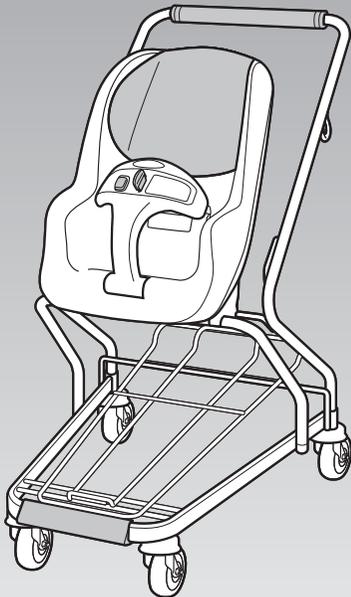


## Shopping Cart for Babies

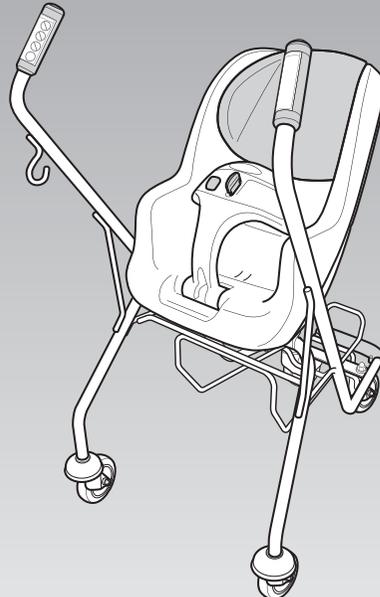
**Save this manual for future reference**

### Combi ANGEL WAGON **AW Series** Instruction Manual and Inspection Manual

**AW3 Series (Forward facing type)**



**AW4 Series (Rear facing type)**



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

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# Combi ANGEL WAGON AW Series Instruction Manual

## 1 Product Application

The Combi ANGEL WAGON AW Series (referred to as “the Product” in this manual) is a shopping cart for babies intended to be used inside supermarket, shop or any other public facility. The user may carry one infant or toddler in the cart and use it in the area with even floor.

## 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 follow them to ensure safety.

 <b>Warning</b>	Ignoring the instructions and misuse may result in severe injury or death.
 <b>Caution</b>	Ignoring the instructions and misuse may result in injury or property damage.

## 3 Precautions

 <b>Warning</b>	<ul style="list-style-type: none"><li>● <b>Do not modify the Product.</b> The strength of the Product may decrease, which may cause an accident.</li></ul>
	<ul style="list-style-type: none"><li>● <b>Carry out daily inspection, and periodic inspection once every 6 months to ensure safety.</b> If the inspections are not carried out, degradation or damage of the Product may not be discovered, which may cause injuries or serious accidents.</li></ul>
	<ul style="list-style-type: none"><li>● <b>Remove any damaged Product.</b> If a user uses a damaged Product by mistake, or if a child plays with it, it may result in an injury or a serious accident.</li></ul>
	<ul style="list-style-type: none"><li>● <b>Do not use the Product for a different purpose, such as carrying heavy loads.</b> It may damage the Product.</li></ul>

See page 8 for the inspection procedures.

 <b>Caution</b>	<ul style="list-style-type: none"><li>● <b>Do not leave the Product outside the building or in a parking lot.</b> It may be damaged or cause an accident by being hit by a car or people.</li></ul>
	<ul style="list-style-type: none"><li>● <b>Do not leave the Product in the rain.</b> It may rust or get soiled.</li></ul>

The Product is a shopping cart with children's seat. Wipe it regularly to keep it clean.

Clean also the Product after carrying out an inspection or part replacement not to leave the dirt generated by such work.

## Cleaning Method

- To clean the Product, wipe it with a dampened cloth with diluted neutral detergent, then wipe with a dampened cloth with water, and finally wipe with a dry cloth to completely remove remaining detergent and water.

### Caution

Use only neutral detergent for cleaning. (Other detergents may damage the plastic parts causing degradation, discoloration or cracks.)

