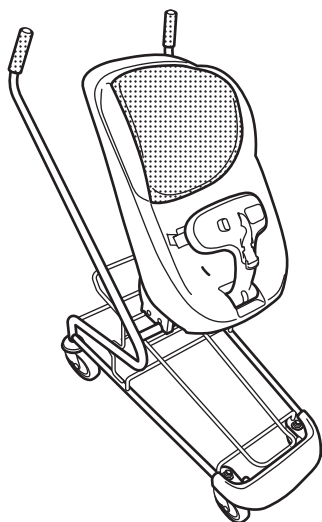
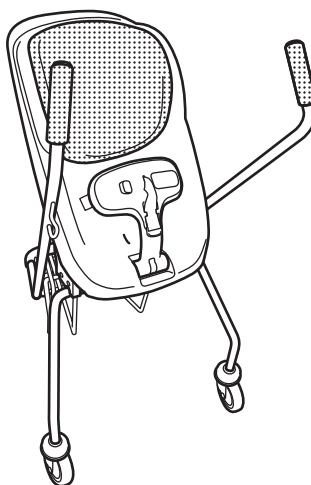


# Combi ANGEL WAGON **AW5/6 Series** Instruction Manual / Inspection Manual

AW5 Series (Forward Facing Type)



AW6 Series (Rear Facing Type)



This manual describes the information required to use the Combi ANGEL WAGON AW5/6 Series safely and easily. Before use, carefully read this manual to correctly use and inspect the cart. After reading, keep this manual for future reference.

## CombiWith Corporation

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# Combi ANGEL WAGON AW5/6 Series Instruction Manual

## 1 Product Application

- The Combi ANGEL WAGON AW5/6 Series (hereinafter, this product) is a single-seat shopping cart to seat a child while shopping at retailers.

## 2 Safety Guidelines for Using the Product

- If the product is not used in compliance with the content of this instruction manual, it may cause a risk of injury to the child or the user or a risk of property damage. The content related to safety is separated into Warnings and Cautions depending on the severity of the risk. Read these guidelines before use and observe them to ensure safety.



### Warning

- This indicates that ignoring this warning or mishandling it incorrectly may result in death or serious injury.



### Caution

- This indicates that ignoring this caution or handling it incorrectly may result in personal injury or property damage.

## 3 Precautions for Shop Owners



### Warning

- Do not modify the product.**  
Otherwise, the strength of the product may decrease, which may lead to an accident.
- Carry out daily inspection, as well as periodic inspection once every 6 months, to ensure safety.**  
If the inspections are not carried out, degradation or damage of the product may not be discovered, which may lead to injuries or serious accidents.
- Remove any damaged product.**  
If a customer uses a damaged product by mistake, or if a child plays with it, it may result in an injury or a serious accident.
- Do not use the product for a different purpose, such as carrying heavy loads.**  
Otherwise, it may damage the product.

For the inspection methods, refer to the Inspection manual on page 8 of this document.



### Caution

- Do not leave the product outside the shop or in a parking lot.**  
Otherwise, it may be damaged or cause an accident by being hit by a car or people.
- Do not leave the product in the rain.**  
Otherwise, it may rust or get dirty.

The product is a shopping cart for children to sit on. Wipe it regularly to keep it clean. Also clean the product after carrying out an inspection or part replacement to remove the dirt generated by such work.

## Cleaning Method

### Regular cleaning method

Wipe the product with a cloth dampened with diluted neutral detergent, then with a cloth dampened with water, and finally with a dry cloth to completely remove remaining detergent and water.

### Seat-unit\* cleaning method

#### Cleaning with alcohol for sterilization

Use a cloth soaked in alcohol for sterilization (concentration: 80% or less) to wipe the product. Furthermore, wipe the product with a cloth dampened with water, and then with a dry cloth, to remove moisture.

\*Do not spray alcohol directly to the seat-unit.

#### Cleaning with sodium hypochlorite

Use a cloth soaked in diluted sodium hypochlorite (concentration: 0.02% (200 ppm) or less) to wipe the product. Furthermore, wipe the product with a cloth dampened with water, and then with a dry cloth, to remove moisture.

\*Do not spray sodium hypochlorite directly to the seat-unit.



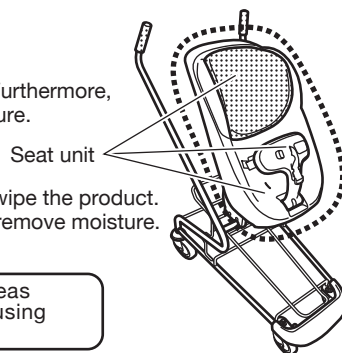
### Caution

Do not use alcohol for sterilization or sodium hypochlorite on areas other than the seat-unit. This may damage parts, such as by causing degradation, discoloration, or cracks.



### Caution

Do not use unspecified detergents or chemicals (such as benzene or thinners). This may damage parts, such as by causing degradation, discoloration, or cracks.



Seat unit

\*The seat unit consists of the seat and the guard.

## 4 Product Specifications

Product Type		AW5 Series (Forward Facing Type) *The child faces the same direction.		AW6 Series (Rear Facing Type) *The child faces the customer caregiver.	
Product Code	Product Name	AW51CC2	Combi ANGEL WAGON AW51CC2 Antistatic	AW61CC2	Combi ANGEL WAGON AW61CC2 Antistatic
		AW51CC4	Combi ANGEL WAGON AW51CC4 Antistatic	AW61CC4	Combi ANGEL WAGON AW61CC4 Antistatic
		AW51 Tente AS	Combi ANGEL WAGON AW51 Tente 125 Auto Slope		
		AW51 Hammer AS	Combi ANGEL WAGON AW51 Hammer 100 Auto Slope		
		AW51ST	Combi ANGEL WAGON AW51 100 Stopper	AW61ST	Combi ANGEL WAGON AW61 100 Stopper
Applicable Ages/Height		From 2 months to 4 years old (48 months) / Up to 103 cm (3'5")			
Weight Limit		18 kg or less			
External Dimensions (standard specifications)		Seat in the full upright position W 572 × D 922 × H 1,089 mm Seat in the fully reclined position W 572 × D 976 × H 1,089 mm		Seat in the upright or flat position W 613 × D 847 × H 1,095 mm	
Nesting Pitch		233 mm			
Weight (standard specifications)		15 kg		13 kg	
Color		White			
Main Materials		Body: Steel (rust-proof), seat unit: polypropylene, headrest: thermoplastic elastomer			
Optional		Umbrella holder    *For caster options, see page 4, "Caster types"			
Lifetime		5 years; the product must be replaced at the end of the lifetime.			
Shopping Basket Dimensions		Length: 410 to 510 mm, width: 300 to 360 mm, height: 270 mm or less *The basket dimensions differ from the abovementioned cannot be placed in the bottom basket space.			
Usage Location		Indoors			

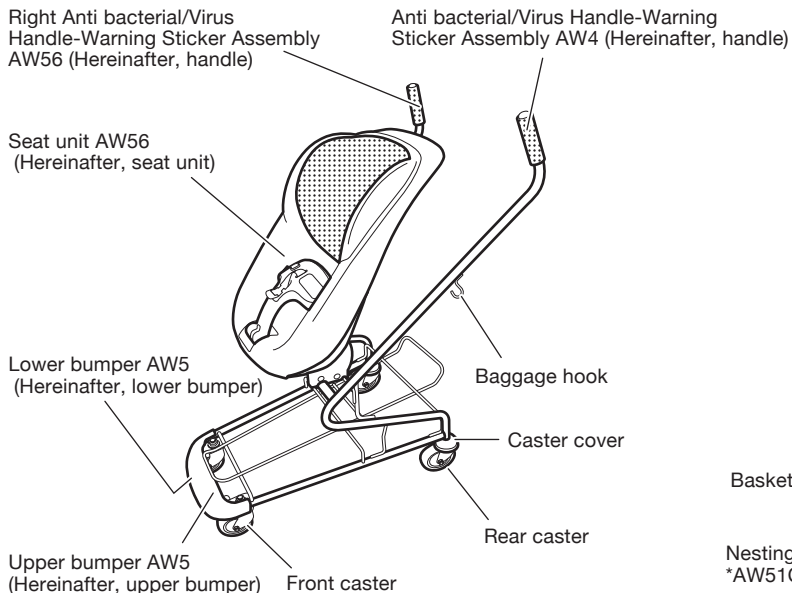
\*Product specifications are subject to change without notice.

\*When disposing of the product, use an appropriate method according to the local legislation on waste disposal.

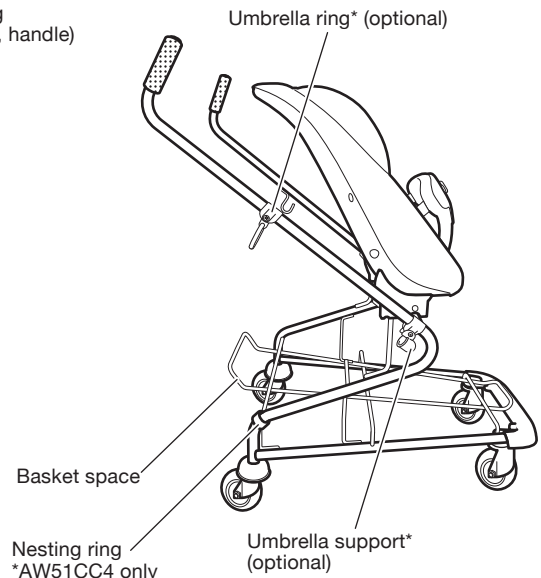
\*The product external dimensions and weight are approximate values.

## 5 Part Names

### AW5 Series (Forward Facing Type)

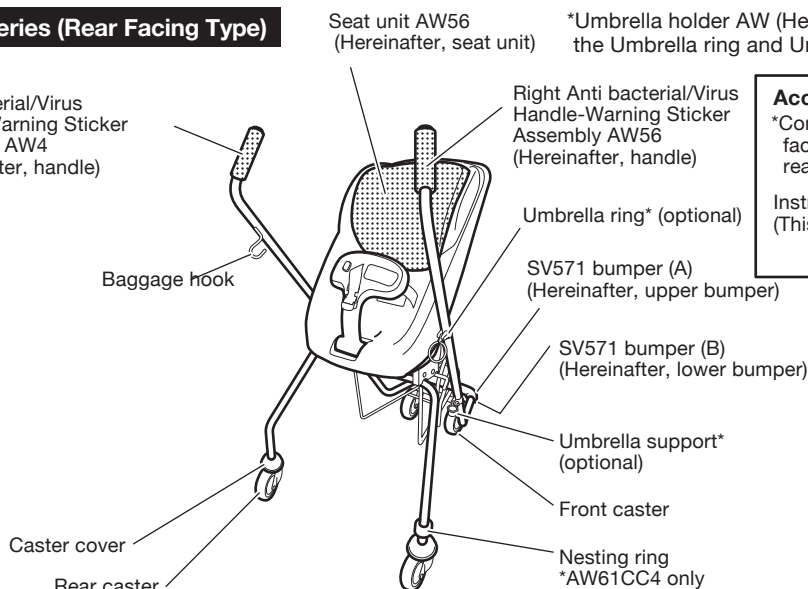


\*Umbrella holder AW (Hereinafter, umbrella holder) combines the Umbrella ring and Umbrella support.



## AW6 Series (Rear Facing Type)

Anti bacterial/Virus  
Handle-Warning Sticker  
Assembly AW4  
(Hereinafter, handle)

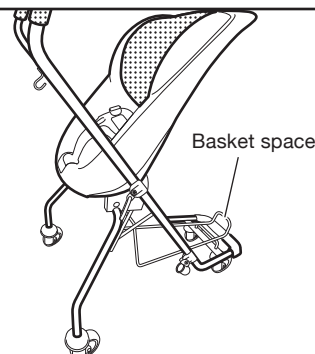
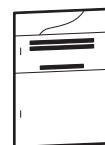


\*Umbrella holder AW (Hereinafter, umbrella holder) combines the Umbrella ring and Umbrella support.

