SERVICE BULLETIN

MITSUBISHI MOTORS

GLOBAL AFTER SALES OFFICE, MITSUBISHI MOTORS CORPORATION

PURPOSE : CORRECTION	ISSUE NO. : MSB-15EXL42_51-501	DATE : 2015-10-14
SUBJECT : Error in writing of the caution statement about the maintenance of the multi around monitor		<DESTINATION/MODEL> (As per attached sheet 2) <M/Y> 16
GROUP : Gr:42(Body) / Gr:51(Exterior)		Outlander PHEV(GG0W)

1. Description :

Please refer to the attached document for the correction of the error in writing existing in the applicable service manual.
(Incorrect) : **Always** calibrate the monitor
↓
(Correct) : **If necessary**, calibrate the monitor

2. Affected service manuals :
Please refer to the attached document (Attached sheet 2)

3. About the details :

Please refer to the attached document (Attached sheet 4-5)

4. Affected time :
From the vehicles of 16MY

Attached sheet 2

<For overseas market>

<EU/RUSSIA>

Applicable manual	Pub. No.	Applicable title (INFO ID)	Contents
2016 OUTLANDER/ OUTLANDER PHEV Workshop Manual	CGFE16E1-CD (English) CGFF16E1-CD (French) CGFG16E1-CD (German) CGFS16E1-CD (Spanish) CGFI16E1-CD (Italian) N/A (RUSSIA)	DOOR FIT ADJUSTMENT (M423-00-090-69500-01)	Attached sheet 4 (1/7)
		DOOR ASSEMBLY REMOVAL AND INSTALLATION (M423-00-221-28600-01)	Attached Sheet 4 (2/7)
		TAILGATE ADJUSTMENT <VEHICLES WITHOUT ELECTRIC TAILGATE> (M424-00-090-67600-01)	Attached sheet 4 (2/7)
		TAILGATE REMOVAL AND INSTALLATION <VEHICLES WITHOUT ELECTRIC TAILGATE> (M424-00-111-15900-01)	Attached sheet 4 (3/7)
		TAILGATE ADJUSTMENT <VEHICLES WITH ELECTRIC TAILGATE> (M424-00-090-66500-01)	Attached sheet 4 (4/7)
		TAILGATE REMOVAL AND INSTALLATION <VEHICLES WITH ELECTRIC TAILGATE> (M424-00-111-16000-01)	Attached sheet 4 (5/7)
		FRONT BUMPER ASSEMBLY DISASSEMBLY AND REASSEMBLY (M511-00-163-07200-01)	Attached sheet 4 (6/7)
		DOOR MIRROR REMOVAL AND INSTALLATION (M511-00-641-93600-01)	Attached sheet 4 (7/7)

<AUSTRALIA/NZ>

Applicable manual	Pub. No.	Applicable title (INFO ID)	Content
2016 OUTLANDER PHEV Workshop Manual	<MMAL> AU900504 <NZ> DRAFT	DOOR FIT ADJUSTMENT (M423-00-090-70300-01)	Attached sheet 5 (1/8)
		DOOR ASSEMBLY REMOVAL AND INSTALLATION (M423-00-221-29700-01)	Attached Sheet 5 (2/8)
		TAILGATE ADJUSTMENT <VEHICLES WITHOUT ELECTRIC TAILGATE> (M424-00-090-68700-01)	Attached sheet 5 (3/8)
		TAILGATE REMOVAL AND INSTALLATION <VEHICLES WITHOUT ELECTRIC TAILGATE> (M424-00-111-18200-01)	Attached sheet 5 (4/8)
		TAILGATE ADJUSTMENT <VEHICLES WITH ELECTRIC TAILGATE> (M424-00-090-69800-01)	Attached sheet 5 (5/8)
		TAILGATE REMOVAL AND INSTALLATION <VEHICLES WITH ELECTRIC TAILGATE> (M424-00-111-19300-01)	Attached sheet 5 (6/8)
		FRONT BUMPER ASSEMBLY DISASSEMBLY AND REASSEMBLY (M511-00-163-14600-01)	Attached sheet 5 (7/8)
		DOOR MIRROR REMOVAL AND INSTALLATION (M511-00-641-96900-01)	Attached sheet 5 (8/8)

2. Position the windshield spacer, ensuring that there are no bends or looseness inside the windshield glass.
3. Secure the glass stoppers to the specified positions on the windshield glass.

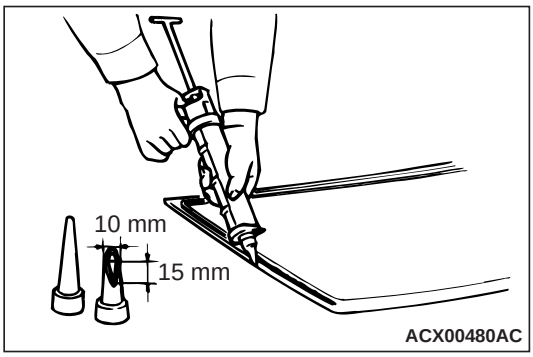
>>B<< WINDSHIELD GLASS INSTALLATION

1. Install the windshield moulding to the windshield glass.
2. To replace the windshield glass, temporarily set the windshield glass against the body, and place mating marks on the body and windshield glass.

⚠ CAUTION

- **The primer strengthens the adhesive, so be sure to apply it. However, too thick application will weaken the adhesive.**
- **Do not touch the coated surface.**
- **Do not apply the primer on the remaining adhesive. The adhesive strength may be weakened.**

3. Soak a sponge in the primer, and apply evenly to the windshield glass and the body in the specified places.
4. After applying the primer, let it dry for 3 minutes or more.



5. Fill a sealant gun with adhesive. Then apply the adhesive evenly around the windshield glass within 30 minutes after the primer application.

   NOTE: Cut the tip of the sealant gun nozzle into a V-shape to simplify adhesive application.
6. After applying the adhesive, align the mating marks on the windshield glass and the body, and then press the windshield glass gently to seat it.
7. Use spatula or the like to remove any excessive adhesive. Then clean the surface with parts cleaner (MZ100387 or equivalent). Leave the vehicle stationary until the adhesive sets (Refer to Window Glass Installation).

⚠ CAUTION

- **Move the vehicle carefully.**
- **When testing for water leakage, do not pinch the end of the hose to spray the water.**

8. Wait 30 minutes or more, and then test for water leakage.

>>C<< WIRING HARNESS CLIP INSTALLATION

Tie the heated wire harness with a cable tie.

INSPECTION EMBLEM REMOVAL AND INSTALLATION

1. Use your hands or a plastic spatula to remove the inspection emblem.
2. Remove the remaining adhesive using diluted mild detergent for home use or inorganic solution (alcohol).
3. Attach the new inspection emblem to the specified position.

DOOR

ON-VEHICLE SERVICE

DOOR FIT ADJUSTMENT

M1423000900695

⚠ CAUTION

When you adjust any of the doors, you should check the camera image on the multi around monitor "Bird-eye view." ~~Always~~ calibrate the monitor <vehicle with multi around monitor>.