## 4 Product Specifications

Product type		AW3 Series (Forward facing type) Note: The child faces the same direction as the user.		AW4 Series (Rear facing type) Note: The child faces to the users.	
Product number	Product name	AW36	Combi ANGEL WAGON AW36	AW43	Combi ANGEL WAGON REAR FACING TYPE AW43
		AW37CC2	Combi ANGEL WAGON AW37CC2 Anti-Static	AW44CC2	Combi ANGEL WAGON REAR FACING TYPE AW44CC2 Anti-Static
		AW37CC4	Combi ANGEL WAGON AW37CC4 Anti-Static	AW44CC4	Combi ANGEL WAGON REAR FACING TYPE AW44CC4 Anti-Static
Applicable ages		For children from 2 months to 3 years old (36 months)		For children from 2 month to 2 years old (24 months)	
Weight limit		Up to 15 kg		Up to 13Kg	
Dimensions (standard spec)		W572 × D904 × H966 mm		W615 × D795 × H1035 mm	
Nesting measure		200 mm		200 mm	
Weight (standard spec)		15 kg		12 kg	
Color		Mango-orange			
Material		Body: Steel (rust-proof), seat unit*: polypropylene, headrest: thermoplastic elastomer			
Options		Umbrella holder, coin lock (only available for AW3 series)			
Caster types		<ul style="list-style-type: none"> <li>• Standard (ø100) Note: Low noise</li> <li>• With stoppers (ø100)</li> <li>• Antistatic (ø100) Note: Two types available: rear casters only or four casters</li> <li>• For escalator ramps (ø100) *AW3 series (Forward facing type) only</li> <li>• For escalator ramps (ø125) *AW3 series (Forward facing type) only</li> </ul>			
Lifetime		5 years (except maintenance parts) The product must be replaced at the end of the lifetime.			

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

Note: Maintenance parts are parts intended to be replaced periodically, such as the headrest, the casters and the stickers.

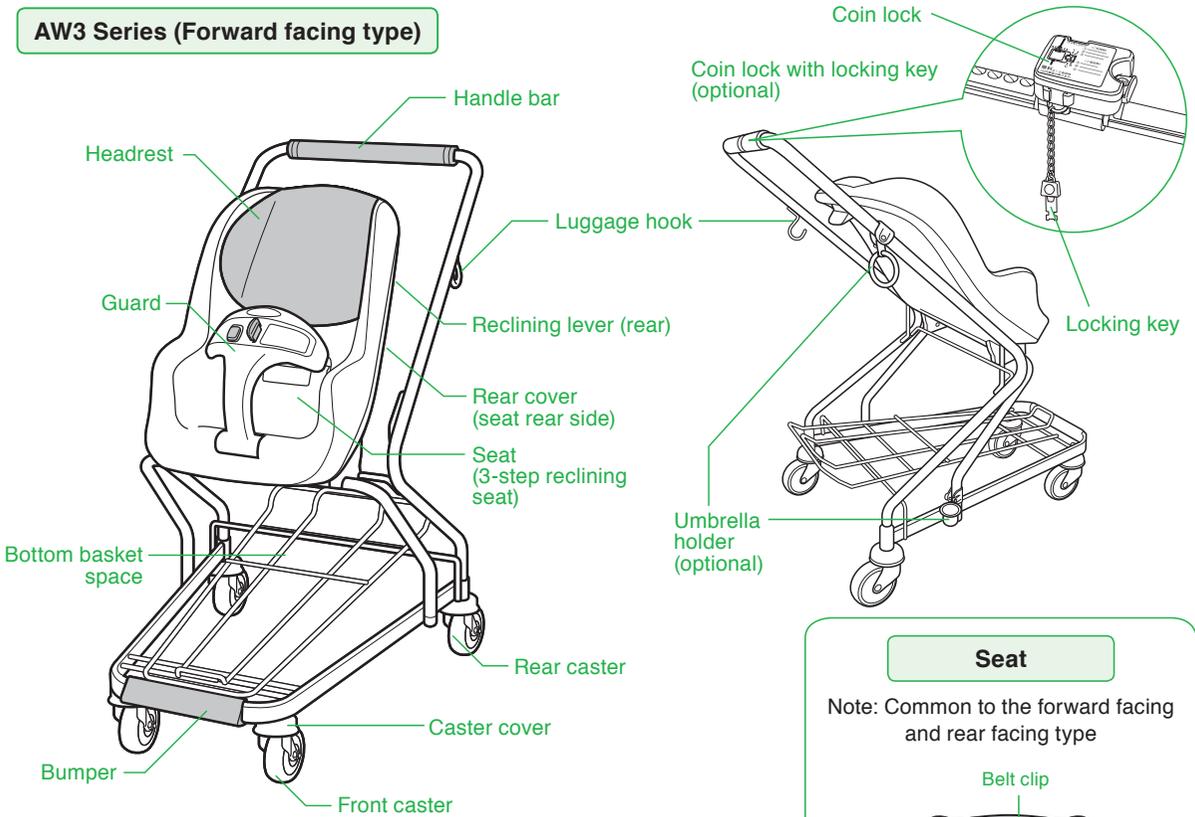
Note: Product specifications are subject to change without notice.