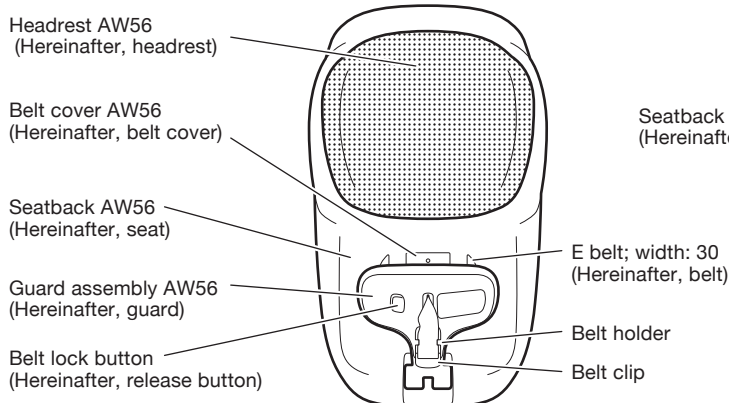
### Accessories

\*Common to the forward facing type and the rear facing type

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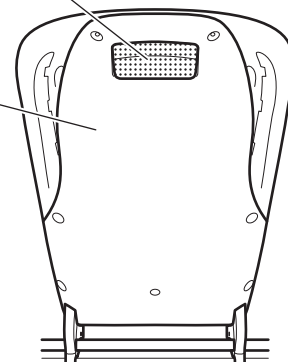


## Seat unit \*Common to Forward Facing Type and Rear Facing Type



R lever (Hereinafter, reclining lever)

Seatback cover AW56  
(Hereinafter, seatback cover)



## Caster type

Product Type	AW5 Series (Forward Facing Type)		AW6 Series (Rear Facing Type)	
Product Name Caster Type	Combi ANGEL WAGON AW51CC2 Antistatic	Low-noise casters; front-wheel assembly / Antistatic casters; rear-wheel assembly (Hereinafter, CC2 Antistatic casters (dia. 100))	Combi ANGEL WAGON AW61CC2 Antistatic	Low-noise casters; front-wheel assembly / Antistatic casters; rear-wheel assembly (Hereinafter, CC2 Antistatic casters (dia. 100))
	Combi ANGEL WAGON AW51CC4 Antistatic	Antistatic casters; front-wheel assembly / Antistatic casters; rear-wheel assembly (Hereinafter, CC4 Antistatic caster (dia. 100))	Combi ANGEL WAGON AW61CC4 Antistatic	Antistatic casters; front-wheel assembly / Antistatic casters; rear-wheel assembly (Hereinafter, CC4 Antistatic caster (dia. 100))
	Combi ANGEL WAGON AW51 Tente 125 for auto slope (optional)	Tente AS caster front-wheel R/L set / Tente AS caster rear-wheel R/L set (Hereinafter, casters for auto slopes (dia. 125))	_____	
	Combi ANGEL WAGON AW51 Hammer 100 for auto slope (optional)	Hammer AS caster front-wheel R/L set / Hammer AS caster rear-wheel R/L set (Hereinafter, casters with stopper (dia. 100))	_____	
	Combi ANGEL WAGON AW51 100 Stopper (optional)	Hammer casters with stopper; front-wheel/rear-wheel set (Hereinafter, casters with stoppers (dia. 100))	Combi ANGEL WAGON AW61 100 stopper (optional)	Hammer casters with stopper; front-wheel/rear-wheel set (Hereinafter, casters with stoppers (dia. 100))

## 6 How to Use

Use the product correctly by following the warning instructions below.

### Warning

- **Never leave the cart with the child seated in it.**  
Otherwise, your child may fall or result in an accident.
  - **Be sure to fasten the guard during use (Tighten as an adult's finger can fit in).**  
The child may fall if the guard is not correctly fastened.
  - **Do not use the product on escalators or auto slope\*.**  
(\*Except when using the casters for auto slope.)  
Otherwise, it may cause an unexpected accident, such as the product tipping over.
  - **Do not push down the top of the seat back strongly.**  
Otherwise, the seat may get damaged, and your child may fall or result in an accident.
  - **Do not place your child or any load onto top of the seat back.**  
Otherwise, the seat may get damaged, and your child may fall or result in an accident.
  - **Seat the child in the seat. Do not place them in a shopping basket or on the loading space.**  
Otherwise, your child may fall or result in an accident.
  - **Make sure that the child does not stand up from the seat, fall from the seat, or put fingers or hands in moving parts.**
  - **Do not allow the child to play with the product or to hang from a basket or handle.**  
Otherwise, it may cause an unexpected accident, such as the product tipping over.
  - **The seat must be used in the upright position if the head of the child is higher than the seat back**  
Otherwise, your child may have an accident, such as hitting their head on a wall or in-store display.
  - **Use the seat in the lowest position until your child can sit unassisted (until about 7 months old).**  
An unexpected accident may occur if you move the product while your child cannot sit in a stable position.
  - **Do not overload the shopping basket or severely unbalance the cart.**  
Otherwise, it may cause an unexpected accident, such as the product tipping over.
  - **When using the umbrella holder, make sure that the umbrella handle or cane does not hit your surrounding objects.**
  - **Report to the shop if you notice a deformation or damage on the product.**
  - **Do not use the product on an uneven floor.**  
Otherwise, the product may tip over and your child may fall or result in an accident.
- <When using the casters for auto slope>
- **Do not release your hands from the handles when using the product on an auto slope.**
  - **Leave a space of at least two meters between your cart and the cart in front of you.**  
Otherwise, the product may hit another cart and tip over, which may cause your child to fall or result in an accident.
  - **Move straight when getting off.**  
Otherwise, the product may be caught in auto slope and tip over, and your child may fall or result in an accident.

## Correct Usage Method

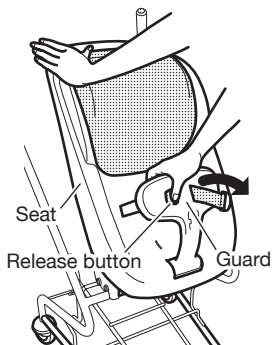
\*The illustration shows the AW5 Series (Forward facing type). The usage method for the AW6 Series (Rear facing type) is the same.

### Operating the guard

#### Warning

- The seat must be used in the upright position if the head of the child is higher than the seat back.
- Be sure to fasten the guard during use (Tighten as an adult's finger can fit in).

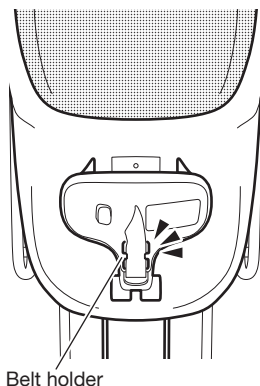
- 1** Press the release button and open the guard completely while holding the seat in place.



- 2** After seating the child, pull the belt firmly while pushing the guard with one hand.



- 3** Store the free end of the belt in the belt holder.



- 4** When you have finished using the cart, press the release button and pull the guard toward you while holding the seat with one hand.

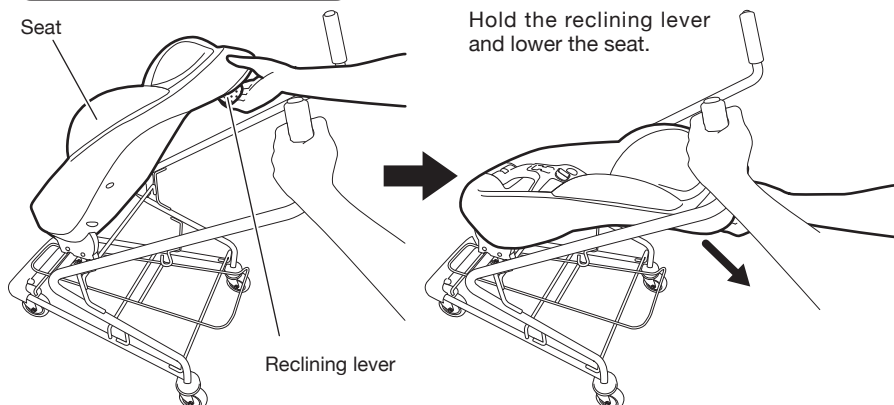


## How to adjust \*There are three reclining positions.

### **Warning**

Use the seat in the most reclined position until your child can sit unassisted (until about 7 months old).

#### When reclining the seat



#### When raising the seat

Push the seat upward.

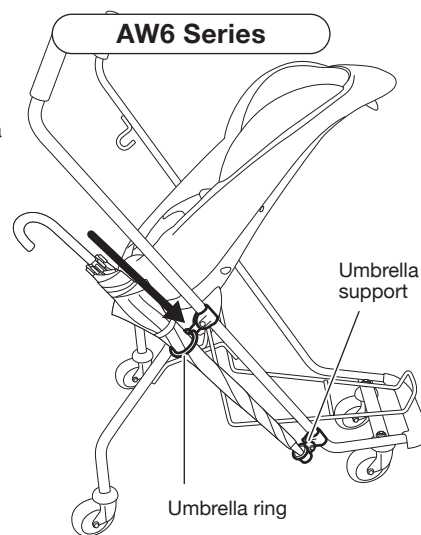
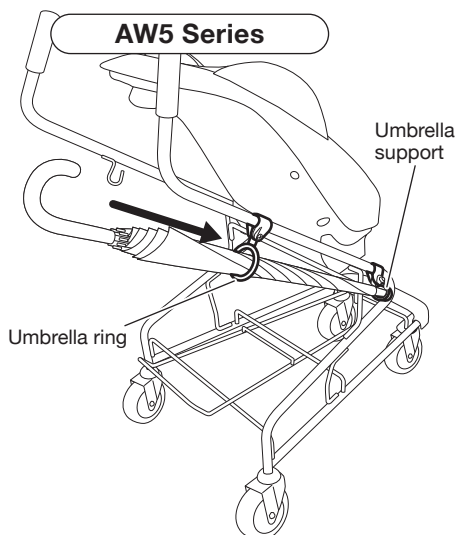


### <When using options>

#### How to use the umbrella holder

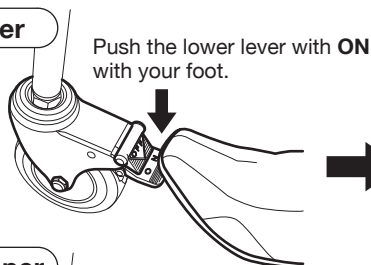
The umbrella holder is installed on the right side of the operator on both the AW5 Series and AW6 Series.

- ① Pass your umbrella through the umbrella ring.
- ② Insert the tip of your umbrella into the umbrella support.



#### How to use the casters with a stopper

##### To lock a stopper

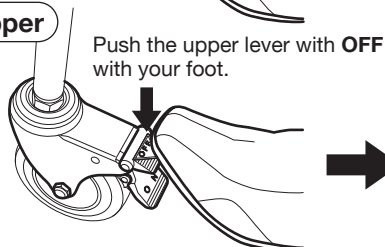


##### With the stopper locked

The upper lever with **OFF** is facing upward.

The lower lever with **ON** is facing downward.

##### To release a stopper



##### With the stopper released

The upper lever with **OFF** is facing downward.

The lower lever with **ON** is facing upward.



# Combi ANGEL WAGON AW5/6 Series Inspection Manual

This manual describes the necessary daily and periodic inspection procedures required to use the Combi ANGEL WAGON AW5/6 Series safely and comfortably.

Be sure to carry out the inspection daily or weekly and the periodic inspection once every 6 months correctly by following the procedures in the manual.

## Warning

Carry out daily inspections, as well as periodic inspections once every 6 months, to ensure safety. If the inspections are not carried out, degradation or damage of the product may not be discovered, which may lead to injuries or serious accidents.

## Daily inspection

Daily inspections are carried out by operating, visual, and touching the product. If a problem was found by an inspection, use the tools and perform inspection in accordance with the item.

**Daily or weekly**

## Periodic inspection

Inspect each part of the product using the tools once every 6 months.






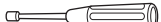






**Once every 6 months**

\*Spare parts are retained for 5 years after the production date.

## Required Tools






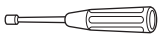






## Caution

Do not use an electric tool for tightening. Always use your hand for tightening to avoid excessive tightening. If tightening is excessive, the screw head may be deformed and become sharp.

Tool Name	Parts of Main Unit    Parts with * are optional.				
	Seat	Belt	Handle	Bumper	Umbrella holder*
Phillips screwdriver No. 2 	●(1)	●(1)	●(1)	●(1)	
Phillips screwdriver No. 3 					●(1)
Wrench (nominal size: 19 mm) 					
Thin wrench (thickness of about 3 mm) (nominal size: 21 to 23 mm) 					
Wrench (nominal size: 10 mm) 	●(1)				●(1)
Box-end wrench (width: 8 mm) 	●(1)	●(1)			
Hex key (short arm: 18 mm) (width: 10 mm) 					
Hex key (width: 4 mm) 	●(1)				
Hex key (width: 5 mm) 					
Hex key (width: 2.5 mm) 	●(1)	●(1)			
Precision flat blade screwdriver 			●(1)		
Groove joint pliers 			●(1)		

● indicates that the tool is required; the number in parentheses ( ) indicates the required quantity.

\*Required tools differ depending on the part. Some parts also require a dedicated tool.  
\*Other than for auto slope, the AW5 series and AW6 Series tools are the same.

Tool Name		Caster Type			
		CC2 CC4 Antistatic Casters (dia. 100)	Casters with Stopper (dia. 100)	Casters for Auto Slope (dia. 100) AW5 Series (Forward Facing Type) only	Casters for Auto Slope (dia. 125) AW5 Series (Forward Facing Type) only
Phillips screwdriver No. 2					
Phillips screwdriver No. 3					
Wrench (nominal size: 19 mm)		●(2)	●(1)	●(1)	●(1)
Thin wrench (thickness of about 3 mm) (nominal size: 21 to 23 mm)			●(1)	●(1)	
Wrench (nominal size: 10 mm)					
Box-end wrench (width: 8 mm)					
Hex key (short arm: 18 mm) (width: 10 mm)					●(1)
Hex key (width: 4 mm)					
Hex key (width: 5 mm)					
Hex key (width: 2.5 mm)					
Precision flat blade screwdriver					
Groove joint pliers					

● indicates that the tool is required; the number in parentheses ( ) indicates the required quantity.

\*Required tools differ depending on the part. Some parts also require a dedicated tool.  
\*Other than for auto slope, the AW5 series and AW6 Series tools are the same.

## **Warning**

Do not use any object or tool other than the parts already installed to the product at the time of delivery, and the parts and tools specified by Combi. Otherwise, it may cause damage, malfunction, or unexpected accidents.



# 1 Daily Inspections

During inspections, use the "Check sheet for daily inspections" on page 12. Daily inspections are carried out by operating, visual, and touching the product daily or weekly. If a problem was found by an inspection, use the tools and perform inspection in accordance with the item.