<Incorrect>

<Correct>

If necessary,

DOOR ASSEMBLY

DOOR ASSEMBLY REMOVAL AND INSTALLATION

⚠ CAUTION

When you adjust or replace any of the doors, you should check the camera image on the multi around monitor "Bird-eye view." ~~Always~~ calibrate the monitor <vehicle with multi around monitor>.

<Incorrect> <Correct>

If necessary,

TAILGATE <VEHICLES WITHOUT ELECTRIC TAILGATE>

ON-VEHICLE SERVICE

TAILGATE ADJUSTMENT

⚠ CAUTION

When you have adjusted the striker so that it is engaged with the latch properly and adjusted the tail-gate height, you should check the camera image on the multi around monitor "Bird-eye view." ~~Always~~ calibrate the monitor. <Vehicles with multi around monitor>

<Correct>

If necessary,

<Incorrect>

TAILGATE

REMOVAL AND INSTALLATION

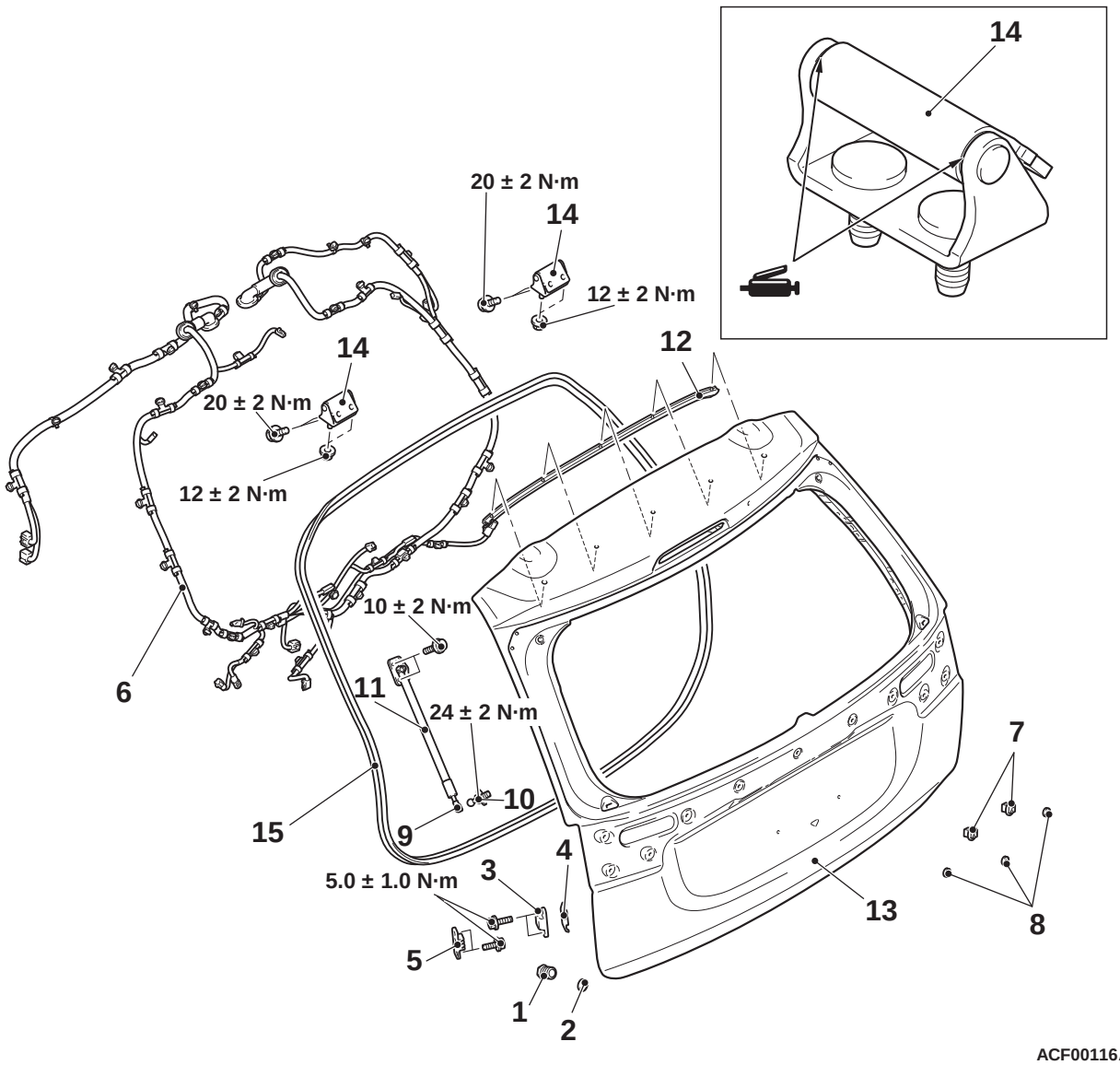
M1424001101159

⚠ CAUTION

When you remove/install or replace the tailgate assembly, you should check the camera image on the multi around monitor "Bird-eye view." ~~Always~~ calibrate the monitor. <Vehicles with multi around monitor>

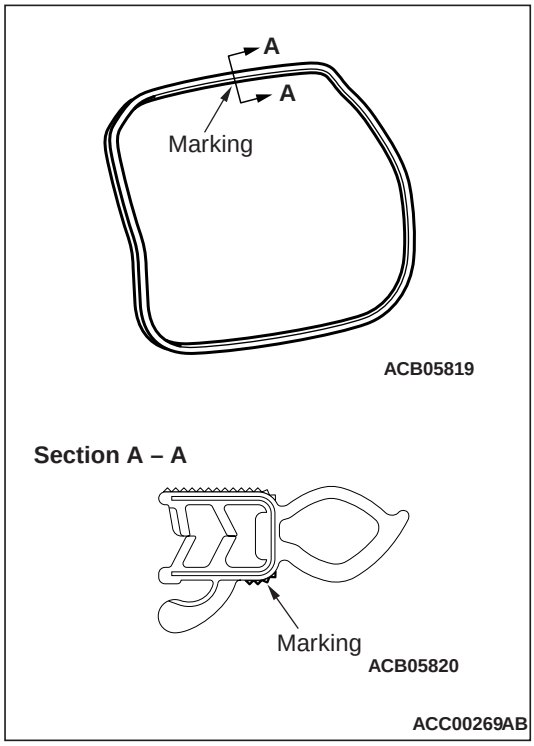
<Incorrect> **If necessary,** <Correct>

Pre-removal operation	Post-installation operation
• Tailgate trim removal (Refer to GROUP 52A – Tailgate Trim .) • Rear wiper blade assembly, rear wiper motor and rear washer hose removal (Refer to GROUP 51 – Rear Wiper and Washer .) • High-mounted stop lamp assembly removal (Refer to GROUP 54A – High-mounted Stop Lamp .) • Tailgate garnish removal (Refer to GROUP 51 – Tailgate Garnish .) • Tailgate window glass removal (Refer to .)	• Tailgate alignment (Refer to .) • Adjustment of tailgate height (Refer to .) • Tailgate window glass installation (Refer to .) • Tailgate garnish installation (Refer to GROUP 51 – Tailgate Garnish .) • High-mounted stop lamp assembly installation (Refer to GROUP 54A – High-mounted Stop Lamp .) • Rear wiper blade assembly, rear wiper motor and rear washer hose installation (Refer to GROUP 51 – Rear Wiper and Washer .) • Tailgate trim installation (Refer to GROUP 52A – Tailgate Trim .)