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

Note: Product dimensions and weight are approximate values.

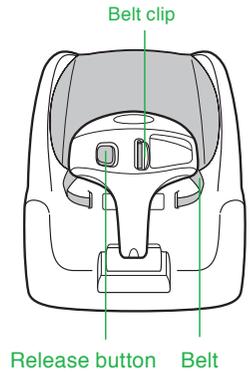
## 5 Part Names

### AW3 Series (Forward facing type)

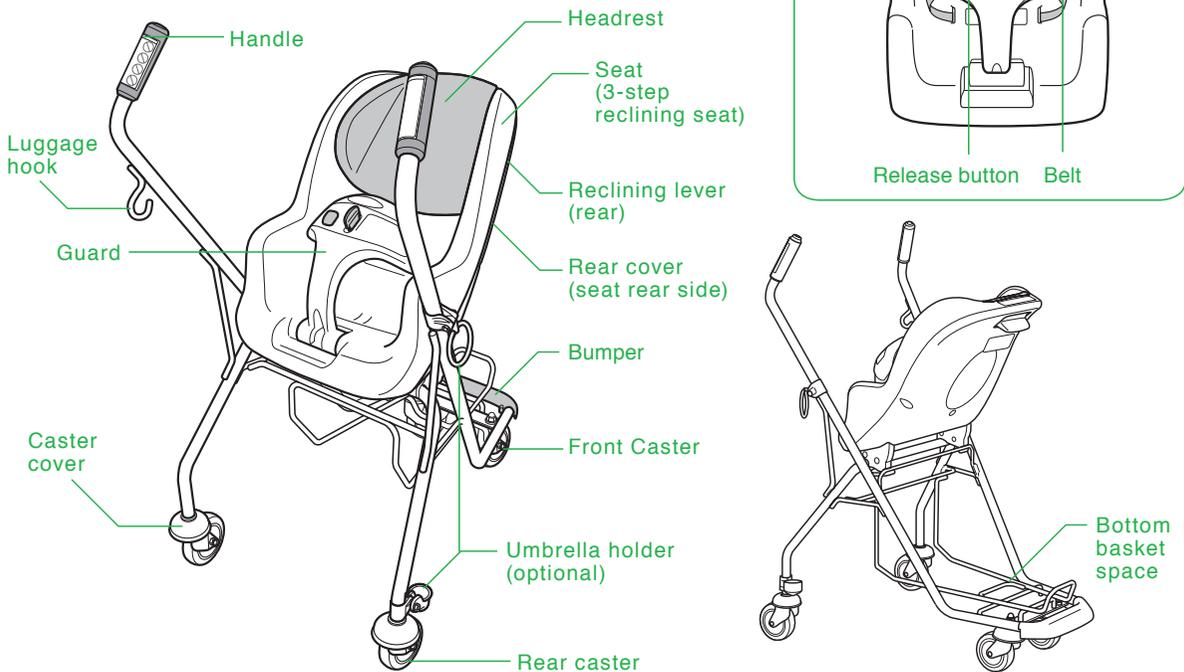


#### Seat

Note: Common to the forward facing and rear facing type



### AW4 Series (Rear facing type)



## 6 How to Use

Use the Product correctly by following the warning instructions.

