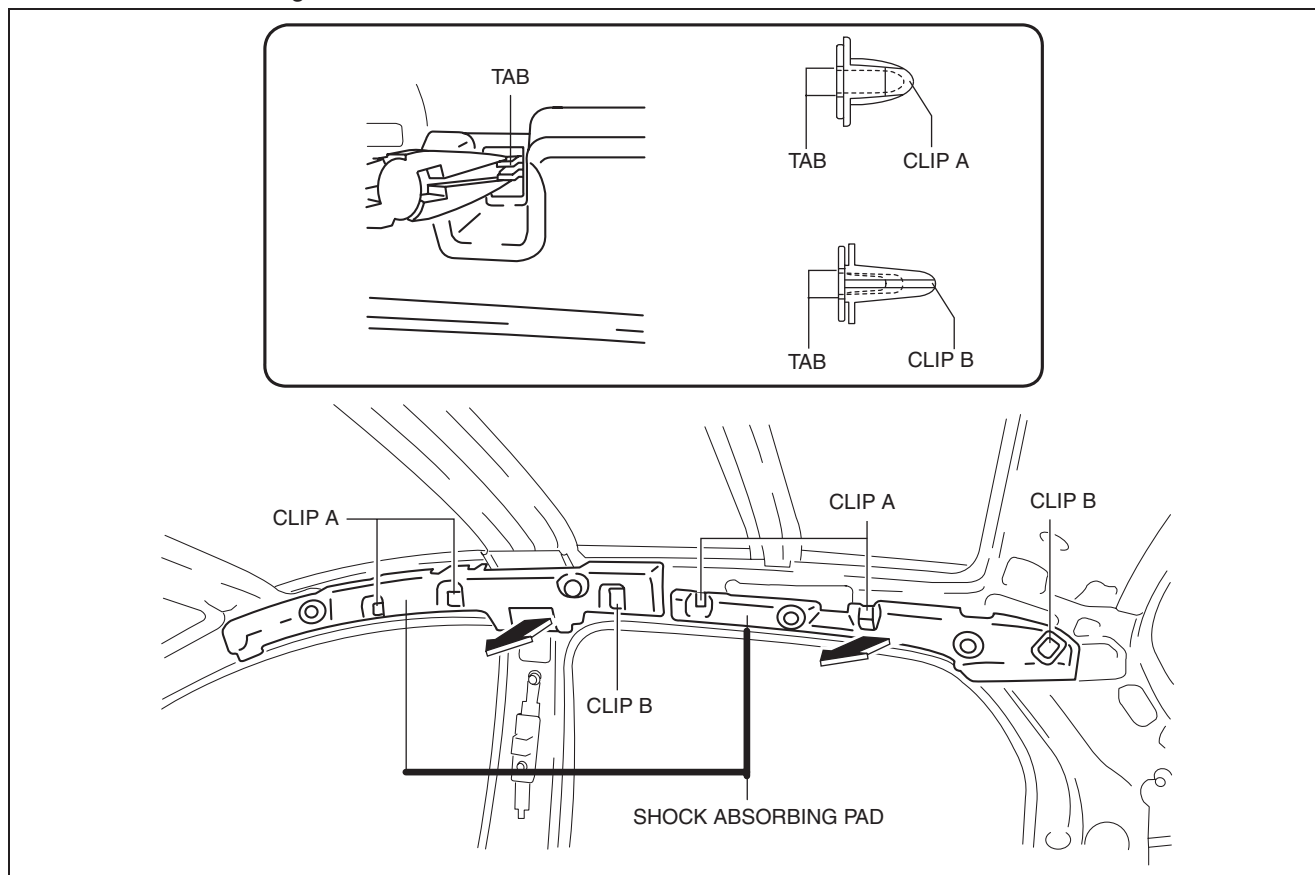
4. Install in the reverse order of removal.

5HB

1. Disconnect the negative battery cable.
2. Remove the following parts:
 - (1) A-pillar trim (See 09-17-42 A-PILLAR TRIM REMOVAL/INSTALLATION.)
 - (2) Front scuff plate (See 09-17-56 FRONT SCUFF PLATE REMOVAL/INSTALLATION.)
 - (3) Rear scuff plate (See 09-17-58 REAR SCUFF PLATE REMOVAL/INSTALLATION.)
 - (4) B-pillar lower trim (See 09-17-46 B-PILLAR LOWER TRIM REMOVAL/INSTALLATION.)
 - (5) Front seat belt upper anchor installation bolt.
 - (6) B-pillar upper trim (See 09-17-44 B-PILLAR UPPER TRIM REMOVAL/INSTALLATION.)
 - (7) Rear seat cushion (See 09-13-31 REAR SEAT CUSHION REMOVAL/INSTALLATION.)
 - (8) Rear seat back (See 09-13-26 REAR SEAT BACK REMOVAL/INSTALLATION [AutoAlliance (AAT) Thailand manufactured vehicles].) (See 09-13-27 REAR SEAT BACK REMOVAL/INSTALLATION [Except AutoAlliance (AAT) Thailand manufactured vehicles].)
 - (9) Rear seat belt lower anchor installation bolt (See 08-11-5 REAR SEAT BELT REMOVAL/INSTALLATION.)
 - (10) Trunk end trim (See 09-17-75 TRUNK END TRIM REMOVAL/INSTALLATION.)
 - (11) Trunk side trim (See 09-17-70 TRUNK SIDE TRIM REMOVAL/INSTALLATION.)
 - (12) C-pillar trim (See 09-17-46 C-PILLAR TRIM REMOVAL/INSTALLATION.)
 - (13) Sunvisor (See 09-17-80 SUNVISOR REMOVAL/INSTALLATION.)
 - (14) Rain sensor cover (Vehicles with auto light / wiper system) (See 09-19-28 RAIN SENSOR REMOVAL/INSTALLATION.)
 - (15) Assist handle (See 09-17-80 ASSIST HANDLE REMOVAL/INSTALLATION.)
 - (16) Headliner (See 09-17-81 HEADLINER REMOVAL/INSTALLATION.)

INTERIOR TRIM

3. Pinch the tab using pincers, remove clips A and B, then remove the shock-absorbing pad in the direction of the arrow shown in the figure.



am2zzw0000187

4. Install in the reverse order of removal.

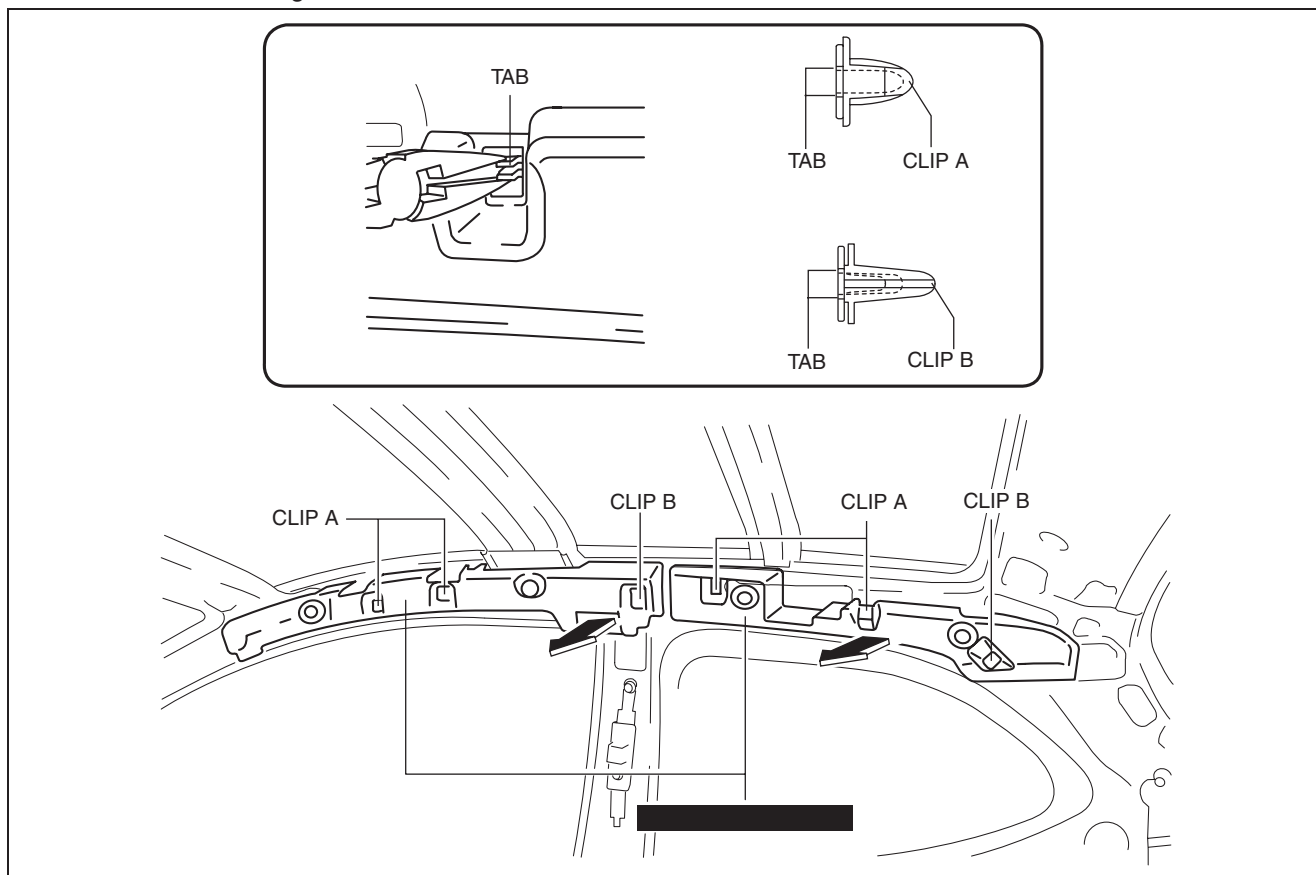
SHOCK ABSORBING PAD REMOVAL/INSTALLATION [3HB]

id0917004533z3

1. Remove the following parts:
- (1) A-pillar trim (See 09-17-42 A-PILLAR TRIM REMOVAL/INSTALLATION.)
 - (2) Front scuff plate (See 09-17-57 FRONT SCUFF PLATE REMOVAL/INSTALLATION [3HB].)
 - (3) Rear seat cushion (See 09-13-31 REAR SEAT CUSHION REMOVAL/INSTALLATION.)
 - (4) Rear seat back (See 09-13-27 REAR SEAT BACK REMOVAL/INSTALLATION [Except AutoAlliance (AAT) Thailand manufactured vehicles].)
 - (5) Rear seat belt lower anchor installation bolt (See 08-11-5 REAR SEAT BELT REMOVAL/INSTALLATION.)
 - (6) Trunk end trim (See 09-17-75 TRUNK END TRIM REMOVAL/INSTALLATION.)
 - (7) Trunk side trim (See 09-17-73 TRUNK SIDE TRIM REMOVAL/INSTALLATION [3HB].)
 - (8) C-pillar trim (See 09-17-52 C-PILLAR TRIM REMOVAL/INSTALLATION [3HB].)
 - (9) Front seat belt upper anchor installation bolt
 - (10) B-pillar upper trim (See 09-17-45 B-PILLAR UPPER TRIM REMOVAL/INSTALLATION [3HB].)
 - (11) Sunvisor (See 09-17-80 SUNVISOR REMOVAL/INSTALLATION.)
 - (12) Rain sensor cover (Vehicles with auto light / wiper system) (See 09-19-28 RAIN SENSOR REMOVAL/INSTALLATION.)
 - (13) Assist handle (See 09-17-80 ASSIST HANDLE REMOVAL/INSTALLATION.)
 - (14) Headliner (See 09-17-86 HEADLINER REMOVAL/INSTALLATION [3HB].)

INTERIOR TRIM

- Pinch the tab using pincers, remove clips A and B, then remove the shock-absorbing pad in the direction of the arrow shown in the figure.



am2zzw0000340

- Install in the reverse order of removal.

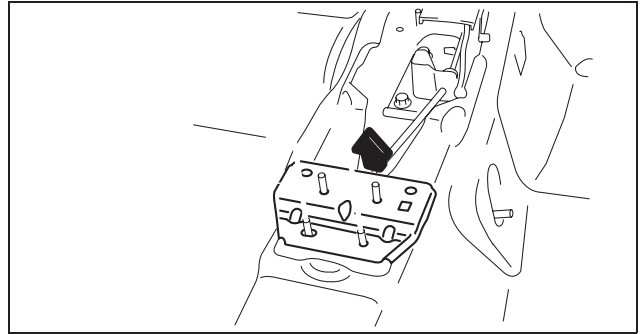
FLOOR COVERING REMOVAL/INSTALLATION

id091700461900

- Disconnect the negative battery cable.
- Remove the following parts:
 - Front seat (See 09-13-4 FRONT SEAT REMOVAL/INSTALLATION [AutoAlliance (AAT) Thailand manufactured vehicles].) (See 09-13-6 FRONT SEAT REMOVAL/INSTALLATION [Except AutoAlliance (AAT) Thailand manufactured vehicles].)
 - Rear seat cushion (See 09-13-31 REAR SEAT CUSHION REMOVAL/INSTALLATION.)
 - Front scuff plate (See 09-17-56 FRONT SCUFF PLATE REMOVAL/INSTALLATION.)
 - Rear scuff plate (See 09-17-58 REAR SCUFF PLATE REMOVAL/INSTALLATION.)
 - Front side trim (See 09-17-53 FRONT SIDE TRIM REMOVAL/INSTALLATION.)
 - Shift lever knob (MTX) (See 05-16A-1 MANUAL TRANSAXLE SHIFT MECHANISM REMOVAL/INSTALLATION [F35M-R].) (See 05-16B-2 MANUAL TRANSAXLE SHIFT MECHANISM REMOVAL/INSTALLATION [B65M-R].)
 - Side wall (See 09-17-33 SIDE WALL REMOVAL/INSTALLATION.)
 - Front console component (See 09-17-36 FRONT CONSOLE COMPONENT REMOVAL/INSTALLATION.)
 - Rear console (See 09-17-41 REAR CONSOLE REMOVAL/INSTALLATION.)
 - Steering shaft cover (See 06-13-10 STEERING WHEEL AND COLUMN REMOVAL/INSTALLATION [R.H.D.].)
 - Front side garnish (CVT) (See 09-17-55 FRONT SIDE GARNISH REMOVAL/INSTALLATION.)
 - B-pillar lower trim (See 09-17-46 B-PILLAR LOWER TRIM REMOVAL/INSTALLATION.)
 - Lower anchor installation bolts on the front seat belt.

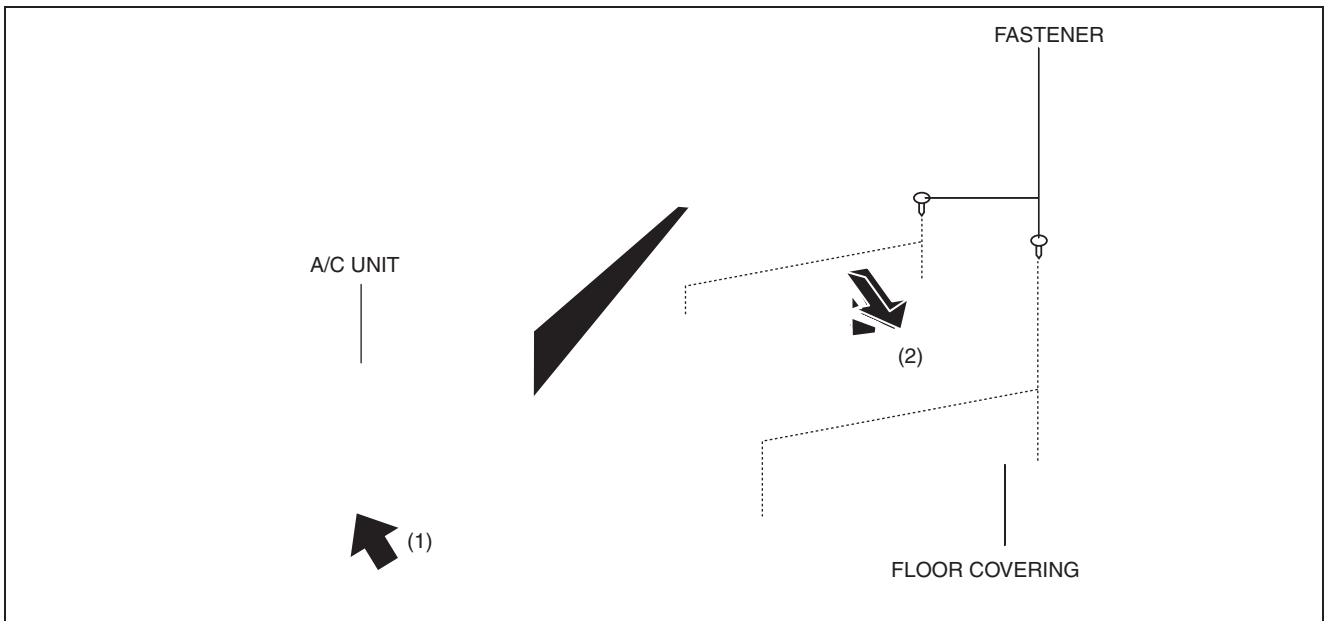
INTERIOR TRIM

3. Remove the nuts, then remove the rear console bracket in the direction of the arrow shown in the figure.
4. Cut the floor covering at the position indicated by the arrow (1) in the figure using scissors, detach the fasteners, then remove the floor covering in the direction of the arrow (2).



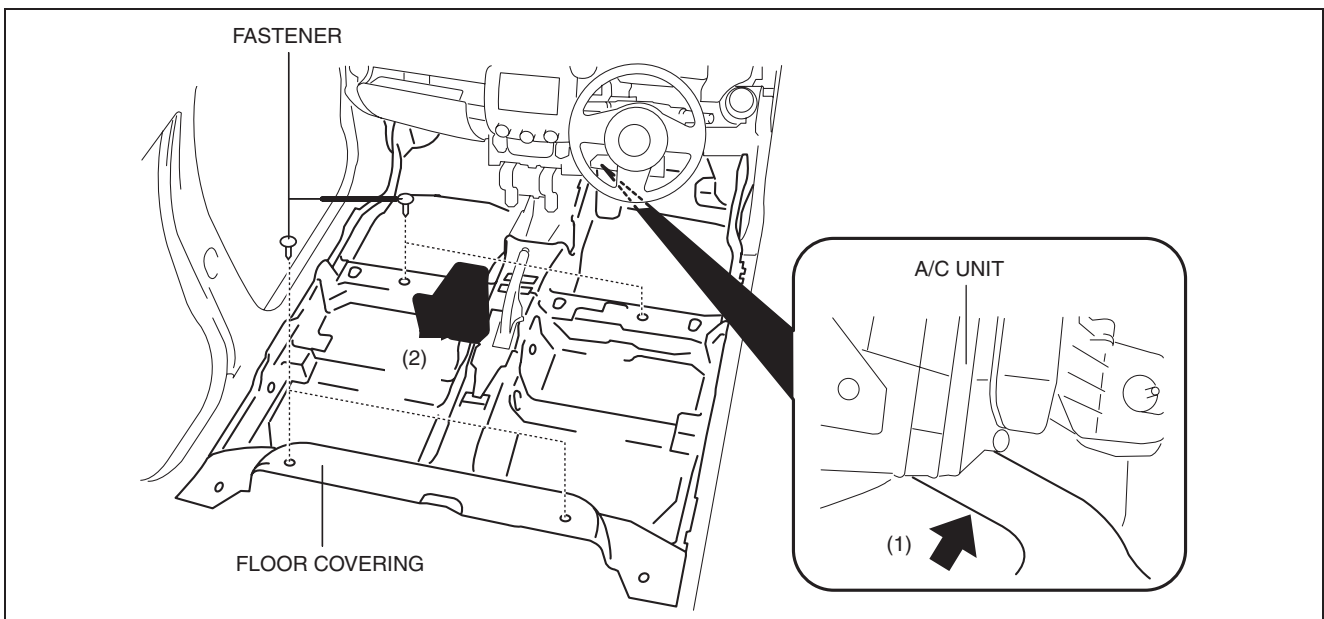
am2zzw0000187

L.H.D.



am2zzw0000187

R.H.D.



am2zzw0000187

Note

- The cut part does not need to match up when installing the floor covering.

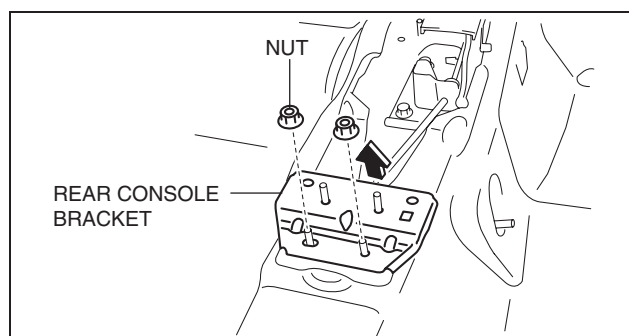
INTERIOR TRIM

5. Take the floor covering out from the opened liftgate.
6. Install in the reverse order of removal.

FLOOR COVERING REMOVAL/INSTALLATION [3HB]

id0917004619z3

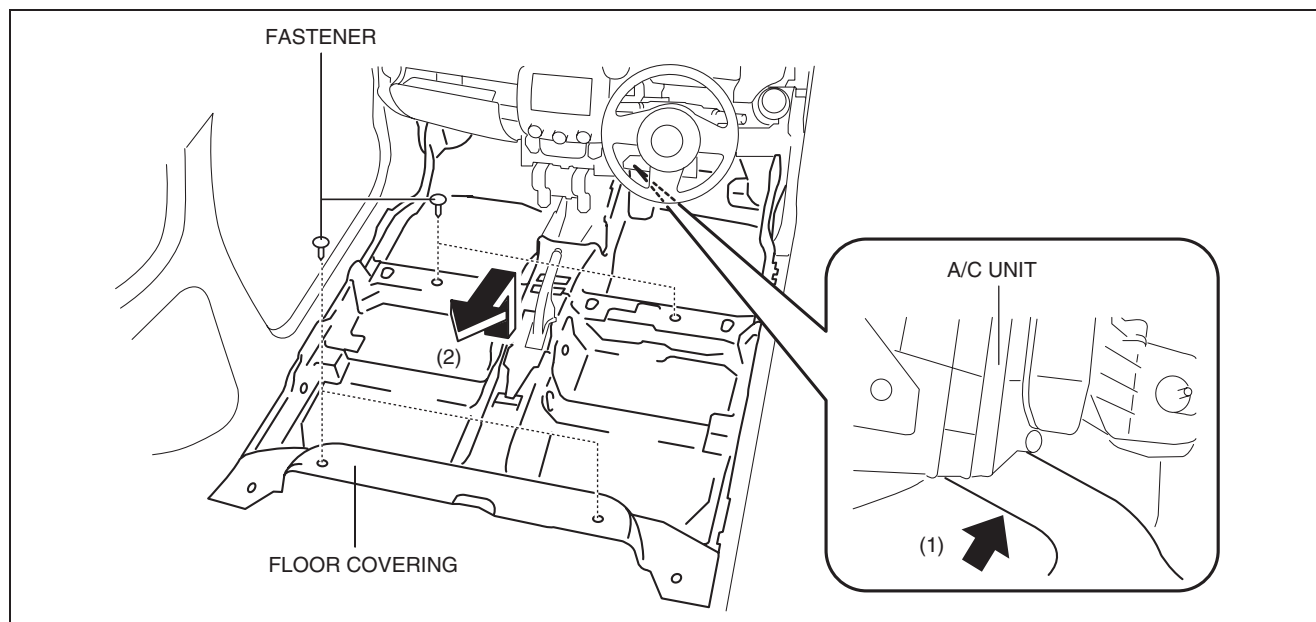
1. Disconnect the negative battery cable.
2. Remove the following parts:
 - (1) Front seat (See 09-13-6 FRONT SEAT REMOVAL/INSTALLATION [Except AutoAlliance (AAT) Thailand manufactured vehicles].)
 - (2) Rear seat cushion (See 09-13-31 REAR SEAT CUSHION REMOVAL/INSTALLATION.)
 - (3) Front scuff plate (See 09-17-57 FRONT SCUFF PLATE REMOVAL/INSTALLATION [3HB].)
 - (4) Front side trim (See 09-17-55 FRONT SIDE TRIM REMOVAL/INSTALLATION [3HB].)
 - (5) Shift lever knob (MTX) (See 05-16A-1 MANUAL TRANSAXLE SHIFT MECHANISM REMOVAL/INSTALLATION [F35M-R].)
(See 05-16B-2 MANUAL TRANSAXLE SHIFT MECHANISM REMOVAL/INSTALLATION [B65M-R].)
 - (6) Side wall (See 09-17-33 SIDE WALL REMOVAL/INSTALLATION.)
 - (7) Front console component (See 09-17-36 FRONT CONSOLE COMPONENT REMOVAL/INSTALLATION.)
 - (8) Rear console (See 09-17-41 REAR CONSOLE REMOVAL/INSTALLATION.)
 - (9) Steering shaft cover (See 06-13-10 STEERING WHEEL AND COLUMN REMOVAL/INSTALLATION [R.H.D.].)
 - (10) Rear seat back (See 09-13-27 REAR SEAT BACK REMOVAL/INSTALLATION [Except AutoAlliance (AAT) Thailand manufactured vehicles].)
 - (11) Trunk end trim (See 09-17-75 TRUNK END TRIM REMOVAL/INSTALLATION.)
 - (12) Trunk side trim (See 09-17-73 TRUNK SIDE TRIM REMOVAL/INSTALLATION [3HB].)
 - (13) Lower anchor installation bolts on the front seat belt
3. Remove the nuts, then remove the rear console bracket in the direction of the arrow shown in the figure.
4. Cut the floor covering at the position indicated by the arrow (1) in the figure using scissors, detach the fasteners, then remove the floor covering in the direction of the arrow (2).



am2zzw0000342

INTERIOR TRIM

R.H.D.



am2zzw0000342

Note

- The cut part does not need to match up when installing the floor covering.

5. Take the floor covering out from the opened liftgate.
6. Install in the reverse order of removal.

09-18 LIGHTING SYSTEMS

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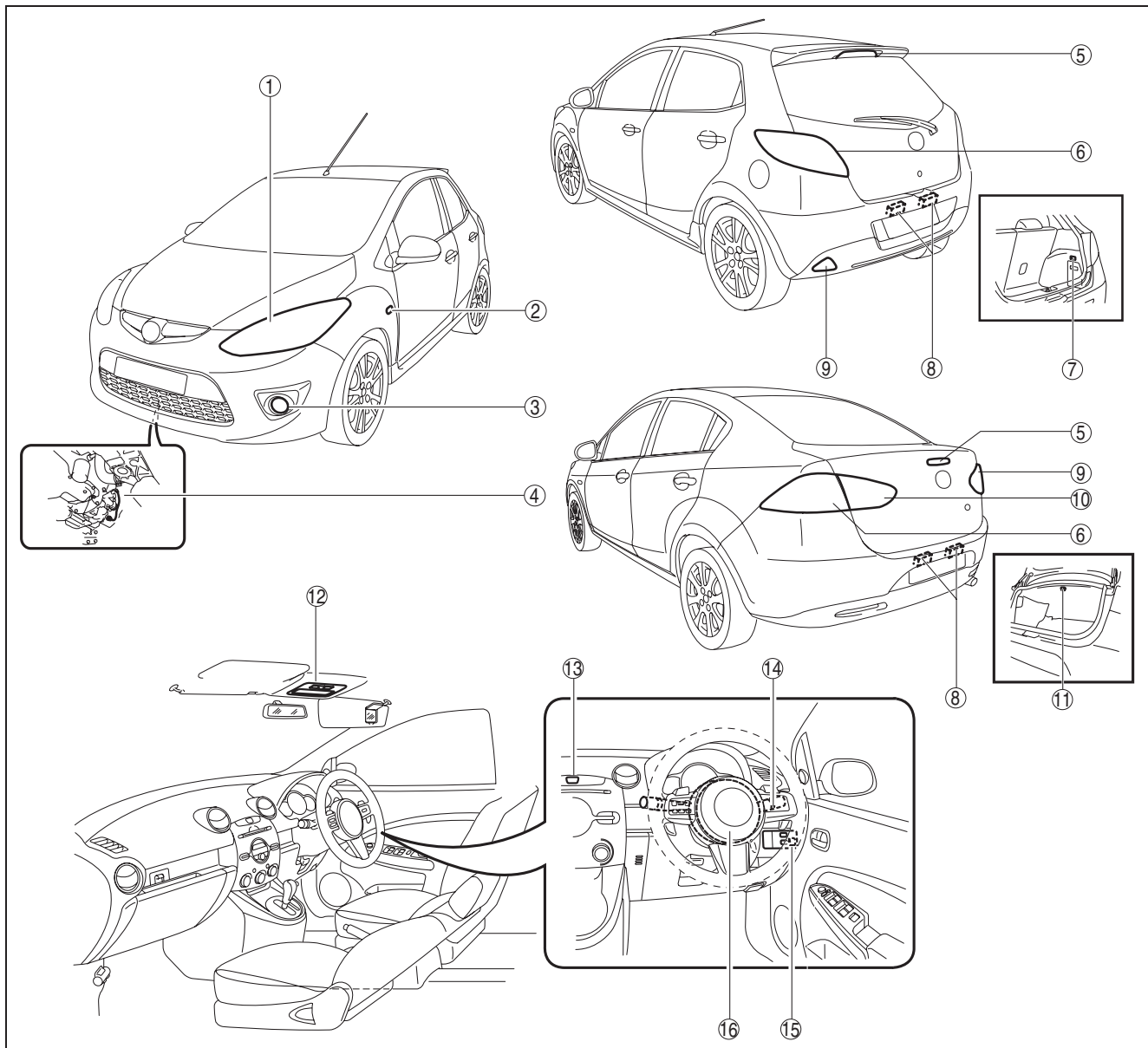
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LIGHTING SYSTEMS

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R.H.D.



am2zzw0000483

1	<p>Front combination lights (See 09-18-5 FRONT COMBINATION LIGHT REMOVAL/INSTALLATION.) (See 09-18-7 HEADLIGHT AIMING.) (See 09-18-6 HEADLIGHT BULB REMOVAL/INSTALLATION.) (See 09-18-16 PARKING LIGHT BULB REMOVAL/INSTALLATION.) (See 09-18-16 FRONT TURN LIGHT BULB REMOVAL/INSTALLATION.)</p>
2	<p>Front side turn light (See 09-18-23 FRONT SIDE TURN LIGHT REMOVAL/INSTALLATION.)</p>
3	<p>Front fog light (See 09-18-16 FRONT FOG LIGHT REMOVAL/INSTALLATION.) (See 09-18-19 FRONT FOG LIGHT BULB REMOVAL/INSTALLATION.) (See 09-18-20 FRONT FOG LIGHT AIMING.)</p>

4	<p>Back-up light switch (See 09-18-30 BACK-UP LIGHT SWITCH REMOVAL/INSTALLATION.) (See 09-18-31 BACK-UP LIGHT SWITCH INSPECTION.)</p>
5	<p>High-mount brake light (See 09-18-28 HIGH-MOUNT BRAKE LIGHT REMOVAL/INSTALLATION.) (See 09-18-29 HIGH-MOUNT BRAKE LIGHT BULB REMOVAL/INSTALLATION [4SD].)</p>
6	<p>Rear combination light (See 09-18-23 REAR COMBINATION LIGHT REMOVAL/INSTALLATION.) (See 09-18-25 REAR COMBINATION LIGHT BULB REMOVAL/INSTALLATION.)</p>

LIGHTING SYSTEMS

7	Cargo compartment light (See 09-18-46 CARGO COMPARTMENT LIGHT REMOVAL/INSTALLATION.) (See 09-18-46 CARGO COMPARTMENT LIGHT BULB REMOVAL/INSTALLATION.) (See 09-18-46 CARGO COMPARTMENT LIGHT INSPECTION.)
8	License plate light (See 09-18-29 LICENSE PLATE LIGHT REMOVAL/INSTALLATION.) (See 09-18-29 LICENSE PLATE LIGHT BULB REMOVAL/INSTALLATION.)
9	Rear fog light (See 09-18-26 REAR FOG LIGHT REMOVAL/INSTALLATION.) (See 09-18-27 REAR FOG LIGHT BULB REMOVAL/INSTALLATION.)
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12	Interior light (See 09-18-43 INTERIOR LIGHT REMOVAL/INSTALLATION.) (See 09-18-44 INTERIOR LIGHT INSPECTION.) (See 09-18-44 INTERIOR LIGHT BULB REMOVAL/INSTALLATION.)
13	Hazard warning switch (See 09-18-40 HAZARD WARNING SWITCH REMOVAL/INSTALLATION.) (See 09-18-41 HAZARD WARNING SWITCH INSPECTION.)
14	Light switch (See 09-18-35 LIGHT SWITCH REMOVAL/INSTALLATION.) (See 09-18-35 LIGHT SWITCH INSPECTION.) (See 09-18-38 FRONT FOG LIGHT SWITCH INSPECTION.) (See 09-18-39 REAR FOG LIGHT SWITCH INSPECTION.)
15	Headlight leveling switch (See 09-18-41 HEADLIGHT LEVELING SWITCH REMOVAL/INSTALLATION.) (See 09-18-42 HEADLIGHT LEVELING SWITCH INSPECTION.)
16	Combination switch (See 09-18-32 COMBINATION SWITCH REMOVAL/INSTALLATION.) (See 09-18-34 COMBINATION SWITCH DISASSEMBLY/ASSEMBLY.)