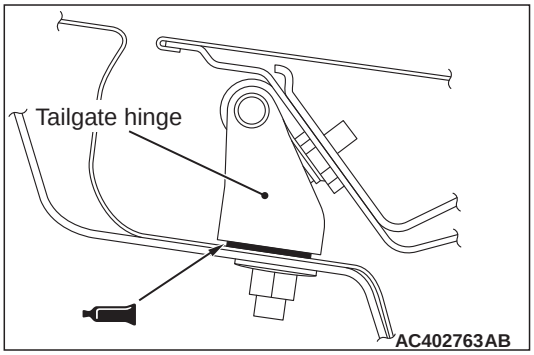
INSTALLATION SERVICE POINTS

>>A<< TAILGATE OPENING WEATHERSTRIP INSTALLATION



The marking on the tailgate opening weatherstrip should be positioned at the centre of the body.

>>B<< TAILGATE HINGE INSTALLATION



Apply the specified sealant to the tailgate hinge mounting surface, and install the tailgate hinge.

Specified Adhesive: 3M ATD Part No.8531 Heavy drip check sealer, 3M ATD Part No.8646 Automotive joint and seam sealer or equivalent

TAILGATE <VEHICLES WITH ELECTRIC TAILGATE>

ON-VEHICLE SERVICE

TAILGATE ADJUSTMENT

M1424000900665

⚠ CAUTION

When you have adjusted the striker so that it is engaged with the latch properly and adjusted the clearance between the tailgate and the body, you should check the camera image on the multi around monitor "Bird-eye view." ~~Always~~ calibrate the monitor <vehicle with multi around monitor>.

<Incorrect>

<Correct>

If necessary,

TAILGATE

REMOVAL AND INSTALLATION

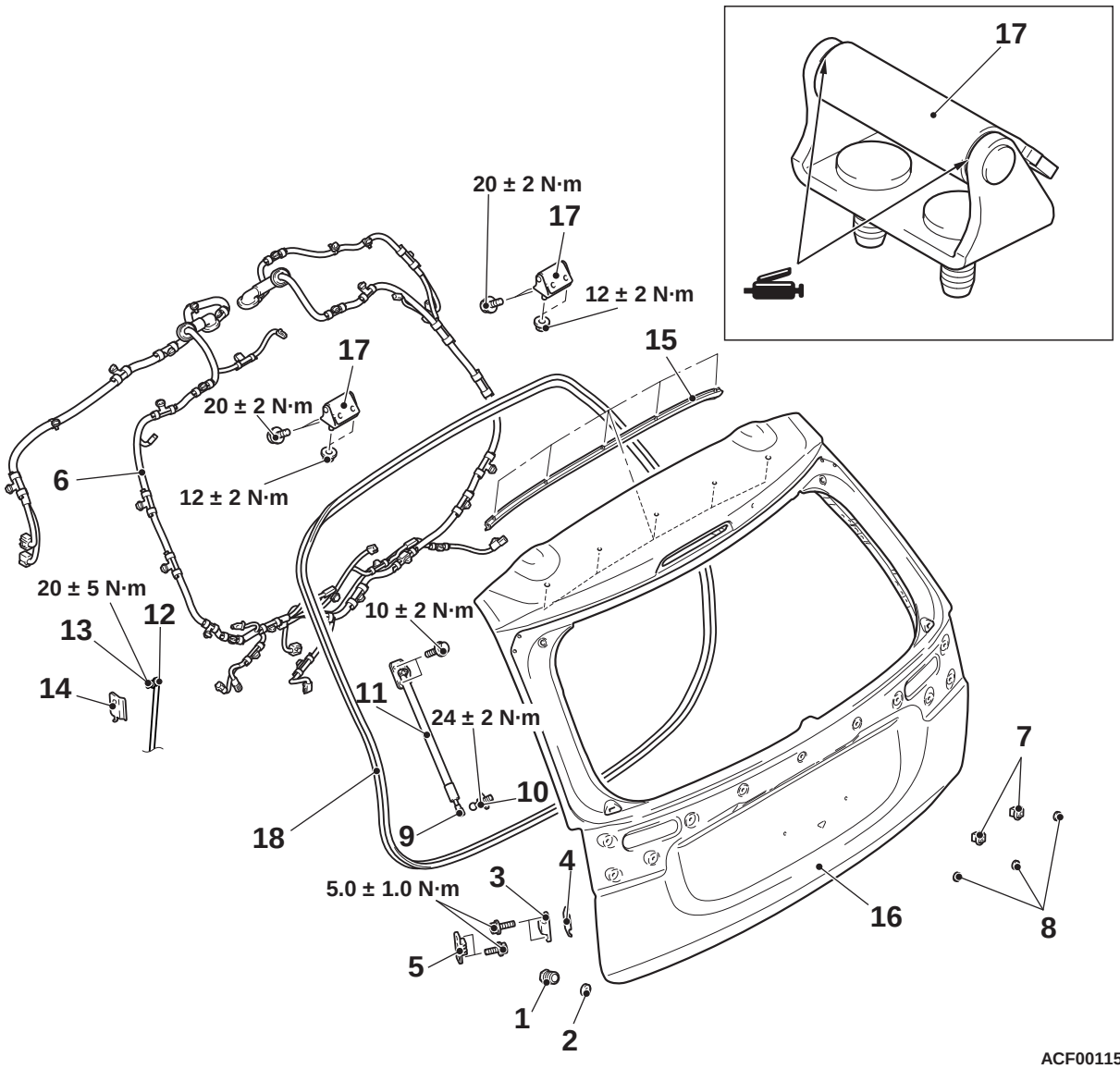
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⚠ CAUTION

When you adjust or replace any of the tailgate assembly, you should check the camera image on the multi around monitor "Bird-eye view." ~~Always~~ calibrate the monitor <vehicle with multi around monitor>.

<Incorrect> **If necessary,** <Correct>

Pre-removal operation	Post-installation operation
• Tailgate trim removal (Refer to GROUP 52A – Tailgate Trim .) • Rear wiper blade assembly, rear wiper motor and rear washer hose removal (Refer to GROUP 51 – Rear Wiper and Washer .) • High-mounted stop lamp assembly removal (Refer to GROUP 54A – High-mounted Stop Lamp .) • Tailgate garnish removal (Refer to GROUP 51 – Tailgate Garnish .) • Tailgate window glass removal (Refer to .)	• Tailgate alignment (Refer to .) • Adjustment of tailgate height (Refer to .) • Tailgate window glass installation (Refer to .) • Tailgate garnish installation (Refer to GROUP 51 – Tailgate Garnish .) • High-mounted stop lamp assembly installation (Refer to GROUP 54A – High-mounted Stop Lamp .) • Rear wiper blade assembly, rear wiper motor and rear washer hose installation (Refer to GROUP 51 – Rear Wiper and Washer .) • Tailgate trim installation (Refer to GROUP 52A – Tailgate Trim .)