• If a problem was found during an inspection, immediately **stop using the product** and contact the sales agent and request a repair.

## A. Inspection of external appearance

Inspection Item	Inspection Method	Inspection Criterion	Measure in Case of Defect
① Dislocation of seat unit	Operation, visual, and touch	The seat unit does not come off when it is moved up and down	Stop use
② Rattling of parts(seat unit/belt cover)	Operation, visual, and touch	There is no rattling when trying to move it by hand	Tighten <b>See page 13</b>
③ Dislocation, loss, deformation, or rusting of screws or metal fittings	Visual	No dislocation, loss, deformation, or rusting	Replace
④ Fraying or damage of guard belt	Visual	No severe fraying or damage	Replace
⑤ Soiling of guard belt	Visual	No soiling	Clean
⑥ Damage or loss of caster covers	Visual and touch	No damage or loss	Replace
⑦ Damage or loss of bumper	Visual and touch	No damage or loss	Replace
⑧ Damage, loss, or dislocation of headrest	Visual and touch	No damage, loss, or dislocation	Replace
⑨ Soiling of headrest	Visual	No soiling	Clean
⑩ Damage or loss of handle	Visual and touch	No damage or loss	Replace
⑪ Damage of seat	Visual and touch	No damage or loss	Stop use
⑫ Soiling of seat	Visual	No soiling	Clean
⑬ Peeling of paint	Visual and touch	No peeling	Stop use
⑭ Cracking or damage of paint	Visual and touch	No cracks or damage	Stop use
⑮ Bending of frame	Visual and touch	No deformation	Stop use
⑯ Damage of Baggage hook	Visual and touch	No damage	Stop use
⑰ Damage, loss, or dislocation of nesting ring (AW51/AW61 CC4 only)	Visual and touch	No damage, loss, or dislocation	Replace
⑱ Damage, loss, dislocation, or rattling of umbrella holder*1	Visual and touch	No damage, loss, dislocation, or rattling	Replace

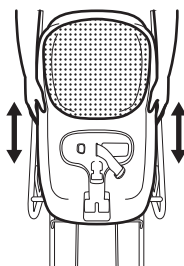
\*1. When umbrella holder is attached

**See page 13** See periodic inspections on page 13

### ①② Dislocation of seat unit, rattling of parts

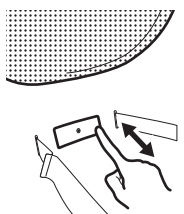
#### • Seat unit

Make sure that there is no rattling when the seat unit is moved up and down. If there is rattling, refer to page 13, and then tighten the screws.



#### • Belt cover

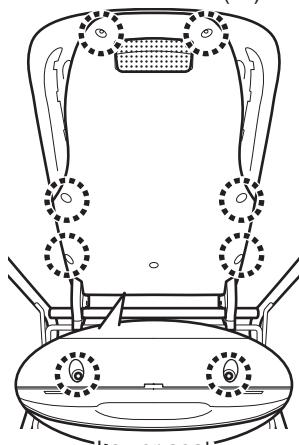
Make sure that there is no rattling when the belt cover is moved by hand. If there is rattling, refer to page 13, and then tighten the screws.



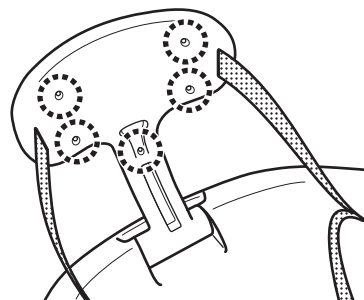
### ③ Check of screws and metal fittings

Make sure that there is no dislocation, loss, deformation, or rusting of screws or metal fittings.

#### • Rear cover screws (x8)

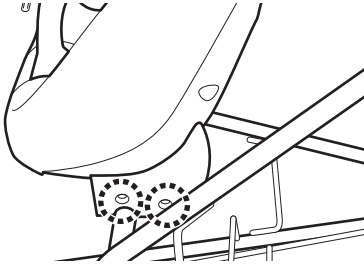


#### • Screws at back of guard (x5)

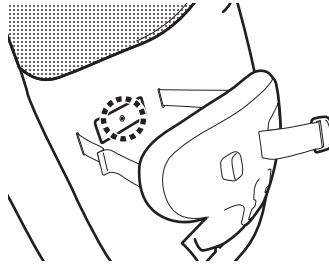


Lower-seat

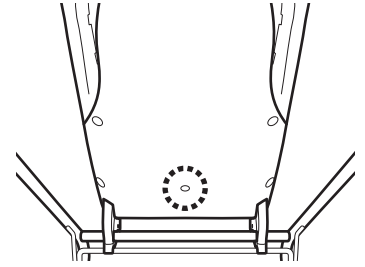
- Seat fixing screws (x4 on left and right)



- Belt cover fixing screw (x1)



- Hex cap nut of back cover (x1)



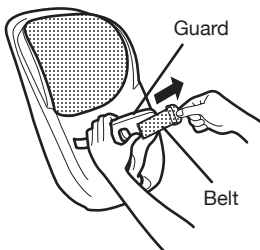
## B. Inspection of operation

Inspection Item	Inspection Method	Inspection Criterion	Measure in Case of Defect
⑱ Locking and releasing of the guard belt	Operation, visual, and touch	Can be locked and released	Replace
⑳ Reclining operation	Operation, visual, and touch	Can be reclined to 3 positions	Repair
㉑ Reclining lock	Operation, visual, and touch	Locks securely at 3 positions	Repair
㉒ Caster rotation	Operation, visual, and touch	Rotate smoothly	Replace
㉓ Stopper operation*2	Operation, visual, and touch	Can be locked and released	Replace

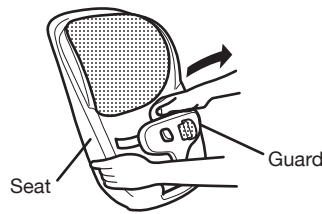
\*2. When stopper is attached

### ⑱ Inspection of guard operation

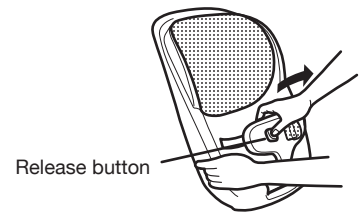
- ① Pull the belt while pushing the guard to check that the guard is tightened.



- ② Pull on the top of the guard while holding the seat in place to check that the guard does not open.



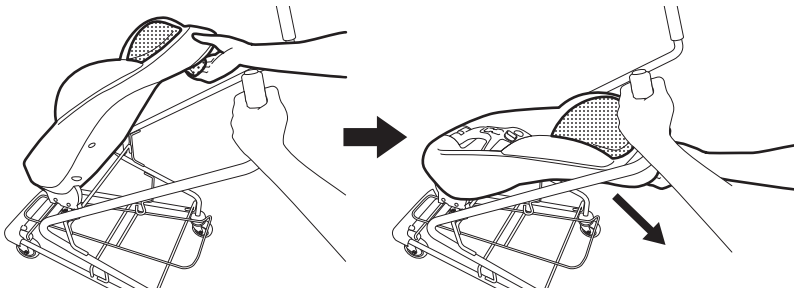
- ③ Press the release button and pull the guard toward you while holding the seat with one hand to check that the guard opens to the front.



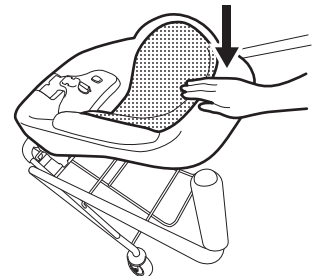
### ⑳㉑ Inspection of reclining operation

\*The illustration shows the AW5 Series (Forward facing type). The inspection of operation for the AW6 Series (Rear facing type) is the same.

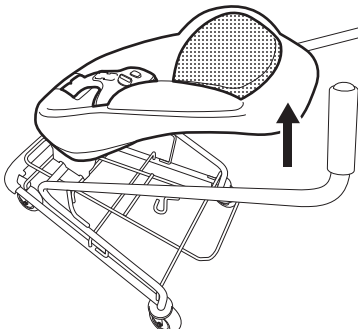
- ① Raise the reclining lever, check that the lock is released, and, with the lever in the raised position, lower the seat, and check that it reclines (to 3 positions).



- ② Push the seat lightly from above to check that the position is locked.



- ③ Push the top of the seat upward from the rear to check that it stops in each reclining location (middle and upper locations).



If the seat does not stop at the three reclining locations and moves to a location almost horizontal, or if it rotates to the bottom side, the seat is defective.

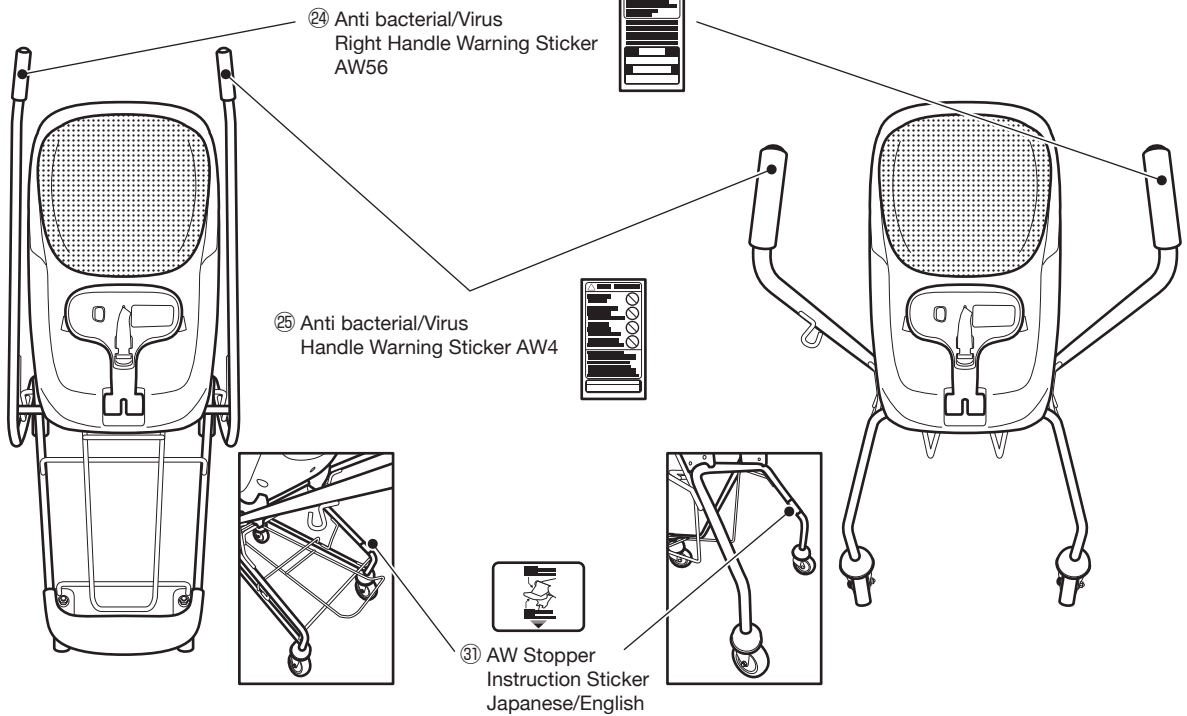
## C. Inspection of stickers

Inspection Item	Inspection Method	Inspection Criterion	Measure in Case of Defect
②④ Anti bacterial/Virus Right Handle Warning Sticker AW56	Visual	Stickers are legible and free of peeling and tears	Replace
②⑤ Anti bacterial/Virus Handle Warning Sticker AW4			
②⑥ Seat Warning Sticker AW56			
②⑦ Seat-side Warning Caution Sticker Japanese AW56			
②⑧ Seat-side Warning Caution Sticker English AW56			
②⑨ Guard Sticker AW56			
③① Sticker for 6-month Inspection			
③① AW Stopper Instruction Sticker Japanese/English*2			

\*2. When stopper is attached

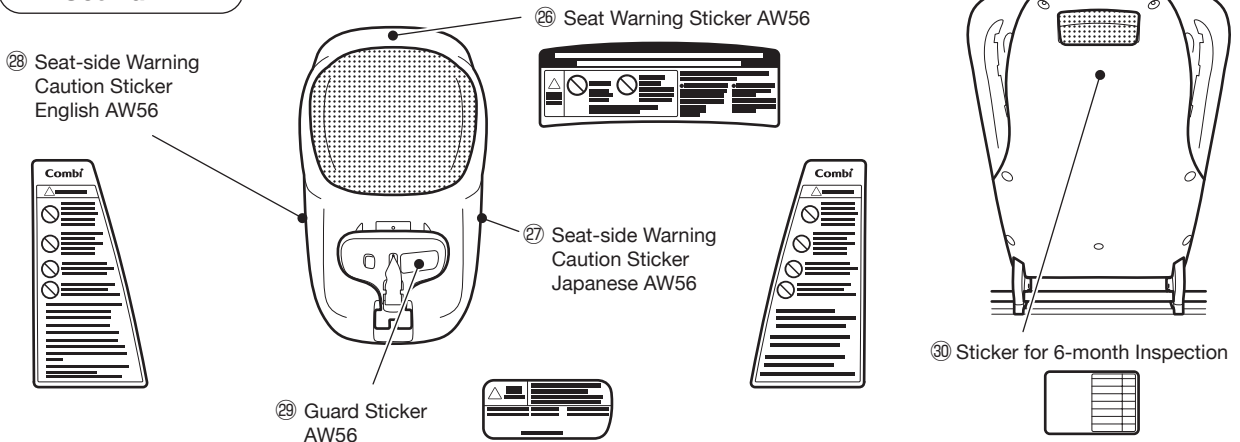
### AW5 Series (Forward Facing Type)

### AW6 Series (Rear Facing Type)



### Seat unit

\*Common to the Forward facing type and the Rear facing type



## Check sheet for daily inspections

## Daily or weekly

Make copies of this page for use during inspections.  
Keep this check sheet after filling it out.