### Warnings

- **Do not leave child unattended.**  
Child may fall or cause severe injury.
- **In AW4 series, do not recline the seat if the child's head exceeds the height of seatback.**  
It may lead to accidents such as the child's head hitting the wall or the in-store display.
- **Be sure to tighten the guard during use.**  
An unexpected accident may occur when it is pushed while child is leaned forward.
- **Do not use the Product on escalators or escalator ramps\*.**  
(\*Except the cart is equipped with escalator ramp casters.)  
The product may tip over or cause an unexpected accident.
- **Do not allow child stand on the Product or play with it.**  
Child may fall or cause severe injury.
- **Do not press down seatback strongly.**  
The seat may get damaged and child may fall or cause severe injury.
- **Do not place your child or any luggage onto the seatback.**  
The seat may get damaged and child may fall or cause severe injury.
- **Your child must be in the dedicated seat. Do not place them in the shopping basket.**  
Child may fall or cause severe injury.
- **Pay attention to child not to fall from the seat and avoid finger entrapment at moving pants.**
- **Use the seat in fully reclined position until your child can sit (about 7 months in age).**  
An unexpected accident may occur if you move the Product while your child cannot sit in a stable position.
- **Do not allow your child to play with the Product or to hang from the basket or the handle bar.**  
It may cause an unexpected accident, such as tipping over.
- **Do not overload or severely unbalance the shopping basket.**  
It may cause an unexpected accident, such as tipping over.
- **Report facility operator a deformation or damage on the Product is discovered.**
- **When using the umbrella holder(optional), pay attention that the umbrella handle does not hit surroundings.**

<When using the casters for escalator ramps>

- **Do not remove your hands from the handle bar.**
- **Do not use the Product on an uneven floor.**  
The Product may tip over and your child may fall or cause severe injury.
- **Leave a space of at least two meters between your cart and the cart in front of you.**  
The Product may hit another cart and tip over, which may cause your child to fall or cause severe injury.
- **When exiting from escalator ramp, push the Product to exit the ramp.**  
If you do not push the Product to exit, the Product may tip over and your child may fall or cause severe injury.

Note: Basket dimensions differ from the following cannot be placed in the bottom basket space.

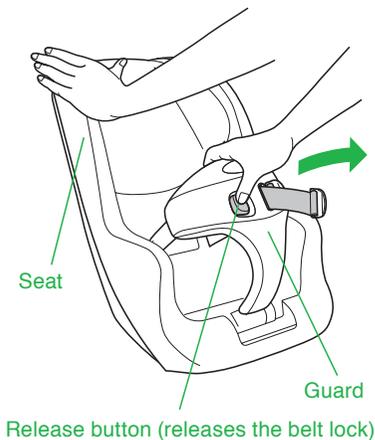
- Length 410 to 510 mm, width 300 to 360 mm, height 250 mm or less
- Length 460 to 510mm, width 340 to 360mm, Height 270mm or less

## Correct Operation

\* The illustration shows AW3(forward facing type). The usage of AW4 series is the same.

### How to use the Guard

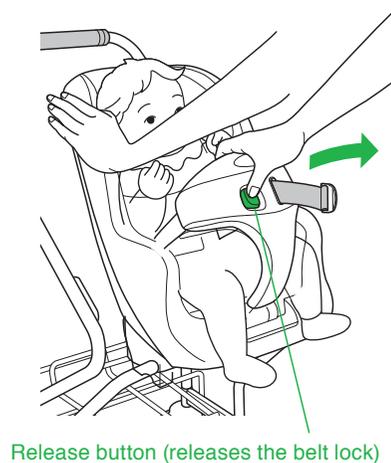
- 1 Press the release button and open the guard completely while holding the seat in place.



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

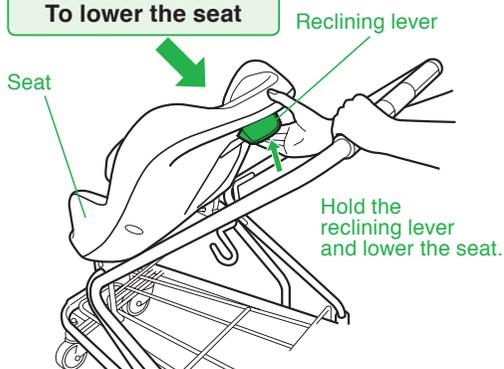


- 3 To release the guard, press the release button and pull the guard toward you while holding the seat with one hand.