FRONT COMBINATION LIGHT REMOVAL/INSTALLATION

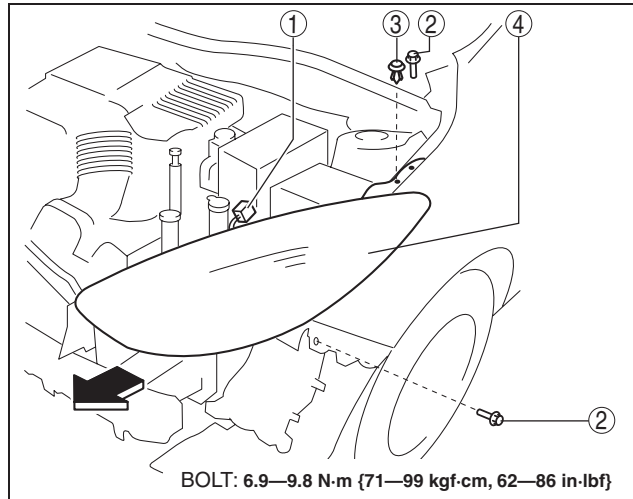
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1. Disconnect the negative battery cable.
2. Remove the front bumper. (See 09-10-8 FRONT BUMPER REMOVAL/INSTALLATION.)
3. Remove in the order indicated in the table.

LIGHTING SYSTEMS

1	Connector
2	Bolt
3	Fastener
4	Front combination light

4. Install in the reverse order of removal.
5. Adjust the headlight aiming. (See 09-18-7 HEADLIGHT AIMING.)



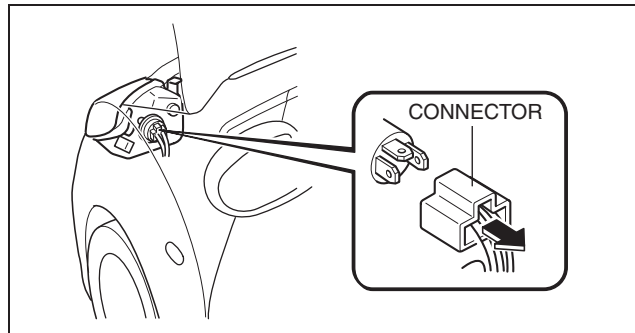
am2zzw0000499

id091800800500

HEADLIGHT BULB REMOVAL/INSTALLATION

2-Beam Type Headlight

1. Disconnect the negative battery cable.
2. Disconnect the connector.

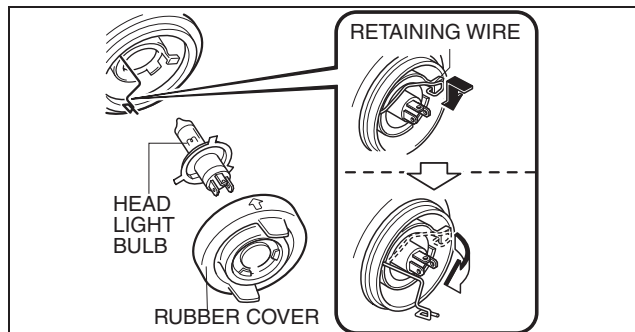


am2zzw0000248

3. Remove the rubber cover.
4. Press the bulb retaining wire in the direction of the arrow to release the lock.
5. Remove the headlight bulb.

Caution

- A bulb generates extremely high heat when it is illuminated. If the surface of the bulb is soiled, heat of higher temperature than normal will build, shortening the life of the bulb. When replacing the bulb, hold the metal flange, not the glass.



am2zzw0000248

6. Install in the reverse order of removal.

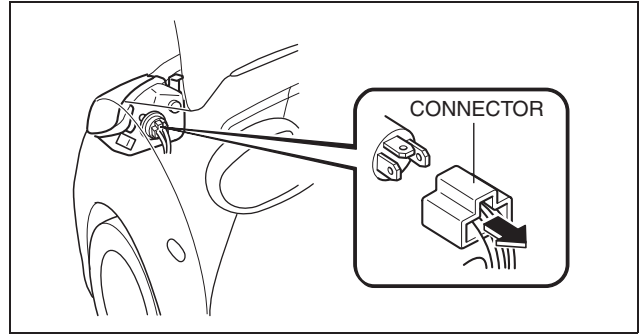
4-Beam Type Headlight

Low-beam

1. Disconnect the negative battery cable.

LIGHTING SYSTEMS

2. Disconnect the connector.

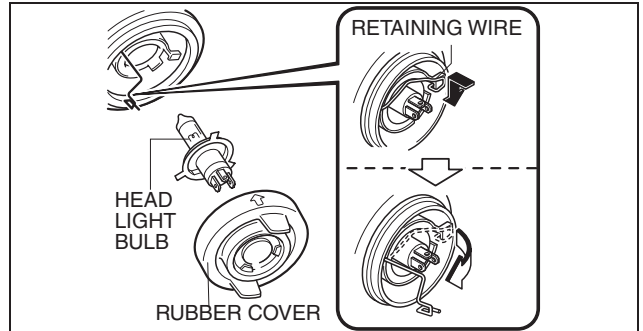


am2zzw0000248

3. Remove the rubber cover.
4. Press the bulb retaining wire in the direction of the arrow to release the lock.
5. Remove the headlight bulb.

Caution

- A bulb generates extremely high heat when it is illuminated. If the surface of the bulb is soiled, heat of higher temperature than normal will build, shortening the life of the bulb. When replacing the bulb, hold the metal flange, not the glass.



am2zzw0000248

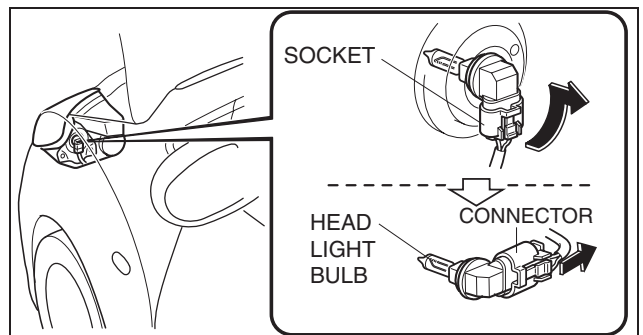
6. Install in the reverse order of removal.

High-beam

1. Disconnect the negative battery cable.
2. Rotate the socket in the direction of the arrow shown in the figure to remove it.
3. Disconnect the connector.
4. Remove the headlight bulb.

Caution

- A bulb generates extremely high heat when it is illuminated. If the surface of the bulb is soiled, heat of higher temperature than normal will build, shortening the life of the bulb. When replacing the bulb, hold the metal flange, not the glass.



am2zzw0000371

5. Install in the reverse order of removal.

HEADLIGHT AIMING

id091800800400

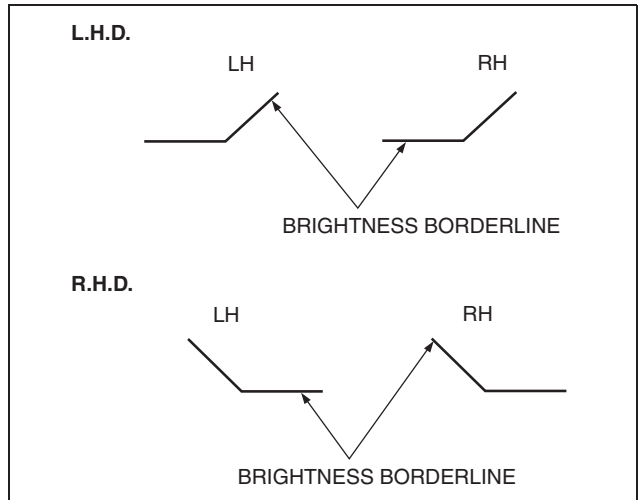
Note

- The reflectors for the low and high beams are integrated. Therefore, perform the headlight aiming adjustment on either the low or high beam.

LIGHTING SYSTEMS

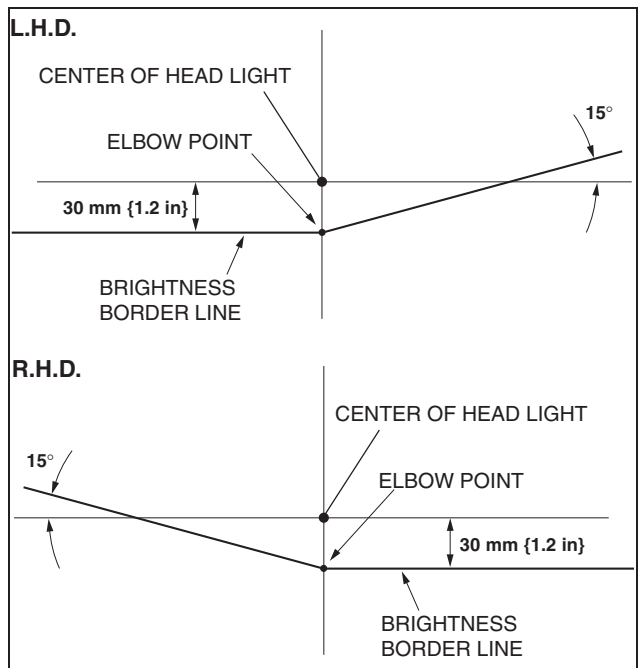
2-Beam Type Headlight Low-beam Adjustment

1. Point the headlight beams to a wall and verify that the headlight beams are as shown in the figure.



am2zzw0000335

2. Make a headlight adjustment screen as shown in the figure using double-weight, white paper.
3. Adjust the tire pressure to the specification.
4. Park the vehicle on level ground, in an unloaded condition.
5. Sit on the driver-side seat alone.
6. Put the white screen in front of the vehicle.
7. Line up the headlights with the white screen at a distance of **3 m {9.8 ft}** apart.



am2zzw0000335

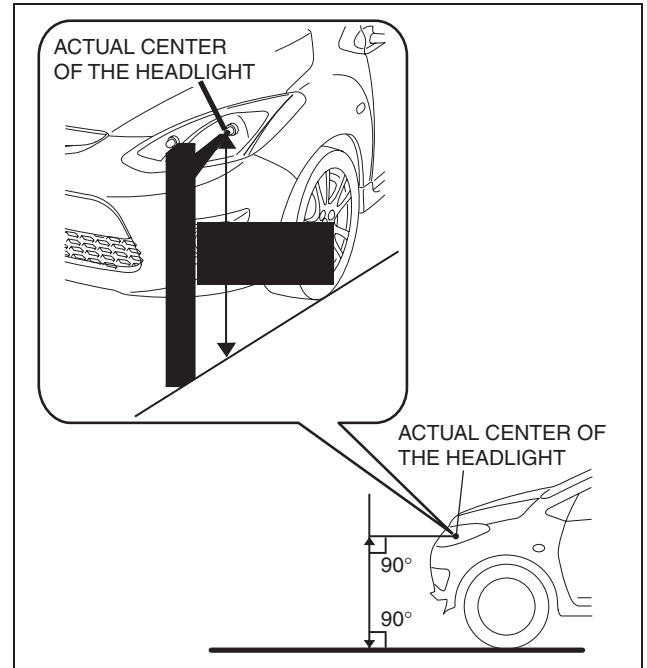
LIGHTING SYSTEMS

8. Measure the height at the center of the headlight.

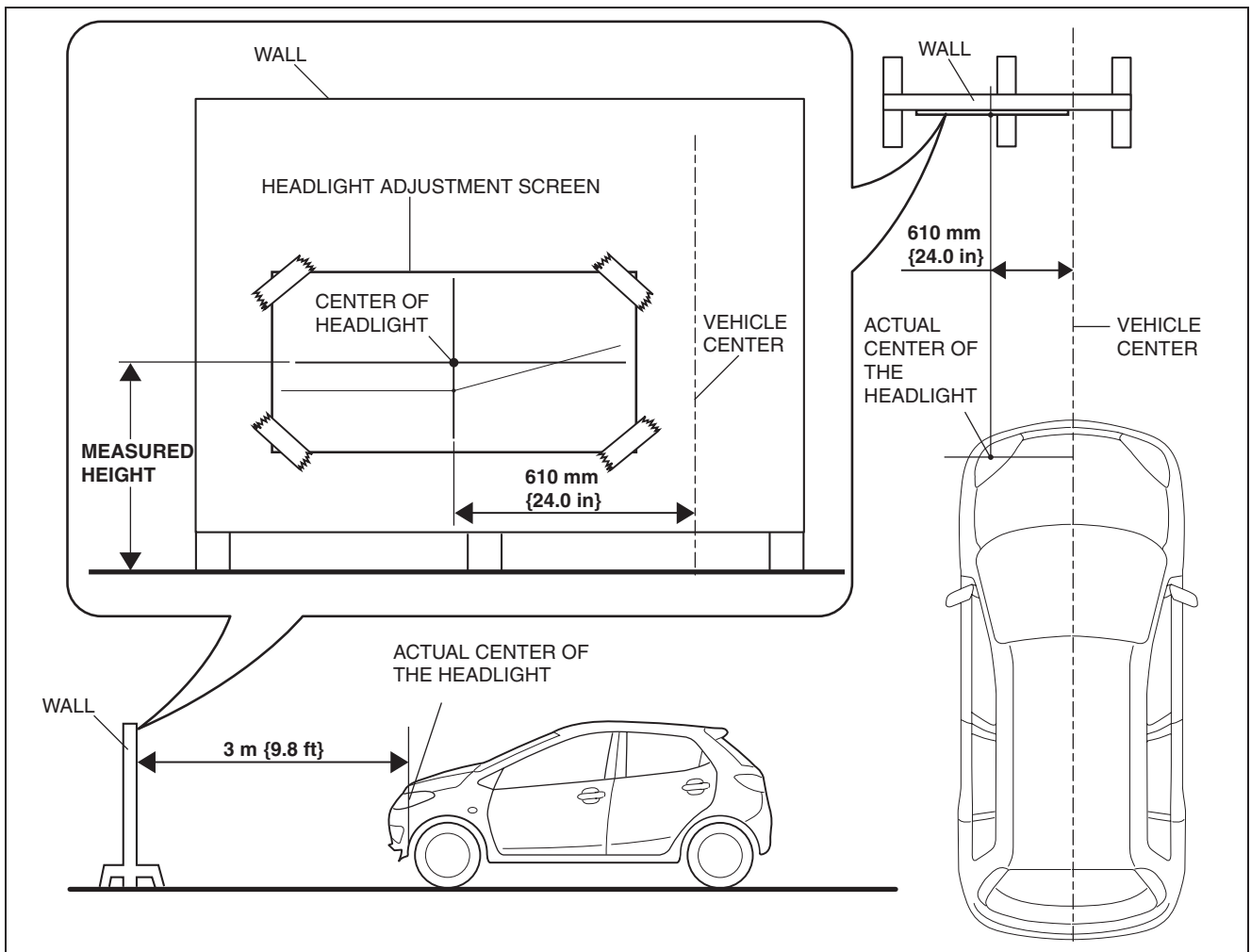
Note

- Since the height of the vehicle varies depending on the vehicle situation, measure the height of the center of the headlight using the actual vehicle.

9. Align the center of the adjustment screen with the position indicated in the figure, then affix the screen to the wall.



am2zzw0000371



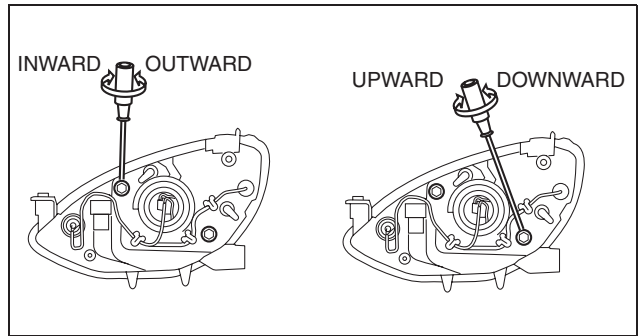
am2zzw0000335

10. Start the engine and charge the battery.
11. Turn on the headlight low beams.
12. Block the light of the headlight which is not adjusted.
13. Switch the headlight leveling switch at "0" position.

LIGHTING SYSTEMS

14. Verify that the elbow point of the headlight is at the position indicated by the adjustment screen.

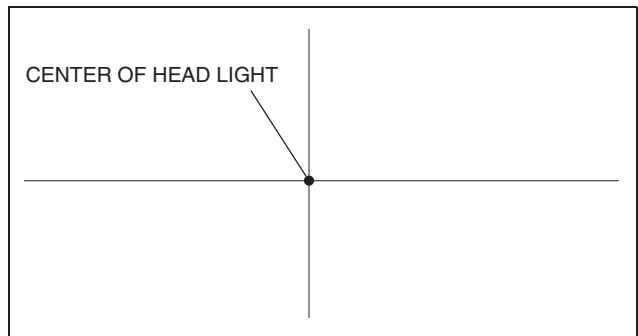
- If the elbow point is not at the position indicated by the adjustment screen, turn the adjustment screw as shown in the figure to adjust the elbow point to the position indicated by the adjustment screen.



am2zzw0000335

High-beam Adjustment

1. Make a headlight adjustment screen as shown in the figure using double-weight, white paper.
2. Adjust the tire pressure to the specification.
3. Park the vehicle on level ground, in an unloaded condition.
4. Sit on the driver-side seat alone.
5. Put the wall in front of the vehicle.
6. Line up the headlights with the wall at a distance of **3 m {9.8 ft}** apart.

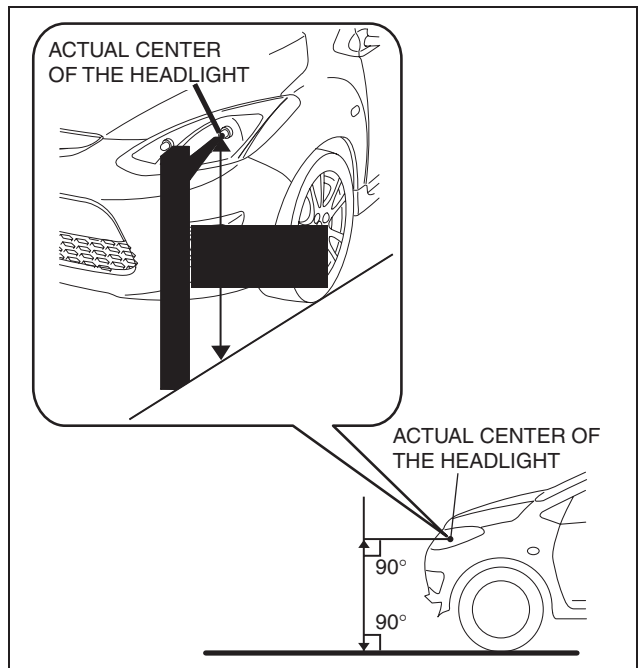


am2zzw0000335

7. Measure the height at the center of the headlight.

Note

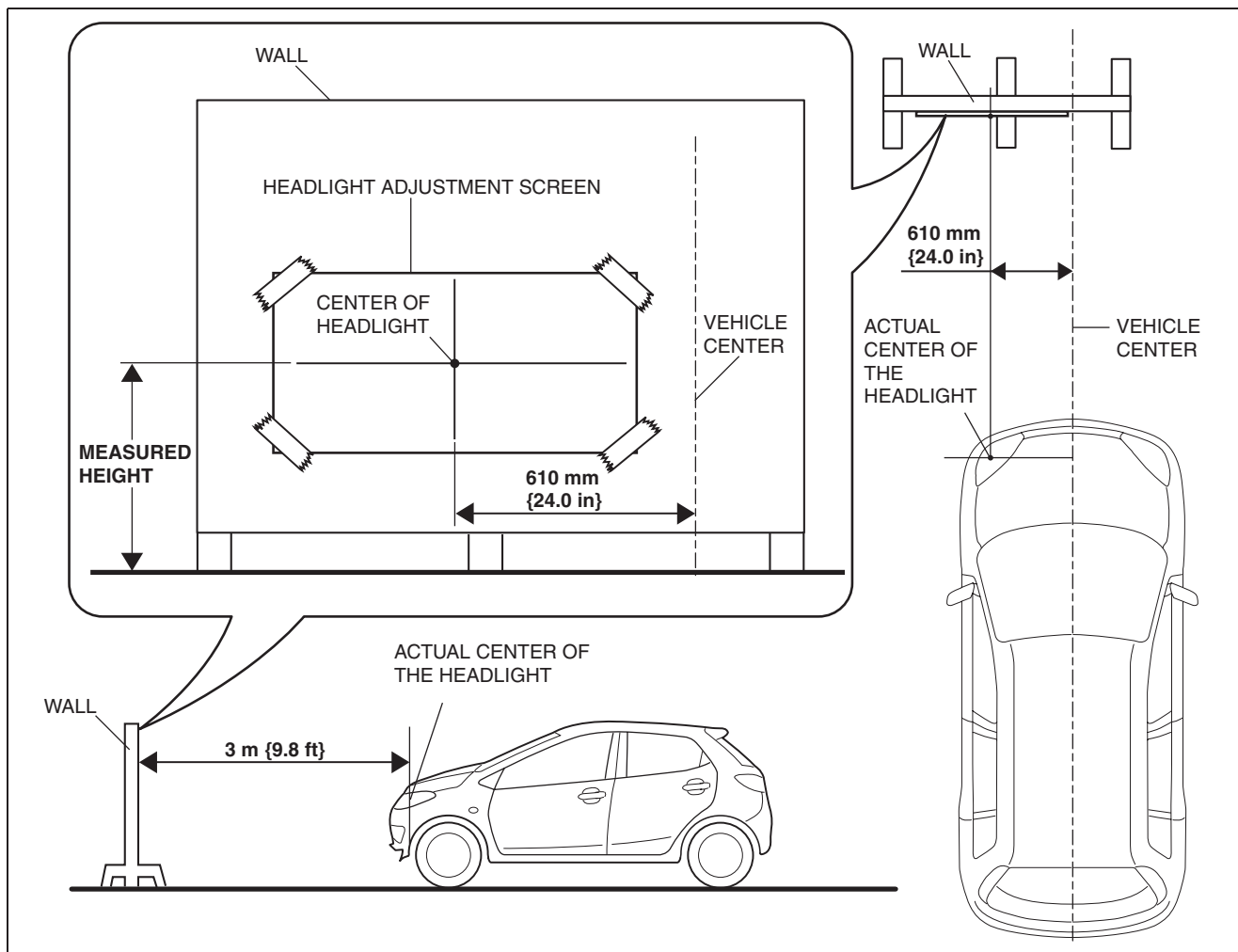
- Since the height of the vehicle varies depending on the vehicle situation, measure the height of the center of the headlight using the actual vehicle.



am2zzw0000371

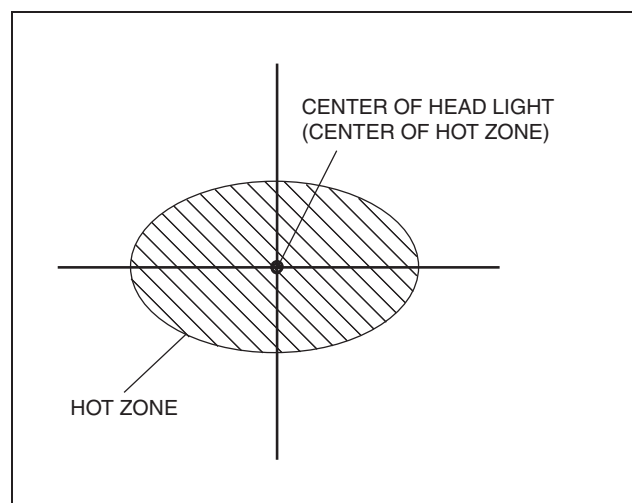
LIGHTING SYSTEMS

8. Align the center of the adjustment screen with the position indicated in the figure, then affix the screen to the wall.



am2zzw0000335

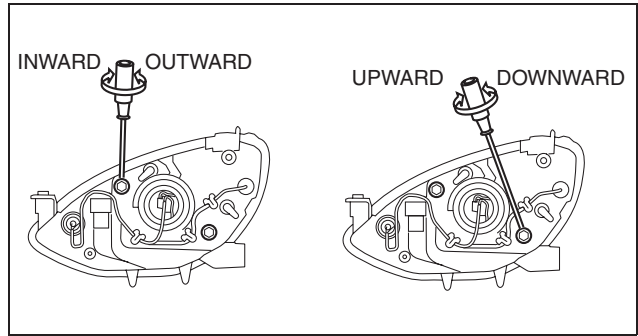
9. Start the engine and charge the battery.
10. Turn on the headlight high beams.
11. Block the light of the headlight which is not adjusted using a partition.
12. Switch the headlight leveling switch at "0" position.
13. Verify that the center of the hot zone (the bright part of high beam) is at the center of the headlight on the adjustment screen.



am2zzw0000335

LIGHTING SYSTEMS

- If the center of the hot zone is not at the center of the headlight on the adjustment screen, turn the adjustment screw to adjust the center of the hot zone.

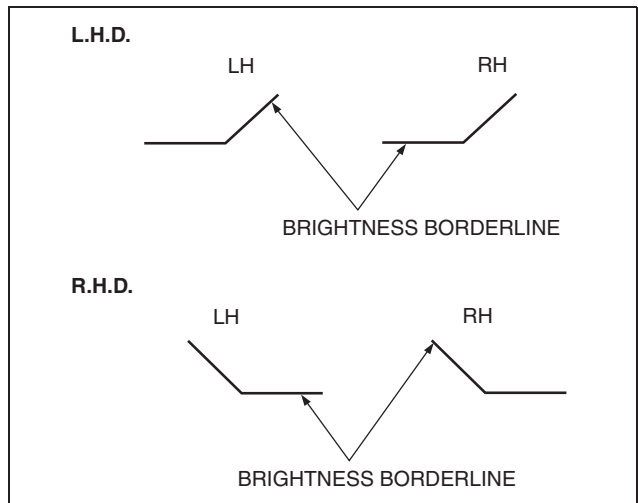


am2zzw0000336

4-Beam Type Headlight

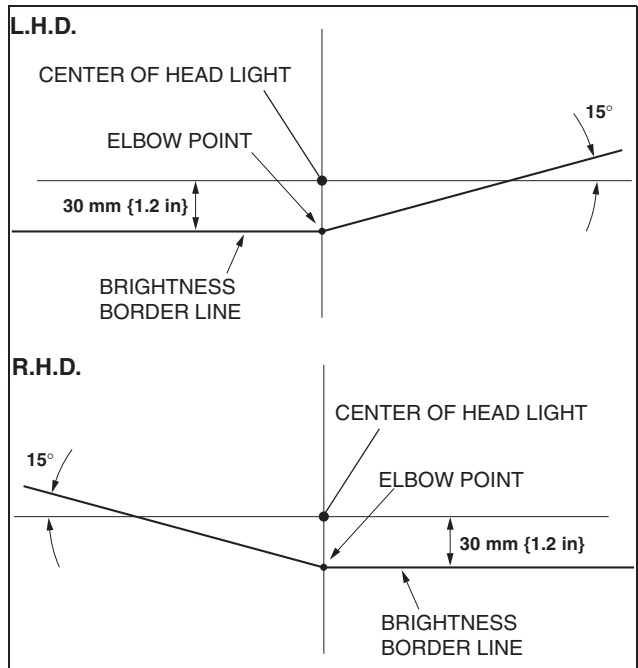
Low-beam Adjustment

1. Point the headlight beams to a wall and verify that the headlight beams are as shown in the figure.



am2zzw0000335

2. Make a headlight adjustment screen as shown in the figure using double-weight, white paper.
3. Adjust the tire pressure to the specification.
4. Park the vehicle on level ground, in an unloaded condition.
5. Sit on the driver-side seat alone.
6. Put the white screen in front of the vehicle.
7. Line up the headlights with the white screen at a distance of **3 m {9.8 ft}** apart.



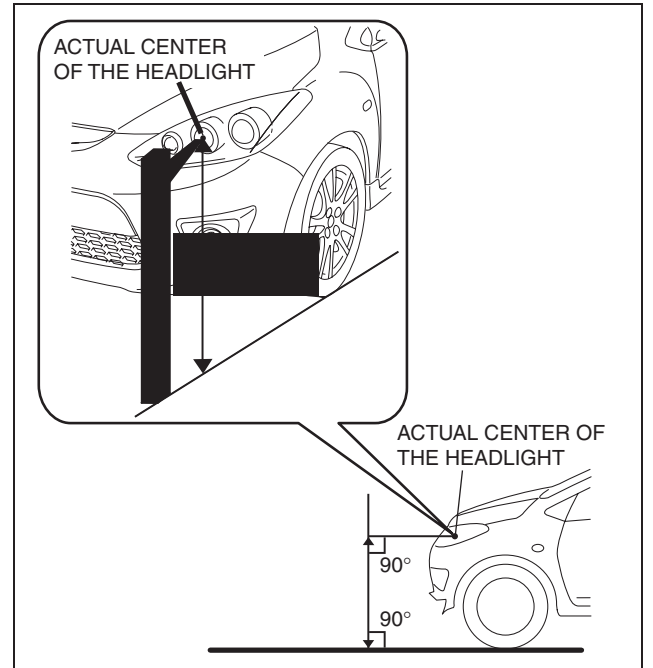
am2zzw0000335

LIGHTING SYSTEMS

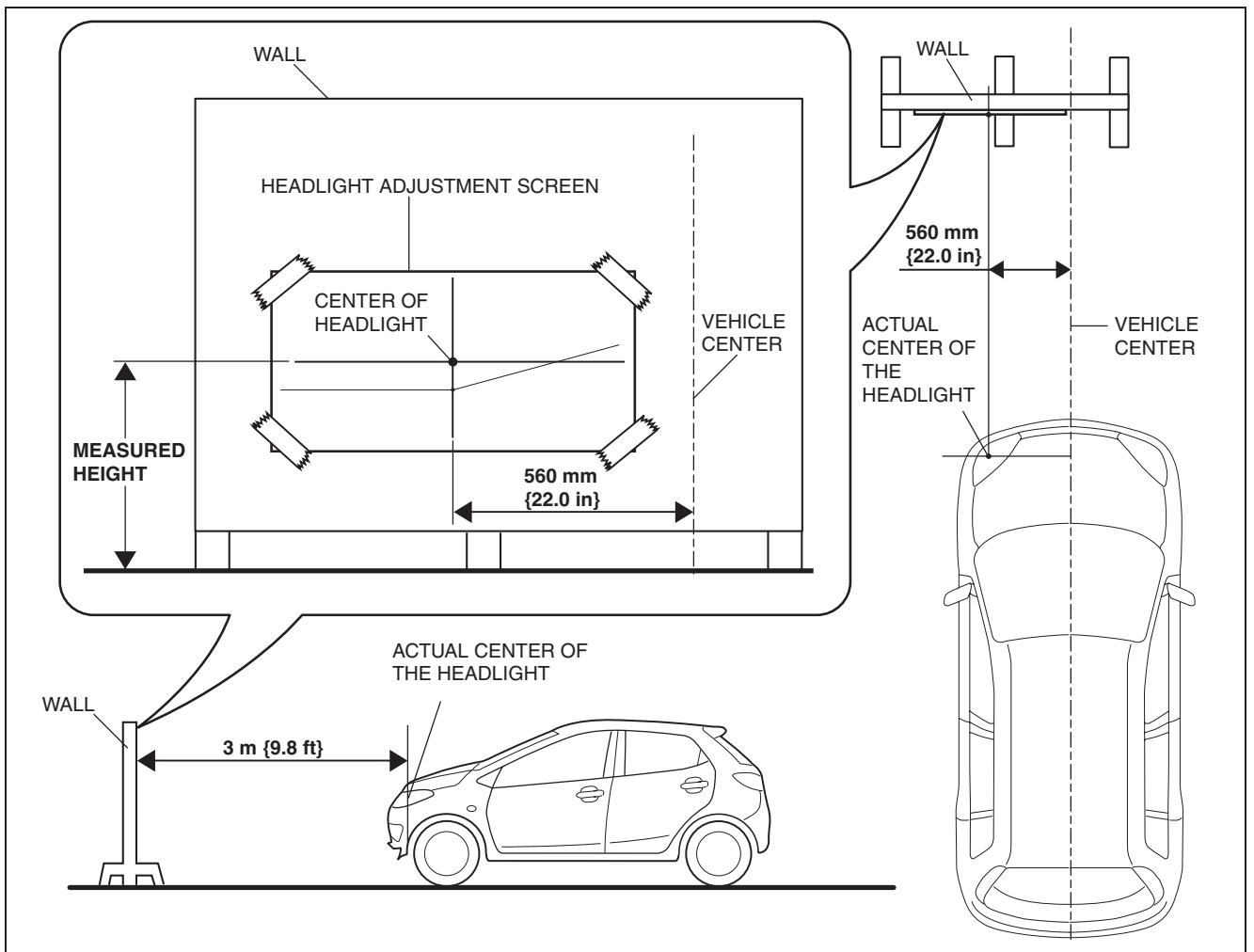
- Measure the height at the center of the headlight.

Note

- Since the height of the vehicle varies depending on the vehicle situation, measure the height of the center of the headlight using the actual vehicle.
- Align the center of the adjustment screen with the position indicated in the figure, then affix the screen to the wall.



am2zzw0000372



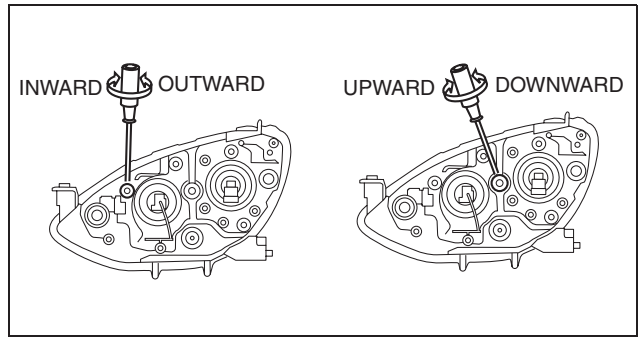
am2zzw0000371

- Start the engine and charge the battery.
- Turn on the headlight low beams.
- Block the light of the headlight which is not adjusted.
- Switch the headlight leveling switch at "0" position.