Inspection Item	Inspection Method	Date	Date	Date	Date	Date	Date	Date
		(year)	(year)	(year)	(year)	(year)	(year)	(year)
		/	/	/	/	/	/	/
		carts	carts	carts	carts	carts	carts	carts
<b>Inspection of external appearance</b>								
① Dislocation of seat unit	Operation, visual, and touch							
② Rattling of parts (seat unit/belt cover)	Operation, visual, and touch							
③ Dislocation, loss, deformation, or rusting of screws or metal fittings	Visual							
④ Fraying or damage of guard belt	Visual							
⑤ Soiling of guard belt	Visual							
⑥ Damage or loss of caster covers	Visual and touch							
⑦ Damage or loss of bumper	Visual and touch							
⑧ Damage, loss, or dislocation of headrest	Visual and touch							
⑨ Soiling of headrest	Visual							
⑩ Damage or loss of handle	Visual and touch							
⑪ Damage of seat	Visual and touch							
⑫ Soiling of seat	Visual							
⑬ Peeling of paint	Visual and touch							
⑭ Cracking or damage of paint	Visual and touch							
⑮ Bending of frame	Visual and touch							
⑯ Damage of Baggage hook	Visual and touch							
⑰ Damage, loss, or dislocation of nesting ring (AW51/AW61 CC4 only)	Visual and touch							
⑱ Damage, loss, dislocation, or rattling of umbrella holder*1	Visual and touch							
<b>Inspection of operation</b>								
⑲ Locking and releasing of the guard belt	Operation, visual, and touch							
⑳ Reclining operation	Operation, visual, and touch							
㉑ Reclining lock	Operation, visual, and touch							
㉒ Caster rotation	Operation, visual, and touch							
㉓ Stopper operation*2	Operation, visual, and touch							
<b>Inspection of stickers</b>								
㉔ Anti bacterial/Virus Right Handle Warning Sticker AW56	Visual							
㉕ Anti bacterial/Virus Handle Warning Sticker AW4	Visual							
㉖ Seat Warning Sticker AW56	Visual							
㉗ Seat-side Warning Caution Sticker Japanese AW56	Visual							
㉘ Seat-side Warning Caution Sticker English AW56	Visual							
㉙ Guard Sticker AW56	Visual							
㉚ Sticker for 6-month Inspection	Visual							
㉛ AW Stopper Instruction Sticker Japanese/English*2	Visual							
Inspected by								
Approved by								

\*1. When umbrella holder is attached \*2. When stopper is attached

If a problem is found during an inspection, immediately **stop using the product** and deal with the problem by following the measure in case of defect.  
When the measure in case of defect involves a replacement or repair, always contact the sales agent and request a repair.

## 2 Periodic Inspections

During inspections, use the "Check sheet for periodic inspections" on page 14. Periodic inspections are to be performed every six months.

- If a problem was found during an inspection, immediately **stop using the product** and contact the sales agent and request a repair.

### A. Inspection of casters

Inspection Item	Inspection Method	Inspection Criterion	Measure in Case of Defect
① Tightening of front casters	Visual and touch (For required tools, see page 8)	Has not fallen off and is not loose	Tighten
② Tightening of rear casters	Visual and touch (For required tools, see page 8)	Has not fallen off and is not loose	Tighten
③ Caster rotation	Operation, visual, and touch	Rotates smoothly (Any trapped waste, hair, etc. must be removed.)	Replace
④ Wear of caster tires	Visual	No uneven wear	Replace

For more details, see the caster replacement procedure on page 16 to 18.

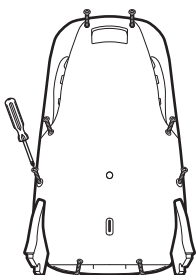
### B. Inspection of tightening of screws

Inspection Item	Inspection Method	Inspection Criterion	Measure in Case of Defect
⑤ Rear cover screws (x8)	Visual and touch (Phillips screwdriver No. 2)	Has not fallen off and is not loose	Tighten
⑥ Screws at back of guard (x5)	Visual and touch (Phillips screwdriver No. 2)		Tighten
⑦ Seat fixing screws (x4 on left and right)	Visual and touch (Hex key (width: 4 mm), Wrench (nominal size: 10 mm))		Tighten
⑧ Hex socket bolt fixing the belt cover (x1)	Visual and touch (Hex key (width: 2.5 mm), Box-end wrench (width: 8 mm))		Tighten
⑨ Hex cap nut of back cover (x1)	Visual and touch (Hex key (width: 2.5 mm), Box-end wrench (width: 8 mm))		Tighten
⑩ Fixing screws of bumper (rear side: x 4; opposite side: x 5)	Visual and touch (Phillips screwdriver No. 2)		Tighten
⑪ Fixing screw of umbrella holder (one each for umbrella ring and umbrella support)*1	Visual and touch (Phillips screwdriver No. 3, Wrench (nominal size: 10 mm))		Tighten

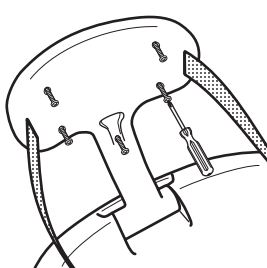
\*1. When umbrella holder is attached

The illustration shows the AW5 Series (Forward facing type). The inspection of operation for the AW6 Series (Rear facing type) is the same.

⑤ Rear cover screws (x8)



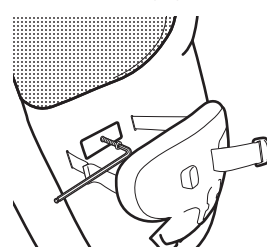
⑥ Screws at back of guard (x5)



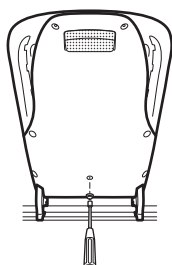
⑦ Seat fixing screws (x4 on left and right)



⑧ Hex socket bolt fixing the belt cover (x1)

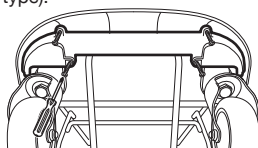


⑨ Hex cap nut of back cover (x1)



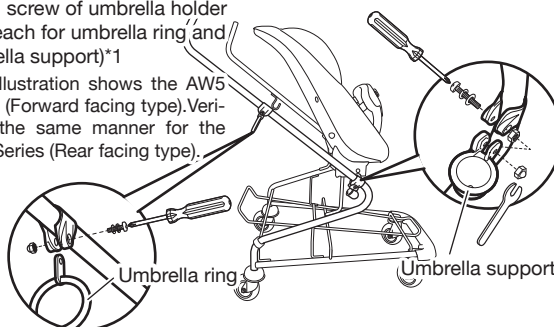
⑩ Fixing screws of bumper (rear side: x4; opposite side: x5)

\*The illustration shows the AW5 Series (Forward facing type). Verify in the same manner for the AW6 Series (Rear facing type).



⑪ Fixing screw of umbrella holder (one each for umbrella ring and umbrella support)\*1

\*The illustration shows the AW5 Series (Forward facing type). Verify in the same manner for the AW6 Series (Rear facing type).

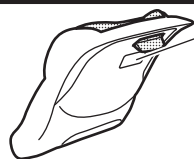


## C. Recording of inspection date

After a periodic inspection, in addition to filling out the following check sheet, write the date of the inspection on the inspection sticker affixed below the reclining lever.



Inspection sticker



Inspection sticker  
Sticker is affixed below the reclining lever.

### Check sheet for periodic inspections

Once every 6 months

Make copies of this page for use during inspections. Keep this check sheet after filling it out.



#### Caution

Do not use an electric tool for tightening. Always use your hand for tightening to avoid excessive tightening. If tightening is excessive, the screw head may be deformed and become sharp.

Inspection Item	Inspection Method	Date	Date	Date	Date	Date	Date	Date
		(year)	(year)	(year)	(year)	(year)	(year)	(year)
		/	/	/	/	/	/	/
		cars	cars	cars	cars	cars	cars	cars
<b>Inspection of casters</b>								
① Tightening of front casters	Visual and touch (For required tools, see page 8)							
② Tightening of rear casters	Visual and touch (For required tools, see page 8)							
③ Caster rotation	Operation, visual, and touch							
④ Wear of the caster tires	Visual							
<b>Inspection of tightening of screws</b>								
⑤ Rear cover screws (x8)	Visual and touch (Phillips screwdriver No. 2)							
⑥ Screws at back of guard (x5)	Visual and touch (Phillips screwdriver No. 2)							
⑦ Seat fixing screws (x4 on left and right)	Visual and touch (Hex key (width: 4 mm), Wrench (nominal size: 10 mm))							
⑧ Hex socket bolt fixing the belt cover (x1)	Visual and touch (Hex key (width: 2.5 mm), Box-end wrench (width: 8 mm))							
⑨ Hex cap nut of back cover (x1)	Visual and touch (Hex key (width: 2.5 mm), Box-end wrench (width: 8 mm))							
⑩ Fixing screws of bumper (rear side: x 4; opposite side: x 5)	Visual and touch (Phillips screwdriver No. 2)							
⑪ Fixing screw of umbrella holder (one each for umbrella ring and umbrella support)*1	Visual and touch (Phillips screwdriver No. 3, Wrench (nominal size: 10 mm))							
<b>Inspection of external appearance</b>								
① Dislocation of seat unit	Operation, visual, and touch							
② Rattling of parts (seat unit/belt cover)	Operation, visual, and touch							
③ Dislocation, loss, deformation, or rusting of screws or metal fittings	Visual							
④ Fraying or damage of guard belt	Visual							
⑤ Soiling of guard belt	Visual							
⑥ Damage or loss of caster covers	Visual and touch							
⑦ Damage or loss of bumper	Visual and touch							
⑧ Damage, loss, or dislocation of headrest	Visual and touch							
⑨ Soiling of headrest	Visual							

\*1. When umbrella holder is attached

Inspection Item	Inspection Method	Date	Date	Date	Date	Date	Date	Date
		(year)	(year)	(year)	(year)	(year)	(year)	(year)
		/	/	/	/	/	/	/
		cars	cars	cars	cars	cars	cars	cars
<b>Inspection of external appearance</b>								
⑩ Damage or loss of handle	Visual and touch							
⑪ Damage of seat	Visual and touch							
⑫ Soiling of seat	Visual							
⑬ Peeling of paint	Visual and touch							
⑭ Cracking or damage of paint	Visual and touch							
⑮ Bending of frame	Visual and touch							
⑯ Damage or loss of Baggage hook	Visual and touch							
⑰ Damage, loss, or dislocation of nesting ring (AW51/AW61 CC4 only)	Visual and touch							
⑱ Damage, loss, dislocation, or rattling of umbrella holder*1	Visual and touch							
<b>Inspection of operation</b>								
⑲ Locking and releasing of the guard belt	Operation, visual, and touch							
⑳ Reclining operation	Operation, visual, and touch							
㉑ Reclining lock	Operation, visual, and touch							
㉒ Stopper operation*2	Operation, visual, and touch							
<b>Inspection of stickers</b>								
㉓ Anti bacterial/Virus Right Handle Warning Sticker AW56	Visual							
㉔ Anti bacterial/Virus Handle Warning Sticker AW4	Visual							
㉕ Seat Warning Sticker AW56	Visual							
㉖ Seat-side Warning Caution Sticker Japanese AW56	Visual							
㉗ Seat-side Warning Caution Sticker English AW56	Visual							
㉘ Guard Sticker AW56	Visual							
㉙ Sticker for 6-month Inspection	Visual							
㉚ AW Stopper Instruction Sticker Japanese/English*2	Visual							
Inspected by								
Approved by								

\*1. When umbrella holder is attached \*2. When stopper is attached

If a problem is found during an inspection, immediately **stop using the product** and deal with the problem by following the measure in case of defect. When the measure in case of defect involves a replacement or repair, always contact the sales agent and request a repair.



# Combi ANGEL WAGON AW5/6 Series Part Replacement Procedures

If a problem is found during a daily or periodic inspection, and a new replacement part must be installed, carefully read these replacement procedures, and then replace the part correctly.

## Caster replacement procedure

The tools required for the caster replacement procedure differ depending on the caster type.

< Caster types >

### 1 CC2/CC4 Antistatic caster (dia. 100)

### 2 Casters with stopper (dia. 100)

### 3 Casters for Auto Slope (dia. 100)

\*AW5 Series (Forward facing type) only

### 4 Casters for Auto Slope (dia. 125)

\*AW5 Series (Forward facing type) only

## Warning

- Tighten the caster at a minimum torque of 42 N·m. If the caster is loose, it detaches from the cart, which may lead to an injury or a serious accident.

\*If you do not have a torque wrench, tighten the casters firmly using a wrench with a handle of 250 mm or longer.

- Always inspect the new part after replacement by following the periodic inspection instructions (page 13).

## Caution

Always replace the right and left casters at the same time.