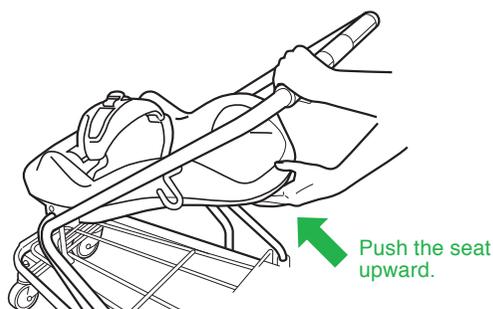


### How to Recline the Seat Note: 3 positions available

#### To lower the seat



#### To raise the seat



### How to Use the Options

#### How to use the umbrella holder

##### AW3 Series (Forward facing type)

- 1 Pass your umbrella through the umbrella ring.

Umbrella ring

- 2 Place the tip of your umbrella into the umbrella holder.

Umbrella holder



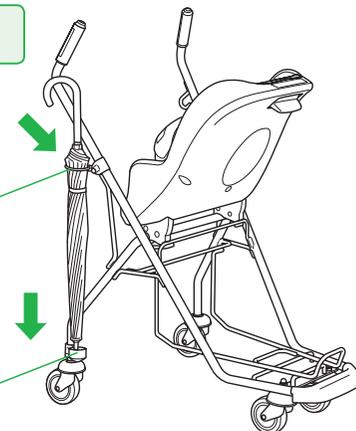
##### AW4 Series (Rear facing type)

- 1 Pass your umbrella through the umbrella ring.

Umbrella ring

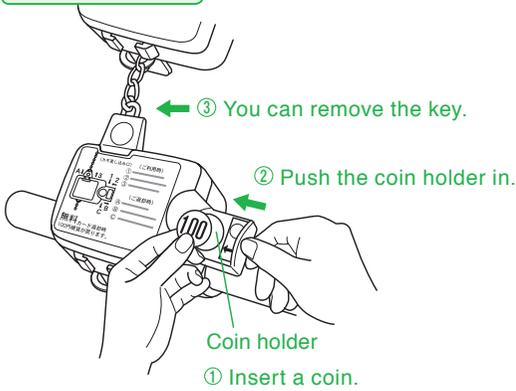
- 2 Place the tip of your umbrella into the umbrella holder.

Umbrella holder

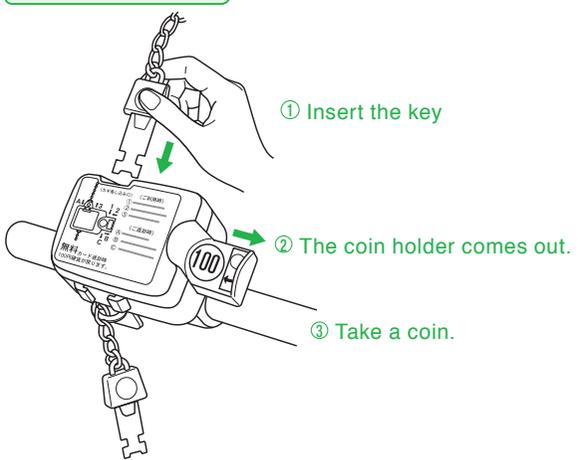


■ How to use the coin lock \*Option for AW3 series (Forward facing type)

**To take the cart** Remove the key

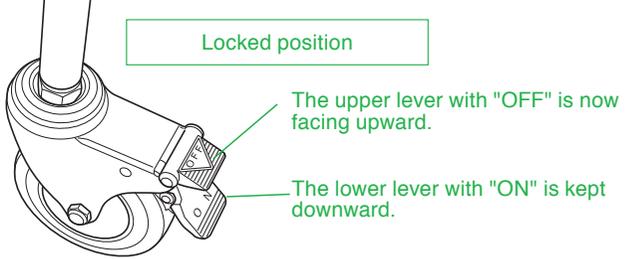
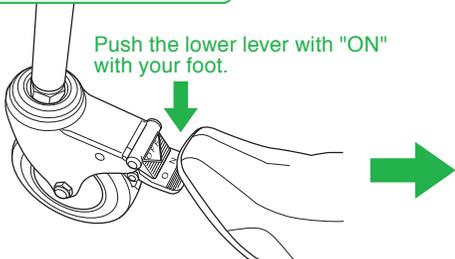