LIGHTING SYSTEMS

14. Verify that the elbow point of the headlight is at the position indicated by the adjustment screen.

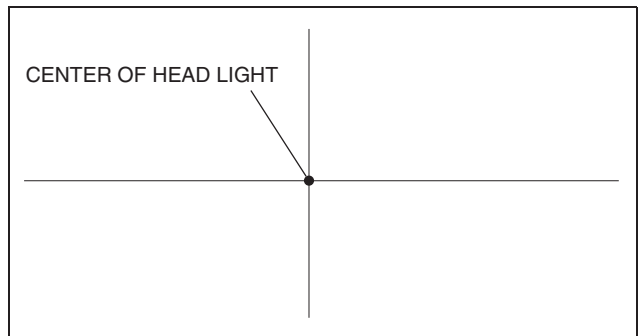
- If the elbow point is not at the position indicated by the adjustment screen, turn the adjustment screw as shown in the figure to adjust the elbow point to the position indicated by the adjustment screen.



am2zzw0000372

High-beam Adjustment

1. Make a headlight adjustment screen as shown in the figure using double-weight, white paper.
2. Adjust the tire pressure to the specification.
3. Park the vehicle on level ground, in an unloaded condition.
4. Sit on the driver-side seat alone.
5. Put the wall in front of the vehicle.
6. Line up the headlights with the wall at a distance of **3 m {9.8 ft}** apart.

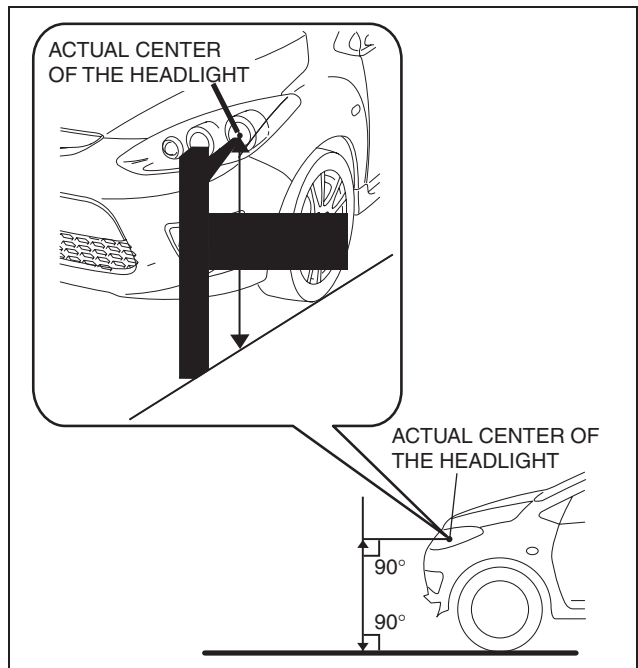


am2zzw0000335

7. Measure the height at the center of the headlight.

Note

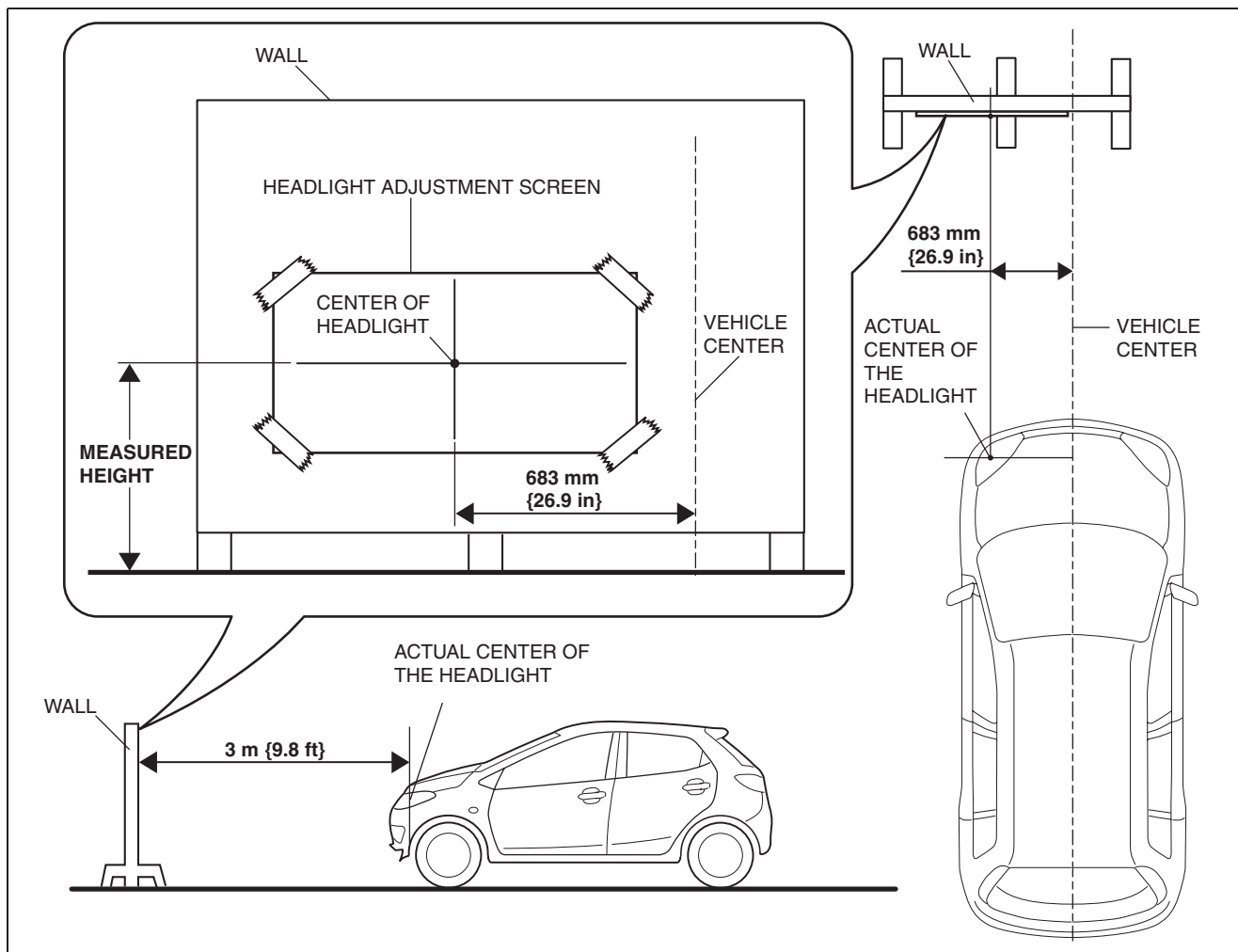
- Since the height of the vehicle varies depending on the vehicle situation, measure the height of the center of the headlight using the actual vehicle.



am2zzw0000372

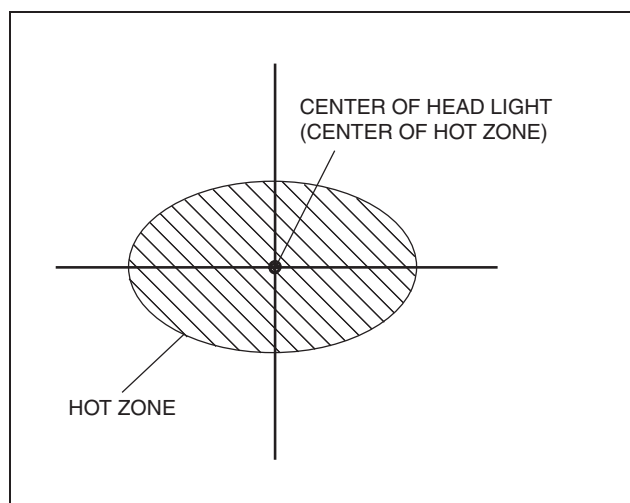
LIGHTING SYSTEMS

8. Align the center of the adjustment screen with the position indicated in the figure, then affix the screen to the wall.



am2zzw0000371

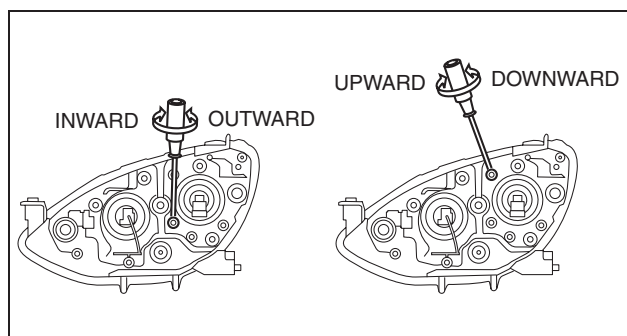
9. Start the engine and charge the battery.
10. Turn on the headlight high beams.
11. Block the light of the headlight which is not adjusted using a partition.
12. Switch the headlight leveling switch at "0" position.
13. Verify that the center of the hot zone (the bright part of high beam) is at the center of the headlight on the adjustment screen.



am2zzw0000335

LIGHTING SYSTEMS

- If the center of the hot zone is not at the center of the headlight on the adjustment screen, turn the adjustment screw to adjust the center of the hot zone.

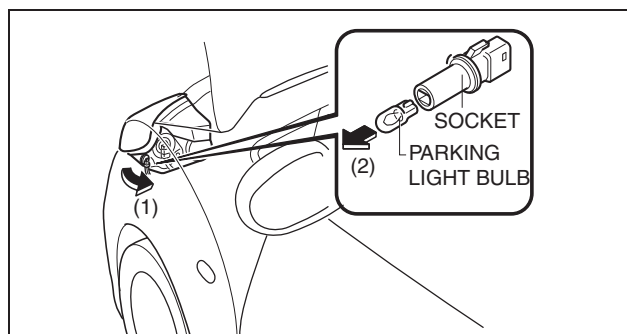


am2zzw0000372

PARKING LIGHT BULB REMOVAL/INSTALLATION

id091800804200

1. Disconnect the negative battery cable.
2. Rotate the socket in the direction of the arrow (1) and remove it.
3. Remove the parking light bulb from the socket in the direction of the arrow (2).
4. Install in the reverse order of removal.

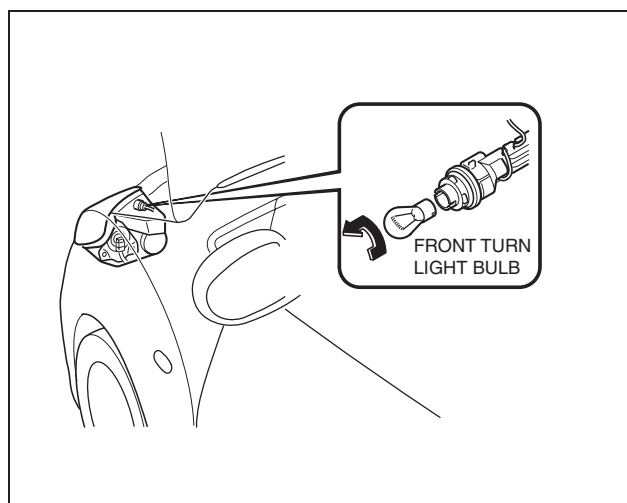


am2zzw0000248

FRONT TURN LIGHT BULB REMOVAL/INSTALLATION

id091800805000

1. Disconnect the negative battery cable.
2. Rotate the socket in the direction of the arrow shown in the figure and remove it.
3. Remove the front turn light bulb.
4. Install in the reverse order of removal.



am2zzw0000239

FRONT FOG LIGHT REMOVAL/INSTALLATION

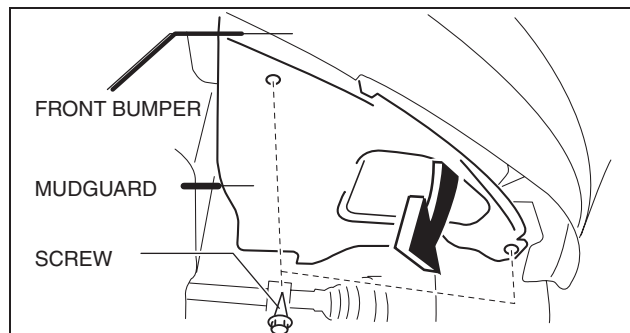
id091800802100

Except AutoAlliance Thailand (AAT) Manufactured Vehicles Standard type

1. Disconnect the negative battery cable.
2. Lift up the vehicle.

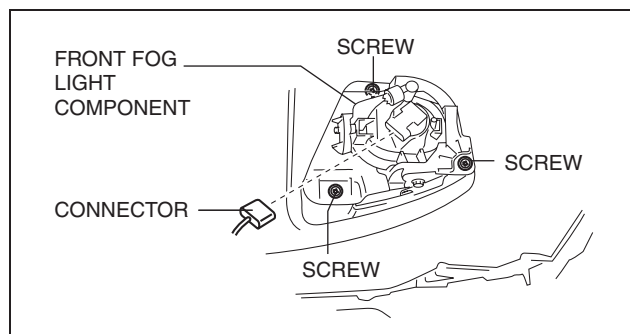
LIGHTING SYSTEMS

- Remove the screws shown in the figure and bend back the mudguard in the direction of the arrow.



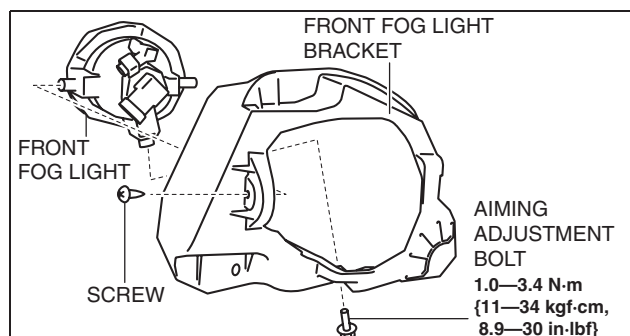
am2zzw0000250

- Disconnect the connector.
- Remove the screws, then remove the front fog light component.



am2zzw0000248

- Remove the aiming adjustment bolt.
- Remove the screw.
- Remove the front fog light.
- Install in the reverse order of removal.
- Adjust the front fog light aiming. (See 09-18-20 FRONT FOG LIGHT AIMING.)

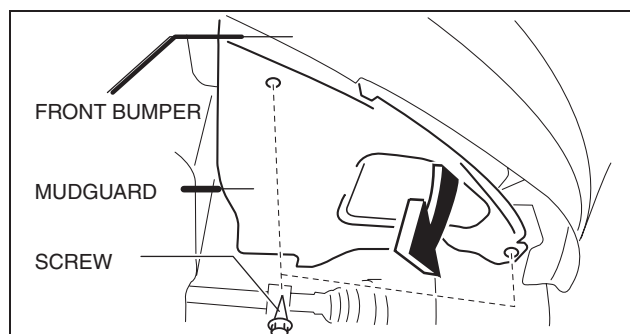


AIMING
ADJUSTMENT
BOLT
1.0—3.4 N·m
{11—34 kgf·cm,
8.9—30 in·lbf}

am2zzw0000446

Sport type

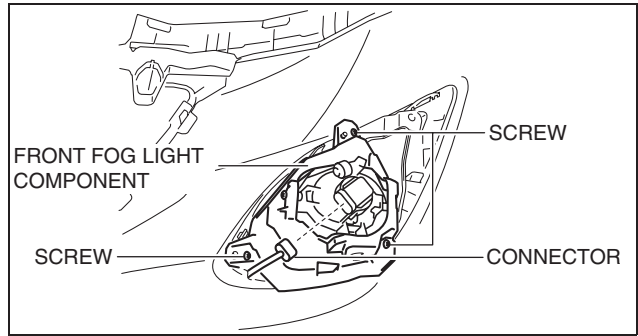
- Disconnect the negative battery cable.
- Lift up the vehicle.
- Remove the screws shown in the figure and bend back the mudguard in the direction of the arrow.



am2zzw0000250

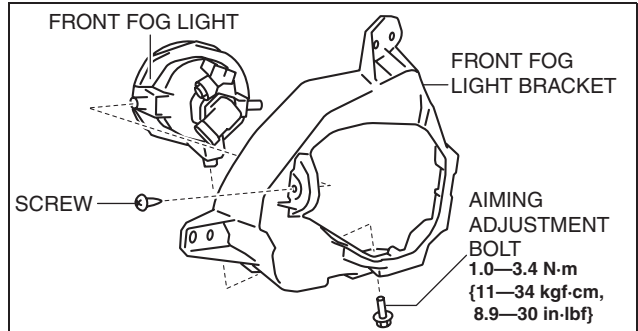
LIGHTING SYSTEMS

4. Disconnect the connector.
5. Remove the screws, then remove the front fog light component.



am2zzw0000446

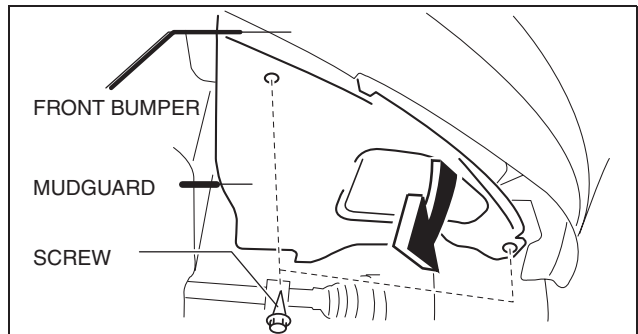
6. Remove the aiming adjustment bolt.
7. Remove the screw.
8. Remove the front fog light.
9. Install in the reverse order of removal.
10. Adjust the front fog light aiming. (See 09-18-20 FRONT FOG LIGHT AIMING.)



am2zzw0000446

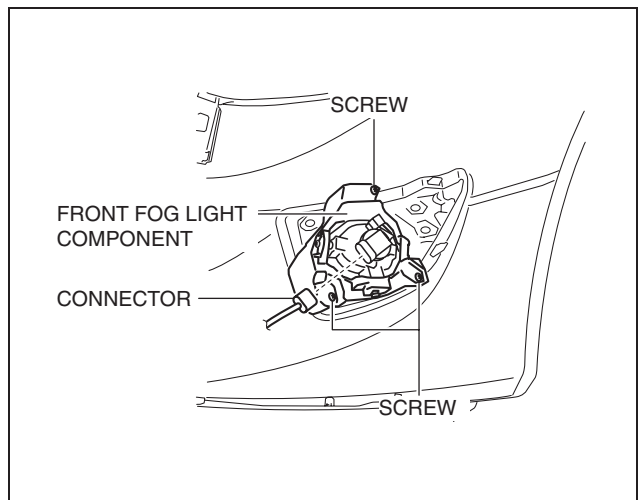
AutoAlliance Thailand (AAT) Manufactured Vehicles Standard Type

1. Disconnect the negative battery cable.
2. Lift up the vehicle.
3. Remove the screws shown in the figure and bend back the mudguard in the direction of the arrow.



am2zzw0000250

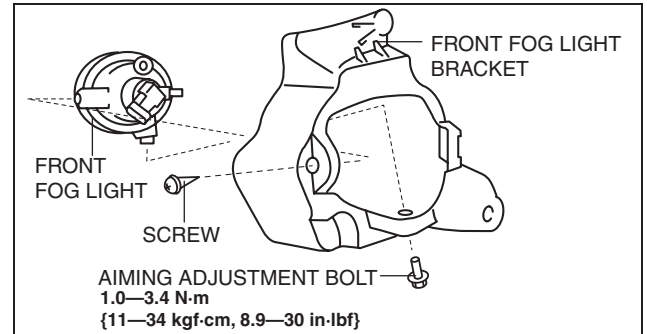
4. Disconnect the connector.
5. Remove the screws, then remove the front fog light component.



am2zzw0000446

LIGHTING SYSTEMS

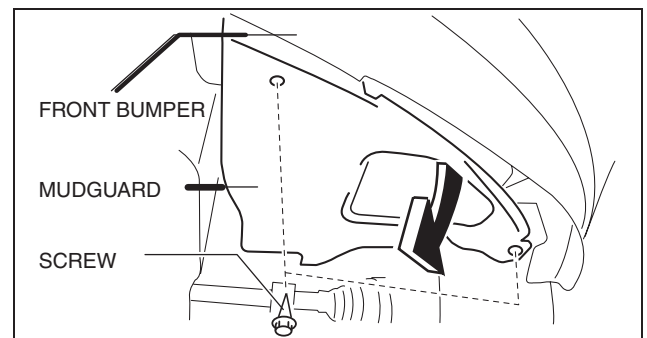
6. Remove the aiming adjustment bolt.
7. Remove the screw.
8. Remove the front fog light.
9. Install in the reverse order of removal.
10. Adjust the front fog light aiming. (See 09-18-20 FRONT FOG LIGHT AIMING.)



am2zzw0000443

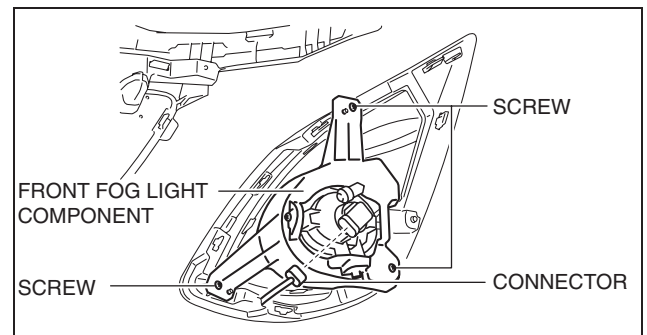
Sport Type

1. Disconnect the negative battery cable.
2. Lift up the vehicle.
3. Remove the screws shown in the figure and bend back the mudguard in the direction of the arrow.



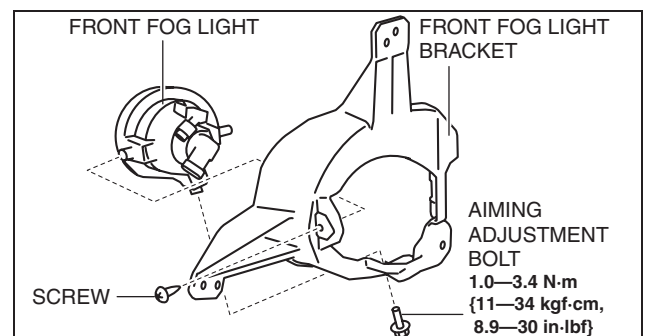
am2zzw0000250

4. Disconnect the connector.
5. Remove the screws, then remove the front fog light component.



am2zzw0000446

6. Remove the aiming adjustment bolt.
7. Remove the screw.
8. Remove the front fog light.
9. Install in the reverse order of removal.
10. Adjust the front fog light aiming. (See 09-18-20 FRONT FOG LIGHT AIMING.)



am2zzw0000446

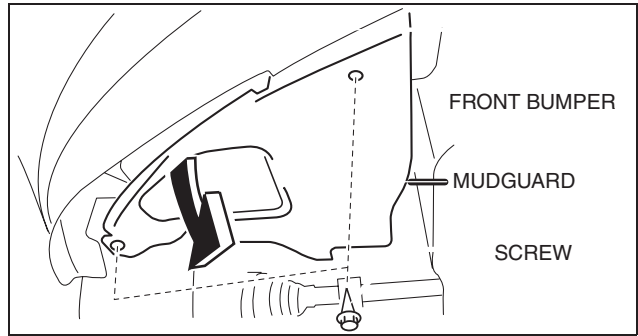
FRONT FOG LIGHT BULB REMOVAL/INSTALLATION

1. Disconnect the negative battery cable.

id091800802300

LIGHTING SYSTEMS

- Remove the screws shown in the figure and bend back the mudguard in the direction of the arrow.



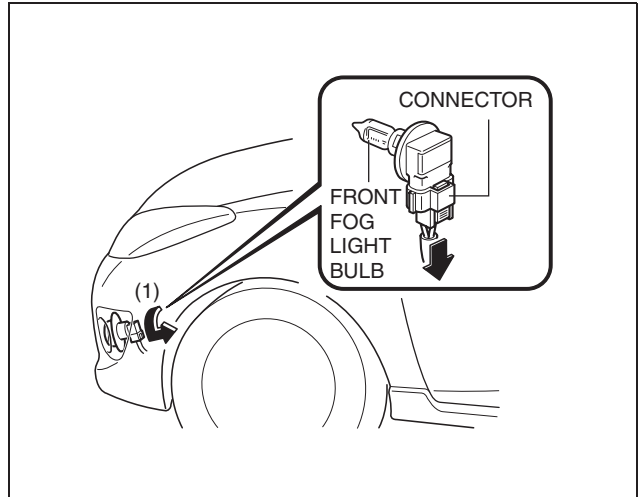
am2zzw0000382

- Disconnect the connector.
- Rotate the front fog light bulb in the direction of the arrow (1) and pull it out.

Caution

- A bulb generates extremely high heat when it is illuminated. If the surface of the bulb is soiled, heat of higher temperature than normal will build, shortening the life of the bulb. When replacing the bulb, hold the metal flange, not the glass.

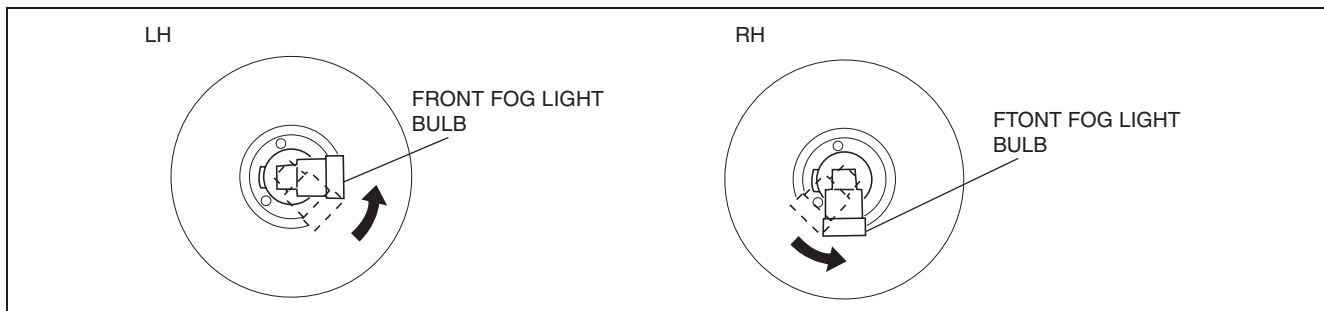
- Install in the reverse order of removal. (See 09-18-20 Front Fog Light Bulb Installation Note.)



am2zzw0000382

Front Fog Light Bulb Installation Note

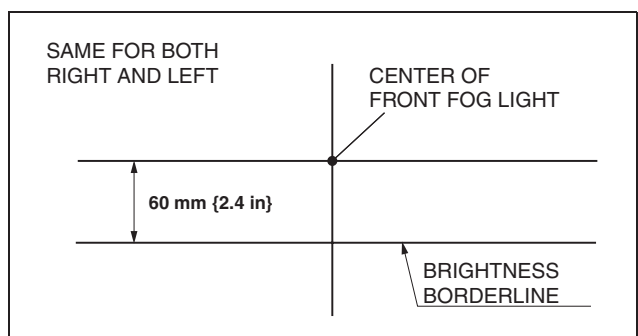
- Install the front fog light bulb by turning it in the direction of the arrow.



am2zzw0000217

FRONT FOG LIGHT AIMING

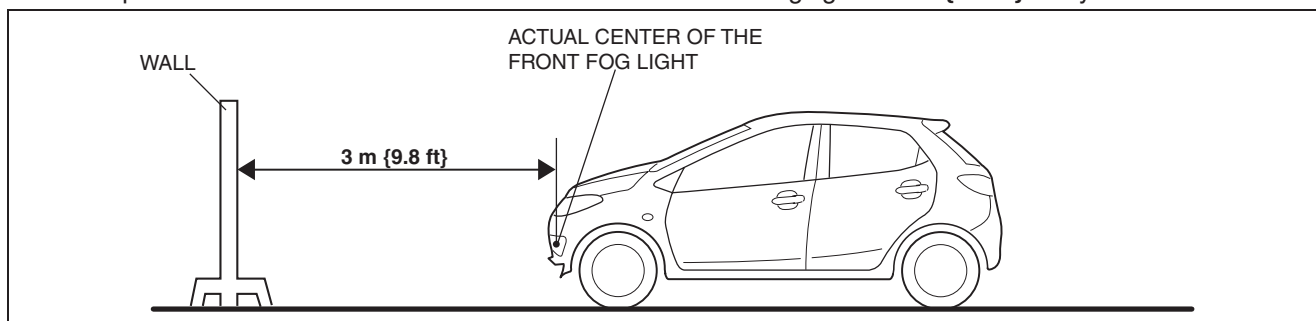
- Make a front fog light adjustment screen as shown in the figure using double-weight, white paper.
- Adjust the tire pressure to the specification.
- Position the unloaded vehicle on a flat, level surface.
- Seat one person in the driver's seat.



am2zzw0000444

LIGHTING SYSTEMS

5. Line up the vehicle with the wall so that the center of the front fog light is **3 m {9.8 ft}** away from the wall.

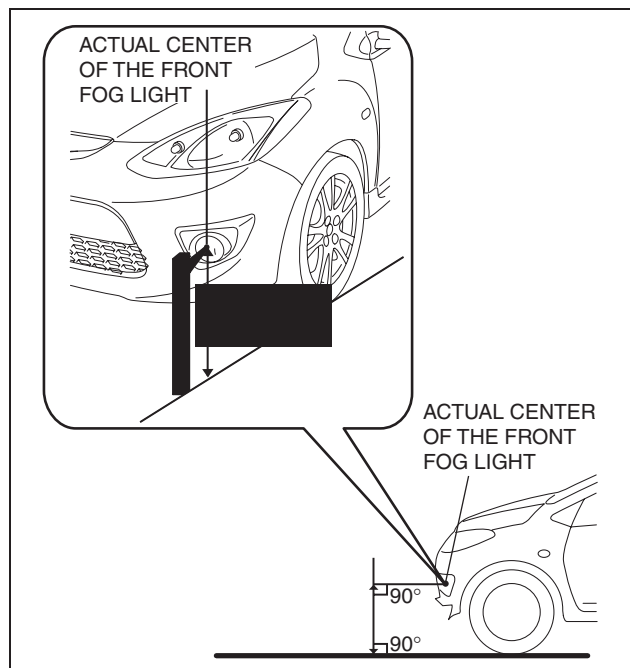


am2zzw0000444

6. Measure the height at the center of the front fog light.

Note

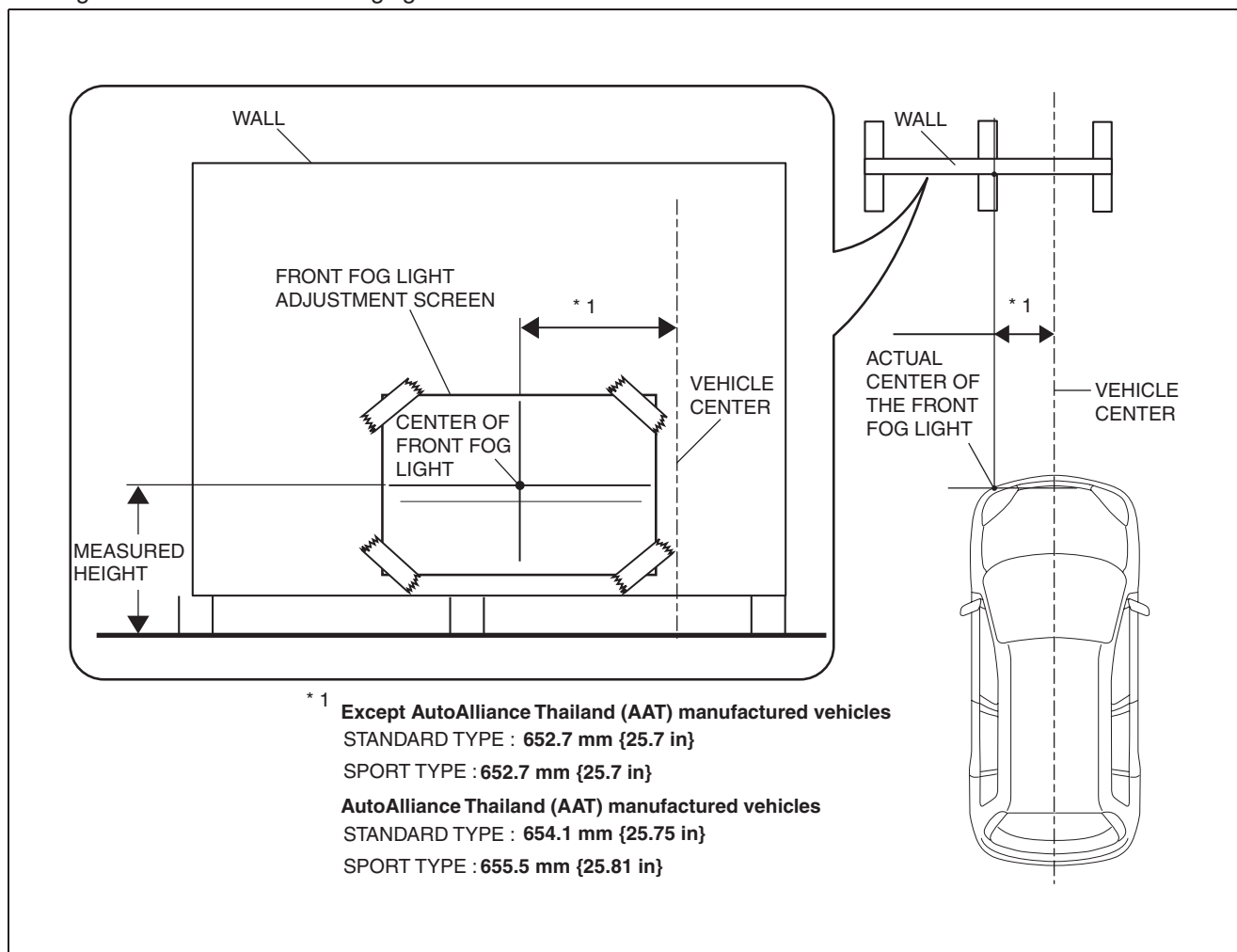
- Since the height of the vehicle varies depending on the vehicle situation, measure the height of the center of the front fog light using the actual vehicle.



am2zzw0000496

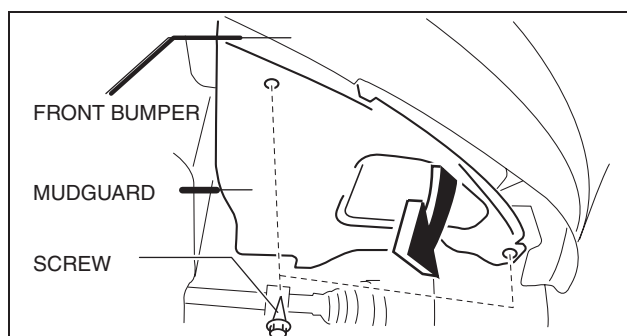
LIGHTING SYSTEMS

7. Align the center of the front fog light with the center of the screen.



am2zzw0000444

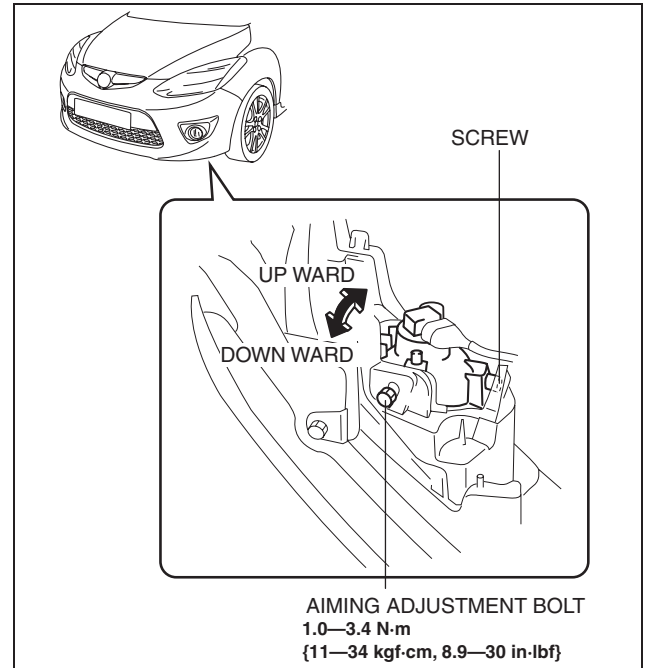
8. Block the light of the other front fog light using a partition.
9. Start the engine so that the battery remains charged.
10. Turn the front fog lights on.
11. Verify that brightness border line of the front fog light is at the position indicated on the adjustment screen.
 - If the brightness border line is not at the position indicated on the adjustment screen, perform the following adjustment.
12. Remove the screws shown in the figure and bend back the mudguard in the direction of the arrow.



am2zzw0000250

LIGHTING SYSTEMS

- Loosen the aiming adjustment bolt, adjust the center of the front fog light to the position shown in the figure, and tighten the screws.



am2zzw0000444

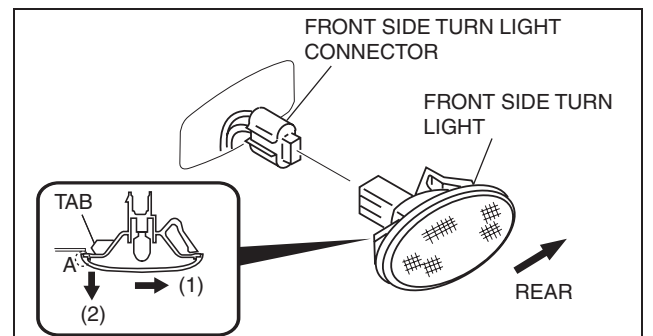
FRONT SIDE TURN LIGHT REMOVAL/INSTALLATION

id091800800900

- Disconnect the negative battery cable.
- Move the front side turn light in the direction of the arrow (1) (toward the vehicle rear) and detach the tab.
- Pull area A of the front side turn light in the direction of the arrow (2) and remove the front side turn light.
- Disconnect the front side turn light connector.
- Install in the reverse order of removal.