## 1 Replacement procedure for Antistatic Caster (dia. 100)

\*The illustration shows the AW5 Series (Forward facing type). The replacement procedure for the AW6 Series (Rear facing type) is the same.

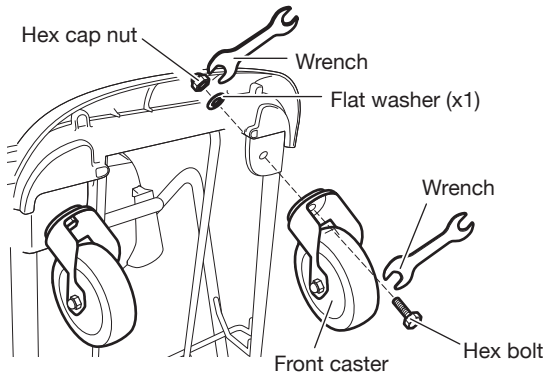
### Required tools

The tools on the right are required for this procedure.

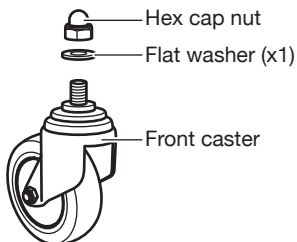
- Wrench (nominal size: 19 mm) (x2)



### Front casters



### Antistatic front caster (dia. 100)



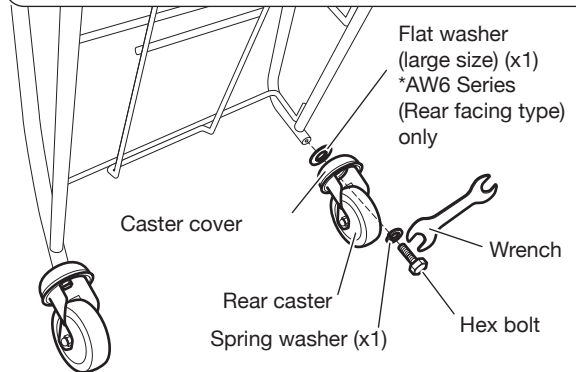
#### • Removal

While holding the hex cap nut in place with the wrench, rotate the bolt counterclockwise using the other wrench. Remove the front-wheel casters and flat washers.

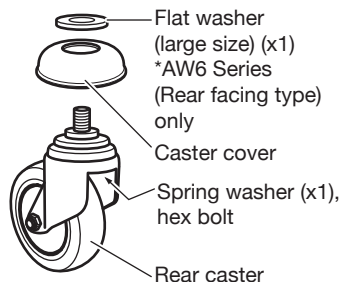
#### • Installation

Install the casters by following the removal procedure in the reverse order and tighten them securely using the wrench.

### Rear casters



### Antistatic rear caster (dia. 100)



#### • Removal

Rotate the bolt counterclockwise using the wrench. Remove the rear casters and spring washers.

#### • Installation

Install the casters by following the removal procedure in the reverse order and tighten them securely using the wrench.

## Caution

Do not lose the flat washers of the rear casters (large size), because they will be used again.

## 2

### Replacement procedure for casters with stoppers (dia. 100)

\*The illustration shows the AW5 Series (Forward facing type). The replacement procedure for the AW6 Series (Rear facing type) is the same.

#### Required tools

The tools on the right are required for this procedure.

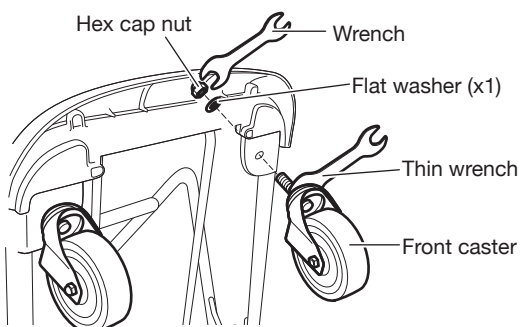
- Wrench (nominal size: 19 mm) (x1)



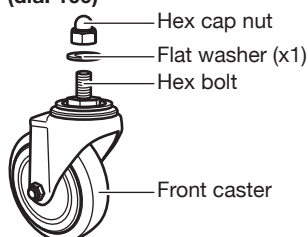
- Thin wrench (thickness of about 3 mm) (nominal size: 21 to 23 mm) (x1)



#### Front casters



#### Front caster with stopper (dia. 100)



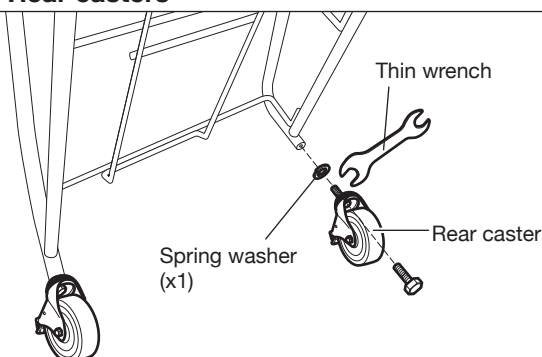
#### • Removal

While holding the hex cap nut in place with the wrench, rotate the bolt counterclockwise using the thin wrench. Remove the front casters and flat washers.

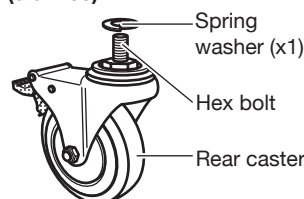
#### • Installation

Install the casters by following the removal procedure in the reverse order and tighten them securely using the wrench.

#### Rear casters



#### Rear caster with stopper (dia. 100)



#### • Removal

Rotate the bolt counterclockwise using the thin wrench. Remove the rear casters and spring washers.

#### • Installation

Install the casters by following the removal procedure in the reverse order and tighten them securely using the wrench.

## 3

### Replacement procedure for casters for auto slopes (dia. 100) and safety wheels

#### Required tools

The tools on the right are required for this procedure.

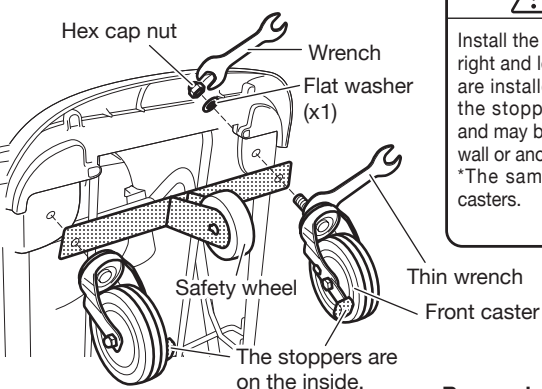
- Wrench (nominal size: 19 mm) (x1)



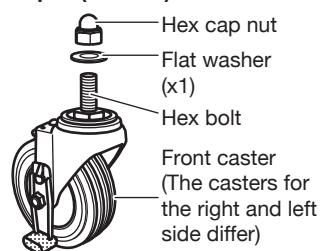
- Thin wrench (thickness of about 3 mm) (nominal size: 21 to 23 mm) (x1)



#### Front casters



#### Front caster for auto slopes (dia. 100)



#### Caution

Install the correct casters for the right and left sides. If the casters are installed on the wrong side, the stoppers will face outward and may be damaged if they hit a wall or another object.  
\*The same applies to the rear casters.

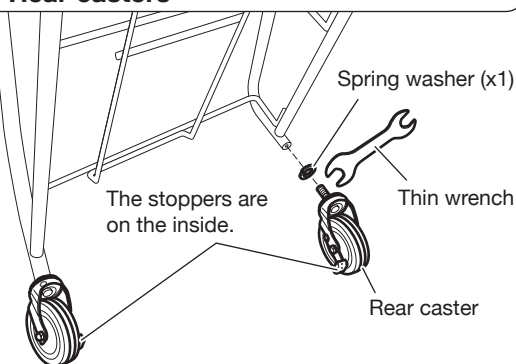
#### • Removal

While holding the hex cap nut in place with the wrench, rotate the bolt counterclockwise using the thin wrench. Remove the front casters, safety wheels, and flat washers.

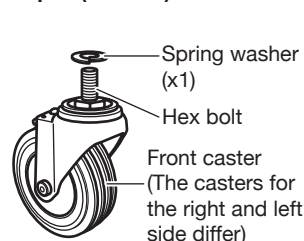
#### • Installation

Install the casters by following the removal procedure in the reverse order and tighten them securely using the wrench.

#### Rear casters



#### Rear caster for auto slopes (dia. 100)



#### • Removal

Rotate the bolt counterclockwise using the thin wrench. Remove the rear casters and spring washers.

#### • Installation

Install the casters by following the removal procedure in the reverse order and tighten them securely using the wrench.

## 4 Replacement procedure for casters for auto slope (dia. 125)

### Warning

Always inspect the new part after replacement by following the periodic inspection instructions (page 13).

\*AW5 Series (Rear Facing Type) only.

#### Required tools

The tools on the right are required for this procedure.

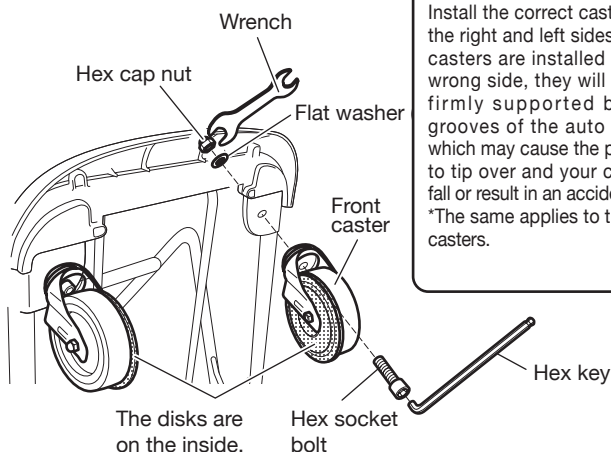
- Wrench (nominal size: 19 mm) (x1)



- Hex key (short arm: 18 mm) (width: 10 mm)(x1)



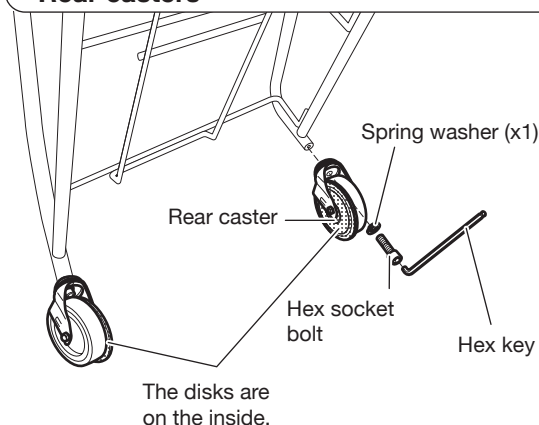
#### Front casters



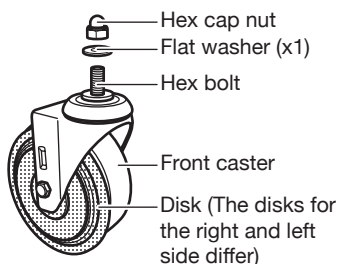
### Caution

Install the correct casters for the right and left sides. If the casters are installed on the wrong side, they will not be firmly supported by the grooves of the auto slope, which may cause the product to tip over and your child to fall or result in an accident. \*The same applies to the rear casters.

#### Rear casters



#### Front caster for auto slope (dia. 125)



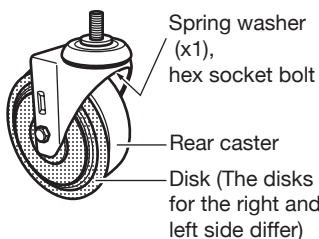
#### • Removal

While holding the hex cap nut in place with the wrench, rotate the bolt counterclockwise using the hex key. Remove the front casters and flat washers.

#### • Installation

Install the casters by following the removal procedure in the reverse order and tighten them securely using the wrench and hex key.

#### Rear caster for auto slope (dia. 125)



#### • Removal

Rotate the bolt counterclockwise using the hex key. Remove the rear casters and spring washers.

#### • Installation

Install the casters by following the removal procedure in the reverse order and tighten them securely using the wrench and hex key.

## Headrest replacement procedure

In case you find a problem with the headrest during a daily inspection, purchase a headrest replacement kit and carry out the replacement by following the procedure below.



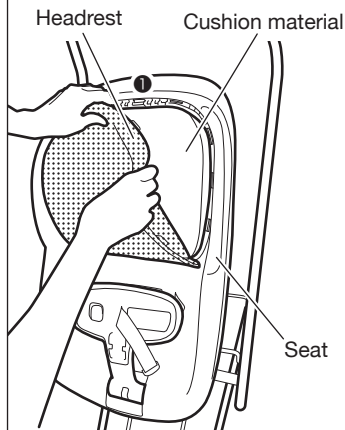
### Warning

Always inspect the new part after replacement by following the daily inspection instructions (page 9).

\*The illustration shows the AW5 Series (Forward facing type). The replacement procedure for the AW6 Series (Rear facing type) is the same.

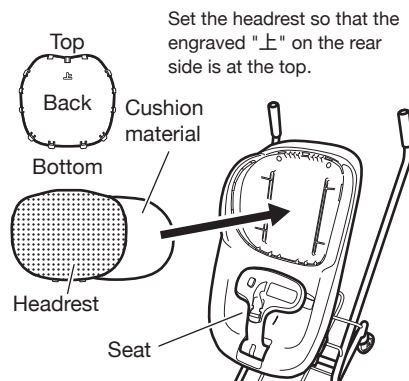
### Removal

Insert your fingers into the gap **①** between the headrest and the seat and pull the headrest strongly toward you to remove it.