**To return the cart** Insert the key

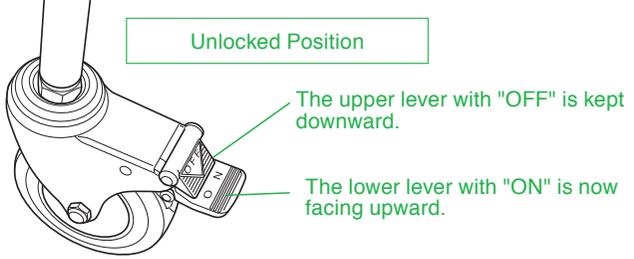
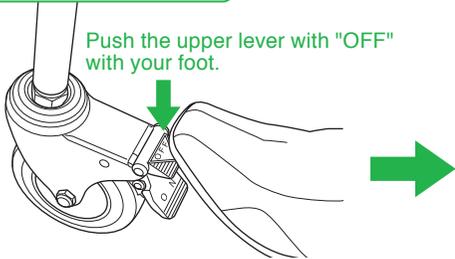


■ How to use the casters with stoppers

**To lock the stopper**



**To release the stopper**



# Combi ANGEL WAGON AW Series Inspection Manual

This manual describes the necessary daily and periodic inspection procedures required to maintain safety and comfort of the Combi ANGEL WAGON AW Series. Make sure to carry out the daily inspection procedures daily or weekly and the periodic inspection procedures once every 6 months correctly following the procedures in the manual.

## Warning

Carry out daily inspection, and 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.

**Daily Inspection** Daily inspection is carried out by visual and touching the Product. No tool is required.

**Daily or weekly**

**Periodic Inspection** Each part of the Product is inspected using tools once every 6 months.

**Once every 6 months**

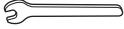
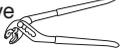
Depending on the inspection results, it may be necessary to replace a part. Note: Spare parts can be stored for 5 years after the last production date.

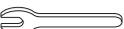
## Required Tools

\*Required tools differ based on the product. It may require special tools.

\* Other than escalator ramps and coin lock, the tools for AW3 series and AW4 series are the same.

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

Tool name	Part * indicates an option					
	Seat	Belt	Handle	Bumper AW4 Series (Rear facing type)	Umbrella holder*	Coin lock* AW3 Series (Forward facing type)
Phillips screwdriver No.2 	● (1)	● (1)		● (1)	● (1)	● (1)
10 mm wrench 	● (1)				● (1)	
Box-end wrench 8 mm 	● (1)	● (1)				
Hex key 4 mm 	● (1)					
Hex key 2.5 mm 	● (1)	● (1)				
Precision flat blade screwdriver 			● (1)			● (1)
Tongue-and-groove pliers 			● (1)			

Tool name	Caster type				
	Standard (ø100)	With stopper (ø100)	2 or 4 antistatic casters (ø100)	For escalator ramps (ø100) AW3 Series (Forward facing type)	For escalator ramps (ø125) AW3 Series (Forward facing type)
19 mm wrench 	● (2)	● (1)	● (2)	● (1)	● (1)
Dedicated wrench 21-23 mm 		● (1)		● (1)	
Hex key 10 mm 					● (1)

## Warning

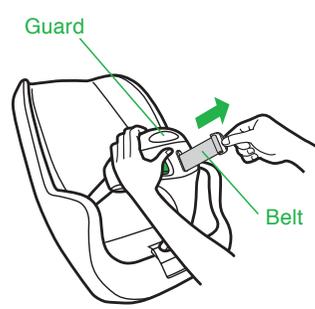
Do not use any object or tool other than the parts already installed to the product at the time of delivery, and the parts and tools specified. It may cause damage, malfunction or unexpected accidents.