Caution

- Always assemble the front side turn light with the tab towards the vehicle rear.



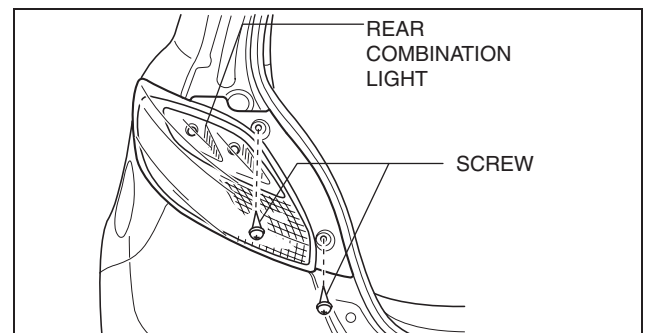
am2zzw0000336

REAR COMBINATION LIGHT REMOVAL/INSTALLATION

id091800801000

5HB/3HB

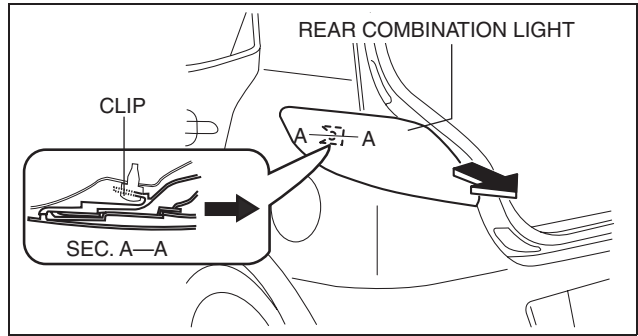
- Disconnect the negative battery cable.
- Remove the screws.



am2zzw0000218

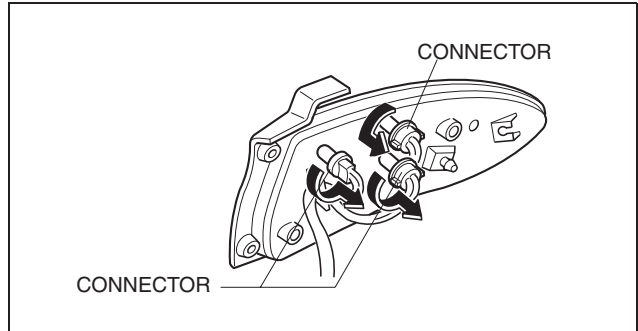
LIGHTING SYSTEMS

- Slide the rear combination light to the vehicle rear, avoiding the clip.



am2zzw0000336

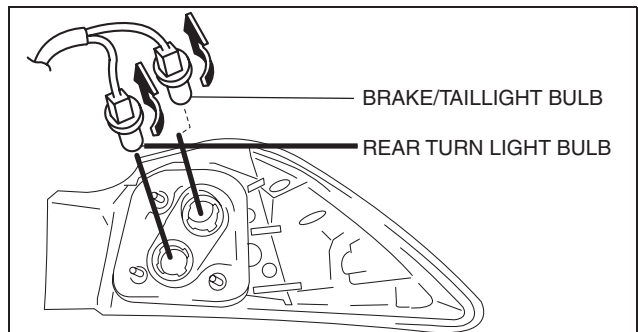
- Disconnect the connectors in the direction of the arrow shown in the figure and remove the rear combination light.
- Install in the reverse order of removal.



am2zzw0000219

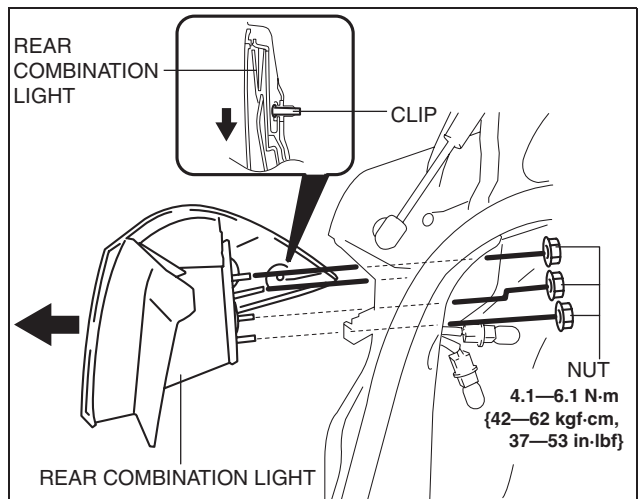
4SD

- Disconnect the negative battery cable.
- Remove the trunk end trim. (See 09-17-75 TRUNK END TRIM REMOVAL/INSTALLATION.)
- Remove the fasteners and slightly bend back the trunk side trim. (See 09-17-70 TRUNK SIDE TRIM REMOVAL/INSTALLATION.)
- Disconnect the connector in the direction of the arrow shown in the figure and remove the rear combination light.



am2zzw0000496

- Remove the nuts and slide the rear combination light to the vehicle rear, avoiding the clip.
- Install in the reverse order of removal.



am2zzw0000497

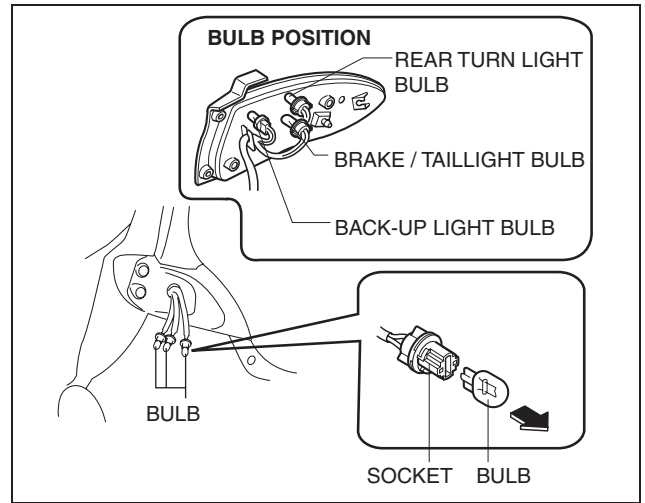
LIGHTING SYSTEMS

REAR COMBINATION LIGHT BULB REMOVAL/INSTALLATION

id091800805900

5HB/3HB

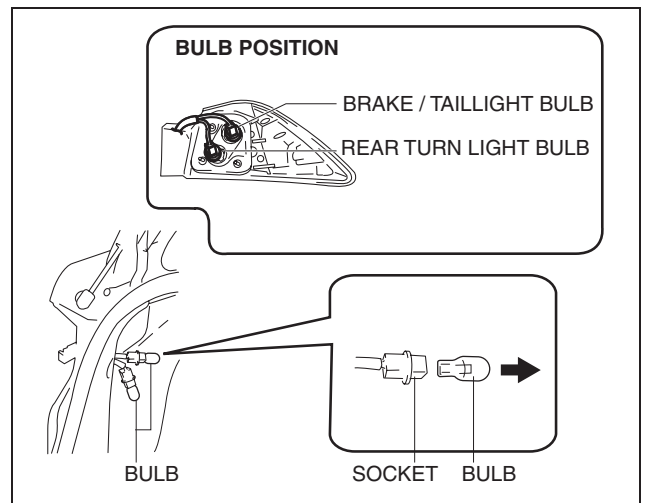
1. Disconnect the negative battery cable.
2. Remove the rear combination light. (See 09-18-23 REAR COMBINATION LIGHT REMOVAL/INSTALLATION.)
3. Remove the rear combination light bulbs.
4. Install in the reverse order of removal.



am2zzw0000497

4SD

1. Disconnect the negative battery cable.
2. Remove the service hole cover.
3. Remove the socket.
4. Remove the rear combination light bulbs.
5. Install in the reverse order of removal.



am2zzw0000497

INBOARD LIGHT REMOVAL/INSTALLATION [4SD]

id0918008061a5

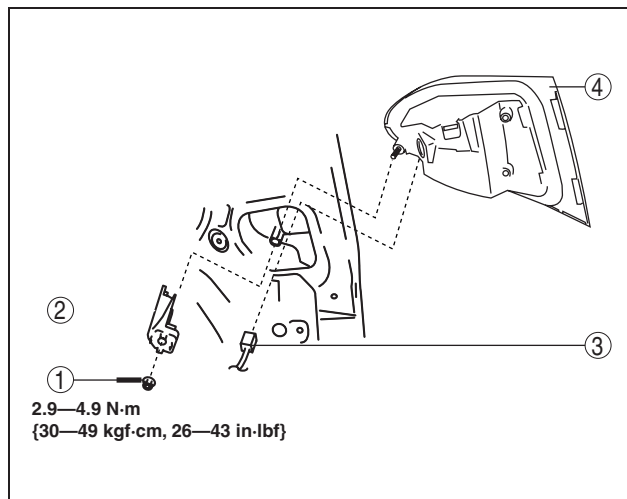
1. Disconnect the negative battery cable.
2. Remove the trunk lid trim. (See 09-17-77 TRUNK LID TRIM REMOVAL/INSTALLATION [4SD].)

LIGHTING SYSTEMS

3. Remove in the order indicated in the table.

1	Nut
2	Bracket
3	Connector
4	Inboard light (See 09-18-26 Inboard Light Installation Note.)

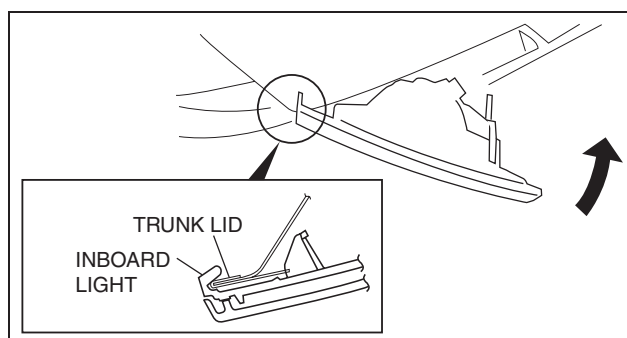
4. Install in the reverse order of removal.



am2zzw0000494

Inboard Light Installation Note

1. Insert the inboard light into the trunk lid as shown in the figure, then pivot it inward and fix in place.



am2zzw0000482

INBOARD LIGHT BULB REMOVAL/INSTALLATION [4SD]

id0918008060a5

1. Disconnect the negative battery cable.
2. Remove the trunk lid trim. (See 09-17-77 TRUNK LID TRIM REMOVAL/INSTALLATION [4SD].)
3. Remove in the order indicated in the table.

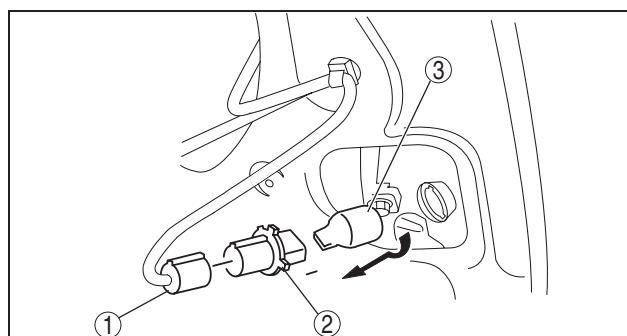
With rear fog light

1	Connector
2	Socket
3	Rear fog light bulb (driver-side) / back-up light bulb (passenger-side)

Without rear fog light

1	Connector
2	Socket
3	Back-up light bulb

4. Install in the reverse order of removal.



am2ccw0000021

REAR FOG LIGHT REMOVAL/INSTALLATION

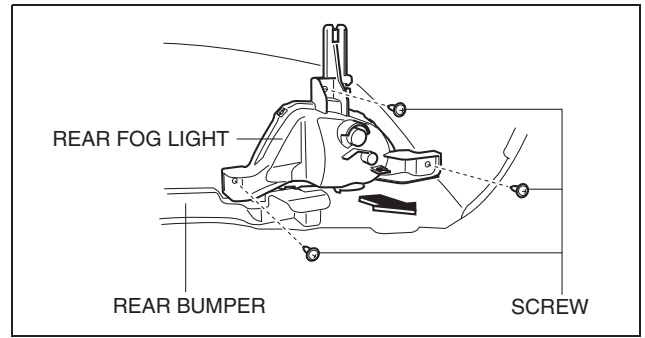
id091800805100

5HB/3HB

1. Disconnect the negative battery cable.
2. Remove the rear fog light bulb. (See 09-18-27 REAR FOG LIGHT BULB REMOVAL/INSTALLATION.)
3. Remove the rear bumper. (See 09-10-23 REAR BUMPER REMOVAL/INSTALLATION.)
4. Remove the screws.

LIGHTING SYSTEMS

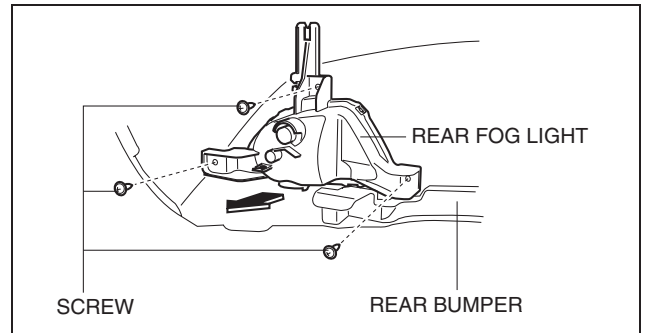
L.H.D.



am2zzw0000373

R.H.D.

5. Remove the rear fog light in the direction of the arrow shown in the figure.
6. Install in the reverse order of removal.



am2zzw0000373

4SD

Note

- Rear fog light is integrated with the inboard light (RH).

1. Refer to **09-18-25** INBOARD LIGHT REMOVAL/INSTALLATION [4SD].

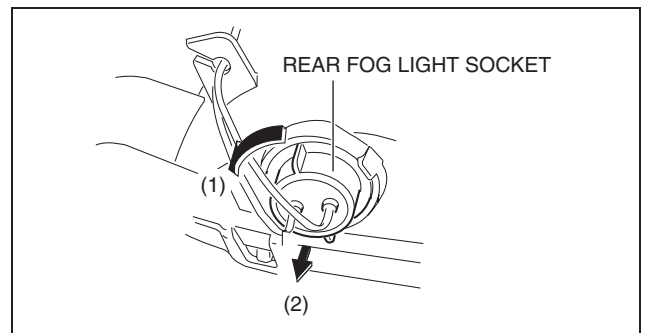
REAR FOG LIGHT BULB REMOVAL/INSTALLATION

id091800851300

5HB/3HB

1. Disconnect the negative battery cable.
2. Rotate the rear fog light socket in the direction of the arrow (1) shown in the figure, then remove the rear fog light socket and rear fog light bulb in the direction of the arrow (2).

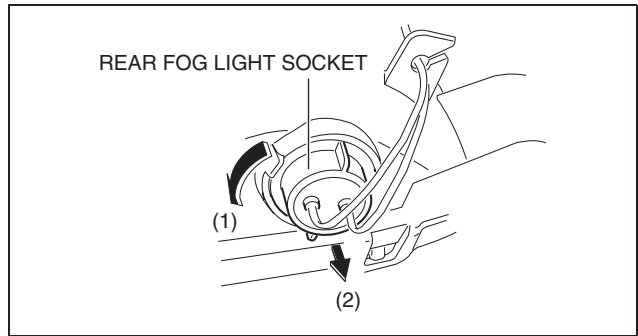
L.H.D.



am2zzw0000373

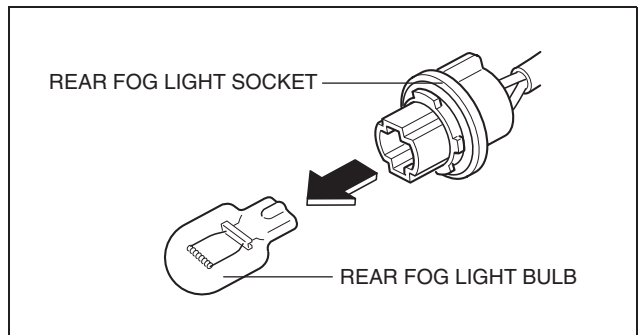
LIGHTING SYSTEMS

R.H.D.



am2zzw0000337

3. Remove the rear fog light bulb from the rear fog light socket in the direction of the arrow shown in the figure.
4. Install in the reverse order of removal.



am2zzw0000029

4SD

Note

- Rear fog light is integrated with the inboard light (RH).

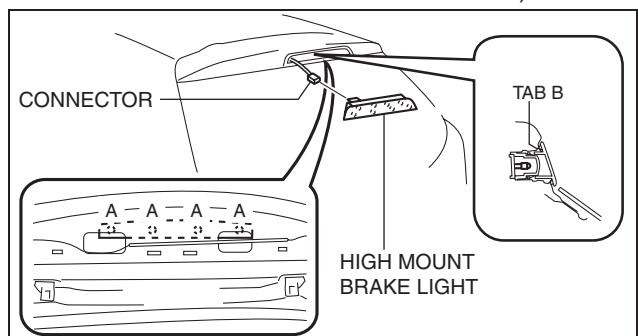
1. Refer to **09-18-26** INBOARD LIGHT BULB REMOVAL/INSTALLATION [4SD]

HIGH-MOUNT BRAKE LIGHT REMOVAL/INSTALLATION

id091800802000

5HB/3HB

1. Disconnect the negative battery cable.
2. Remove the liftgate upper trim. (See **09-17-78** LIFTGATE UPPER TRIM REMOVAL/INSTALLATION.)
3. Remove tabs A (4 locations).
4. Remove the high-mount brake light while removing tabs B (4 locations).
5. Disconnect the connector.
6. Install in the reverse order of removal.



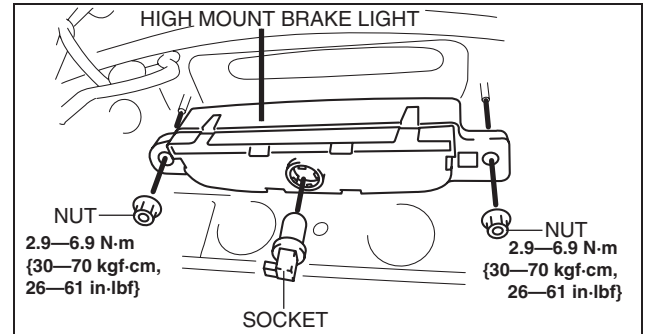
am2zzw0000228

4SD

1. Disconnect the negative battery cable.
2. Remove the trunk lid trim. (See **09-17-77** TRUNK LID TRIM REMOVAL/INSTALLATION [4SD].)

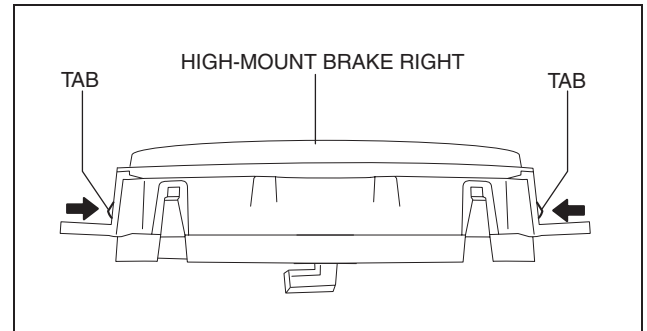
LIGHTING SYSTEMS

3. Disconnect the socket.
4. Remove the nuts.



am2zzw0000483

5. Disengage the tabs by pressing both ends of the lens in the directions indicated by the arrows and remove the high-mount brake light.
6. Install in the reverse order of removal.



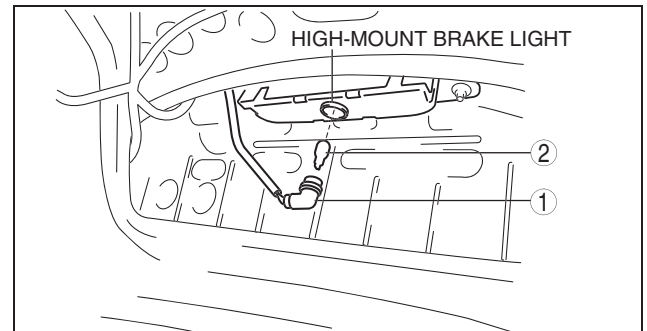
am2zzw0000491

HIGH-MOUNT BRAKE LIGHT BULB REMOVAL/INSTALLATION [4SD]

id0918008664a5

1. Disconnect the negative battery cable.
2. Remove the trunk lid trim. (See 09-17-77 TRUNK LID TRIM REMOVAL/INSTALLATION [4SD].)
3. Remove in the order indicated in the table.

1	Socket
2	Bulb

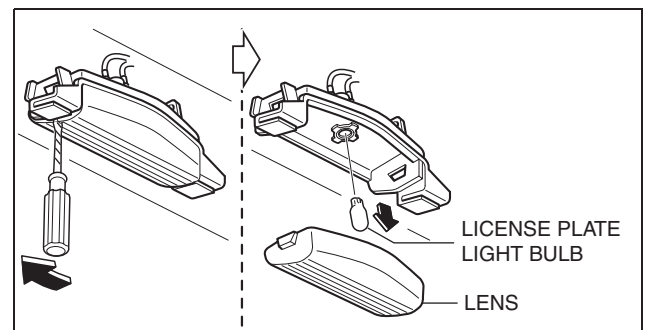


am2zzw0000491

LICENSE PLATE LIGHT BULB REMOVAL/INSTALLATION

id091800857800

1. Disconnect the negative battery cable.
2. Insert a tape-wrapped flathead screwdriver into the service hole, push it in the direction of the arrow, and remove the lens.
3. Remove the license plate light bulb from the socket.
4. Install in the reverse order of removal.



am2zzw0000250

LICENSE PLATE LIGHT REMOVAL/INSTALLATION

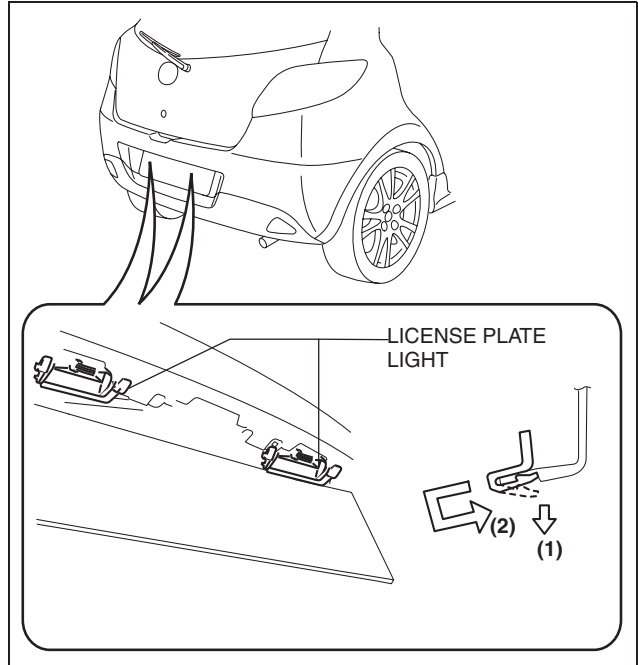
id091800801100

5HB/3HB

1. Disconnect the negative battery cable.
2. Remove the following parts:
 - (1) Front scuff plate (3HB) (See 09-17-57 FRONT SCUFF PLATE REMOVAL/INSTALLATION [3HB].)
 - (2) Rear scuff plate (5HB) (See 09-17-58 REAR SCUFF PLATE REMOVAL/INSTALLATION.)

LIGHTING SYSTEMS

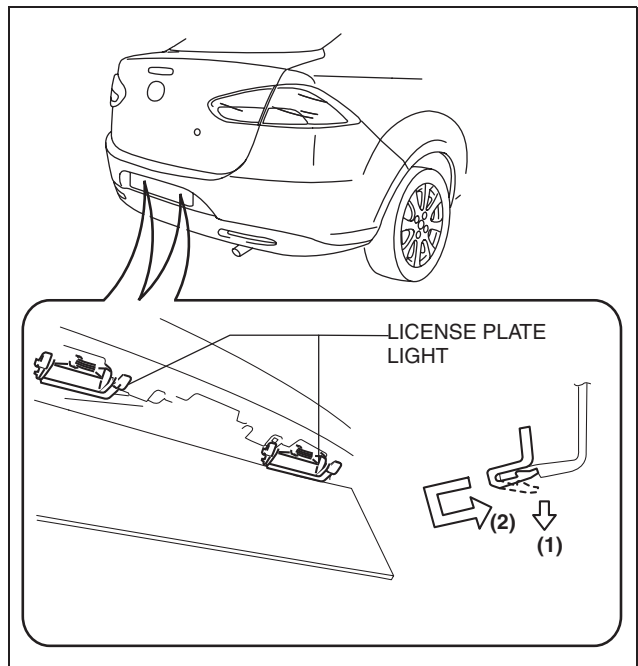
- (3) Rear seat back (See 09-13-26 REAR SEAT BACK REMOVAL/INSTALLATION [AutoAlliance (AAT) Thailand manufactured vehicles].) (See 09-13-27 REAR SEAT BACK REMOVAL/INSTALLATION [Except AutoAlliance (AAT) Thailand manufactured vehicles].)
 - (4) Rear seat cushion (See 09-13-31 REAR SEAT CUSHION REMOVAL/INSTALLATION.)
 - (5) Trunk end trim (See 09-17-75 TRUNK END TRIM REMOVAL/INSTALLATION.)
 - (6) Trunk side trim (LH) (See 09-17-70 TRUNK SIDE TRIM REMOVAL/INSTALLATION.) (See 09-17-73 TRUNK SIDE TRIM REMOVAL/INSTALLATION [3HB].)
3. Disconnect the connector.
 4. Pull the tabs shown in the figure in the direction of the arrow (1) and remove them in the direction of the arrow (2).
 5. Remove the license plate light.
 6. Install in the reverse order of removal.



am2zzw0000249

4SD

1. Disconnect the negative battery cable.
2. Disconnect the connector.
3. Pull the tabs shown in the figure in the direction of the arrow (1) and remove them in the direction of the arrow (2).
4. Remove the license plate light.
5. Install in the reverse order of removal.



am2ccw0000021

BACK-UP LIGHT SWITCH REMOVAL/INSTALLATION

F35M-R

1. Disconnect the negative battery cable.

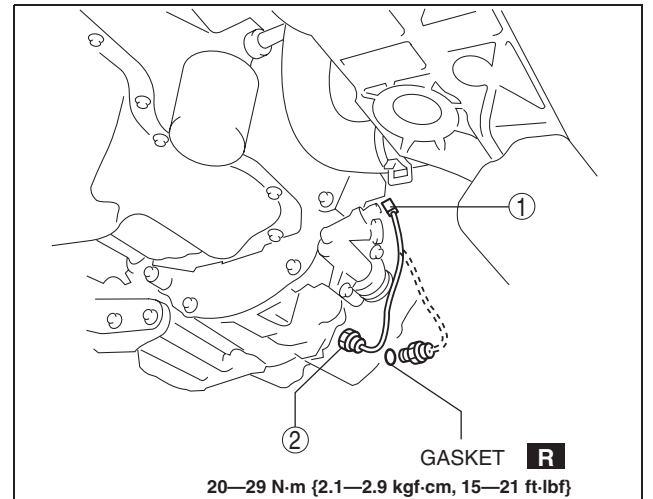
id091800800200

LIGHTING SYSTEMS

2. Drain the transaxle oil.
3. Remove in the order indicated in the table.

1	Connector
2	Back-up light switch

4. Install in the reverse order of removal.



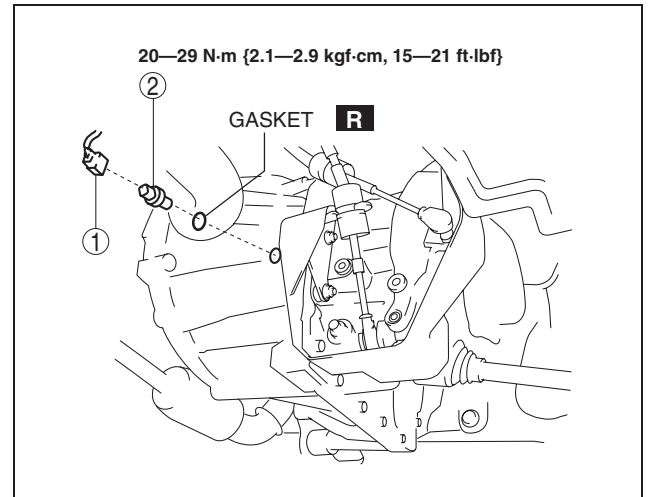
am2zzw0000337

B65M-R

1. Disconnect the negative battery cable.
2. Remove in the order indicated in the table.

1	Connector
2	Back-up light switch

3. Install in the reverse order of removal.

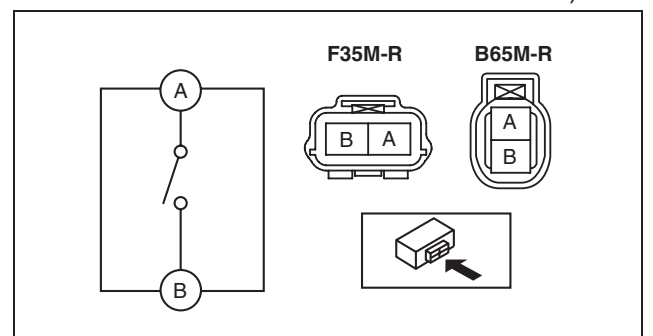


am2zzw0000337

BACK-UP LIGHT SWITCH INSPECTION

id091800800300

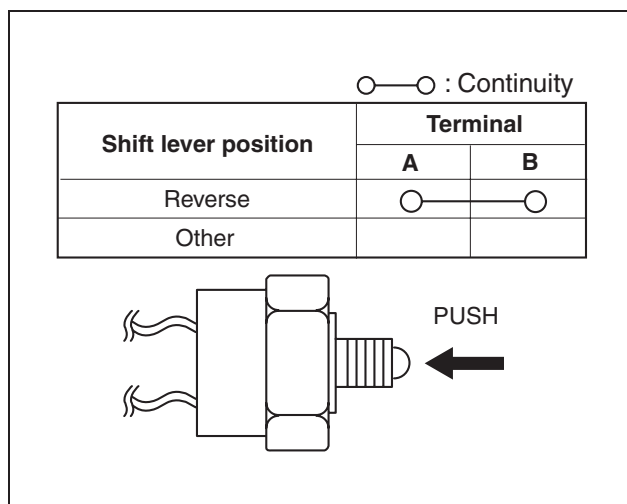
1. Disconnect the negative battery cable.
2. Drain the transmission oil (F35M-R).
3. Remove the back-up light switch. (See 09-18-30 BACK-UP LIGHT SWITCH REMOVAL/INSTALLATION.)
4. Verify that the continuity between the back-up light switch terminals is as indicated in the table using a circuit tester.



am2zzw0000496

LIGHTING SYSTEMS

- If not as indicated in the table, replace the back-up light switch.