### Installation

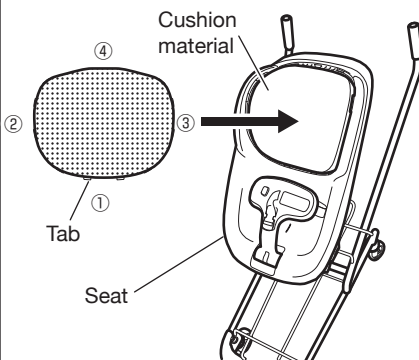
**1** Insert new cushion material between the headrest and the seat.



The headrest has a top and bottom. Set the headrest so that the engraved "上" on the rear side is at the top.

\*The cushion material does not have any directions.

**2** Strongly insert the headrest tabs into the seat in the following order: ① to ④.



Make sure that all 13 tabs of the headrest are fitted.

## Belt replacement procedure

In case you find that the belt is cut, frayed, or excessively dirty during the daily inspection, purchase a belt replacement kit and carry out the replacement by following the procedure below.



### Warning

Always inspect the new part after replacement by following the daily inspection instructions (page 9).

#### Required tools

• Box-end wrench (width: 8 mm)

• Hex key (width: 2.5 mm)

• Phillips screwdriver No. 2

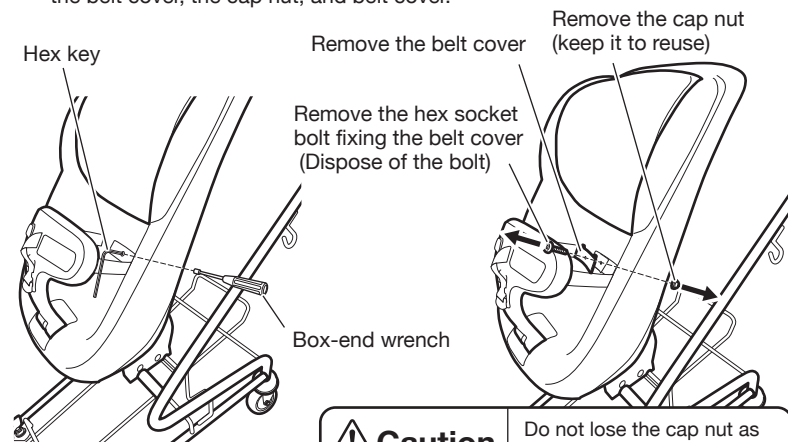
The tools on the right are required for this procedure.



### Removal

\*The illustration shows the AW5 Series (Forward facing type). The replacement procedure for the AW6 Series (Rear facing type) is the same.

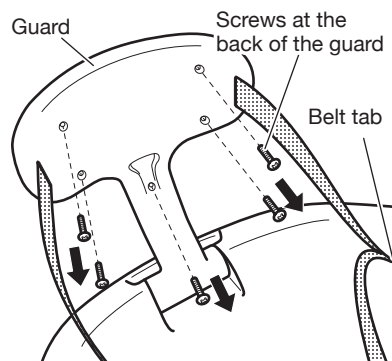
**1** Using the hex key and box-end wrench, remove the hex socket bolt fixing the belt cover, the cap nut, and belt cover.



### Caution

Do not lose the cap nut as it will be reused.

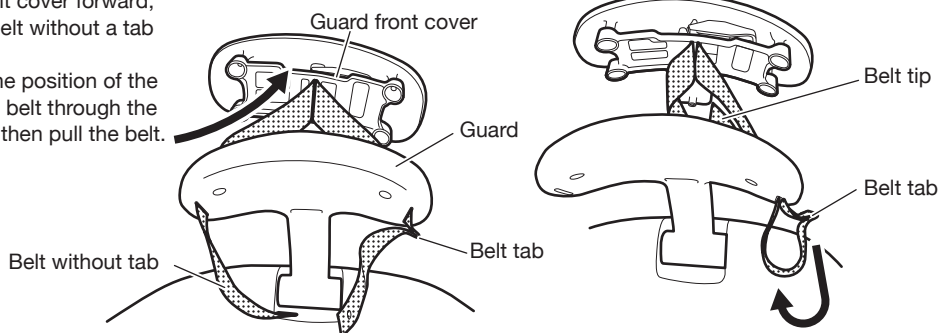
**2** Using the Phillips screwdriver, remove the five (5) screws at the back of the guard.



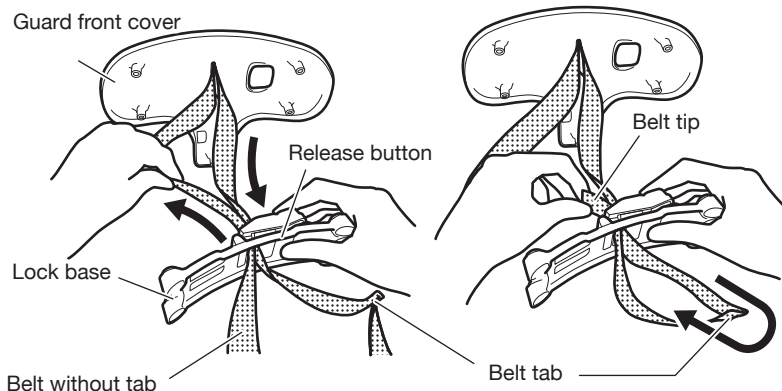
### Caution

Do not lose the five (5) screws removed from the back of the guard as they will be reused.

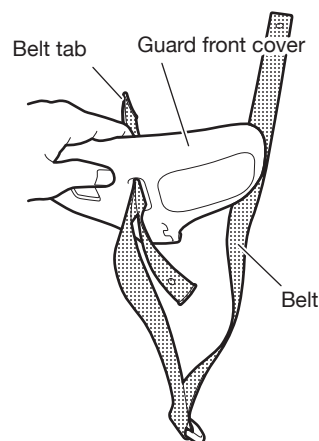
- 3** Remove the guard front cover forward, and then pull out the belt without a tab from the guard. Next, fold the belt at the position of the tab, pass the tip of the belt through the hole of the guard, and then pull the belt.



- 4** Remove the assembly of the lock base and guard front cover. While pressing the release button of the lock base, pull out the belt without a tab. Next, fold the belt at the position of the tab, pass the tip of the belt through the hole of the lock base, and then pull out the belt.



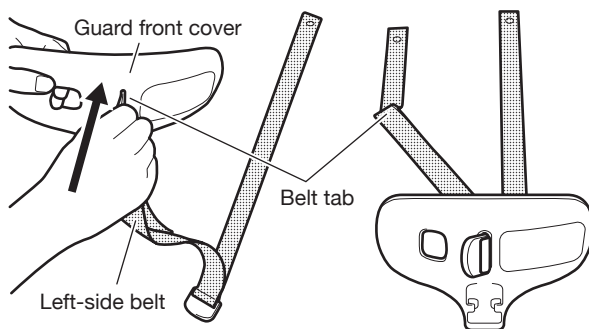
- 5** As in Step 4, pull out the belt from the guard front cover.



## Installation

\*The illustration shows the AW5 Series (Forward facing type). The replacement procedure for the AW6 Series (Rear facing type) is the same.

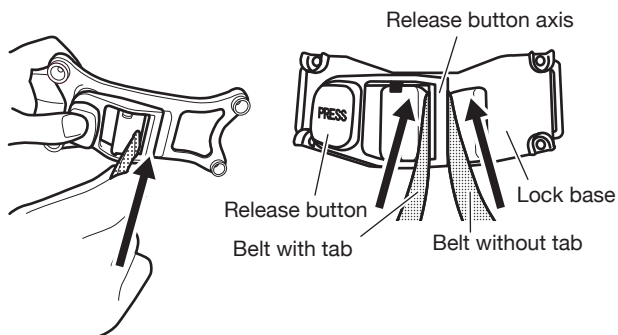
- 1** Pass the belt through the guard front cover. Pass the belt with the tab first through the hole of the guard front cover, and then pass the belt without a tab. With the belt with a tab folded at the tab, pass the belt through so that the tab comes to the left side.



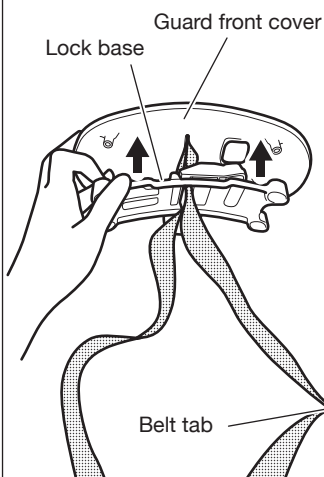
- 2** While pressing the release button, pass the belt through the hole in the lock base (white). With the belt with a tab folded at the tab, pass the belt from the hole on the left side of the axis of the release button.

### Warning

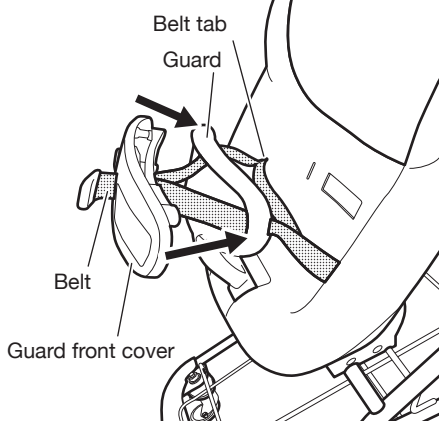
Pass the belt on both sides of the release button axis.  
Do not pass both ends of the belt on one side.



- 3** Install the lock base to the guard front cover.

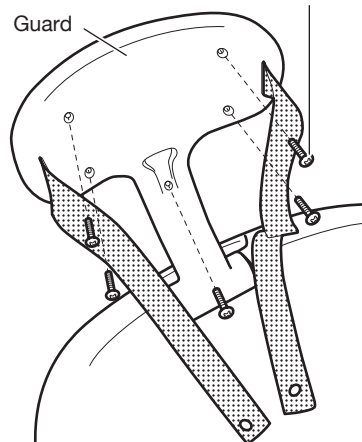


- 4** Pass each belt through the holes on the guard and install the guard front cover to the guard. With the belt with tab folded at the tab, pass the belt through the hole on the left side of the guard.



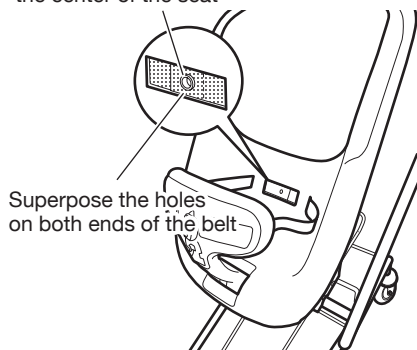
- 5** Screw the five (5) screws at the back of the guard (reusing the same screws).

Screws at the back of the guard



- 6** Pass both ends of the belt through the holes on the seat and superpose the belt holes and the protruding part at the center of the seat.

Round protruding part at the center of the seat



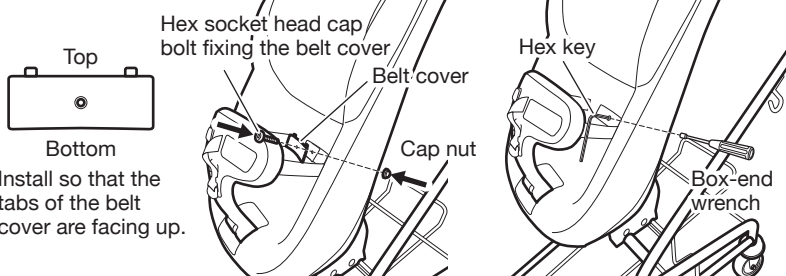
- 7** Install the belt cover to the seat and secure it with a hex socket bolt (a new belt cover fixing bolt with glue on it) and a cap nut (reusing the same cap nut).

**The upper and lower sides of the belt cover are different.**  
**The belt cover cannot be installed with the wrong orientation.**



### Caution

Be sure to use the new hex socket bolt supplied in the belt replacement kit to fix the belt cover.



### Warning

- Be sure to securely install the belt.
  - Check that the belt is not twisted.
- If these two warnings are not observed, your child may fall or result in an accident.



## Handle replacement procedure

In case you find a problem with the handle during a daily inspection, purchase handle parts and carry out the replacement by following the procedure below.

- Handle parts
- Right Anti bacterial/Virus Handle-Warning Sticker Assembly AW56: Handle on right side when viewed by user
- Left Anti bacterial/Virus Handle-Warning Sticker Assembly AW4: Handle on left side when viewed by user

### Warning

Always inspect the new part after replacement by following the daily inspection instructions (page 9).

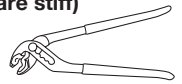
### Required tools

The tools below are required for this procedure.

- **Precision flat blade screwdriver**



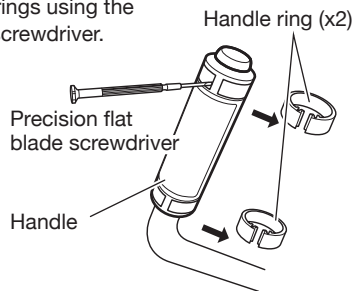
- **Groove joint pliers**  
(use if the handle rings are stiff)



## Removal

- 1 Remove the handle rings using the precision flat blade screwdriver.