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DISASSEMBLY AND REASSEMBLY

<Correct>
If necessary,

⚠ CAUTION

<Incorrect>

- **When you remove/install or replace the camera, you should check the camera image on the multi around monitor "Bird-eye view." ~~Always~~ calibrate the monitor (Refer to GROUP 54A – On-vehicle service, How to calibrate Multi Around Monitor). <Vehicles with multi around monitor>**
- **To ensure the camera image is clearly visible, wipe the lens with a damped rag and then a dry rag to remove dust, rain drops or snow.**
- **Be careful not to damage the camera. Any damage may have an adverse effect on the screen image.**

Pre-removal Operation Headlamp washer removal (Refer to .)	**Post-installation Operation** • Headlamp washer installation (Refer to .) • Front Fog Lamp Aiming Adjustment (Refer to GROUP 54A, Fog Lamp – On-vehicle Service). • Multi around monitor calibration (Refer to GROUP 54A, How to calibrate the multi around monitor).

Attached sheet 4 (7/7)

OUTSIDE MIRROR

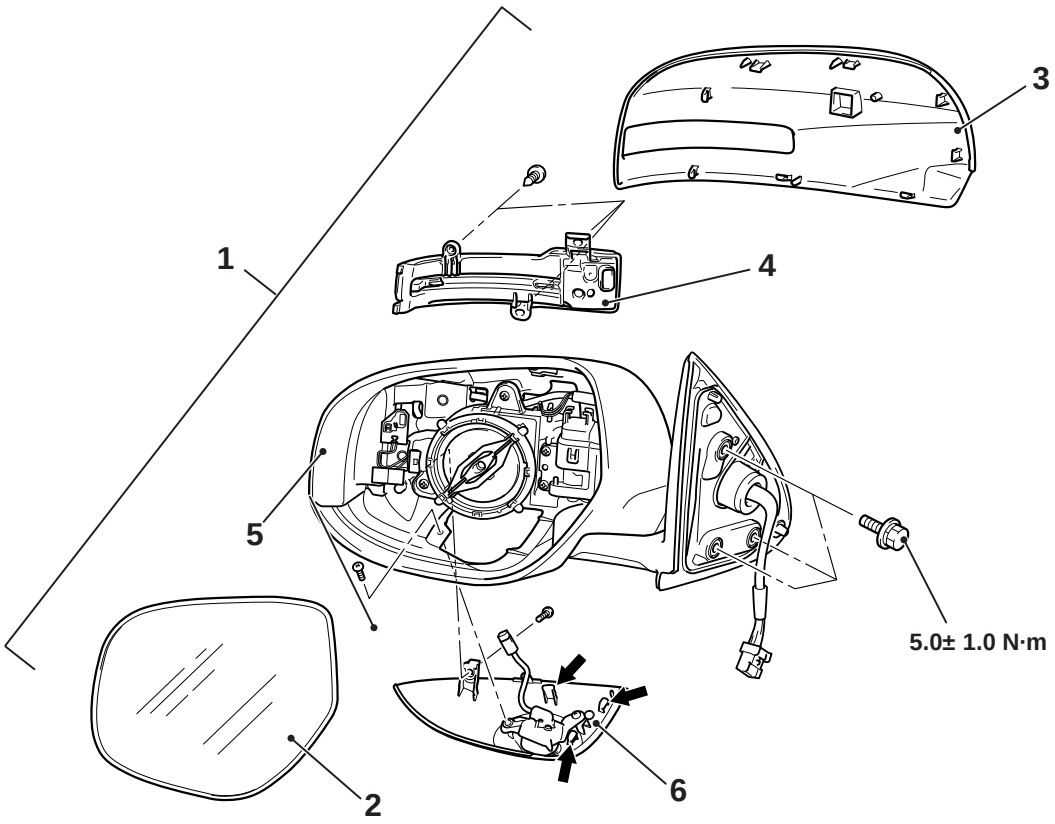
REMOVAL AND INSTALLATION

<Correct>
If necessary,

⚠ CAUTION

<Incorrect>

- **When you remove/install or replace the camera, you should check the camera image on the multi around monitor "Bird-eye view." Always calibrate the monitor (Refer to GROUP 54A – On-vehicle service, How to calibrate Multi Around Monitor). <Vehicles with multi around monitor>**
- **To ensure the camera image is clearly visible, wipe the lens with a damped rag and then a dry rag to remove dust, rain drops or snow.**
- **Be careful not to damage the camera. Any damage may have an adverse effect on the screen image.**



⬅ : Claw positions

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Door mirror assembly removal steps

- Front door sash trim (Refer to GROUP 52A, Door Trim)
- Front door trim (Refer to GROUP 52A, Door Trim)
- Door mirror connector connection

1. Door mirror assembly

Door mirror housing removal steps

2. Mirror
3. Door mirror outer cover
4. Side turn-signal lamp assembly
5. Door mirror housing
6. Side view camera cover <vehicles with multi around monitor>

Remote controlled mirror switch removal steps

- Remote controlled mirror switch (Refer to GROUP 52A, Door Trim .)

Terminal No.	Terminal code	Check item	Check condition	Normal condition
21	–	–	–	–
22	D.L	Output to door unlock signal	The central door lock switch is unlocked	1 V or less
			The central door lock switch is turned off	0V
23	D.UL	Output to door lock signal	The central door lock switch is locked	1 V or less
			The central door lock switch is turned off	0V
24	–	–	–	–

ON-VEHICLE SERVICE

DOOR ADJUSTMENT

M1423000900703

⚠ CAUTION

When you adjust any of the doors, you should check the camera image on the multi around monitor "Bird-eye view." Always calibrate the monitor <vehicle with multi around monitor>.

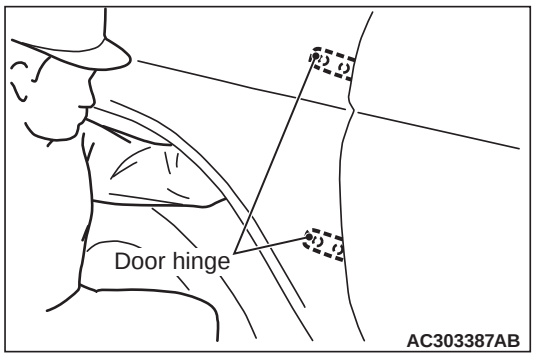
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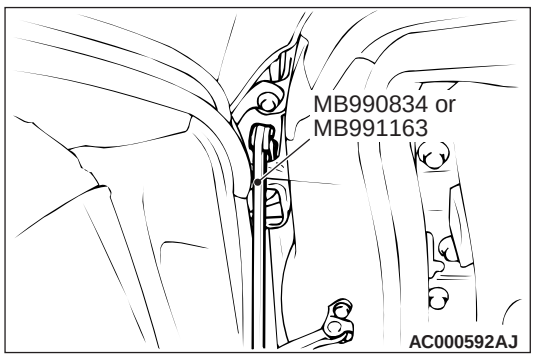
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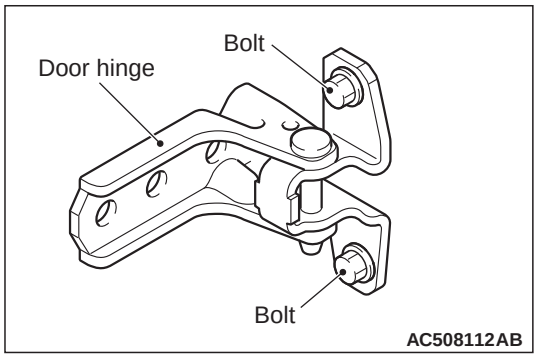
⚠ CAUTION

Do not apply 98 N·m or more to the door hinge adjusting wrench (Special tool: MB991163).