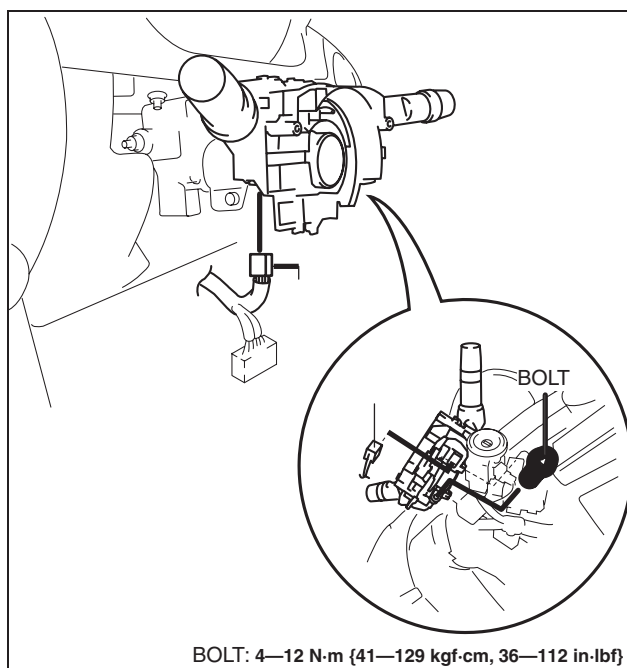


am2zzw0000240

COMBINATION SWITCH REMOVAL/INSTALLATION

R.H.D.

1. Disconnect the negative battery cable and wait **1 min or more**.
2. Remove the following parts:
 - (1) Driver-side air bag module.
 - (2) Steering wheel (See 06-13-10 STEERING WHEEL AND COLUMN REMOVAL/INSTALLATION [R.H.D.].)
 - (3) Column cover (See 09-17-25 COLUMN COVER REMOVAL/INSTALLATION.)
 - (4) Clock spring.
3. Disconnect the connector.
4. Remove the bolt.

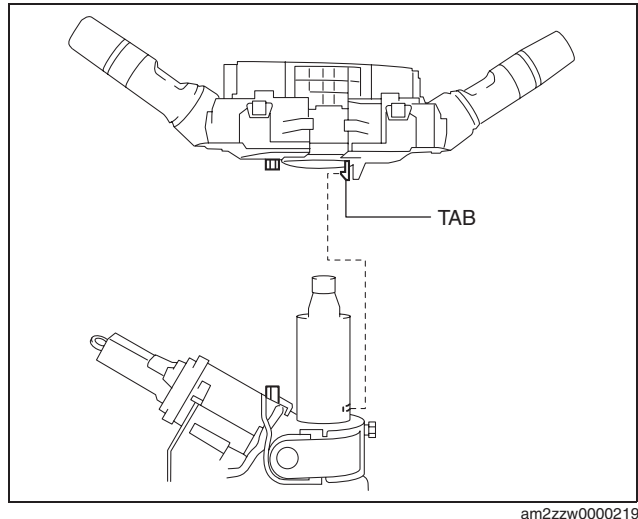


BOLT: 4—12 N·m {41—129 kgf·cm, 36—112 in·lbf}

am2zzw0000351

LIGHTING SYSTEMS

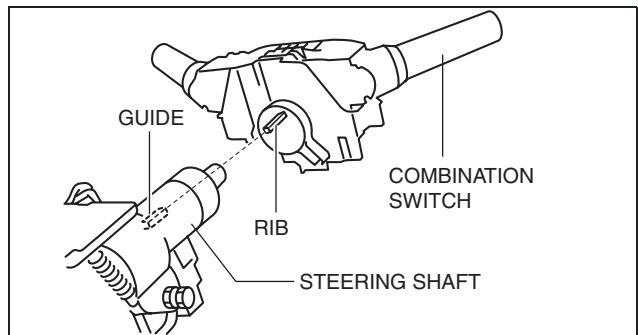
5. Detach the tab.
6. Remove the combination switch. (See 09-18-34 Combination Switch Installation Note.)
7. Install in the reverse order of removal.



am2zzw0000219

Combination Switch Installation Note

1. Align the combination switch rib with the steering shaft guide and press the combination switch until it contacts.

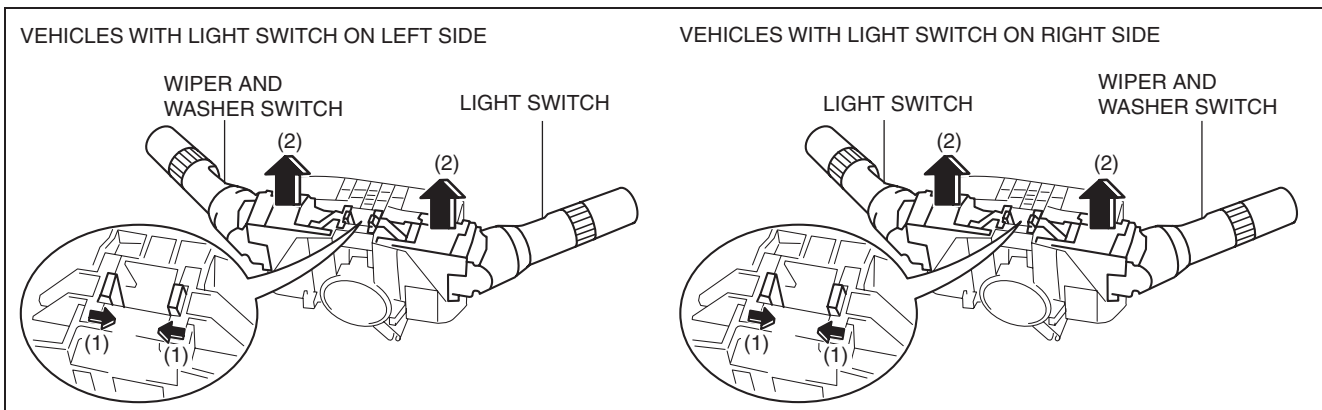


am2zzw0000219

COMBINATION SWITCH DISASSEMBLY/ASSEMBLY

id091800802600

1. Disconnect the negative battery cable and wait **1 min or more**.
2. Remove the following parts:
 - (1) Driver-side air bag module.
 - (2) Steering wheel (See 06-13-10 STEERING WHEEL AND COLUMN REMOVAL/INSTALLATION [R.H.D.].)
 - (3) Column cover (See 09-17-25 COLUMN COVER REMOVAL/INSTALLATION.)
 - (4) Clock spring
3. Remove the combination switch. (See 09-18-32 COMBINATION SWITCH REMOVAL/INSTALLATION.)
4. Press the tabs in the direction of the arrow (1) shown in the figure, then remove the light switch, and the wiper and washer switch.



am2zzw0000336

5. Assemble in the reverse order of disassembly.

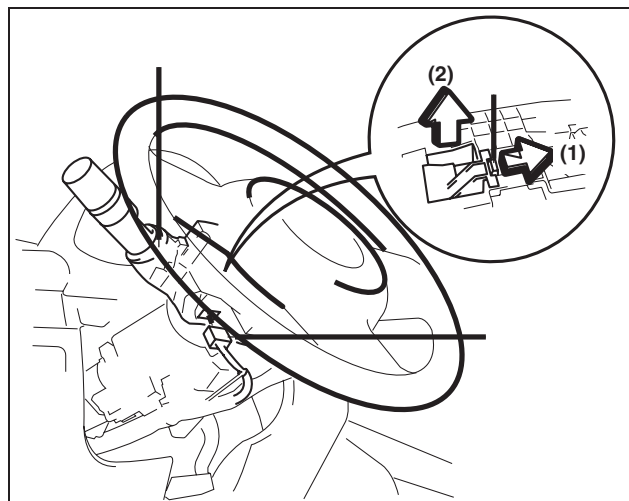
LIGHTING SYSTEMS

LIGHT SWITCH REMOVAL/INSTALLATION

id091800802800

1. Disconnect the negative battery cable.
2. Remove the column cover. (See 09-17-25 COLUMN COVER REMOVAL/INSTALLATION.)
3. Disconnect the connector.

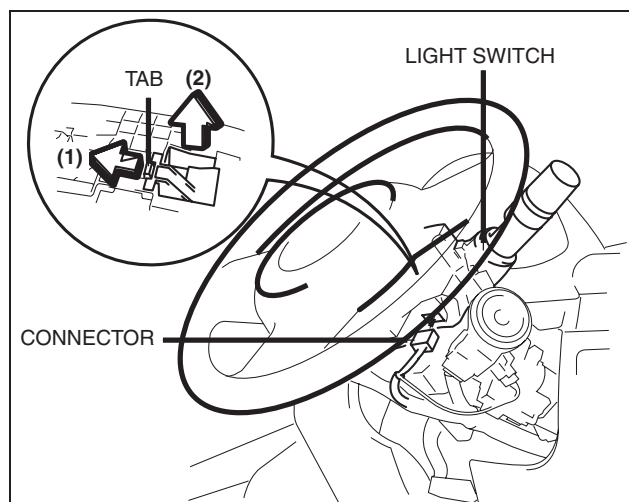
Vehicles with light switch on left side



am2zzw0000220

Vehicles with light switch on right side

4. Release the tab in the direction of the arrow (1) shown in the figure and remove the light switch in the direction of the arrow (2).
5. Install in the reverse order of removal.



am2zzw0000220

LIGHT SWITCH INSPECTION

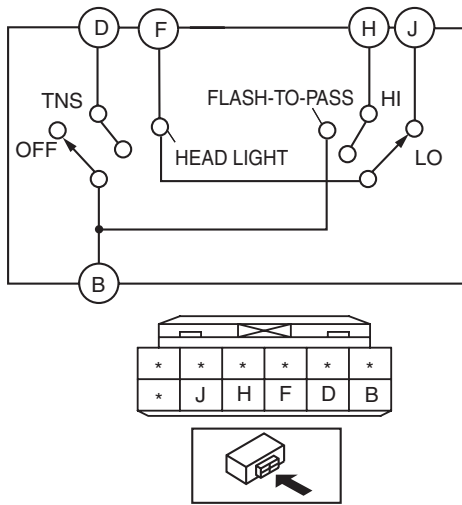
id091800802900

1. Disconnect the negative battery cable.
2. Remove the column cover. (See 09-17-25 COLUMN COVER REMOVAL/INSTALLATION.)
3. Remove the light switch. (See 09-18-35 LIGHT SWITCH REMOVAL/INSTALLATION.)
4. Verify that the continuity between the light switch terminals is as indicated in the table.
 - If not as indicated in the table, replace the light switch.

LIGHTING SYSTEMS

Vehicles Without Auto Light System Headlight switch

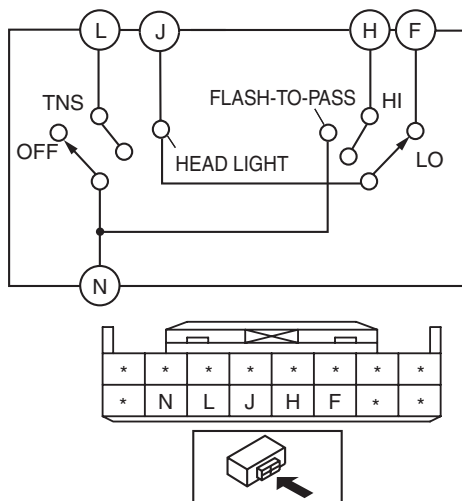
VEHICLES WITH LIGHT SWITCH ON LEFT SIDE



○—○ : Continuity

Switch position			Terminal				
Light	Dimmer	Flash-to-pass	B	D	F	H	J
OFF	-	OFF					
		ON	○—○		○—○		
TNS	-	OFF	○—○		○—○		○—○
		ON	○—○	○—○	○—○		
Head-light	LO	OFF	○—○	○—○	○—○		○—○
	LO	ON	○—○	○—○	○—○		○—○
	HI	-	○—○	○—○	○—○		

VEHICLES WITH LIGHT SWITCH ON RIGHT SIDE



○—○ : Continuity

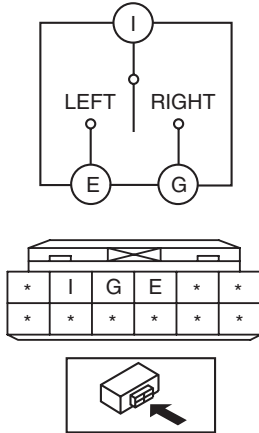
Switch position			Terminal				
Light	Dimmer	Flash-to-pass	F	H	J	L	N
OFF	-	OFF					
		ON		○—○	○—○		○—○
TNS	-	OFF	○—○		○—○		○—○
		ON		○—○	○—○	○—○	
Head-light	LO	OFF	○—○		○—○	○—○	
	LO	ON		○—○	○—○	○—○	
	HI	-		○—○	○—○	○—○	

am2zzw0000483

LIGHTING SYSTEMS

Turn switch

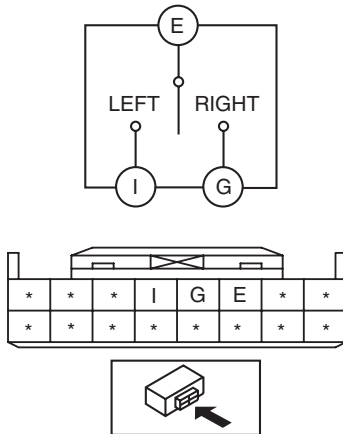
VEHICLES WITH LIGHT SWITCH ON LEFT SIDE



○—○ : Continuity

Switch position	Terminal		
	E	G	I
Left	○—○		○—○
OFF			
Right		○—○	○—○

VEHICLES WITH LIGHT SWITCH ON RIGHT SIDE

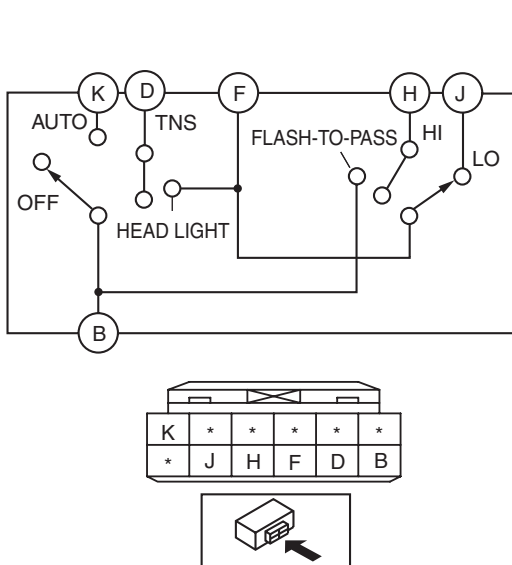


○—○ : Continuity

Switch position	Terminal		
	G	I	E
Left		○—○	○—○
OFF			
Right	○—○		○—○

am2zzw0000515

Vehicles With Auto Light System Headlight switch



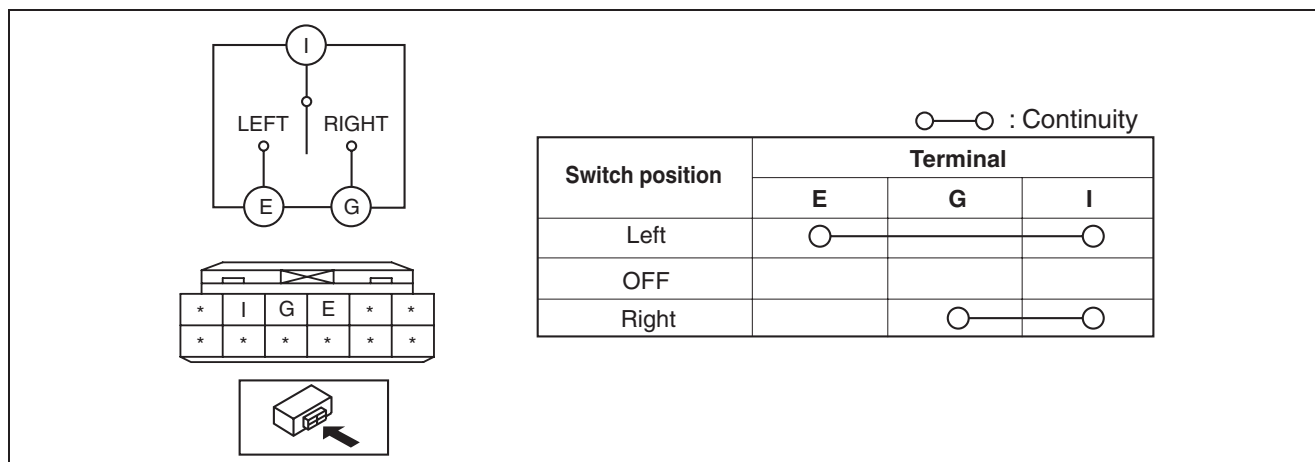
○—○ : Continuity

Switch position			Terminal					
Light	Dimmer	Flash-to-pass	B	D	F	H	J	K
OFF	-	OFF						
		ON	○—○		○—○			
TNS	-	OFF	○—○					
		ON	○—○	○—○	○—○			
Head-light	LO	OFF	○—○	○—○	○—○		○—○	
		ON	○—○	○—○	○—○			
	HI	-	○—○	○—○	○—○			
Auto	LO	OFF	○—○					○—○
		ON	○—○		○—○			○—○
	HI	-	○—○		○—○			○—○

am2zzw0000380

LIGHTING SYSTEMS

Turn switch



am2zzw0000380

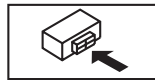
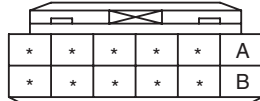
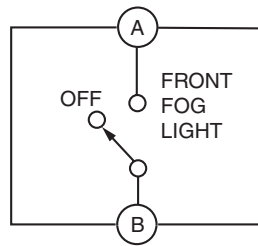
FRONT FOG LIGHT SWITCH INSPECTION

id091800803200

1. Disconnect the negative battery cable.
2. Remove the column cover. (See 09-17-25 COLUMN COVER REMOVAL/INSTALLATION.)
3. Remove the light switch. (See 09-18-35 LIGHT SWITCH REMOVAL/INSTALLATION.)
4. Verify that the continuity between the front fog light switch terminals is as indicated in the table using a circuit tester.
 - If not as indicated in the table, replace the light switch.

LIGHTING SYSTEMS

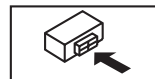
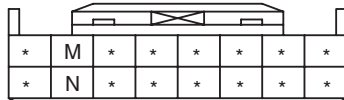
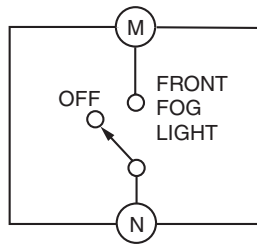
VEHICLES WITH LIGHT SWITCH ON LEFT SIDE



○—○ : Continuity

Switch position	Terminal	
	A	B
OFF		
FRONT FOG LIGHT	○—○	

VEHICLES WITH LIGHT SWITCH ON RIGHT SIDE



○—○ : Continuity

Switch position	Terminal	
	M	N
OFF		
FRONT FOG LIGHT	○—○	

am2zzw0000515

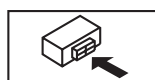
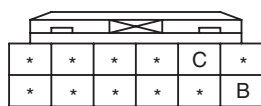
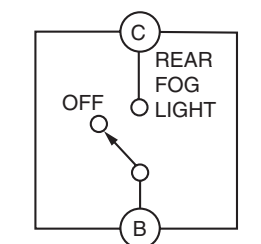
REAR FOG LIGHT SWITCH INSPECTION

id091800475500

1. Disconnect the negative battery cable.
2. Remove the column cover. (See 09-17-25 COLUMN COVER REMOVAL/INSTALLATION.)
3. Remove the light switch. (See 09-18-35 LIGHT SWITCH REMOVAL/INSTALLATION.)
4. Verify that the continuity between the front fog light switch terminals is as indicated in the table using a tester.
 - If not as indicated in the table, replace the light switch.

LIGHTING SYSTEMS

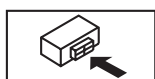
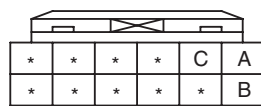
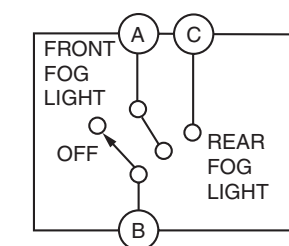
WITHOUT FRONT FOG LIGHT



○—○ : Continuity

Switch position	Terminal	
	B	C
OFF		
REAR FOG LIGHT	○—○	

WITH FRONT FOG LIGHT



○—○ : Continuity

Switch position	Terminal		
	A	B	C
OFF			
FRONT FOG LIGHT	○—○		
REAR FOG LIGHT	○—○	○—○	○—○

am2zzw0000515

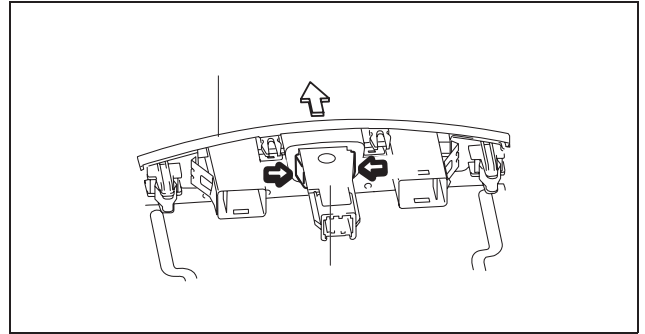
HAZARD WARNING SWITCH REMOVAL/INSTALLATION

id091800803000

1. Disconnect the negative battery cable.
2. Remove the following parts:
 - (1) Shift lever knob (MTX) (See 05-16A-1 MANUAL TRANSAXLE SHIFT MECHANISM REMOVAL/INSTALLATION [F35M-R].) (See 05-16B-2 MANUAL TRANSAXLE SHIFT MECHANISM REMOVAL/INSTALLATION [B65M-R].)
 - (2) Side wall (See 09-17-33 SIDE WALL REMOVAL/INSTALLATION.)
 - (3) Front console component (See 09-17-36 FRONT CONSOLE COMPONENT REMOVAL/INSTALLATION.)
 - (4) Glove compartment (Vehicles with center panel unit) (See 09-17-26 GLOVE COMPARTMENT REMOVAL/INSTALLATION.)
 - (5) Center panel unit (Vehicles with center panel unit) (See 09-20-3 CENTER PANEL UNIT REMOVAL/INSTALLATION.)
 - (6) Center panel (Vehicles without center panel unit) (See 09-17-35 CENTER PANEL REMOVAL/INSTALLATION.)

LIGHTING SYSTEMS

3. Remove the hazard warning switch in the direction of the arrow (2) shown in the figure while pressing the hazard warning switch tabs in the direction of the arrow (1).
4. Install in the reverse order of removal.

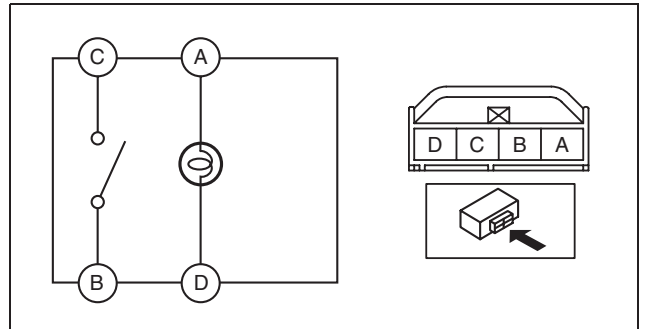


am2zzw0000249

HAZARD WARNING SWITCH INSPECTION

id091800803100

1. Disconnect the negative battery cable.
2. Remove the following parts:
 - (1) Shift lever knob (MTX) (See 05-16A-1 MANUAL TRANSAXLE SHIFT MECHANISM REMOVAL/INSTALLATION [F35M-R].) (See 05-16B-2 MANUAL TRANSAXLE SHIFT MECHANISM REMOVAL/INSTALLATION [B65M-R].)
 - (2) Side wall (See 09-17-33 SIDE WALL REMOVAL/INSTALLATION.)
 - (3) Front console component (See 09-17-36 FRONT CONSOLE COMPONENT REMOVAL/INSTALLATION.)
 - (4) Glove compartment (Vehicles with center panel unit) (See 09-17-26 GLOVE COMPARTMENT REMOVAL/INSTALLATION.)
 - (5) Center panel unit (Vehicles with center panel unit) (See 09-20-3 CENTER PANEL UNIT REMOVAL/INSTALLATION.)
 - (6) Center panel (Vehicles without center panel unit) (See 09-17-35 CENTER PANEL REMOVAL/INSTALLATION.)
 - (7) Hazard warning switch (See 09-18-40 HAZARD WARNING SWITCH REMOVAL/INSTALLATION.)
3. Verify that the continuity between the hazard warning switch terminals is as indicated in the table.
 - If not as indicated in the table, replace the hazard warning switch.



am2zzw0000482

Switch position	Terminal			
	A	D	C	B
ON	○—○	○—○	○—○	○—○
OFF	○—○	○—○		

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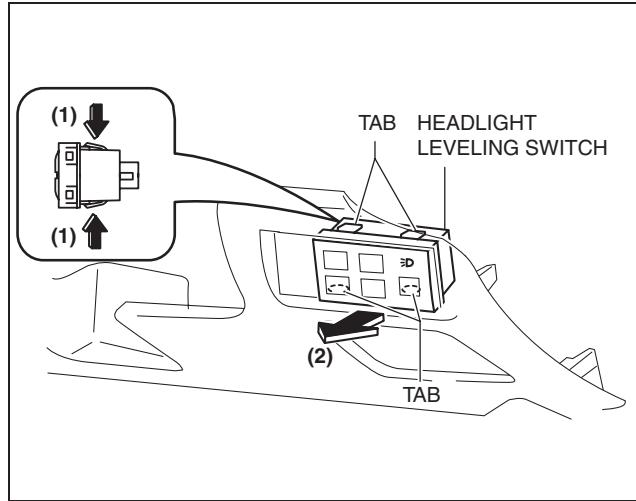
HEADLIGHT LEVELING SWITCH REMOVAL/INSTALLATION

id091800803600

1. Disconnect the negative battery cable.
2. Remove the following parts:
 - (1) Front scuff plate (driver-side) (See 09-17-56 FRONT SCUFF PLATE REMOVAL/INSTALLATION.)
 - (2) Front side trim (driver-side) (See 09-17-53 FRONT SIDE TRIM REMOVAL/INSTALLATION.)
 - (3) Shift lever knob (MTX) (See 05-16A-1 MANUAL TRANSAXLE SHIFT MECHANISM REMOVAL/INSTALLATION [F35M-R].) (See 05-16B-2 MANUAL TRANSAXLE SHIFT MECHANISM REMOVAL/INSTALLATION [B65M-R].)
 - (4) Side wall (See 09-17-33 SIDE WALL REMOVAL/INSTALLATION.)
 - (5) Front console component (See 09-17-36 FRONT CONSOLE COMPONENT REMOVAL/INSTALLATION.)

LIGHTING SYSTEMS

- (6) Bonnet release lever (See 09-14-28 BONNET LATCH AND RELEASE LEVER REMOVAL/INSTALLATION.)
- (7) Lower panel (driver-side) (See 09-17-29 LOWER PANEL REMOVAL/INSTALLATION.)
3. Press the tabs in the direction of the arrow (1) shown in the figure and remove the auto leveling switch in the direction of the arrow (2).
4. Install in the reverse order of removal.

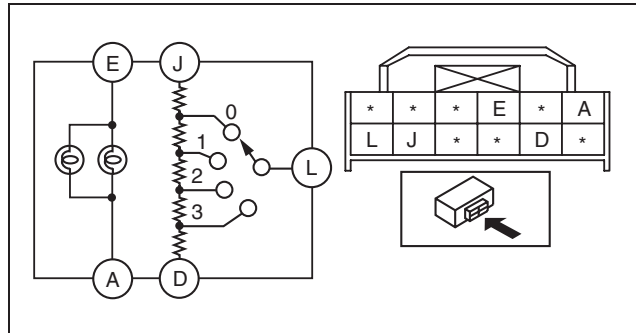


am2zzw0000254

HEADLIGHT LEVELING SWITCH INSPECTION

id091800803700

1. Disconnect the negative battery cable.
2. Remove the following parts:
 - (1) Front scuff plate (driver-side) (See 09-17-56 FRONT SCUFF PLATE REMOVAL/INSTALLATION.)
 - (2) Front side trim (driver-side) (See 09-17-53 FRONT SIDE TRIM REMOVAL/INSTALLATION.)
 - (3) Shift lever knob (MTX) (See 05-16A-1 MANUAL TRANSAXLE SHIFT MECHANISM REMOVAL/INSTALLATION [F35M-R].) (See 05-16B-2 MANUAL TRANSAXLE SHIFT MECHANISM REMOVAL/INSTALLATION [B65M-R].)
 - (4) Side wall (See 09-17-33 SIDE WALL REMOVAL/INSTALLATION.)
 - (5) Front console component (See 09-17-36 FRONT CONSOLE COMPONENT REMOVAL/INSTALLATION.)
 - (6) Bonnet release lever (See 09-14-28 BONNET LATCH AND RELEASE LEVER REMOVAL/INSTALLATION.)
 - (7) Lower panel (driver-side) (See 09-17-29 LOWER PANEL REMOVAL/INSTALLATION.)
 - (8) Headlight leveling switch (See 09-18-41 HEADLIGHT LEVELING SWITCH REMOVAL/INSTALLATION.)
3. Verify that the resistance and continuity between the headlight leveling switch terminals is as indicated in the table using a tester.
 - If not as indicated in the table, or if the resistance is not within the specification, replace the headlight leveling switch.



am2zzw0000348

LIGHTING SYSTEMS

$\text{---}\text{---}\text{---}$: Resistance $\text{---}\text{---}\text{---}$: Bulb

Switch position	Terminal				
	H	J	D	A	E
0	$\text{---}\text{---}\text{---}$ R_1 R_2			$\text{---}\text{---}\text{---}$	
1	$\text{---}\text{---}\text{---}$ R_3 R_4			$\text{---}\text{---}\text{---}$	
2	$\text{---}\text{---}\text{---}$ R_5 R_6			$\text{---}\text{---}\text{---}$	
3	$\text{---}\text{---}\text{---}$ R_7 R_8			$\text{---}\text{---}\text{---}$	

R_1 : 910 Ω R_2 : 3785 Ω R_3 : 1716 Ω R_4 : 2979 Ω
 R_5 : 2276 Ω R_6 : 2419 Ω R_7 : 2895 Ω R_8 : 1800 Ω

am2zzw0000228

AUTO LIGHT ILLUMINATION LEVEL SETTING

id091800803300

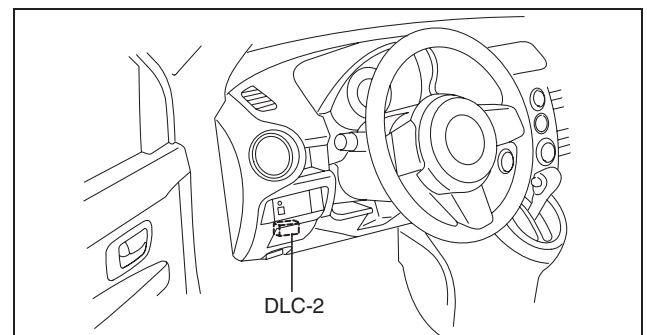
Note

- Use the IDS (laptop PC) because the PDS (Pocket PC) does not support the AUTO LIGHT ILLUMINATION LEVEL SETTING.

- Connect the M-MDS to the DLC-2.
- After the vehicle is identified, select the following items from the initialization screen of the M-MDS.
 - When using the IDS (laptop PC)
 - Select "Module Programming".
- Then, select items from the screen menu in the following order.
 - Select "Programmable Parameters".
 - Select "Exterior Lighting".
- Select the item name, and then select option.