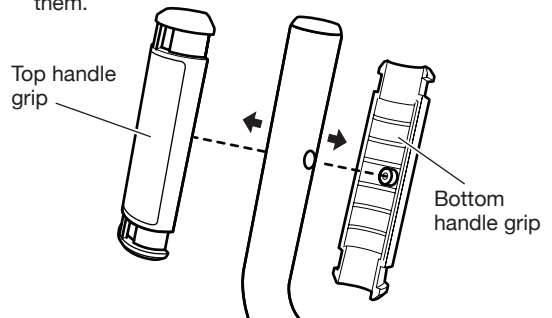
Insert the tip of the precision flat blade screwdriver into the gap of the handle ring to easily remove it.



### Caution

Be cautious not to injure yourself with the screwdriver tip when removing the handle rings.

- 2 After you have removed the two (2) handle rings, separate the top and bottom of handle and remove them.



## Installation

- 1 Affix the stickers to the handle grips.  
Fold the outer black lines inside the handle.

#### • Top handle grip

Affix the sticker with text  
Folding locations of sticker




There is no protrusion inside

#### • Bottom handle grip

Affix the sticker without text  
Folding locations of sticker



There is a protrusion inside

There are two stickers for the top handle grip.  
The illustration above shows “ Anti bacterial/Virus Handle Warning Sticker AW4” on page 11.

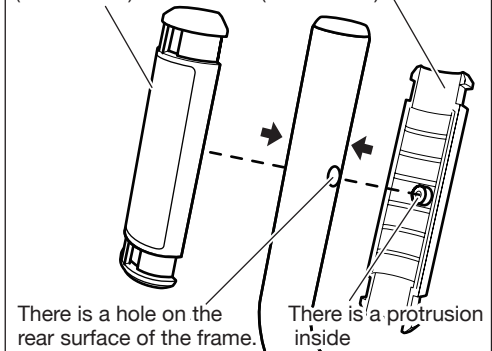
### Caution

Affix the sticker without shifting it. If the handle is installed with a shifted sticker, the rings cannot be attached.

- 2 Insert the handle in the hole of the frame.

Top handle grip (with sticker)

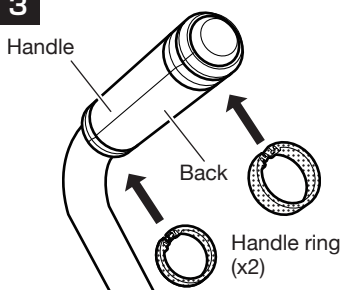
Bottom handle grip (with sticker)



### Caution

Before installation, make sure that the vertical orientations of the stickers are correct.

- 3



Secure the handle with the handle rings.

- When installing the handle rings, insert them fully to the bottom side until you hear a click.  
\*Use the groove joint pliers if the handle rings are stiff.
- After installing the handle rings, check that there is no gap between the rings and the handle and the rings expose no sharp corners.

### Caution

- Make sure that the left and right handles do not have the same display.
- Always use newly supplied handle rings. The used handle rings may be damaged by the precision flat blade screwdriver during the removal procedure.



## Bumper replacement procedure

In case you find a problem with the bumper during a daily inspection, purchase a bumper replacement kit and carry out the replacement by following the procedure below.



### Warning

Always inspect the new part after replacement by following the daily inspection instructions (page 9).

### Required tools

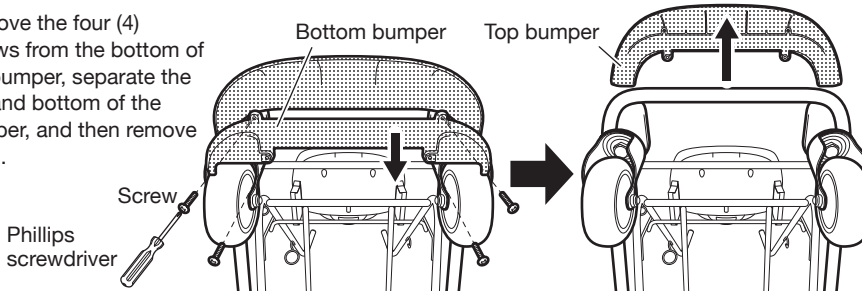
The tools below are required for this procedure.

- Phillips screwdriver No. 2



### AW5 Series (Forward Facing Type): Removal

Remove the four (4) screws from the bottom of the bumper, separate the top and bottom of the bumper, and then remove them.



### Installation

Install while following the removal procedure in the reverse order.

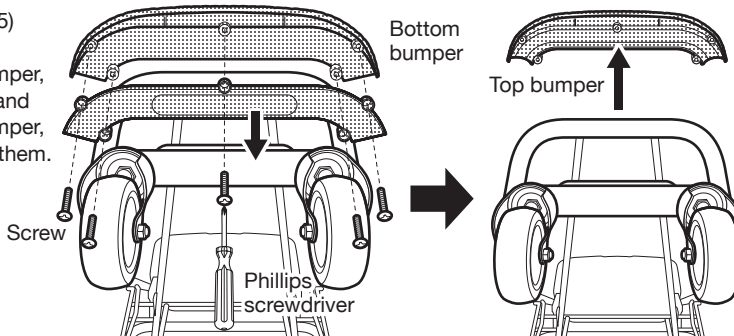


### Caution

Do not tighten the screws firmly. The top bumper is made of soft material.

### AW6 Series (Rear Facing Type): Removal

Remove the five (5) screws from the bottom of the bumper, separate the top and bottom of the bumper, and then remove them.



### Installation

Install while following the removal procedure in the reverse order.



### Caution

Do not tighten the screws firmly. The top bumper is made of soft material.

## Umbrella holder replacement procedure

In case you find a problem with the umbrella holder during a daily inspection, purchase an umbrella holder set and carry out the replacement by following the procedure below.

\*The umbrella holder is the same for the AW5 Series (Forward facing type) and AW6 Series (Rear facing type).



### Warning

Always inspect the new part after replacement by following the daily inspection instructions (page 9).

The umbrella holder set contains the following parts.  
(The screws are provisionally fastened.)

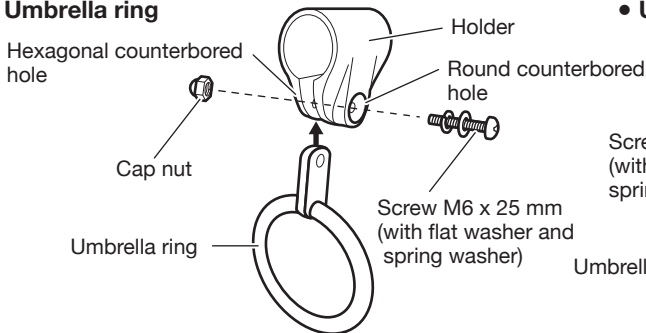
### Required tools

The tools below are required for this procedure.

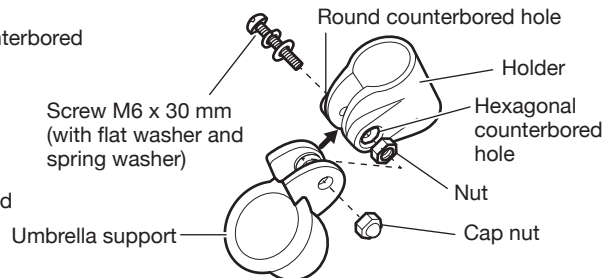
- Phillips screwdriver No. 3
- Wrench (10 mm)



### • Umbrella ring



### • Umbrella support

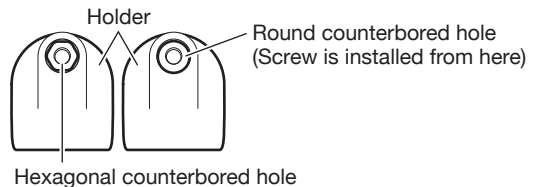


\*The screw used for the Umbrella ring and the one used for the Umbrella support do not have the same length.  
Be sure to use the correct screw for each part.



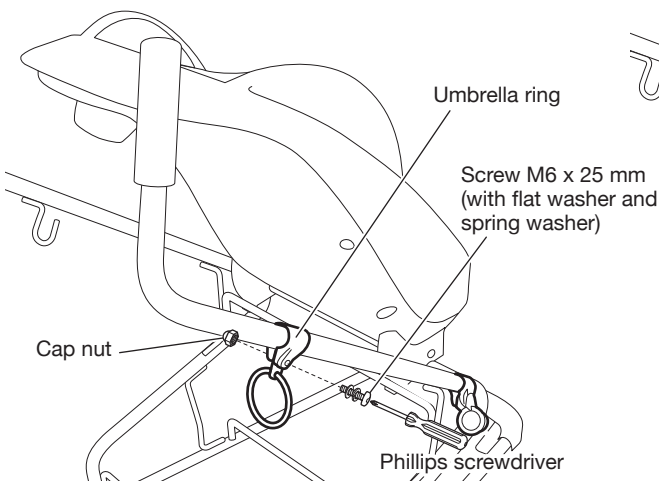
### Caution

- The holder has two holes: a hexagonal counterbored hole to embed the nut and a round counterbored hole to hold the screw. Install the screw from the round counterbored hole. If the holes are confused, the screw will not be fixed securely, and the hole is more likely to be broken.
- When fixing the screw, do not over tighten. The hole is more likely to be broken.

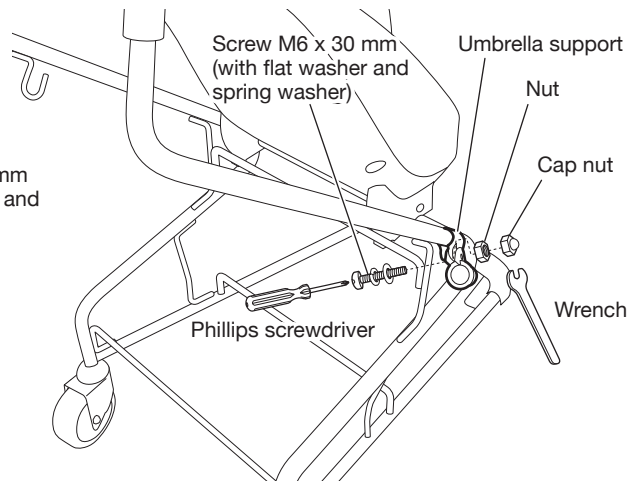


## AW5 Series (Forward Facing Type): Removal

Use the Phillips screwdriver to remove the screw (1) of the Umbrella ring.



Use the wrench to remove the cap nut, and then use the Phillips screwdriver to remove the screw (1) of the Umbrella support.



### Caution

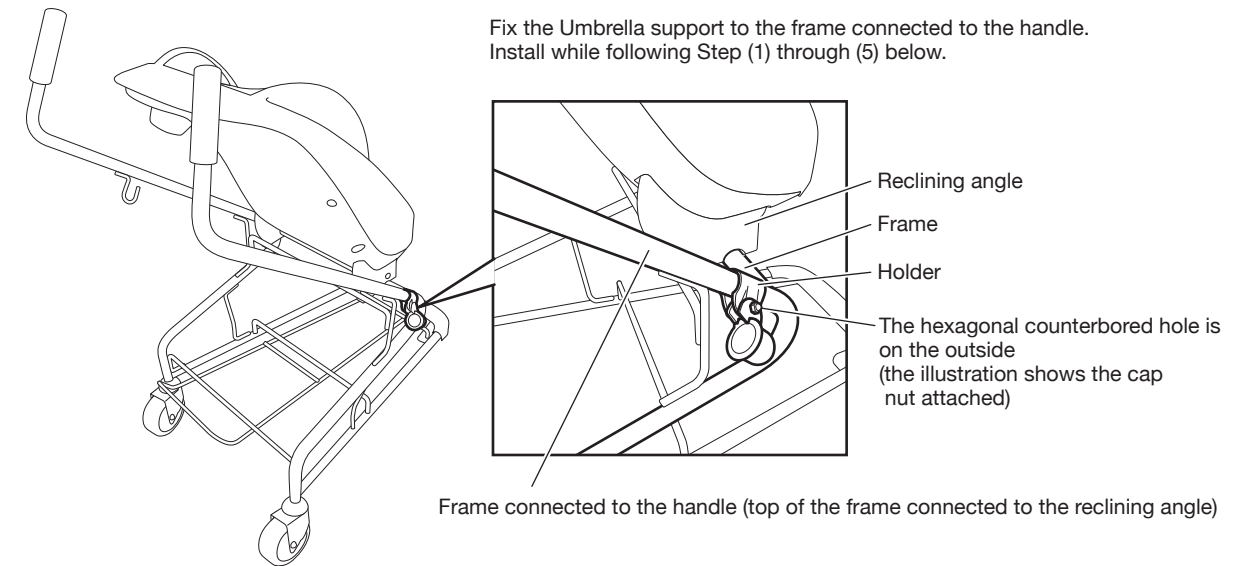
Be careful when removing a screw. Nuts easily fall to the floor.

## AW5 Series (Forward Facing Type): Installation

Install ① the Umbrella support, and then ② the Umbrella ring.