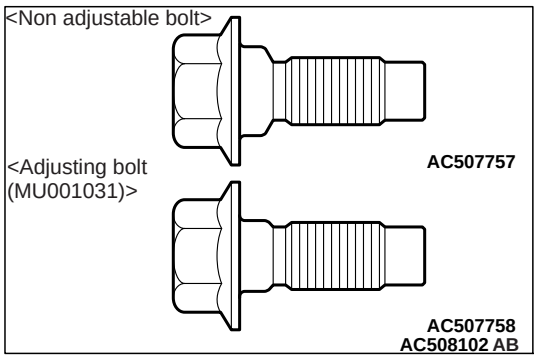




1. When the clearance between the door and the body is uneven:
   (1) Apply protective tape to the fender around the hinge installation position and door edge.
   (2) Remove the splash shield <Front door> (Refer to P.42A-11).
   (3) Remove the centre pillar trim <Rear door> (Refer to GROUP 52A – Interior Trim).
   (4) Use the door hinge adjusting wrench (Special tool: MB990834 or MB991163) to loosen the body-side door hinge mounting bolts (mounting nuts for the door upper hinge of the rear door).
   (5) Move the door to adjust the clearance between the door and the body is even.
2. When the door is not flush with the body surface:



   (1) Loosen the door-side hinge mounting bolts.
   (2) Move the door to adjust so that the door is flush with the body surface.



Adjustment item (M.U.T.-III display)	Adjustment item	Adjusting content (M.U.T.-III display)	Adjusting content
Door unlock mode	Adjustment of power door locks with selective unlocking	All Doors Unlock	Without function: The first operation of keyless entry system or unlock operation by KOS unlocks all doors (initial condition).
		Dr Door Unlock	With function: The first operation of keyless entry system or unlock operation by KOS unlocks the driver's door only, and the second unlock operation within 2 seconds after that unlocks all doors.
Timer lock timer	Timer lock period adjustment	30 sec.	30 seconds (initial condition)
		60 sec.	60 seconds
		120 sec.	120 seconds
		180 sec.	180 seconds

DOOR ASSEMBLY

REMOVAL AND INSTALLATION

M1423002201297

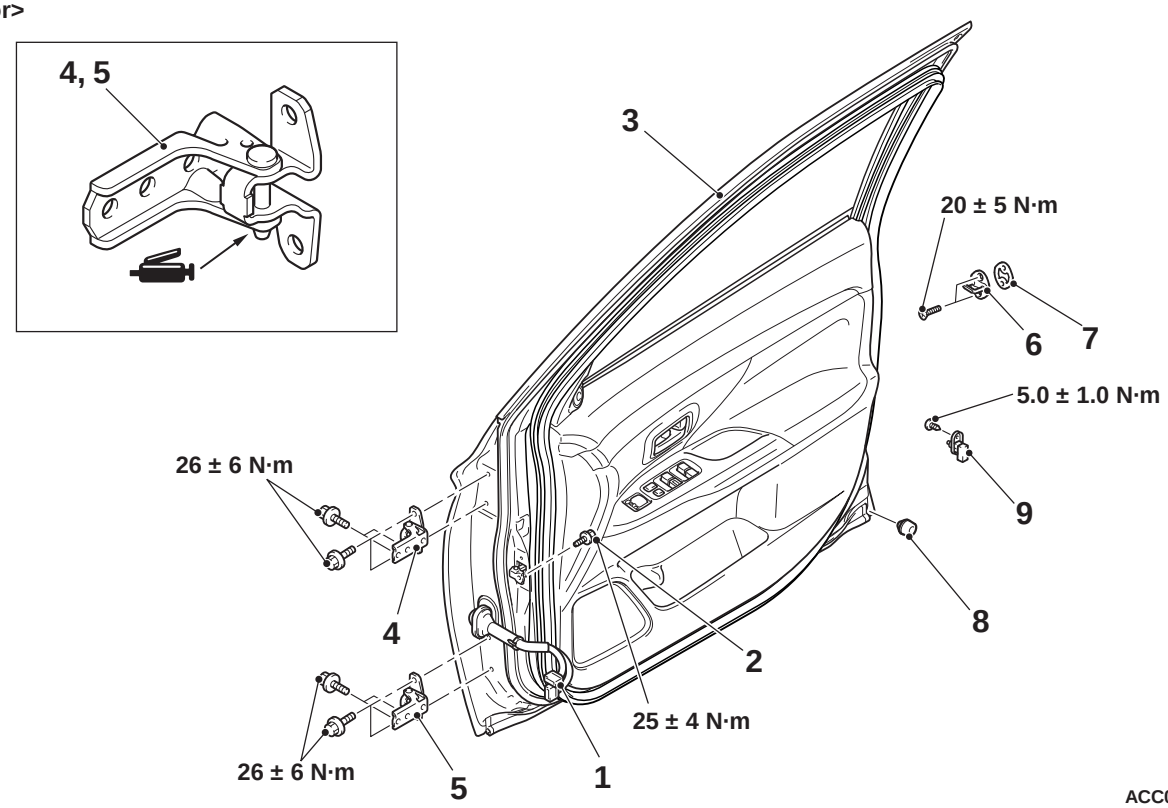
⚠ CAUTION <Incorrect>

When you adjust or replace any of the doors, you should check the camera image on the multi around monitor "Bird-eye view." ~~Always~~ calibrate the monitor <vehicle with multi around monitor>.

If necessary, <Correct>

Post-installation operation
- Door adjustment (Refer to P.42A-46).

<Front door>



TROUBLESHOOTING

M1424000700445

Locking and unlocking of the tailgate is controlled by the central door locking system. For troubleshooting, refer to P.42A-28.

ON-VEHICLE SERVICE

TAILGATE ALIGNMENT

<Correct>

M1424000900687

If necessary,

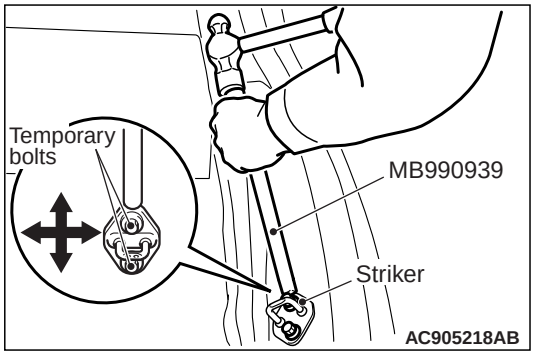
⚠ CAUTION

When you have adjusted the striker so that it is engaged with the latch properly and adjusted the tailgate height, you should check the camera image on the multi around monitor "Bird-eye view." Always calibrate the monitor. <Vehicles with multi around monitor>

<Incorrect>

ADJUSTMENT OF ENGAGEMENT BETWEEN STRIKER AND LATCH

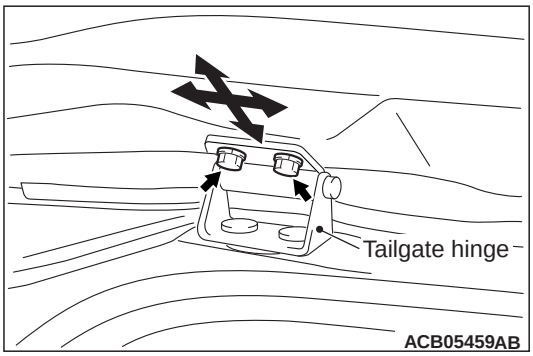
1. Remove the rear end trim (Refer to GROUP 52A – Interior Trims).