Items

- Autolamp On Setting (Standard (Other) / Low (Other))



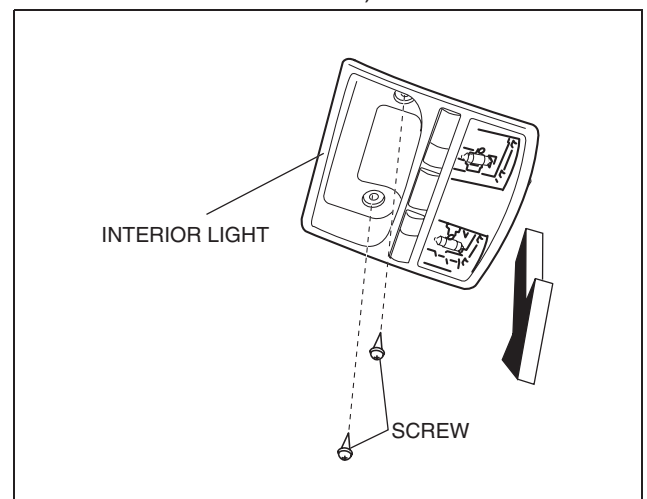
am2zzw0000251

INTERIOR LIGHT REMOVAL/INSTALLATION

id091800801500

Vehicles With Intruder Sensor

- Disconnect the negative battery cable.
- Remove the intruder sensor. (See 09-14-135 INTRUDER SENSOR REMOVAL/INSTALLATION.)
- Remove the lens. (See 09-18-44 INTERIOR LIGHT BULB REMOVAL/INSTALLATION.)
- Remove the screw.
- Remove the interior light.
- Disconnect the interior light connector.
- Install in the reverse order of removal.

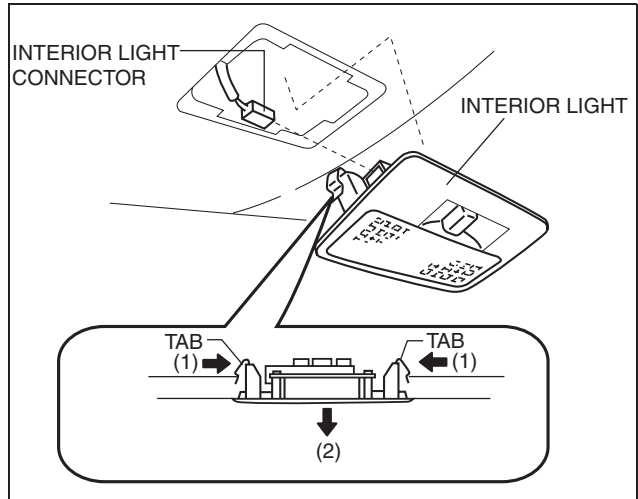


am2zzw0000224

LIGHTING SYSTEMS

Vehicles Without Intruder Sensor

1. Disconnect the negative battery cable.
2. Remove the following parts:
 - (1) A-pillar trim (See 09-17-42 A-PILLAR TRIM REMOVAL/INSTALLATION.)
 - (2) Sunvisor (See 09-17-80 SUNVISOR REMOVAL/INSTALLATION.)
 - (3) Assist handle (See 09-17-80 ASSIST HANDLE REMOVAL/INSTALLATION.)
 - (4) Rain sensor cover (vehicles with rain sensor) (See 09-19-28 RAIN SENSOR REMOVAL/INSTALLATION.)
3. Set the headliner out of the way.
4. Release the tabs in the direction of the arrow (1) shown in the figure and remove the interior light in the direction of the arrow (2).
5. Disconnect the interior light connector.
6. Install in the reverse order of removal.



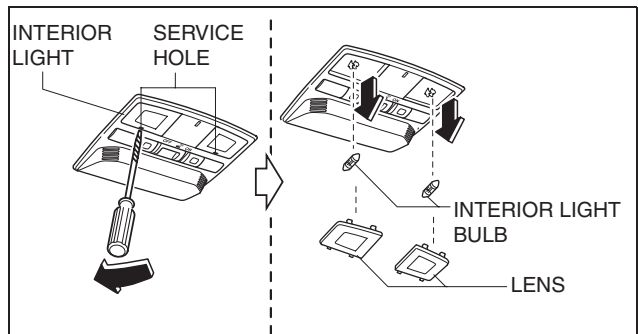
am2zzw0000213

INTERIOR LIGHT BULB REMOVAL/INSTALLATION

id091800801400

Vehicles With Intruder Sensor

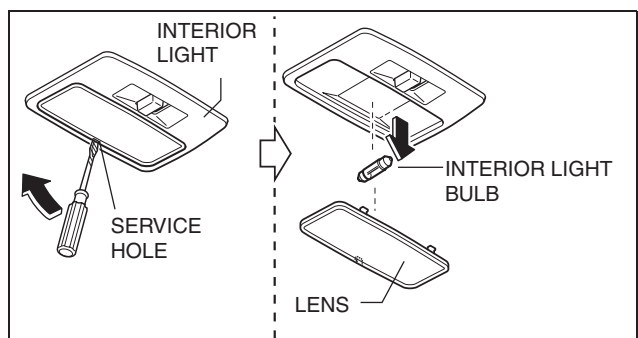
1. Disconnect the negative battery cable.
2. Insert a tape-wrapped flathead screwdriver into the service hole, push it in the direction indicated by the arrow, and remove the lens.
3. Remove the interior light bulbs.
4. Install in the reverse order of removal.



am2zzw0000225

Vehicles Without Intruder Sensor

1. Disconnect the negative battery cable.
2. Insert a tape-wrapped flathead screwdriver into the service hole, push it in the direction indicated by the arrow, and remove the lens.
3. Remove the interior light bulb.
4. Install in the reverse order of removal.



am2zzw0000250

INTERIOR LIGHT INSPECTION

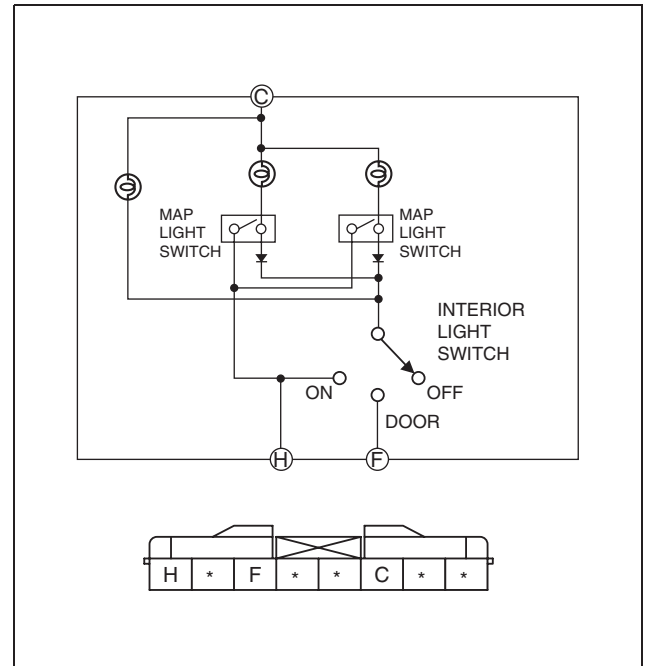
id091800801600

Vehicles With Intruder Sensor

1. Disconnect the negative battery cable.
2. Remove the intruder sensor. (See 09-14-135 INTRUDER SENSOR REMOVAL/INSTALLATION.)
3. Remove the lens. (See 09-18-44 INTERIOR LIGHT BULB REMOVAL/INSTALLATION.)

LIGHTING SYSTEMS

4. Remove the interior light. (See 09-18-43 INTERIOR LIGHT REMOVAL/INSTALLATION.)
5. Verify that the continuity between the interior light terminals is as indicated in the table.



am2zzw0000496

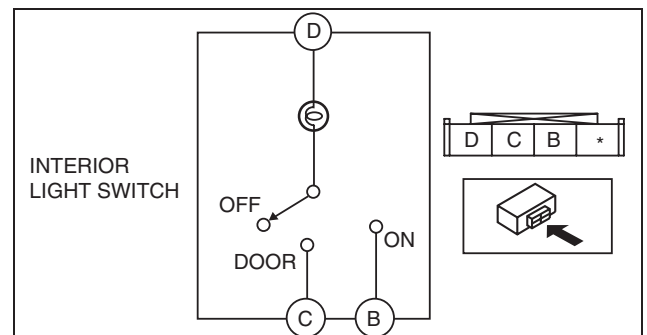
- If not as indicated in the table, replace the interior light.

Switch Position		Terminal		
		H	F	C
Map Light Switch	OFF			
	ON	○	○	○
Interior Light Switch	OFF			
	DOOR		○	○
	ON	○	○	○

am2zzw0000496

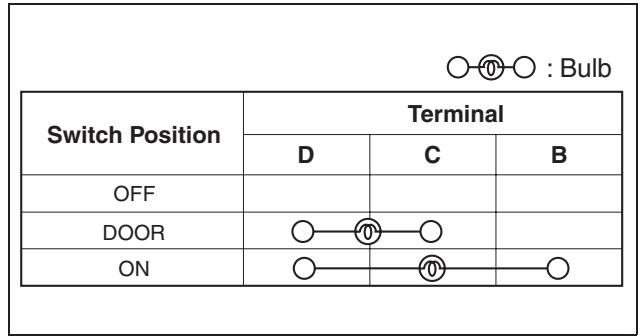
Vehicles Without Intruder Sensor

1. Remove the following parts:
 - (1) A-pillar trim (See 09-17-42 A-PILLAR TRIM REMOVAL/INSTALLATION.)
 - (2) Sunvisor (See 09-17-80 SUNVISOR REMOVAL/INSTALLATION.)
 - (3) Assist handle (See 09-17-80 ASSIST HANDLE REMOVAL/INSTALLATION.)
 - (4) Rain sensor cover (vehicles with rain sensor) (See 09-19-28 RAIN SENSOR REMOVAL/INSTALLATION.)
2. Remove the interior light. (See 09-18-43 INTERIOR LIGHT REMOVAL/INSTALLATION.)
3. Set the headliner out of the way.
4. Verify that the continuity between the interior light terminals is as indicated in the table.
 - If not as indicated in the table, replace the interior light.



am2zzw0000496

LIGHTING SYSTEMS

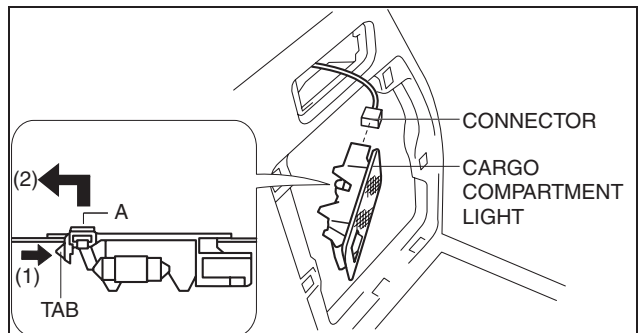


am2zzw0000496

CARGO COMPARTMENT LIGHT REMOVAL/INSTALLATION

id091800801700

1. Disconnect the negative battery cable.
2. Insert hand through the service hole, release the tab in the direction of the arrow (1) shown in the figure, and pull area A in the direction of the arrow (2) to remove the cargo compartment light.
3. Disconnect the cargo compartment light connector.
4. Install in the reverse order of removal.

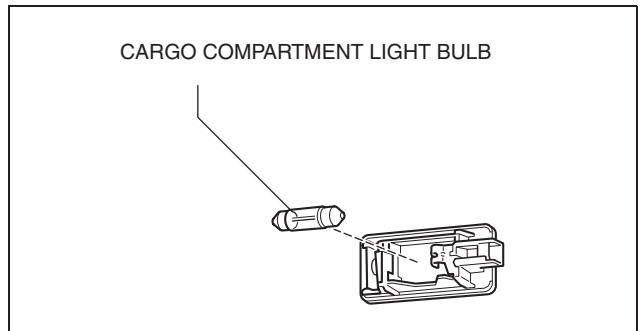


am2zzw0000227

CARGO COMPARTMENT LIGHT BULB REMOVAL/INSTALLATION

id091800807800

1. Disconnect the negative battery cable.
2. Remove the cargo compartment light. (See 09-18-46 CARGO COMPARTMENT LIGHT REMOVAL/INSTALLATION.)
3. Remove the cargo compartment light bulb.
4. Install in the reverse order of removal.



am2zzw0000227

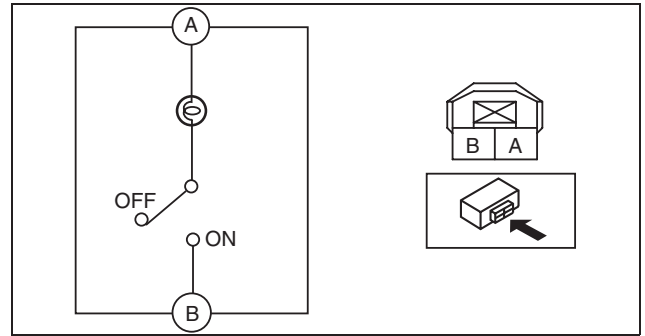
CARGO COMPARTMENT LIGHT INSPECTION

id091800801800

1. Disconnect the negative battery cable.
2. Remove the cargo compartment light. (See 09-18-46 CARGO COMPARTMENT LIGHT REMOVAL/INSTALLATION.)

LIGHTING SYSTEMS

3. Verify that the continuity between the cargo compartment light terminals is as indicated in the table.
 - If not as indicated in the table, replace the cargo compartment light.



am2zzw0000482

○—○—○ : Bulb

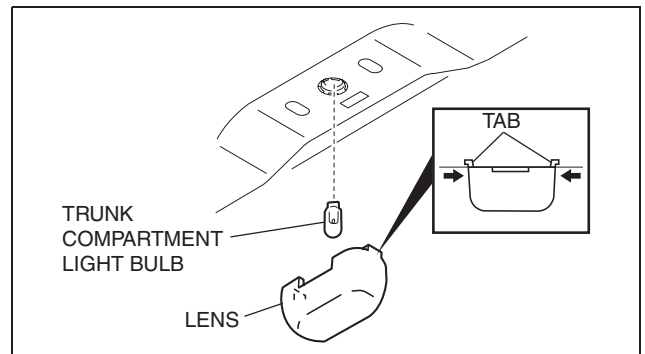
Switch position	Terminal	
	A	B
ON	○—○—○	○—○—○
OFF	○—○—○	○—○—○

am2zzw0000482

TRUNK COMPARTMENT LIGHT REMOVAL/INSTALLATION [4SD]

id0918008507a5

1. Disconnect the negative battery cable.
2. Disengage the tabs by pressing both ends of the lens in the directions indicated by the arrows and remove the lens.
3. Install in the reverse order of removal.



am2zzw0000483

WIPER/WASHER SYSTEM

09-19 WIPER/WASHER SYSTEM

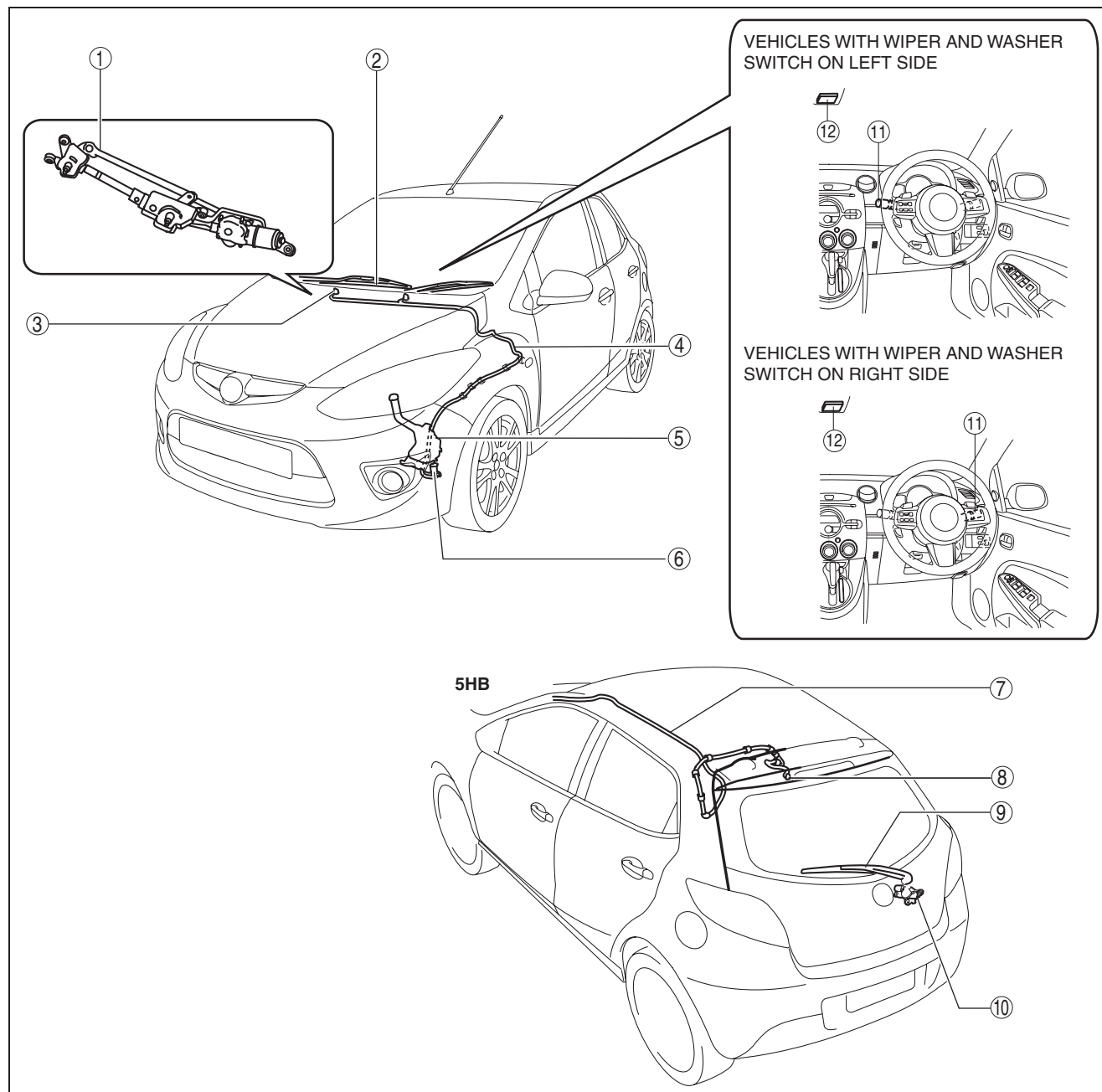
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WIPER/WASHER SYSTEM

WIPER/WASHER SYSTEM LOCATION INDEX

R.H.D.

id091900910000



am2zzw0000495

1	Windshield wiper motor (See 09-19-9 WINDSHIELD WIPER MOTOR REMOVAL/INSTALLATION.) (See 09-19-11 WINDSHIELD WIPER MOTOR DISASSEMBLY/ASSEMBLY.) (See 09-19-12 WINDSHIELD WIPER MOTOR INSPECTION.)
2	Windshield wiper arm and blade (See 09-19-7 WINDSHIELD WIPER ARM AND BLADE REMOVAL/INSTALLATION.) (See 09-19-8 WINDSHIELD WIPER ARM AND BLADE ADJUSTMENT.)
3	Windshield washer nozzle (See 09-19-15 WINDSHIELD WASHER NOZZLE REMOVAL/INSTALLATION.) (See 09-19-16 WINDSHIELD WASHER NOZZLE ADJUSTMENT.)

4	Windshield washer hose (See 09-19-16 WINDSHIELD WASHER HOSE REMOVAL/INSTALLATION.)
5	Washer tank (See 09-19-13 WASHER TANK REMOVAL/INSTALLATION.)
6	Washer motor (See 09-19-9 WINDSHIELD WIPER MOTOR REMOVAL/INSTALLATION.) (See 09-19-11 WINDSHIELD WIPER MOTOR DISASSEMBLY/ASSEMBLY.)
7	Rear washer hose (See 09-19-20 REAR WASHER HOSE REMOVAL/INSTALLATION.)

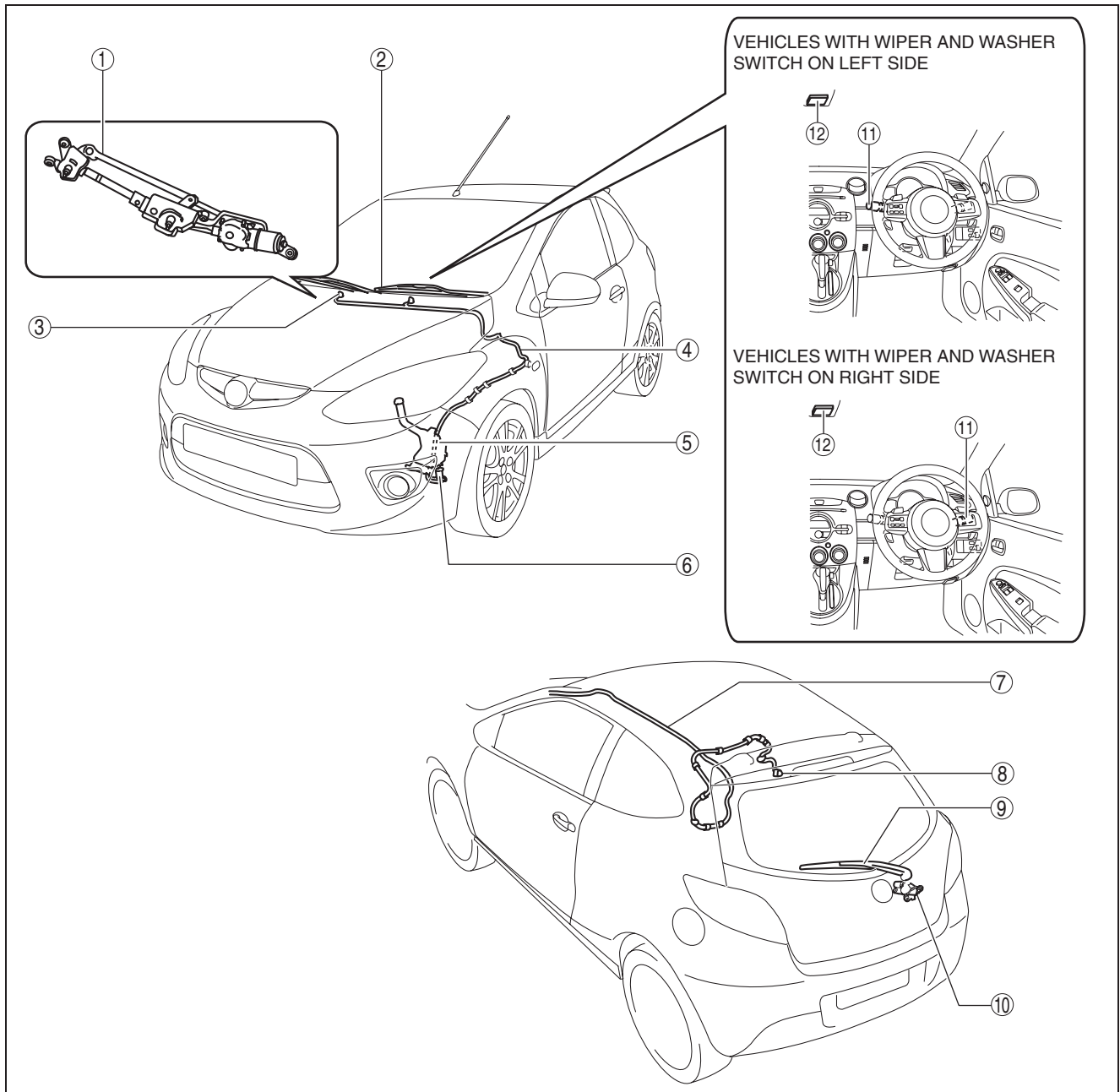
WIPER/WASHER SYSTEM

8	Rear washer nozzle (See 09-19-20 REAR WASHER NOZZLE REMOVAL/INSTALLATION.) (See 09-19-20 REAR WASHER NOZZLE ADJUSTMENT.)
9	Rear wiper arm and blade (See 09-19-17 REAR WIPER ARM AND BLADE REMOVAL/INSTALLATION.) (See 09-19-18 REAR WIPER ARM AND BLADE ADJUSTMENT.)
10	Rear wiper motor (See 09-19-18 REAR WIPER MOTOR REMOVAL/INSTALLATION.) (See 09-19-19 REAR WIPER MOTOR INSPECTION.)
11	Wiper and washer switch (See 09-19-24 WIPER AND WASHER SWITCH REMOVAL/INSTALLATION.) (See 09-19-25 WINDSHIELD WIPER AND WASHER SWITCH INSPECTION.)
12	Rain sensor (See 09-19-28 RAIN SENSOR REMOVAL/INSTALLATION.) (See 09-19-31 RAIN SENSOR INITIAL SETTING.)

WIPER/WASHER SYSTEM

WIPER/WASHER SYSTEM LOCATION INDEX [3HB] R.H.D.

id0919009100z3



am2zzw0000495

1	Windshield wiper motor (See 09-19-9 WINDSHIELD WIPER MOTOR REMOVAL/INSTALLATION.) (See 09-19-11 WINDSHIELD WIPER MOTOR DISASSEMBLY/ASSEMBLY.) (See 09-19-12 WINDSHIELD WIPER MOTOR INSPECTION.)
2	Windshield wiper arm and blade (See 09-19-7 WINDSHIELD WIPER ARM AND BLADE REMOVAL/INSTALLATION.) (See 09-19-8 WINDSHIELD WIPER ARM AND BLADE ADJUSTMENT.)
3	Windshield washer nozzle (See 09-19-15 WINDSHIELD WASHER NOZZLE REMOVAL/INSTALLATION.) (See 09-19-16 WINDSHIELD WASHER NOZZLE ADJUSTMENT.)

4	Windshield washer hose (See 09-19-16 WINDSHIELD WASHER HOSE REMOVAL/INSTALLATION.)
5	Washer tank (See 09-19-13 WASHER TANK REMOVAL/INSTALLATION.)
6	Washer motor (See 09-19-9 WINDSHIELD WIPER MOTOR REMOVAL/INSTALLATION.) (See 09-19-11 WINDSHIELD WIPER MOTOR DISASSEMBLY/ASSEMBLY.)
7	Rear washer hose (See 09-19-22 REAR WASHER HOSE REMOVAL/INSTALLATION [3HB].)

WIPER/WASHER SYSTEM

8	Rear washer nozzle (See 09-19-20 REAR WASHER NOZZLE REMOVAL/INSTALLATION.) (See 09-19-20 REAR WASHER NOZZLE ADJUSTMENT.)
9	Rear wiper arm and blade (See 09-19-17 REAR WIPER ARM AND BLADE REMOVAL/INSTALLATION.) (See 09-19-18 REAR WIPER ARM AND BLADE ADJUSTMENT.)
10	Rear wiper motor (See 09-19-18 REAR WIPER MOTOR REMOVAL/INSTALLATION.) (See 09-19-19 REAR WIPER MOTOR INSPECTION.)
11	Wiper and washer switch (See 09-19-24 WIPER AND WASHER SWITCH REMOVAL/INSTALLATION.) (See 09-19-25 WINDSHIELD WIPER AND WASHER SWITCH INSPECTION.)
12	Rain sensor (See 09-19-28 RAIN SENSOR REMOVAL/INSTALLATION.) (See 09-19-31 RAIN SENSOR INITIAL SETTING.)

WINDSHIELD WIPER ARM AND BLADE REMOVAL/INSTALLATION

id091900474600

Warning

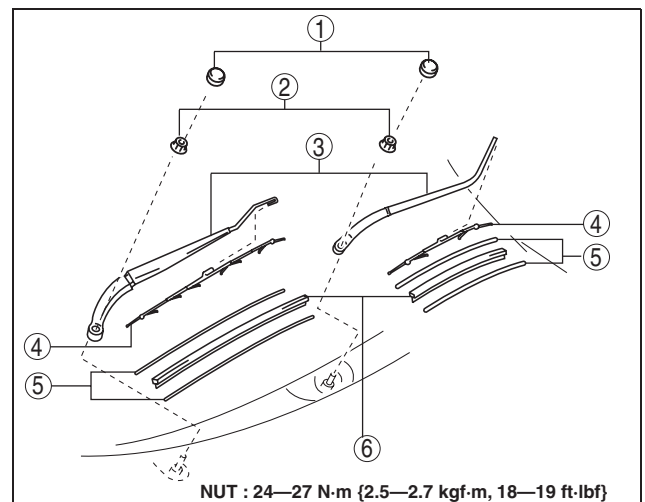
- When the ignition switch is turned to the ON position, and the wiper and washer switch is in the AUTO position, the windshield wipers could operate accidentally under the following conditions. Always turn the ignition switch, and the wiper and washer switch off before handling the windshield wipers; otherwise a pinched hand or fingers could result in injury or a wiper system malfunction:
 - The windshield in the rain sensor installation area is touched.
 - The windshield is subjected to an impact.
 - The rain sensor is subjected to an impact from inside the vehicle.
 - Water is poured on the windshield.

1. Remove in the order indicated in the table.

R.H.D.

1	Cap
2	Nut
3	Windshield wiper arm (See: 09-19-8 Windshield Wiper Arm Installation Note.)
4	Windshield wiper blade
5	Backing plate
6	Rubber brush

2. Install in the reverse order of removal.
3. Adjust the windshield wiper arm and blade. (See 09-19-8 WINDSHIELD WIPER ARM AND BLADE ADJUSTMENT.)

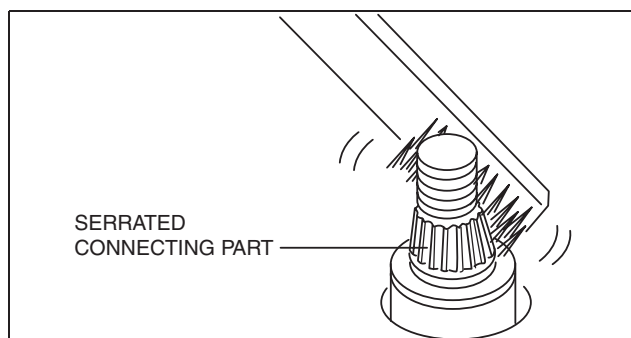


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WIPER/WASHER SYSTEM

Windshield Wiper Arm Installation Note

1. Clean the serrated connecting part with a wire brush before installing the windshield wiper arm.

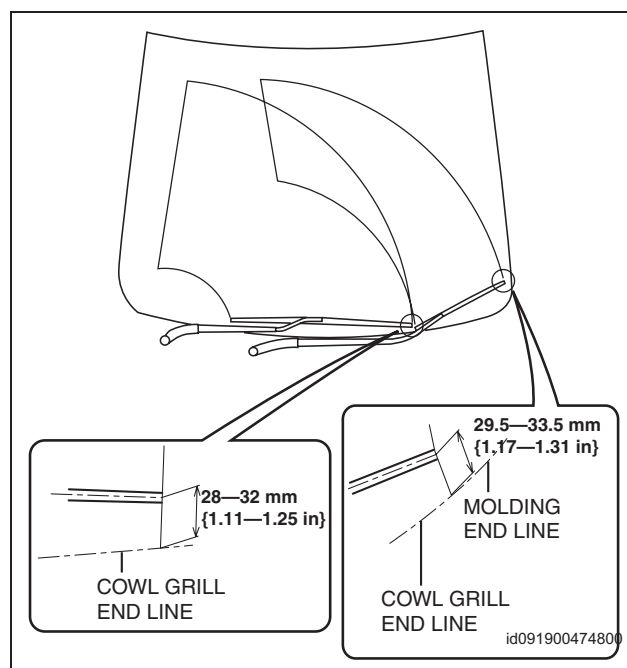


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WINDSHIELD WIPER ARM AND BLADE ADJUSTMENT

1. Turn off the windshield wiper switch while operating the windshield wiper motor to stop the windshield wiper at the auto-stop position.
2. Slide the serrated connecting part and position the windshield wiper arm and blade as shown in the figure.

R.H.D.



id091900474800

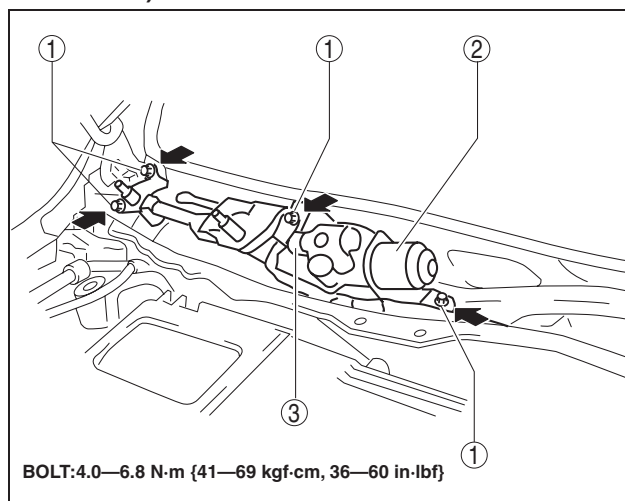
am2zzw0000213

WINDSHIELD WIPER MOTOR REMOVAL/INSTALLATION

1. Disconnect the negative battery cable.
2. Remove the windshield wiper arm. (See 09-19-7 WINDSHIELD WIPER ARM AND BLADE REMOVAL/INSTALLATION.)
3. Remove the cowl grille. (See 09-16-5 COWL GRILLE REMOVAL/INSTALLATION.)
4. Remove in the order indicated in the table.