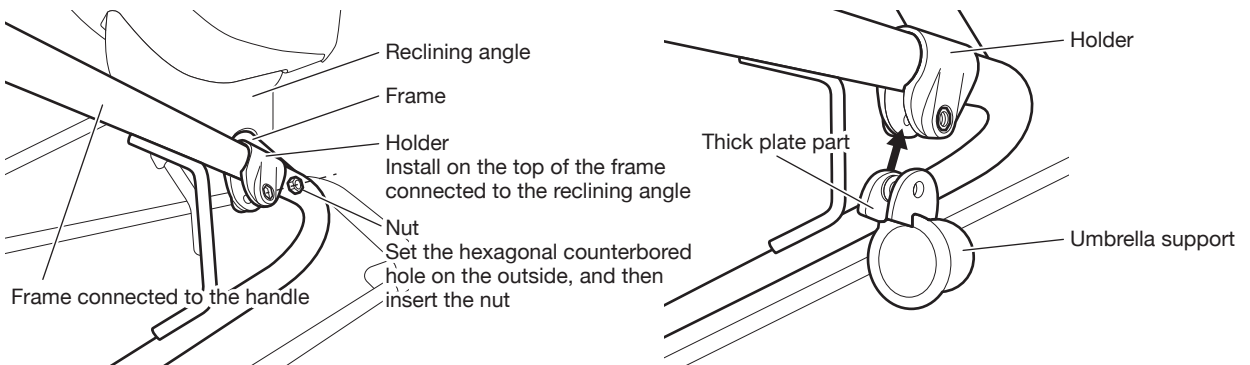
### ① Install the Umbrella support.

Fix the Umbrella support to the frame connected to the handle.  
Install while following Step (1) through (5) below.



(1) Install the holder on the frame connected to the handle, and then set the nut in the hexagonal counterbored hole.

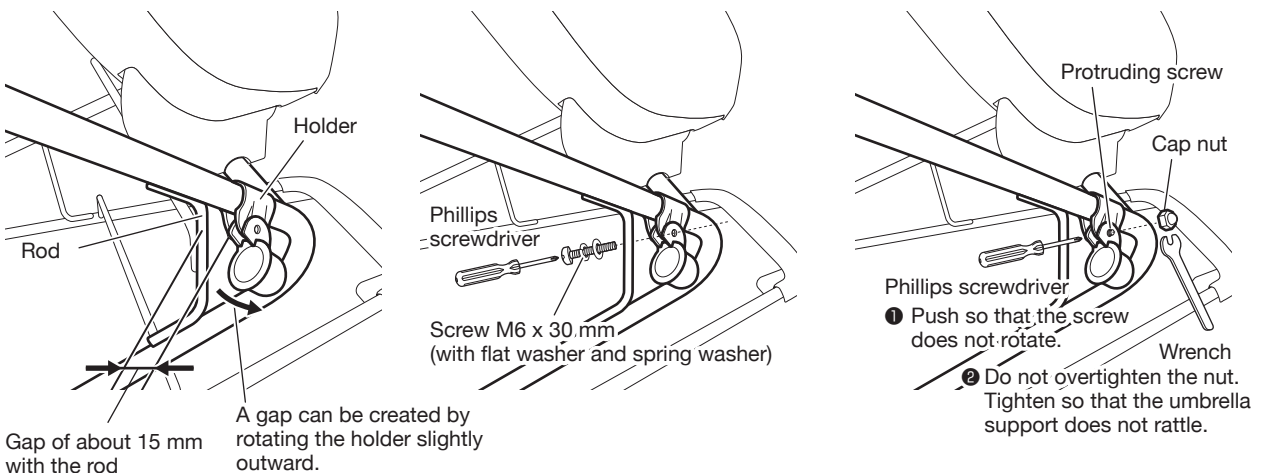
(2) Insert the thick plate part of the umbrella support in the center of the holder.



(3) Set so that there is a finger-sized gap (about 15 mm) between the holder and the rod.

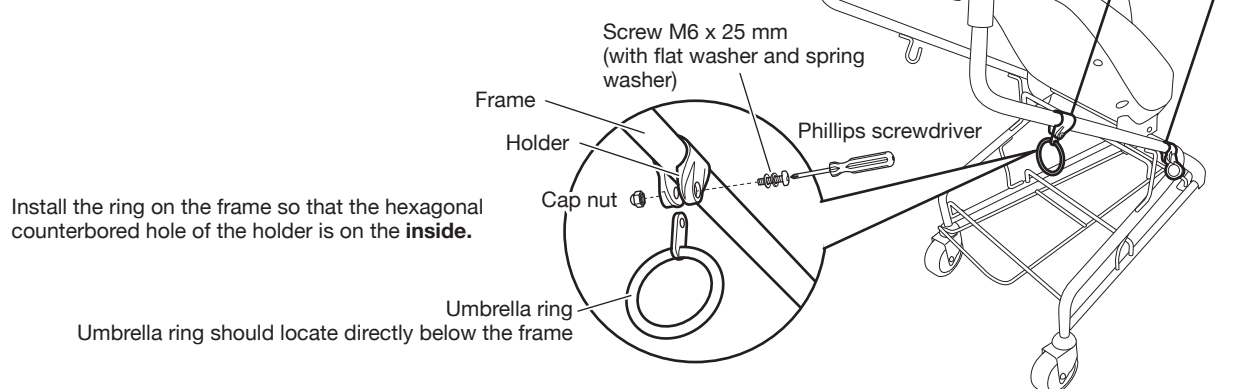
(4) Using the Phillips screwdriver, tighten the screw (1) from the inside to fix the holder.

(5) On the tip of the screw protruding outside, fit and secure the cap nut.



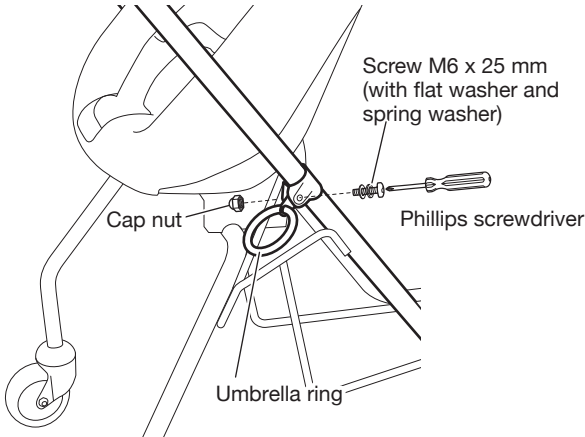
## ② Install the Umbrella ring.

Install the Umbrella ring 400 mm from the Umbrella support.  
Install the screw so that the umbrella ring is directly below the frame.

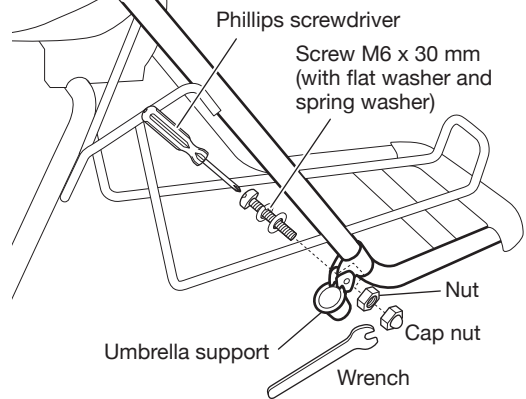


## AW6 Series (Rear Facing Type): Installation

Use the Phillips screwdriver to remove the screw (1) of the Umbrella ring.



Use the wrench to remove the cap nut, and then use the Phillips screwdriver to remove the screw (1) of the Umbrella support.



### Caution

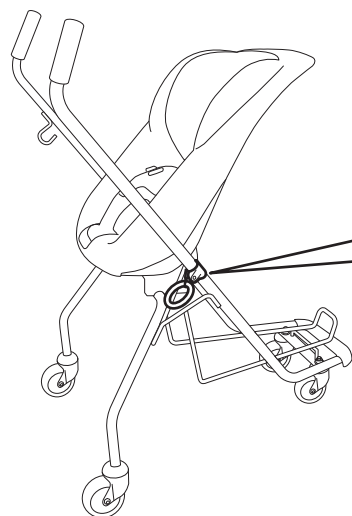
Be careful when removing a screw. Nuts easily fall to the floor.

## AW6 Series (Rear Facing Type): Removal

Install ① the Umbrella ring, and then ② the Umbrella support.

### ① Install the Umbrella ring.

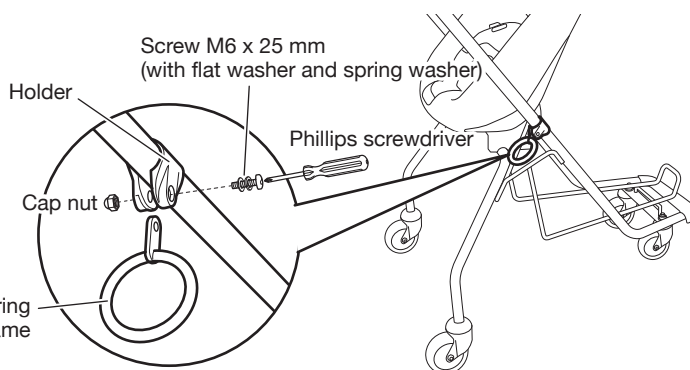
Install the Umbrella ring below the rod weld on the frame.  
Install while following Step (1) through (3) below.



- (1) Install the ring on the frame so that the hexagonal counterbored hole of the holder is on the **inside**.
- (2) Set so that there is a finger-sized gap (about 15 mm) between the holder and the rod.  
A gap can be created by rotating the holder slightly outward.

- (3) Use the screw (1) to fix the umbrella ring to the holder.

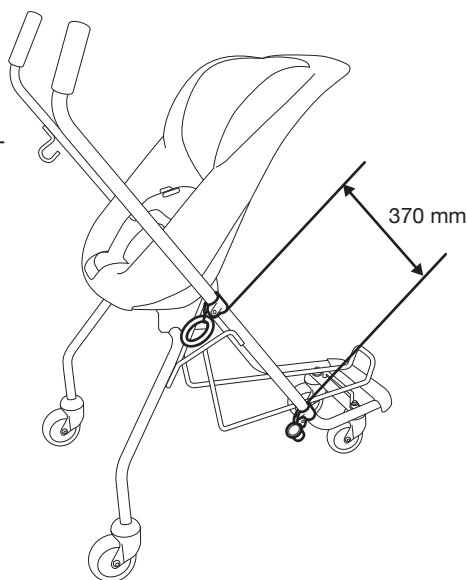
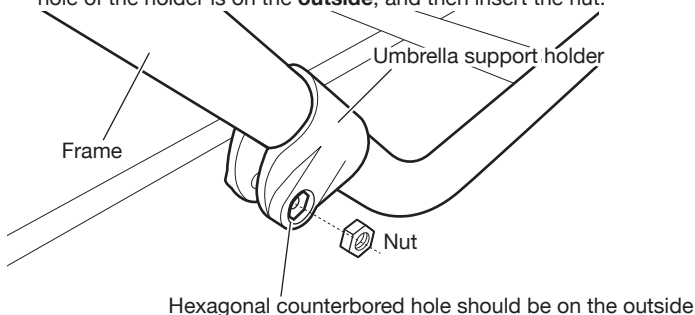
Umbrella ring should locate directly below the frame



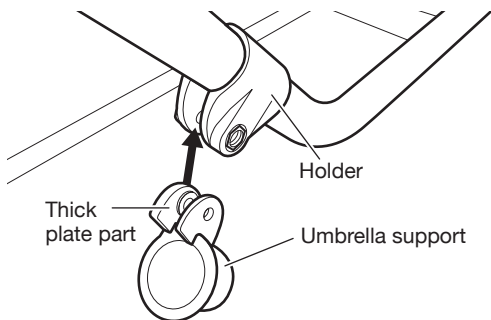
## ② Install the Umbrella support.

Install the Umbrella support 370 mm from the Umbrella ring. Install while following Step (1) through (5) below.

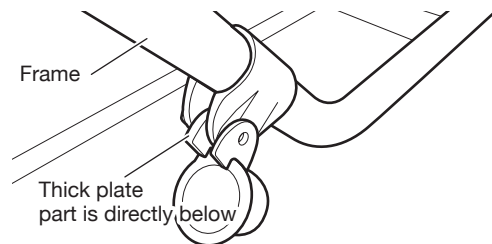
- (1) Install the support on the frame so that the hexagonal counterbored hole of the holder is on the **outside**, and then insert the nut.



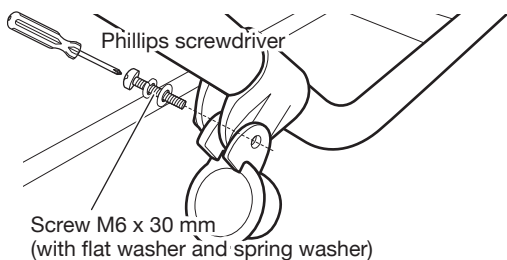
- (2) Insert the thick plate part of the umbrella support in the center of the holder.



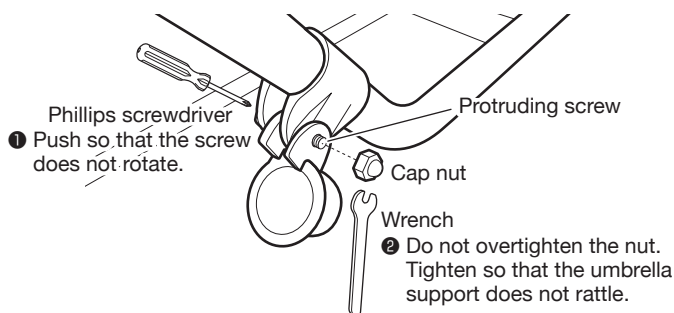
- (3) Set the thick plate part directly under the frame.



- (4) Using the Phillips screwdriver, tighten the screw (1) from the inside.



- (5) On the tip of the screw protruding outside, fit and secure the cap nut.



- Inquiries about products

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