2. Replace the striker mounting screws with temporary bolts, and use the remover bar (special tool: MB990939) and a hammer to tap the temporary bolt to the desired direction.
3. Tighten the striker mounting screws.

   Tightening torque: 22 ± 3 N·m
4. Install the rear end trim (Refer to GROUP 52A – Interior Trims).

ADJUSTMENT OF CLEARANCE BETWEEN TAILGATE AND BODY

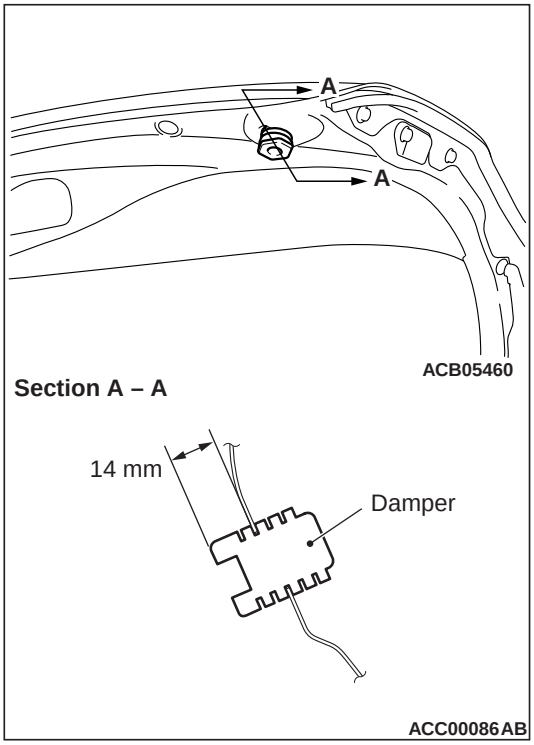


1. Loosen the tailgate hinge mounting bolts to adjust the clearance between the tailgate and body.
2. Tighten the tailgate hinge mounting bolts.

   Tightening torque: 12 ± 2 N·m

ADJUSTMENT OF TAILGATE HEIGHT

M1424003500462



Rotate the damper by using the arrow mark on the damper as a guide to adjust the tailgate height. The damper height is altered by roughly 4 mm when it is rotated once.

NOTE: If a rattling noise is heard due to the vibration of the tailgate when the vehicle is being driven, adjust the damper height until the damper is seated on the vehicle body. The damper should be seated on the vehicle body regardless of a rattling noise.

TAILGATE

REMOVAL AND INSTALLATION

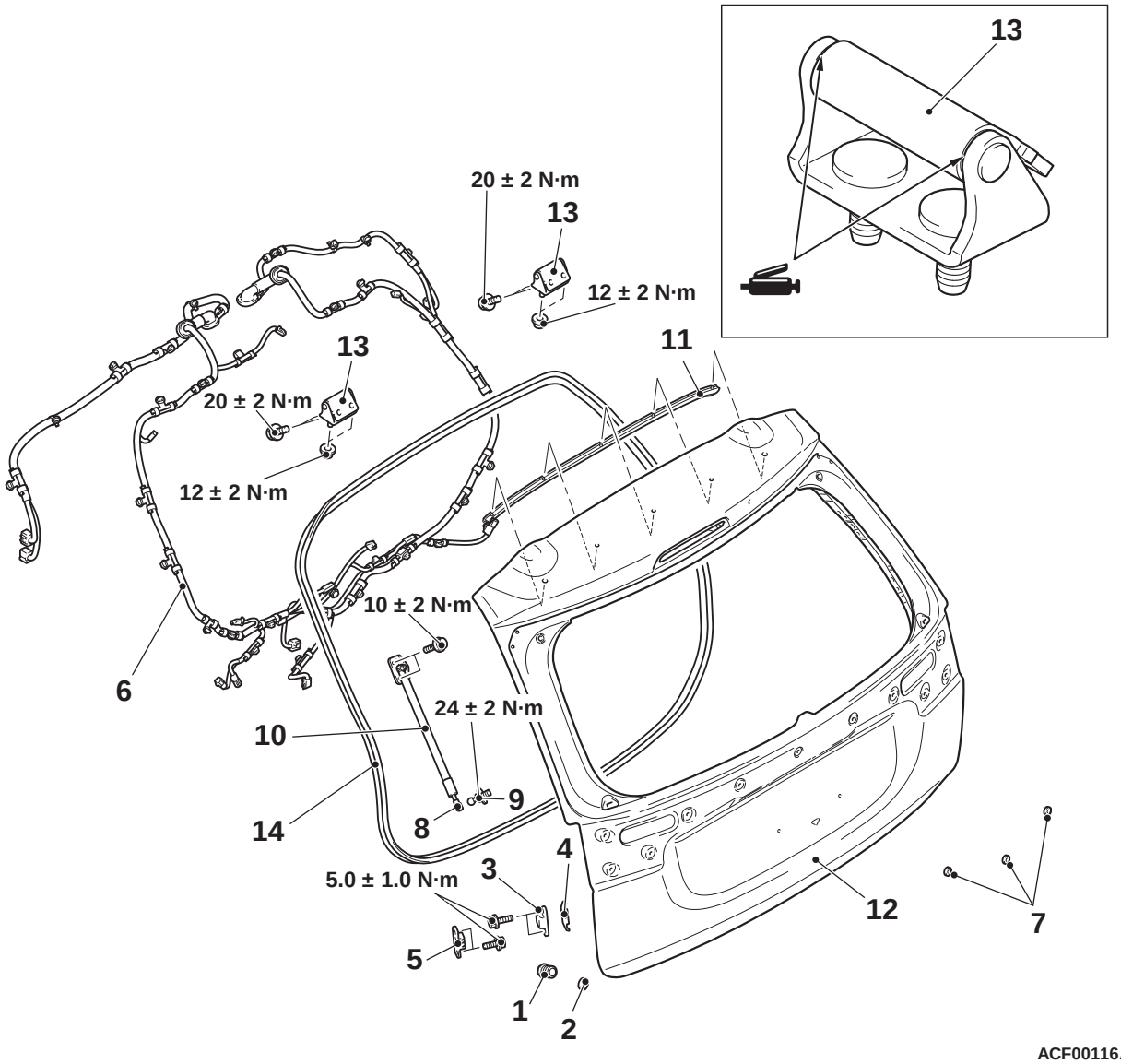
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If necessary,

⚠ CAUTION

When you remove/install or replace the tailgate assembly, you should check the camera image on the multi around monitor "Bird-eye view." ~~Always~~ calibrate the monitor. <Vehicles with multi around monitor>

<Incorrect>

Pre-removal operation	Post-installation operation
• Tailgate trim removal (Refer to GROUP 52A – Tailgate Trim). • Rear wiper blade assembly, rear wiper motor and rear washer hose removal (Refer to GROUP 51 – Rear Wiper and Washer). • High-mounted stop lamp assembly removal (Refer to GROUP 54A – High-mounted Stop Lamp). • Tailgate garnish removal (Refer to GROUP 51 – Tailgate Garnish). • Tailgate window glass removal (Refer to P.42A-22).	• Tailgate alignment (Refer to P.42A-73). • Adjustment of tailgate height (Refer to P.42A-73). • Tailgate window glass installation (Refer to P.42A-22). • Tailgate garnish installation (Refer to GROUP 51 – Tailgate Garnish). • High-mounted stop lamp assembly installation (Refer to GROUP 54A – High-mounted Stop Lamp). • Rear wiper blade assembly, rear wiper motor and rear washer hose installation (Refer to GROUP 51 – Rear Wiper and Washer). • Tailgate trim installation (Refer to GROUP 52A – Tailgate Trim).