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R.H.D. (Except AutoAlliance Thailand (AAT) manufactured vehicles)



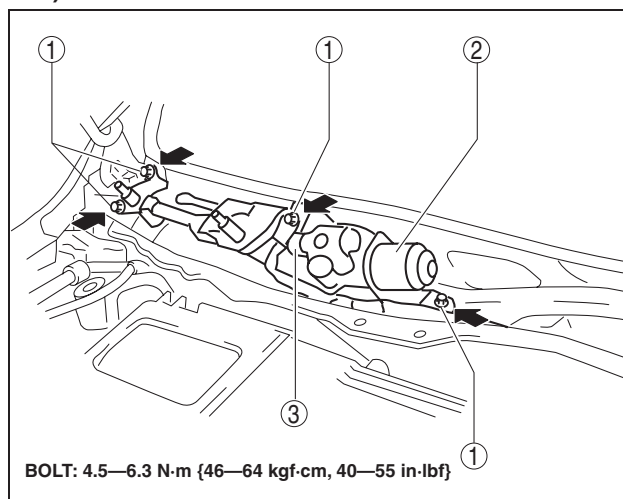
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WIPER/WASHER SYSTEM

R.H.D. (AutoAlliance Thailand (AAT) manufactured vehicles)

1	Bolt
2	Windshield wiper motor
3	Connector

5. Install in the reverse order of removal.
6. Adjust the windshield wiper arm and blade. (See 09-19-8 WINDSHIELD WIPER ARM AND BLADE ADJUSTMENT.)

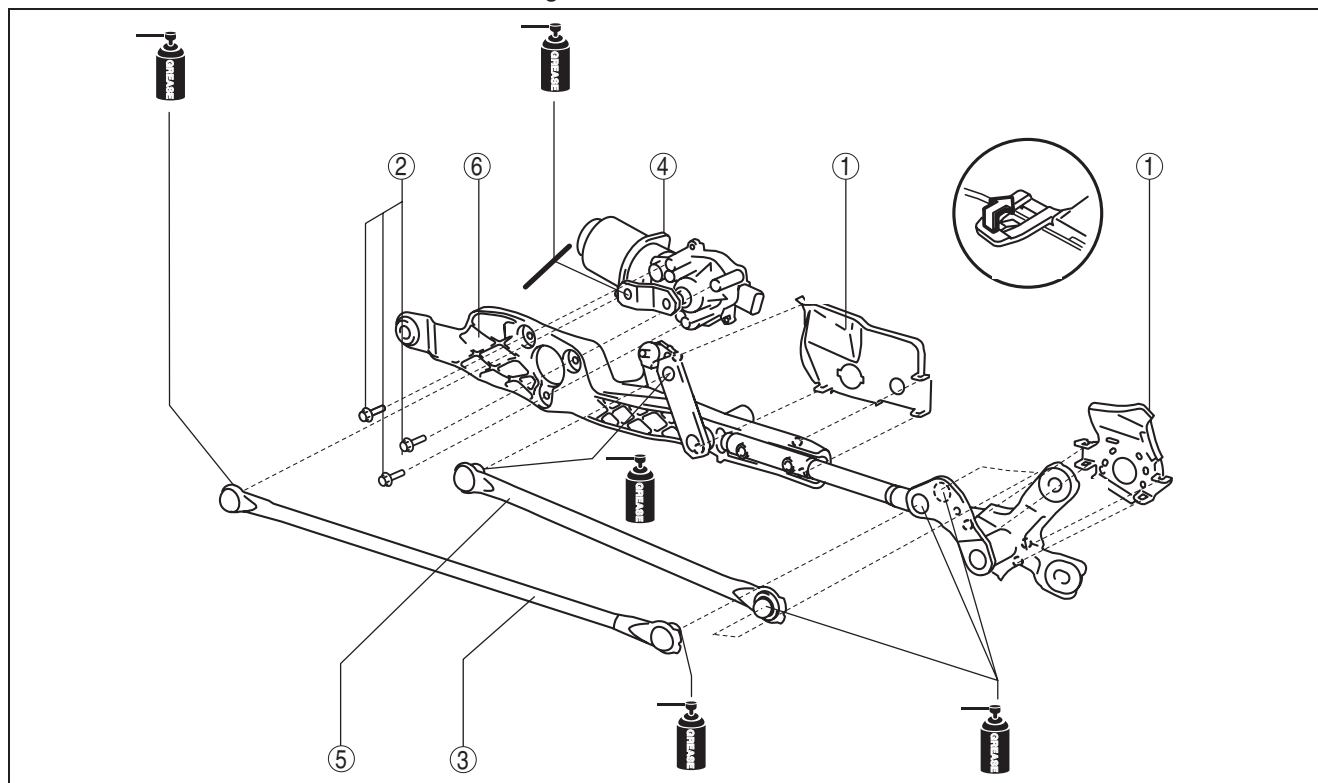


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WINDSHIELD WIPER MOTOR DISASSEMBLY/ASSEMBLY

id091900474900

1. Disassemble in the order indicated in the figure.



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1	Cover
2	Bolt
3	Wiper link No.1 (See 09-19-11 Ball Joint Assembly Note.)

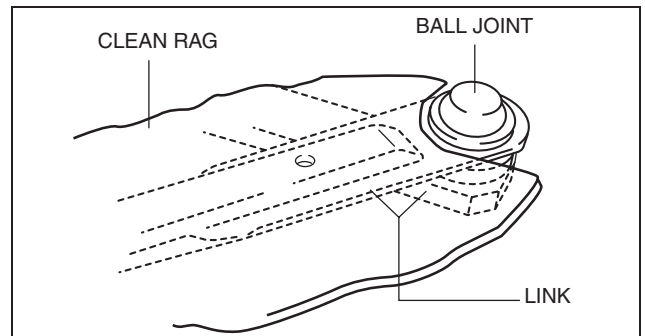
4	Windshield wiper motor (See 09-19-11 Windshield Wiper Motor Assembly Note.)
5	Wiper link No.2 (See 09-19-11 Ball Joint Assembly Note.)
6	Main link (See 09-19-11 Ball Joint Assembly Note.)

WIPER/WASHER SYSTEM

2. Assemble in the reverse order of disassembly.

Ball Joint Assembly Note

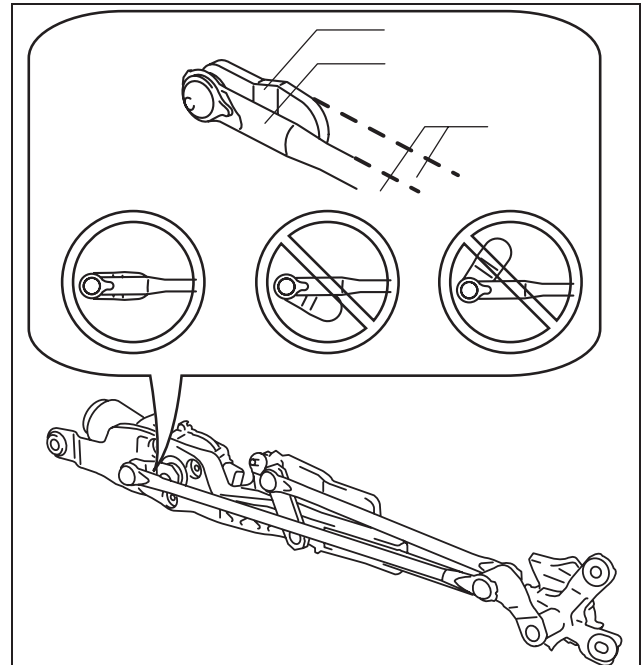
1. Use a clean cloth to protect the link and squeeze using pliers.



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Windshield Wiper Motor Assembly Note

1. Connect the windshield wiper motor to the vehicle wiring harness connector, operate the windshield wipers, and then stop them at the auto-stop position.
2. Adjust the motor crank and wiper link No.1 so that they are parallel as shown in the figure.



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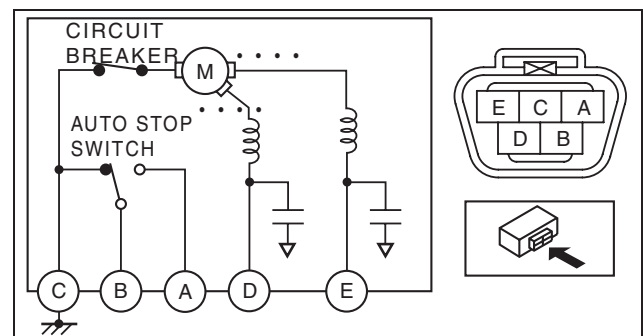
WINDSHIELD WIPER MOTOR INSPECTION

id091900475000

R.H.D.

1. Disconnect windshield wiper motor connector.
2. After connecting the windshield wiper motor terminal D or E to the positive battery terminal, and terminal C to the negative battery terminal, verify that the windshield wipers operate as shown in the table.
 - If not as indicated in the table, replace the windshield wiper motor.

Terminal applied to battery		Operation condition
Battery negative voltage	Battery positive voltage	
C	D	HI
	E	LO



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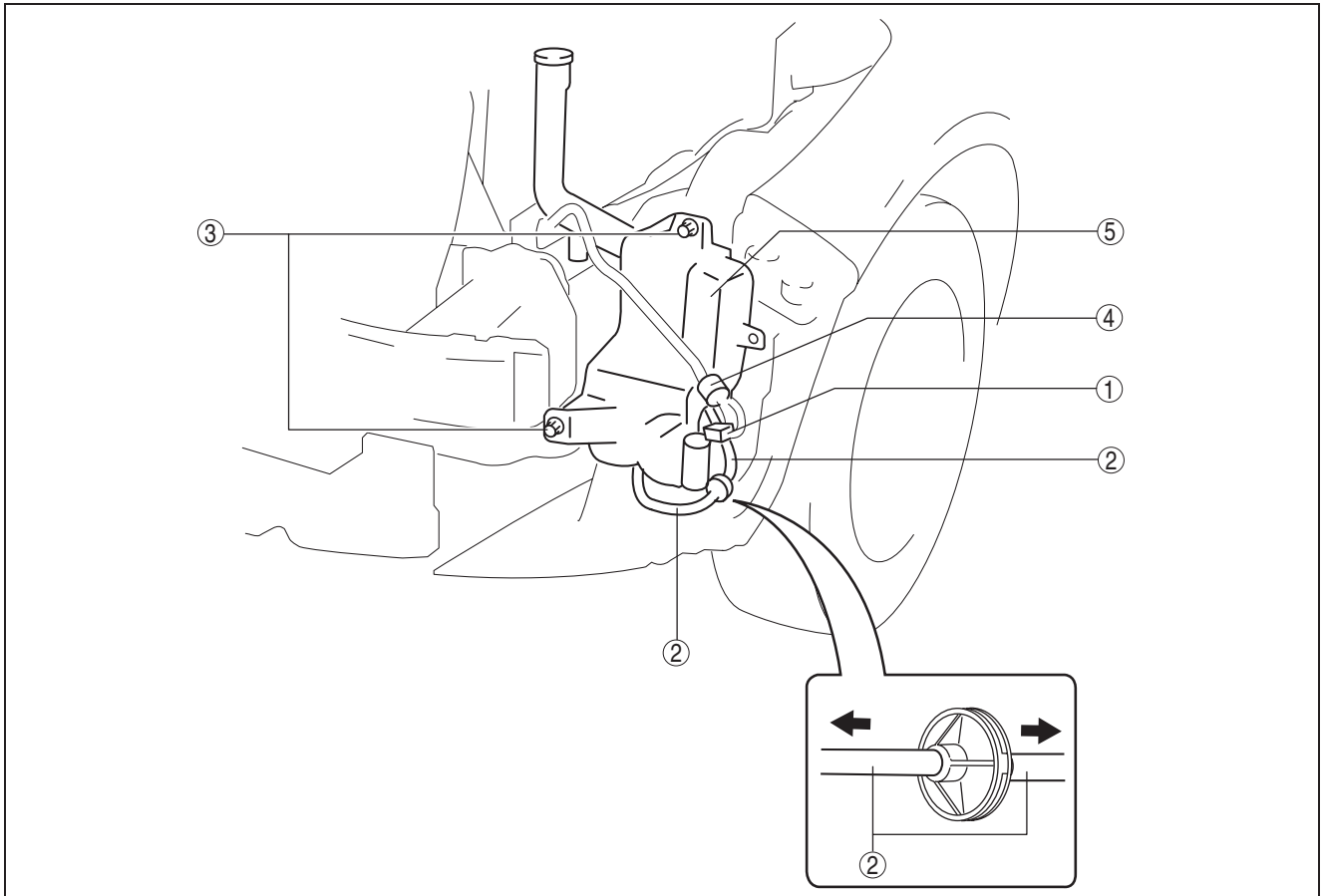
WIPER/WASHER SYSTEM

3. Disconnect the positive battery from terminal E while the wipers are operating, then verify that the wipers do not stop at the auto-stop position.
4. Connect windshield wiper motor terminals E and A, and apply battery positive voltage to terminal B.
5. Verify that the windshield wipers operate at low speed again and they are at the auto-stop position.
 - If there is any malfunction, replace the windshield wiper motor.

WASHER TANK REMOVAL/INSTALLATION

id091900476100

1. Disconnect the negative battery cable.
2. Remove the front bumper. (See 09-10-8 FRONT BUMPER REMOVAL/INSTALLATION.)
3. Remove the front combination light on the left side. (See 09-18-5 FRONT COMBINATION LIGHT REMOVAL/INSTALLATION.)
4. Remove in the order indicated in the table.



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1	Connector
2	Washer hose
3	Bolt

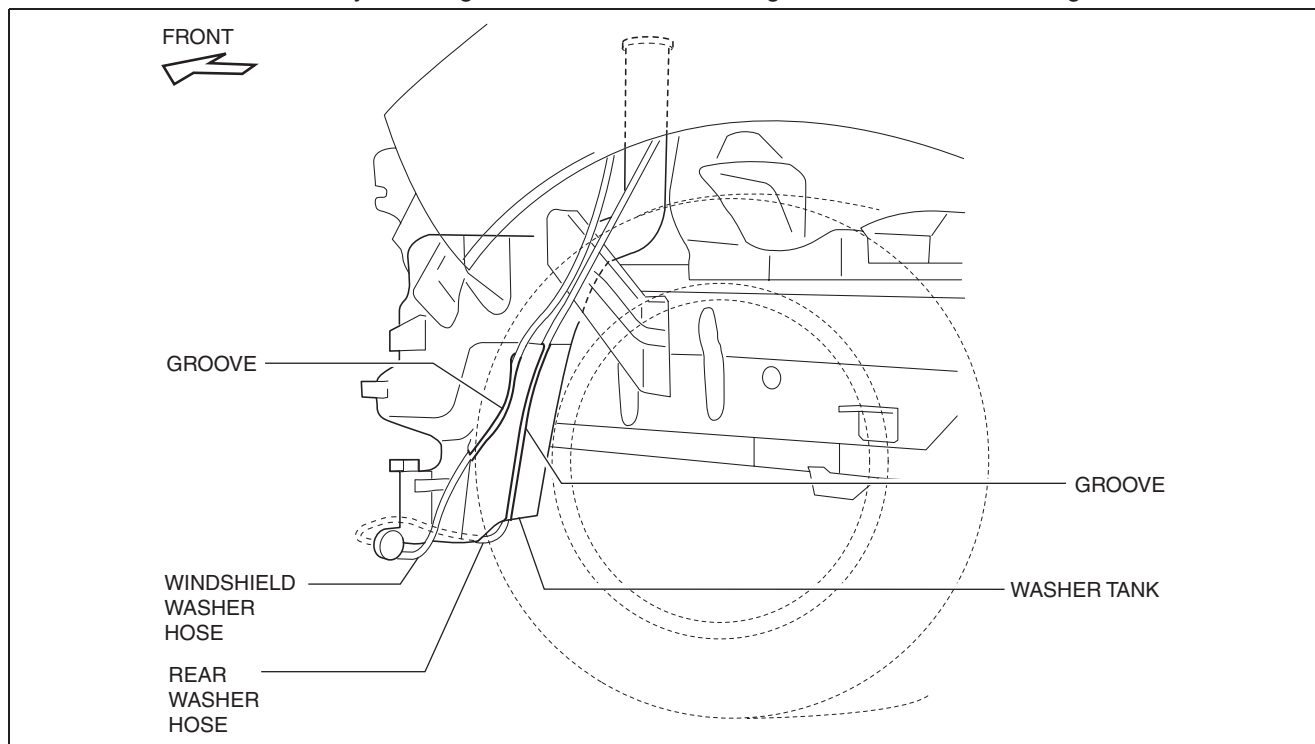
4	Clip
5	Washer tank (See 09-19-14 Washer Hose Installation Note.)

5. Install in the reverse order of removal.

WIPER/WASHER SYSTEM

Washer Hose Installation Note

1. Install the washer hoses by inserting them in the washer tank grooves as shown in the figure.



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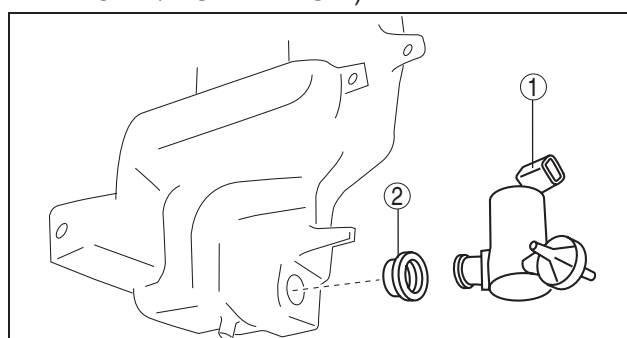
WASHER MOTOR REMOVAL/INSTALLATION

id091900477100

1. Disconnect the negative battery cable.
2. Remove the front bumper. (See 09-10-8 FRONT BUMPER REMOVAL/INSTALLATION.)
3. Remove the front combination light on the left side. (See 09-18-5 FRONT COMBINATION LIGHT REMOVAL/INSTALLATION.)
4. Remove the washer tank. (See 09-19-13 WASHER TANK REMOVAL/INSTALLATION.)
5. Remove in the order indicated in the table.

1	Washer motor
2	Grommet

6. Install in the reverse order of removal.



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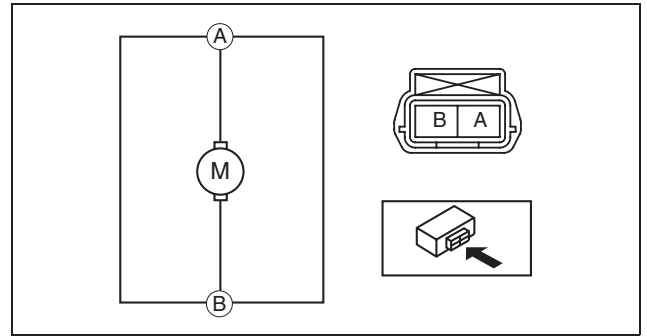
WASHER MOTOR INSPECTION

id091900477200

1. Disconnect the negative battery cable.
2. Remove the front bumper. (See 09-10-8 FRONT BUMPER REMOVAL/INSTALLATION.)
3. Remove the washer tank. (See 09-19-13 WASHER TANK REMOVAL/INSTALLATION.)
4. Remove the washer motor. (See 09-19-14 WASHER MOTOR REMOVAL/INSTALLATION.)
5. Disconnect the negative battery cable.

WIPER/WASHER SYSTEM

6. After connecting washer motor terminal A to the positive battery terminal, and terminal B to the negative battery terminal, verify that washer fluid flows to the windshield washer hose.
 - If there is any malfunction, replace the washer motor.
7. After connecting washer motor terminal B to the positive battery terminal, and terminal A to the negative battery terminal, verify that washer fluid flows to the rear washer hose.
 - If there is any malfunction, replace the washer motor.

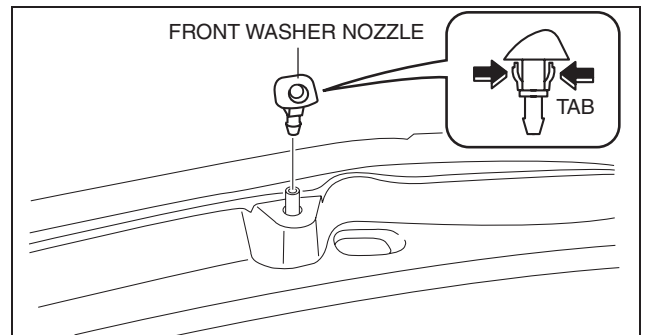


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WINDSHIELD WASHER NOZZLE REMOVAL/INSTALLATION

id091900476300

1. Remove the windshield wiper arm. (See 09-19-7 WINDSHIELD WIPER ARM AND BLADE REMOVAL/INSTALLATION.)
2. Remove the cowl grille. (See 09-16-5 COWL GRILLE REMOVAL/INSTALLATION.)
3. Remove the windshield washer hose from the windshield washer nozzle.
4. Press the windshield washer nozzle tab in the direction of the arrow shown in the figure to detach it.
5. Pull out the windshield washer nozzle from the cowl grille and remove.
6. Install in the reverse order of removal.



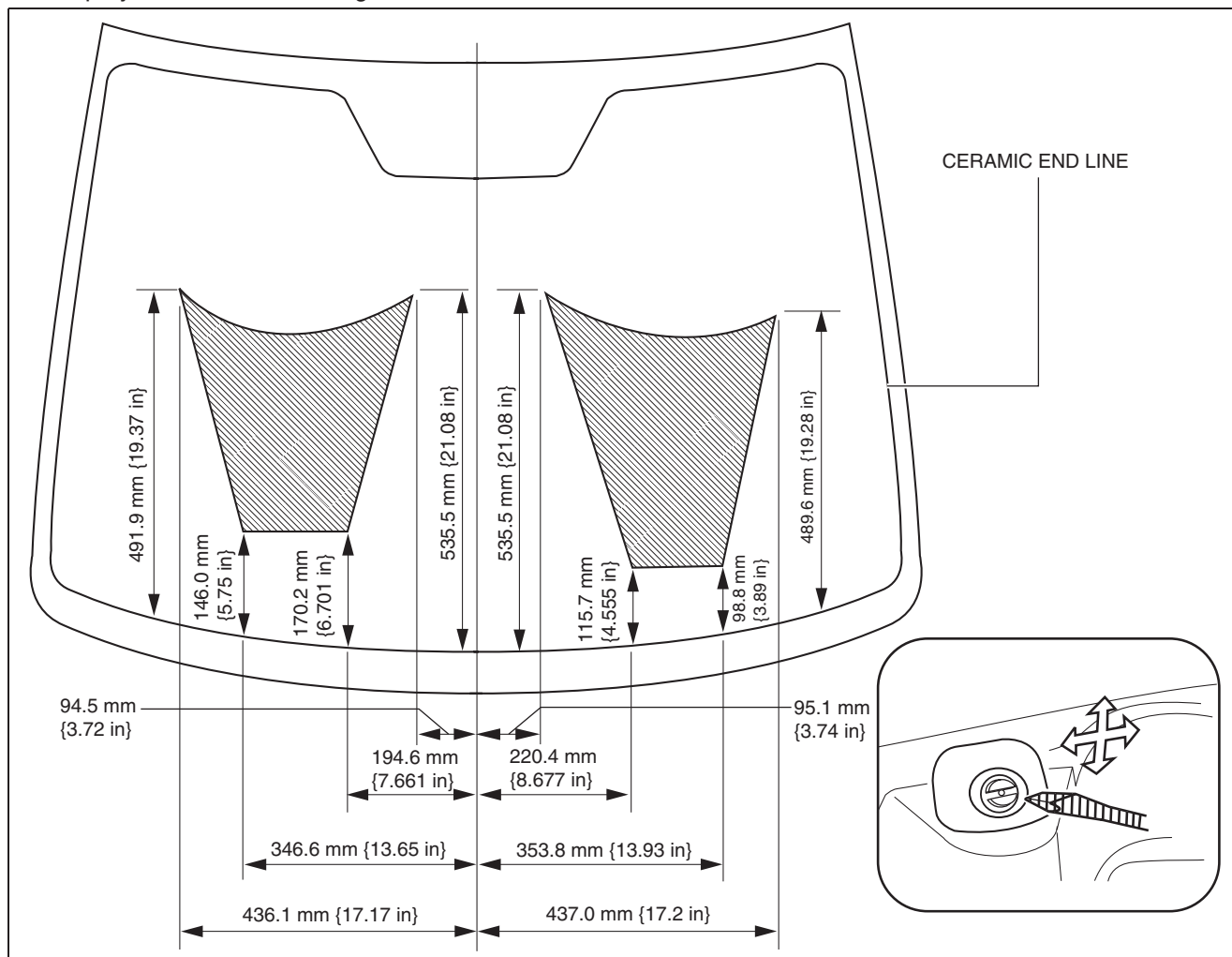
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WIPER/WASHER SYSTEM

WINDSHIELD WASHER NOZZLE ADJUSTMENT

id091900476400

1. Insert a tape-wrapped flathead screwdriver into the windshield washer nozzle and adjust the area washer fluid is sprayed as shown in the figure.

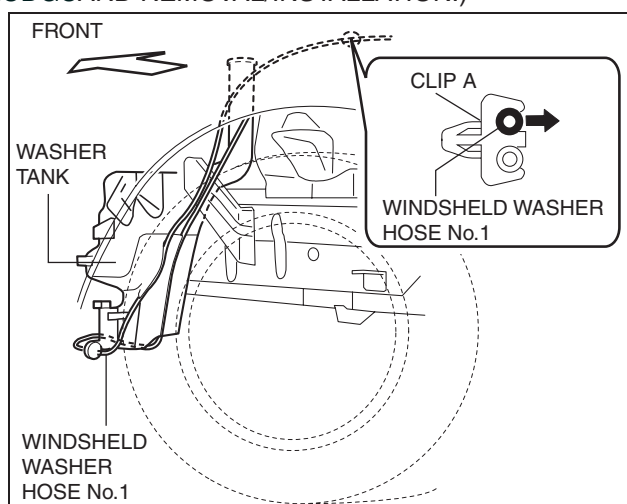


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WINDSHIELD WASHER HOSE REMOVAL/INSTALLATION

id091900476500

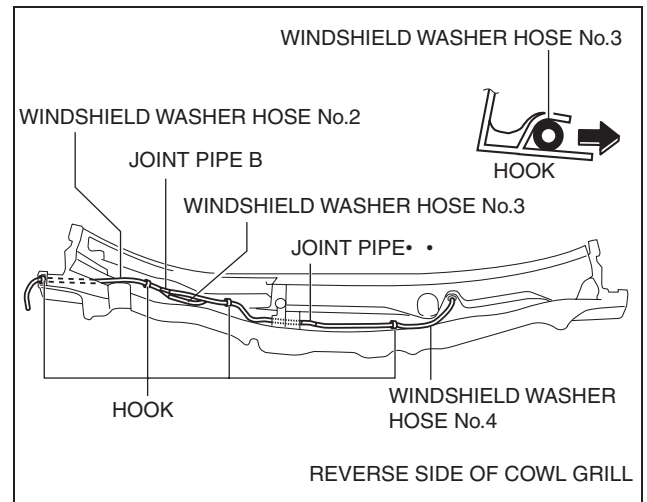
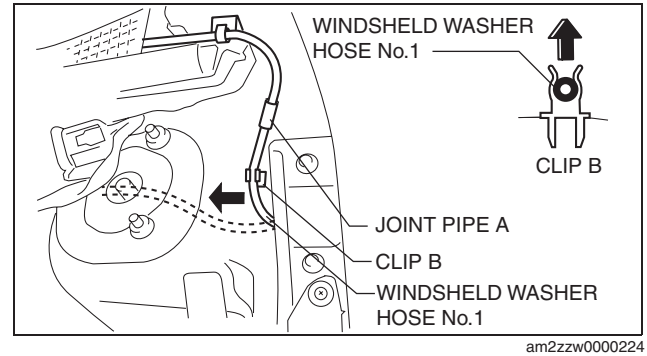
1. Remove the mudguard on the left side. (See 09-16-8 MUDGUARD REMOVAL/INSTALLATION.)
2. Remove windshield washer hose No.1 from the washer tank.
3. Detach clip A.



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WIPER/WASHER SYSTEM

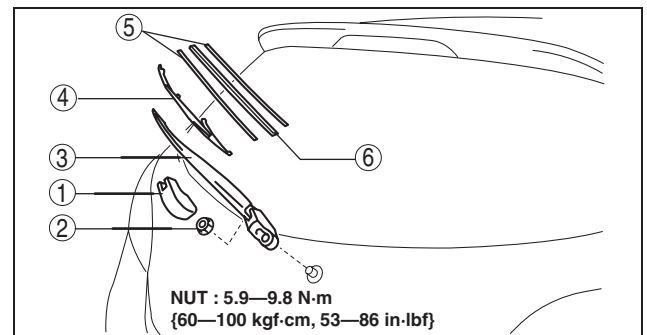
4. Remove windshield washer hose No.1 from clip B and joint pipe A in the direction of the arrow shown in the figure.
5. Remove the windshield washer base No.1 from joint pipe A.
6. Remove windshield washer hose No.1 from joint pipe A.
7. Remove the cowl grille. (See 09-16-5 COWL GRILLE REMOVAL/INSTALLATION.)
8. Remove the windshield wiper arm. (See 09-19-7 WINDSHIELD WIPER ARM AND BLADE REMOVAL/INSTALLATION.)
9. Remove the windshield washer nozzle. (See 09-19-15 WINDSHIELD WASHER NOZZLE REMOVAL/INSTALLATION.)
10. Remove the windshield washer hose from the hook.
11. Remove windshield washer hoses No.2, No.3 and No.4 from joint pipes B and C.
12. Install in the reverse order of removal.



REAR WIPER ARM AND BLADE REMOVAL/INSTALLATION

1. Remove in the order indicated in the table.

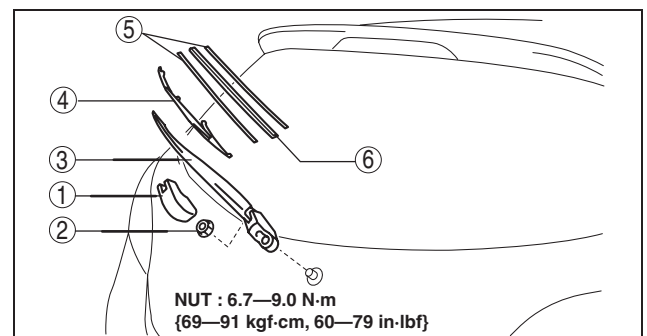
Except AutoAlliance Thailand (AAT) manufactured vehicles



AutoAlliance Thailand (AAT) manufactured vehicles

1	Cap
2	Nut
3	Rear wiper arm (See 09-19-18 Rear Wiper Arm Installation Note.)
4	Rear wiper blade
5	Backing plate
6	Rubber brush

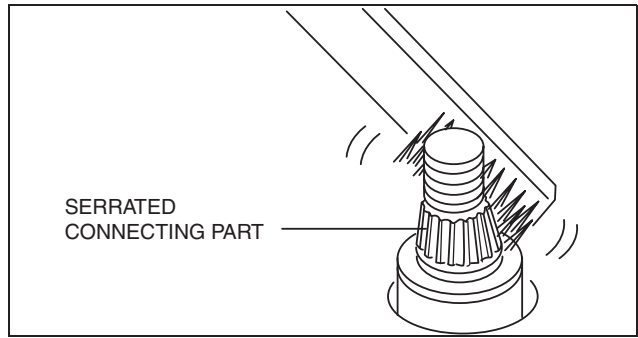
2. Install in the reverse order of removal.
3. Adjust the rear wiper arm and blade. (See 09-19-17 REAR WIPER ARM AND BLADE REMOVAL/INSTALLATION.)



WIPER/WASHER SYSTEM

Rear Wiper Arm Installation Note

1. Clean the serrated connecting part with a wire brush before installing the rear wiper arm.

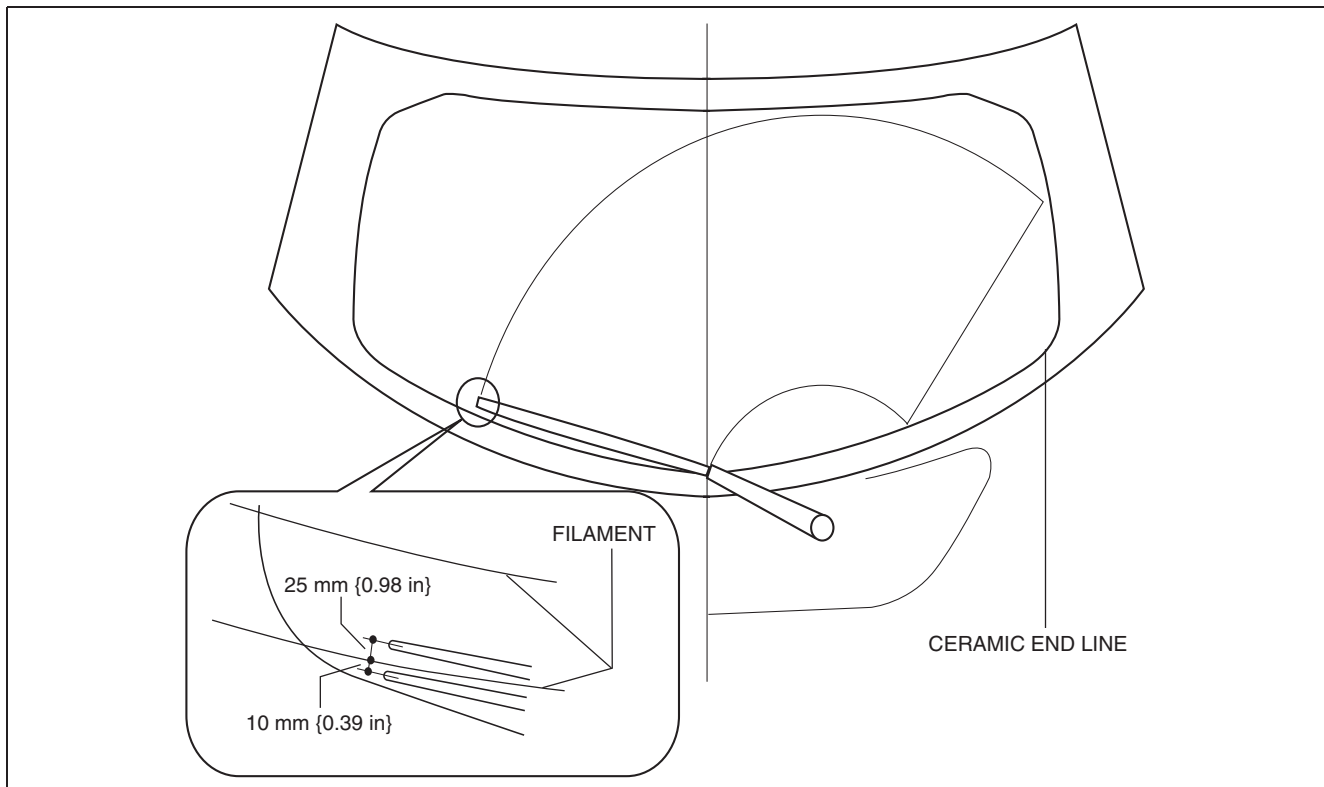


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REAR WIPER ARM AND BLADE ADJUSTMENT

id091900910200

1. Turn off the rear wiper switch while operating the rear wiper motor to stop the rear wiper at the auto-stop position.
2. Slide the serrated connecting part and position the rear wiper arm and blade as shown in the figure.