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Terminal number	Terminal code	Check items	Check conditions	Normal conditions
19	LTH	Tailgate latch (door-ajar switch) input	Electric tailgate: Open position	1 V or less
20	–	–	–	–
21	–	–	–	–
22	MASW	Electric tailgate main switch input	Electric tailgate main switch: ON	1 V or less
23	OPSW	Electric tailgate switch input	Electric tailgate switch: ON	1 V or less
24	TSL	Tailgate sensor left side input	Tailgate sensor left side: ON	1 V or less
25	TSG	Tailgate sensor earth	Always	1 V or less
26	TSR	Tailgate sensor right side input	Tailgate sensor right side: ON	1 V or less

ON-VEHICLE SERVICE

TAILGATE ALIGNMENT

M1424000900698

ADJUSTMENT OF ENGAGEMENT BETWEEN STRIKER AND LATCH

⚠ CAUTION

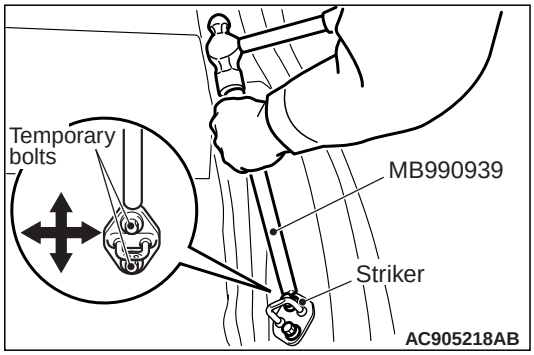
When you have adjusted the striker so that it is engaged with the latch properly and adjusted the clearance between the tailgate and the body, you should check the camera image on the multi around monitor "Bird-eye view." Always calibrate the monitor <vehicle with multi around monitor>.

1. Remove the rear end trim (Refer to GROUP 52A – Interior Trims).

<Incorrect>

If necessary,

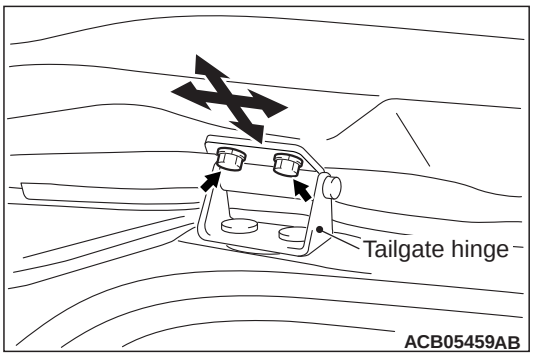
<Correct>



2. Replace the striker mounting screws with temporary bolts, and use the remover bar (special tool: MB990939) and a hammer to tap the temporary bolt to the desired direction.
3. Tighten the striker mounting screws.

   Tightening torque: 22 ± 3 N·m
4. Install the rear end trim (Refer to GROUP 52A – Interior Trims).

ADJUSTMENT OF CLEARANCE BETWEEN TAILGATE AND BODY



1. Loosen the tailgate hinge mounting bolts to adjust the clearance between the tailgate and body.
2. Tighten the tailgate hinge mounting bolts.

   Tightening torque: 12 ± 2 N·m

TAILGATE

REMOVAL AND INSTALLATION

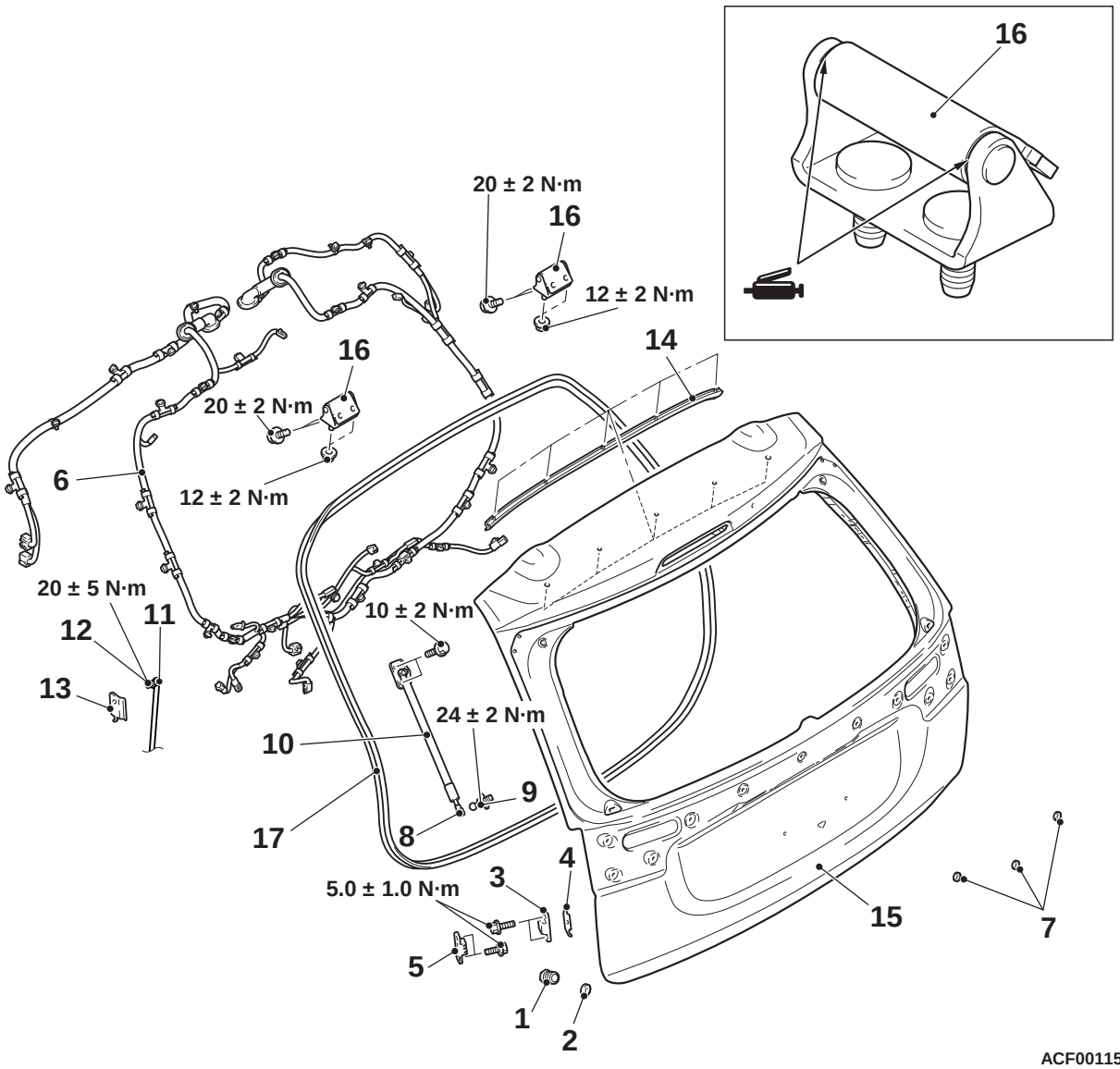
<Correct>
If necessary,

⚠ CAUTION

When you adjust or replace any of the tailgate assembly, you should check the camera image on the multi around monitor "Bird-eye view." ~~Always~~ calibrate the monitor <vehicle with multi around monitor>.

<Incorrect>

Pre-removal operation	Post-installation operation
• Tailgate trim removal (Refer to GROUP 52A – Tailgate Trim). • Rear wiper blade assembly, rear wiper motor and rear washer hose removal (Refer to GROUP 51 – Rear Wiper and Washer). • High-mounted stop lamp assembly removal (Refer to GROUP 54A – High-mounted Stop Lamp). • Tailgate garnish removal (Refer to GROUP 51 – Tailgate Garnish). • Tailgate window glass removal (Refer to P.42A-22).	• Tailgate alignment (Refer to P.42A-115). • Adjustment of tailgate height (Refer to P.42A-73). • Tailgate window glass installation (Refer to P.42A-22). • Tailgate garnish installation (Refer to GROUP 51 – Tailgate Garnish). • High-mounted stop lamp assembly installation (Refer to GROUP 54A – High-mounted Stop Lamp). • Rear wiper blade assembly, rear wiper motor and rear washer hose installation (Refer to GROUP 51 – Rear Wiper and Washer). • Tailgate trim installation (Refer to GROUP 52A – Tailgate Trim).



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Attached sheet 5 (7/8)

DISASSEMBLY AND REASSEMBLY

<Correct>
If necessary,

⚠ CAUTION

<Incorrect>
~~Always~~

- **When you remove/install or replace the camera, you should check the camera image on the multi around monitor "Bird-eye view." Always calibrate the monitor (Refer to GROUP 54A – On-vehicle service, How to calibrate Multi Around Monitor). <Vehicles with multi around monitor>**
- **To ensure the camera image is clearly visible, wipe the lens with a damped rag and then a dry rag to remove dust, rain drops or snow.**
- **Be careful not to damage the camera. Any damage may have an adverse effect on the screen image.**

Pre-removal Operation Headlamp washer removal (Refer to P.51-63.)	**Post-installation Operation** • Headlamp washer installation (Refer to P.51-63.) • Front Fog Lamp Aiming Adjustment (Refer to GROUP 54A, Fog Lamp – On-vehicle Service). • Multi around monitor calibration (Refer to GROUP 54A, How to calibrate the multi around monitor).

Attached sheet 5 (8/8)

Adjustment item (M.U.T.-III display)	Adjustment item	Adjusting content (M.U.T.-III display)	Adjusting content
Multi mode	Multi-mode keyless entry function customisation <Vehicles with electric retractable remote controlled door mirrors>	Disable	No function
		D/M: O&C	Door mirror fold/unfold operation only (initial condition)

OUTSIDE MIRROR

REMOVAL AND INSTALLATION

<Correct>

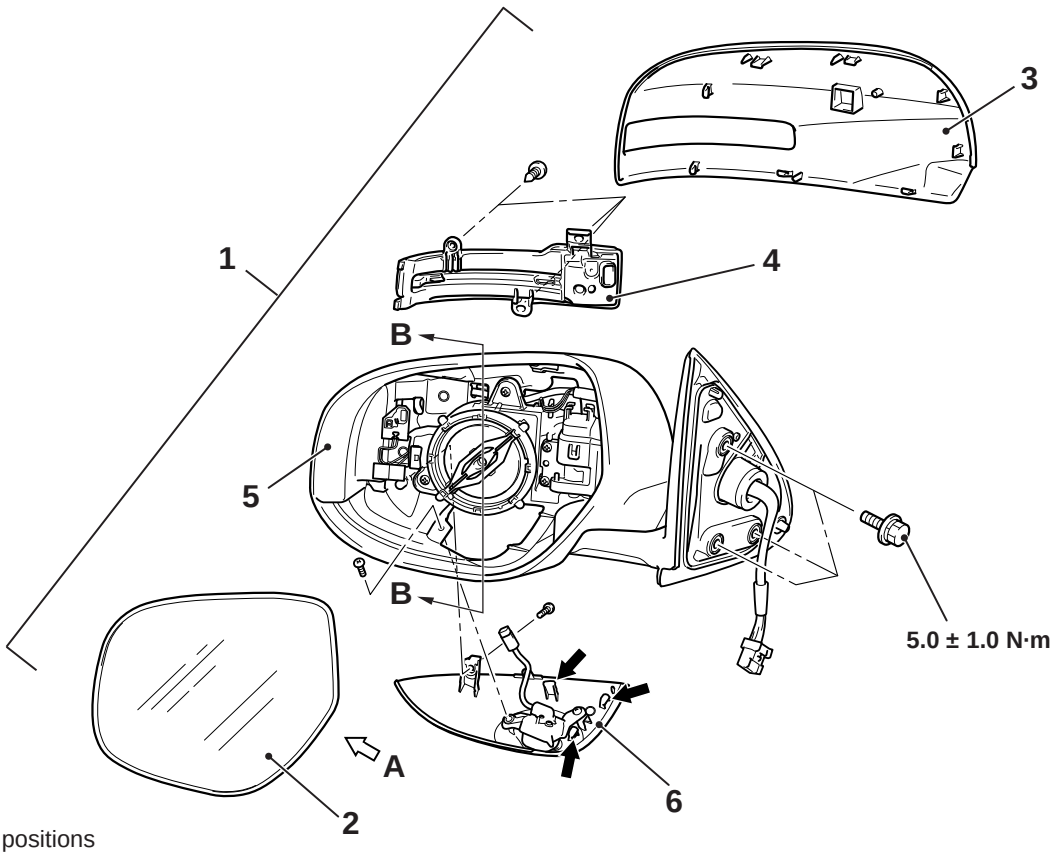
M1511006401969

If necessary,

<Incorrect>

⚠ CAUTION

- **When you remove/install or replace the camera, you should check the camera image on the multi around monitor "Bird-eye view." Always calibrate the monitor (Refer to GROUP 54A – On-vehicle service, How to calibrate Multi Around Monitor). <Vehicles with multi around monitor>**
- **To ensure the camera image is clearly visible, wipe the lens with a damped rag and then a dry rag to remove dust, rain drops or snow.**
- **Be careful not to damage the camera. Any damage may have an adverse effect on the screen image.**



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