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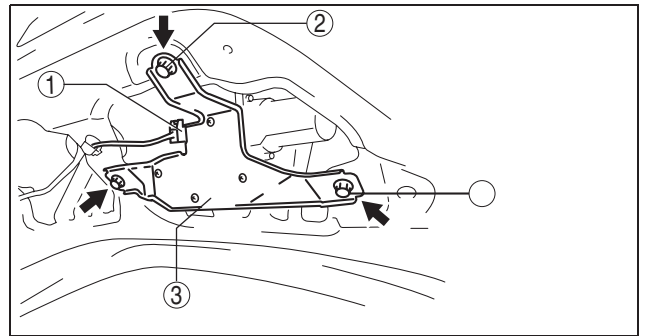
REAR WIPER MOTOR REMOVAL/INSTALLATION

id091900475500

1. Disconnect the negative battery cable.
2. Remove the liftgate lower trim. (See 09-17-79 LIFTGATE LOWER TRIM REMOVAL/INSTALLATION.)
3. Remove the rear wiper arm. (See 09-19-17 REAR WIPER ARM AND BLADE REMOVAL/INSTALLATION.)
4. Remove in the order indicated in the table.

WIPER/WASHER SYSTEM

Except AutoAlliance Thailand (AAT) manufactured vehicles

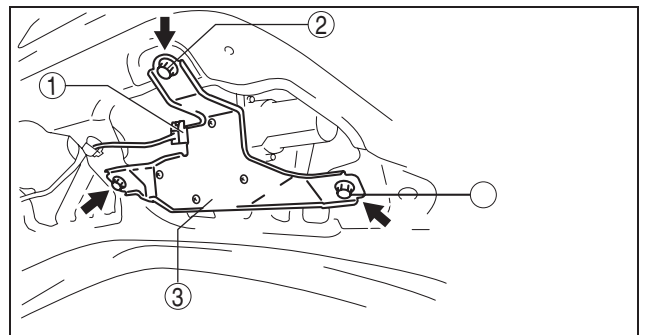


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AutoAlliance Thailand (AAT) manufactured vehicles

1	Connector
2	Bolt
3	Rear wiper motor

5. Install in the reverse order of removal.
6. Adjust the rear wiper arm and blade. (See 09-19-18 REAR WIPER ARM AND BLADE ADJUSTMENT.)

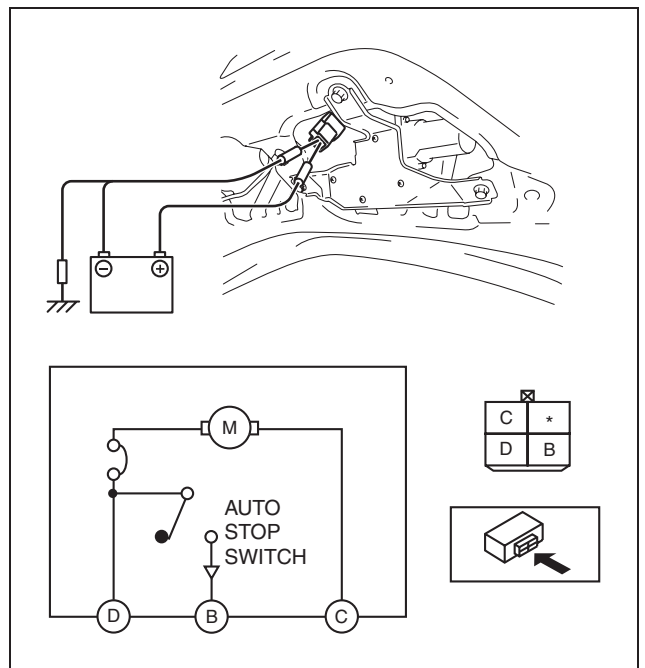


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REAR WIPER MOTOR INSPECTION

id091900475600

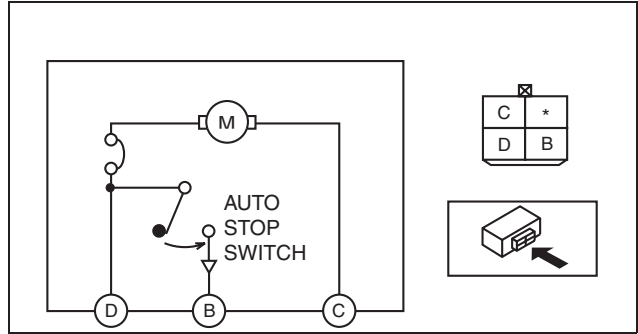
1. Disconnect the negative battery cable.
2. Remove the liftgate lower trim. (See 09-17-79 LIFTGATE LOWER TRIM REMOVAL/INSTALLATION.)
3. Remove the rear wiper motor connector.
4. Apply battery positive voltage to rear wiper motor connector terminal C, and connect terminals B and D to the ground.
5. Verify that the rear wiper motor operates smoothly.



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WIPER/WASHER SYSTEM

6. Disconnect the ground connecting rear wiper motor connector terminal D and the negative battery terminal while the rear wipers are operating, then verify that the rear wipers stop at the auto-stop position.
 - If there is any malfunction, replace the rear wiper motor.

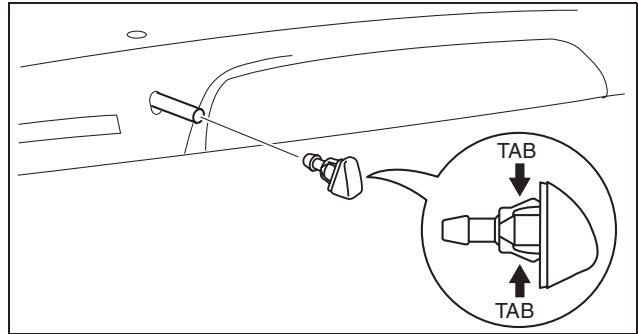


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REAR WASHER NOZZLE REMOVAL/INSTALLATION

id091900476700

1. Remove the liftgate upper trim. (See 09-17-78 LIFTGATE UPPER TRIM REMOVAL/INSTALLATION.)
2. Release the tabs in the direction of the arrow shown in the figure and remove the rear washer nozzle.
3. Install in the reverse order of removal.
4. Adjust the spray area of the rear washer nozzle. (See 09-19-20 REAR WASHER NOZZLE ADJUSTMENT.)

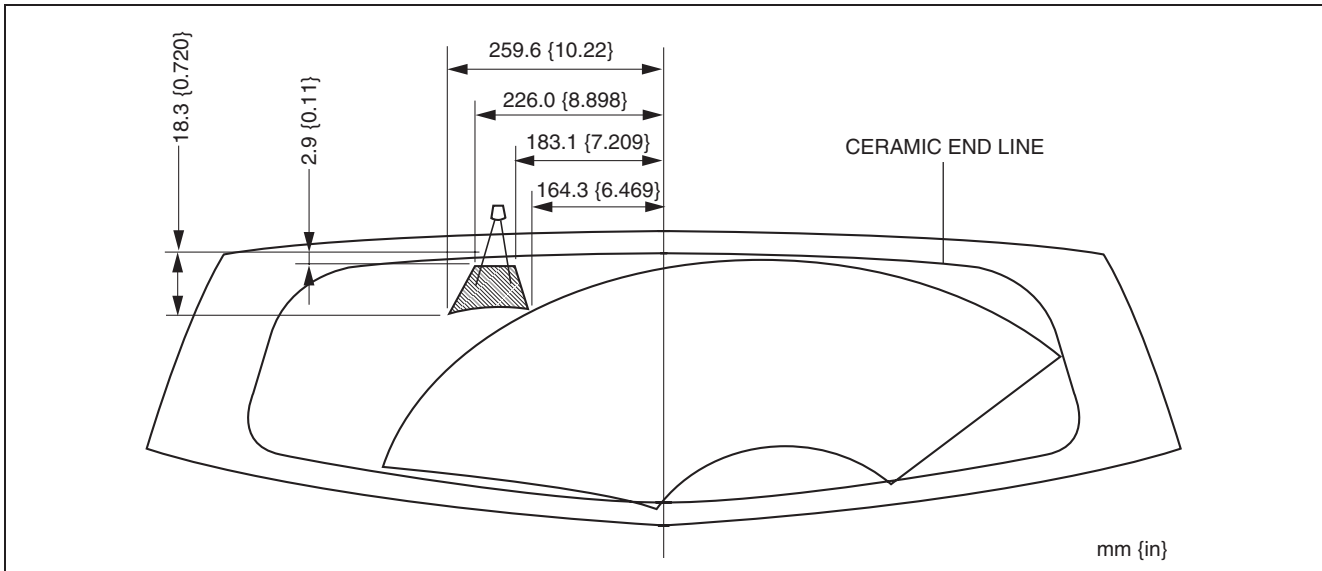


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REAR WASHER NOZZLE ADJUSTMENT

id091900476800

1. Insert a needle or similar thin tool into the rear washer nozzle and adjust the area where washer fluid is sprayed as shown in the figure.



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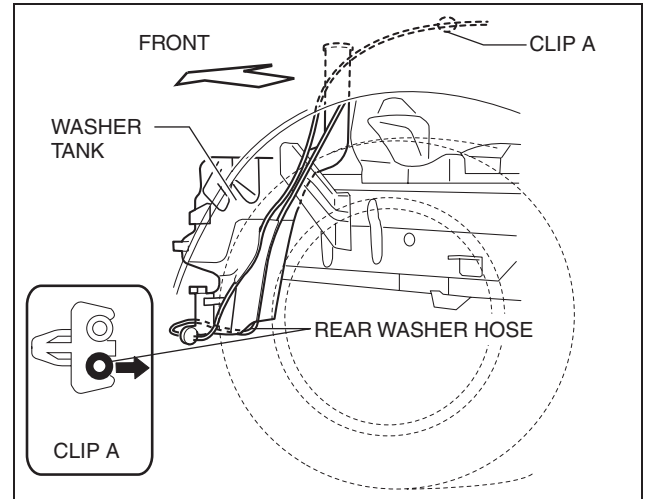
REAR WASHER HOSE REMOVAL/INSTALLATION

id091900475700

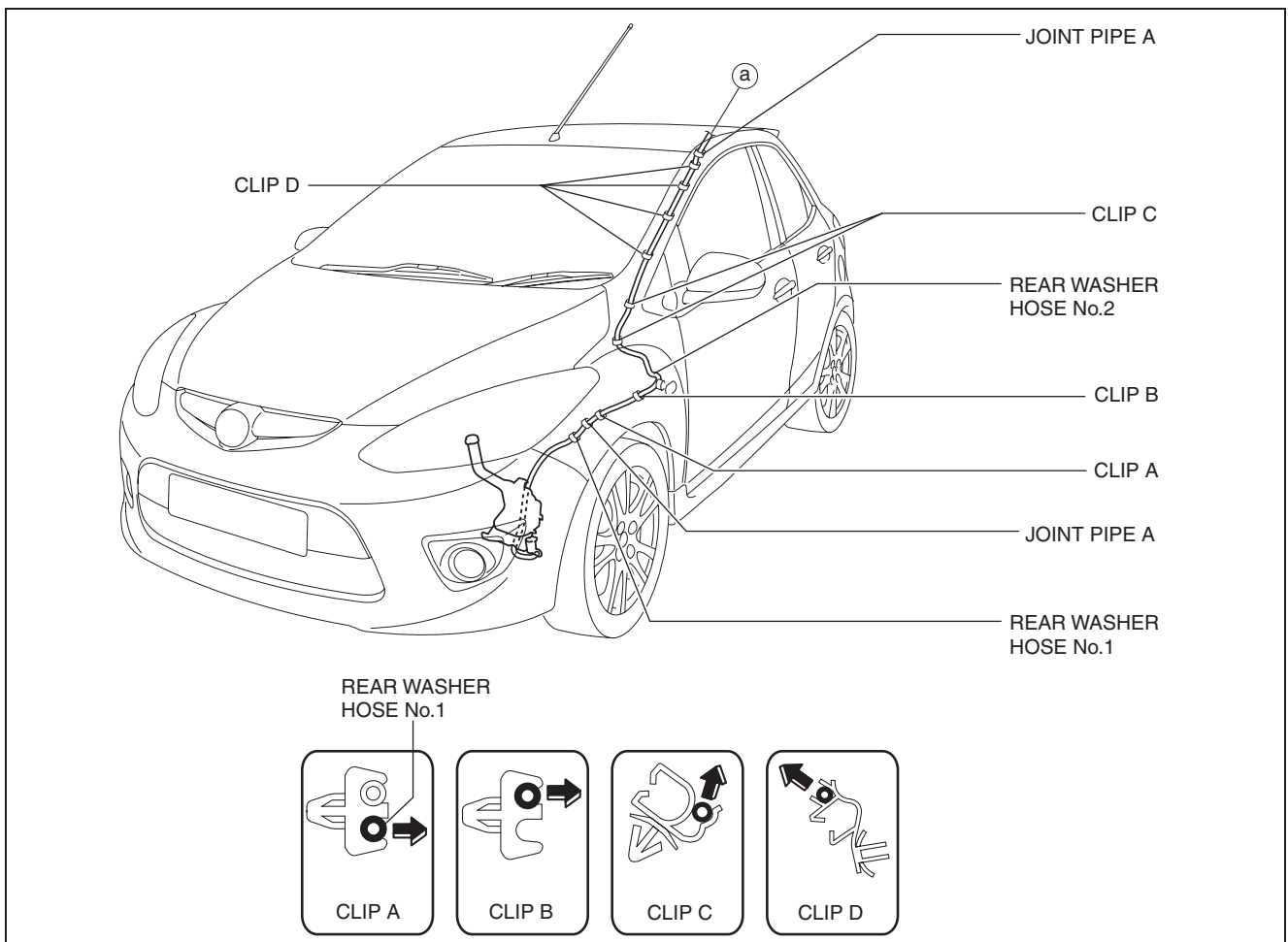
1. Disconnect the negative battery cable.
2. Remove the mudguard on the left side. (See 09-16-8 MUDGUARD REMOVAL/INSTALLATION.)

WIPER/WASHER SYSTEM

3. Disconnect the rear washer hose from the washer tank.
4. Remove rear washer hose No.1 from clip A.



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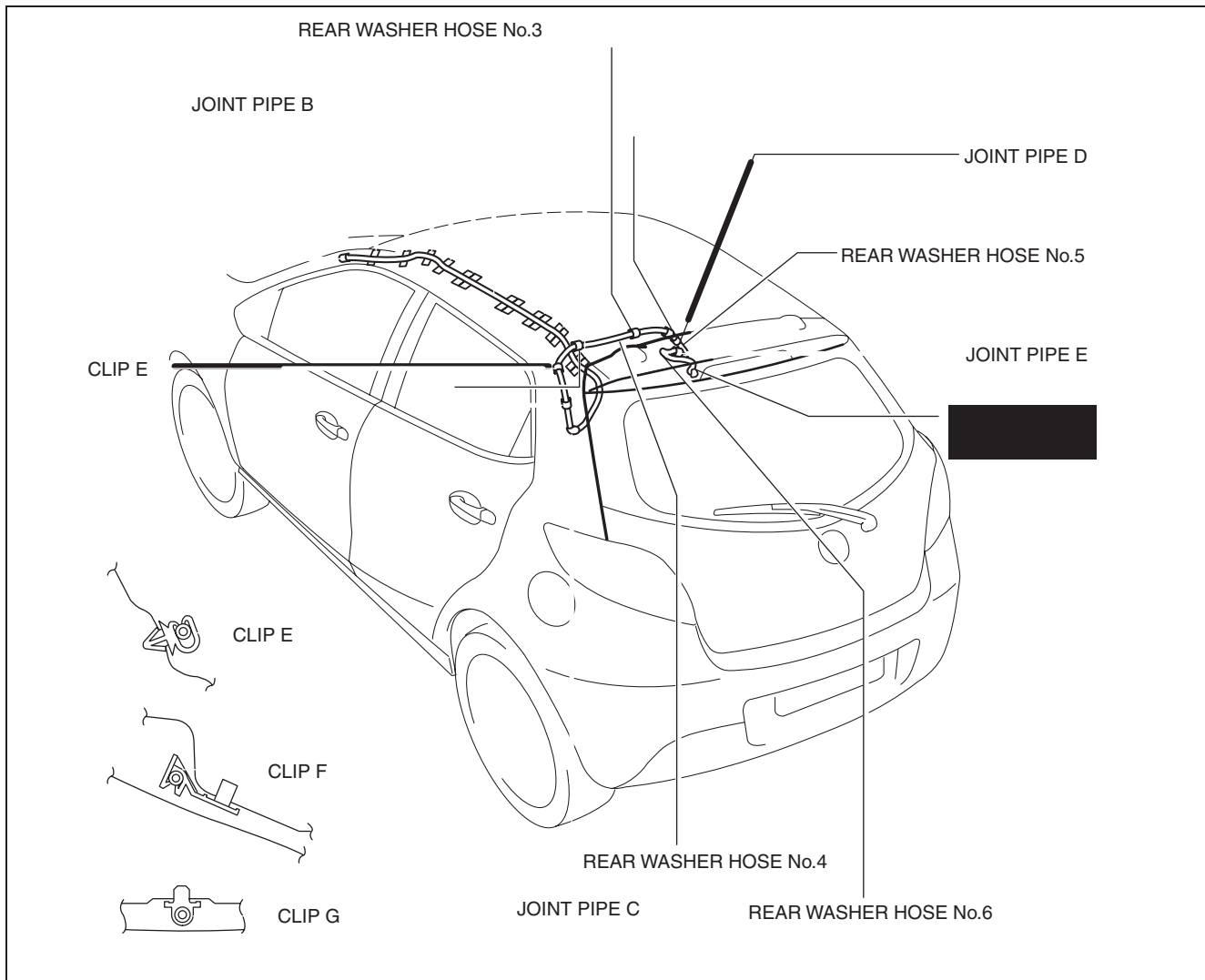


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5. Remove the A-pillar trim on the left side. (See 09-17-42 A-PILLAR TRIM REMOVAL/INSTALLATION.)
6. Remove the glove compartment. (See 09-17-26 GLOVE COMPARTMENT REMOVAL/INSTALLATION.)
7. Remove the glove compartment cover. (See 09-17-28 GLOVE COMPARTMENT COVER REMOVAL/INSTALLATION.)
8. Remove rear washer hose No.2 from clips B, C, and D.
9. Remove rear washer hose No.2 and joint pipe B.
10. Remove the following parts:
 - (1) Front scuff plate (See 09-17-56 FRONT SCUFF PLATE REMOVAL/INSTALLATION.)
 - (2) Rear scuff plate (See 09-17-58 REAR SCUFF PLATE REMOVAL/INSTALLATION.)
 - (3) B-pillar lower trim (See 09-17-46 B-PILLAR LOWER TRIM REMOVAL/INSTALLATION.)

WIPER/WASHER SYSTEM

- (4) Front seat belt upper anchor installation bolt
- (5) B-pillar upper trim (See 09-17-44 B-PILLAR UPPER TRIM REMOVAL/INSTALLATION.)
- (6) Rear seat back (See 09-13-26 REAR SEAT BACK REMOVAL/INSTALLATION [AutoAlliance (AAT) Thailand manufactured vehicles].) (See 09-13-27 REAR SEAT BACK REMOVAL/INSTALLATION [Except AutoAlliance (AAT) Thailand manufactured vehicles].)
- (7) Rear seat cushion (See 09-13-31 REAR SEAT CUSHION REMOVAL/INSTALLATION.)
- (8) Trunk end trim (See 09-17-75 TRUNK END TRIM REMOVAL/INSTALLATION.)
- (9) Trunk side trim (See 09-17-70 TRUNK SIDE TRIM REMOVAL/INSTALLATION.)
- (10) C-pillar trim (See 09-17-46 C-PILLAR TRIM REMOVAL/INSTALLATION.)
- (11) Sunvisor (See 09-17-80 SUNVISOR REMOVAL/INSTALLATION.)
- (12) Rain sensor cover (vehicles with rain sensor) (See 09-19-28 RAIN SENSOR REMOVAL/INSTALLATION.)
- (13) Assist handle (See 09-17-80 ASSIST HANDLE REMOVAL/INSTALLATION.)
11. Remove joint pipe C.
12. Remove the headliner. (See 09-17-81 HEADLINER REMOVAL/INSTALLATION.)
13. Peel off the tape and remove rear washer hose No.3.



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14. Remove rear washer hose No.4 from clips E, F, and G.
15. Remove rear washer hose No.4 from joint pipe D.
16. Remove rear washer hose no.5 from joint pipe E.
17. Remove the rear washer nozzle. (See 09-19-20 REAR WASHER NOZZLE REMOVAL/INSTALLATION.)
18. Remove rear washer hose No.6.
19. Install in the reverse order of removal.

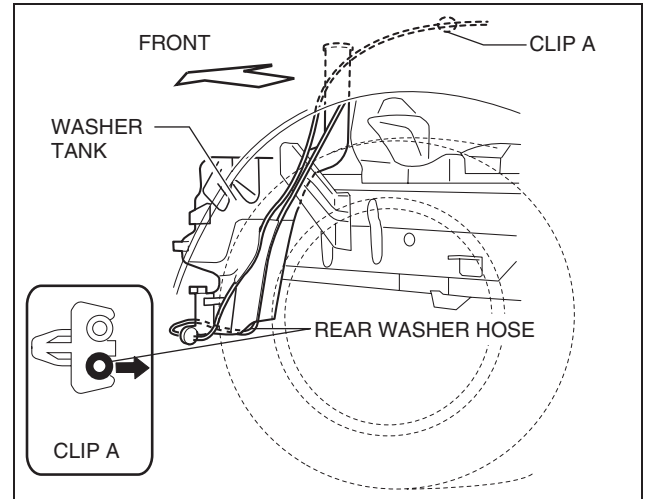
REAR WASHER HOSE REMOVAL/INSTALLATION [3HB]

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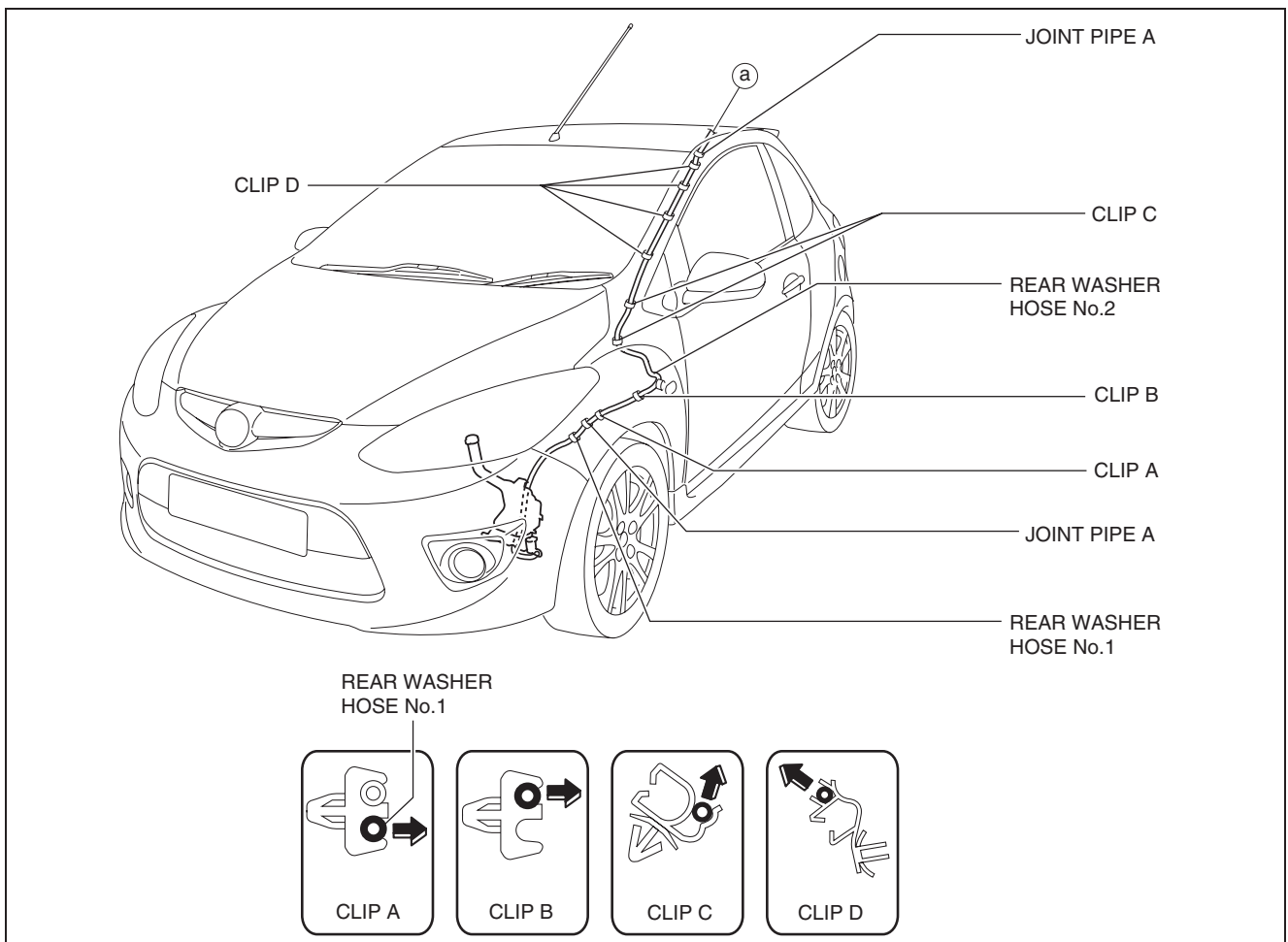
1. Disconnect the negative battery cable.
2. Remove the mudguard on the left side. (See 09-16-8 MUDGUARD REMOVAL/INSTALLATION.)

WIPER/WASHER SYSTEM

3. Disconnect the rear washer hose from the washer tank.
4. Remove rear washer hose No.1 from clip A.



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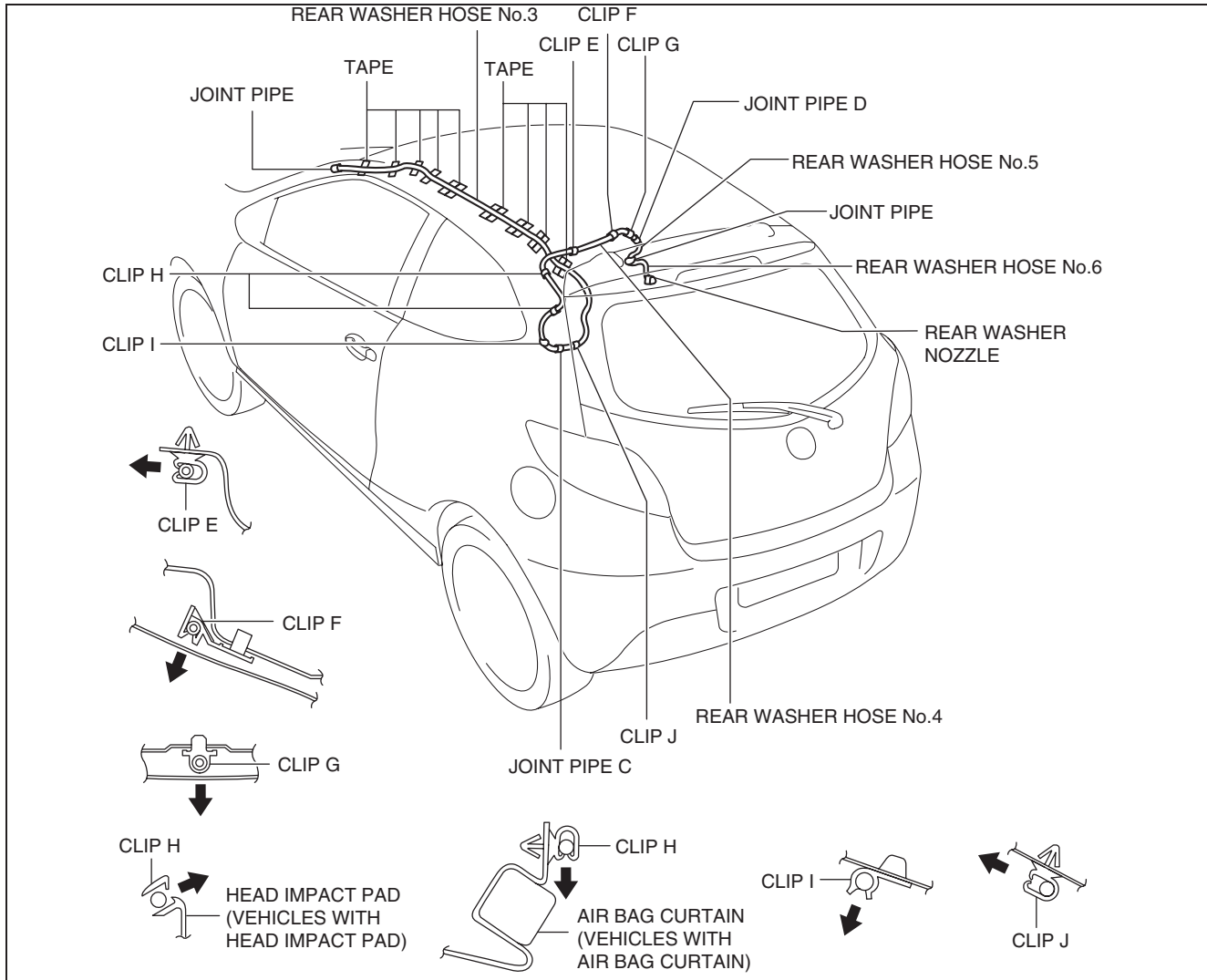


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5. Remove the A-pillar trim on the left side. (See 09-17-42 A-PILLAR TRIM REMOVAL/INSTALLATION.)
6. Remove the glove compartment. (See 09-17-26 GLOVE COMPARTMENT REMOVAL/INSTALLATION.)
7. Remove the glove compartment cover. (See 09-17-28 GLOVE COMPARTMENT COVER REMOVAL/INSTALLATION.)
8. Remove rear washer hose No.2 from clips B, C, and D.
9. Remove rear washer hose No.2 and joint pipe B.
10. Remove the following parts:
 - (1) Front scuff plate (See 09-17-57 FRONT SCUFF PLATE REMOVAL/INSTALLATION [3HB].)
 - (2) Front seat belt upper anchor installation bolt
 - (3) B-pillar upper trim (See 09-17-45 B-PILLAR UPPER TRIM REMOVAL/INSTALLATION [3HB].)

WIPER/WASHER SYSTEM

- (4) Rear seat cushion (See 09-13-31 REAR SEAT CUSHION REMOVAL/INSTALLATION.)
- (5) Trunk end trim (See 09-17-75 TRUNK END TRIM REMOVAL/INSTALLATION.)
- (6) Trunk side trim (See 09-17-73 TRUNK SIDE TRIM REMOVAL/INSTALLATION [3HB].)
- (7) C-pillar trim (See 09-17-52 C-PILLAR TRIM REMOVAL/INSTALLATION [3HB].)
- (8) Sunvisor (See 09-17-80 SUNVISOR REMOVAL/INSTALLATION.)
- (9) Rain sensor cover (vehicles with rain sensor) (See 09-19-28 RAIN SENSOR REMOVAL/INSTALLATION.)
- (10) Assist handle (See 09-17-80 ASSIST HANDLE REMOVAL/INSTALLATION.)
- (11) Rear seat back (See 09-13-26 REAR SEAT BACK REMOVAL/INSTALLATION [AutoAlliance (AAT) Thailand manufactured vehicles].) (See 09-13-27 REAR SEAT BACK REMOVAL/INSTALLATION [Except AutoAlliance (AAT) Thailand manufactured vehicles].)
11. Remove joint pipe C.
12. Remove the headliner. (See 09-17-81 HEADLINER REMOVAL/INSTALLATION.)
13. Peel off the tape and remove rear washer hose No.3.



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14. Remove rear washer hose No.4 from clips E, F, G, H, I, and J.
15. Remove rear washer hose No.4 from joint pipe D.
16. Remove rear washer hose no.5 from joint pipe E.
17. Remove the rear washer nozzle. (See 09-19-20 REAR WASHER NOZZLE REMOVAL/INSTALLATION.)
18. Remove rear washer hose No.6.
19. Install in the reverse order of removal.

WIPER AND WASHER SWITCH REMOVAL/INSTALLATION

id091900910300

Vehicles With Wiper and Washer Switch on Left Side

1. Disconnect the negative battery cable.
2. Remove the column cover. (See 09-17-25 COLUMN COVER REMOVAL/INSTALLATION.)