# 1 Daily Inspection

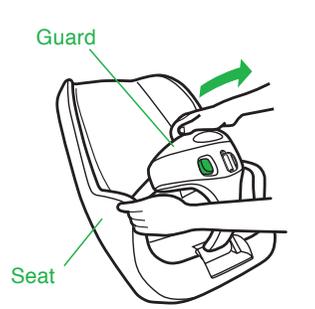
## A Checking Function

Inspection item	Inspection method	Validation criterion	Measure in case of defect
① Locking and releasing of the guard belt	Movement/Visual check/Touch	The belt can be locked and released.	Repair
② 3 reclining positions	Movement/Visual check/Touch	The seat can recline to the 3 positions.	Repair
③ Reclining lock	Movement/Visual check/Touch	The seat securely stops at the 3 reclining positions.	Repair
④ Caster rotation	Movement/Visual check/Touch the rotation movement	The casters rotate smoothly.	Replacement

### Checking Guard



① Pull the belt while pushing the guard to check that the guard closes.

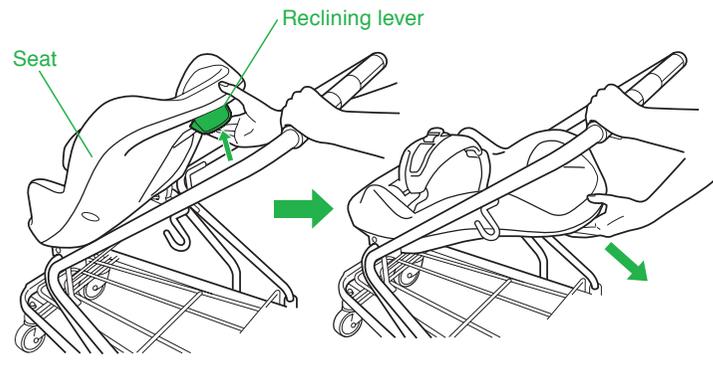


② Pull on the top of the guard while holding the seat in place to check that the guard does not open.

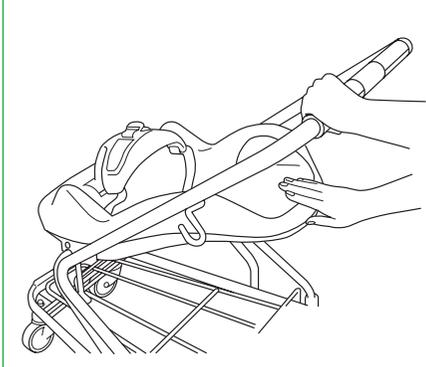


③ Press the release button and pull the guard toward you while holding the seat with one hand to check that the guard opens.

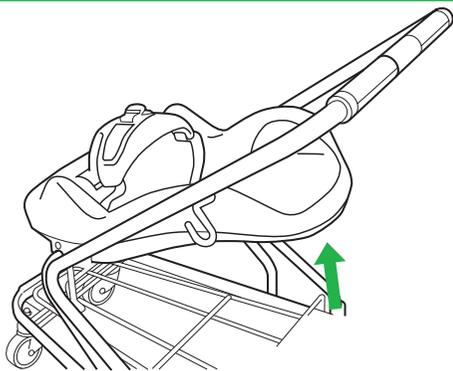
### Checking Reclining Function \* The illustration shows AW3(forward facing type). The way to check reclining function of AW4 series is the same.



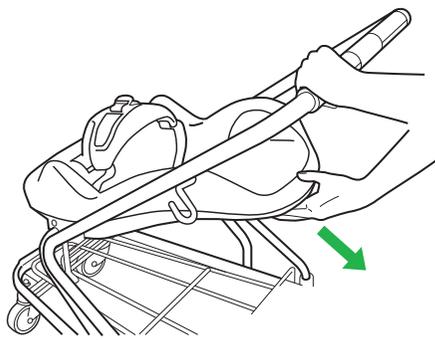
① Raise the reclining lever to check that the lock is released, and, with the lever in the raised position, lower the seat to check that it reclines (3 positions).



② Push lightly the seat from the top to check that the seat is locked in position.



③ Push the top of the seat upward from the rear to check that it stops in each reclining position (medium and upper positions).



④ If the seat does not stop at the three reclining positions or it moves to a position almost horizontal, or if it rotates to the bottom side, it means that the seat is defective. In such a case, stop immediately using the Product and contact the CombiWith Service Center.

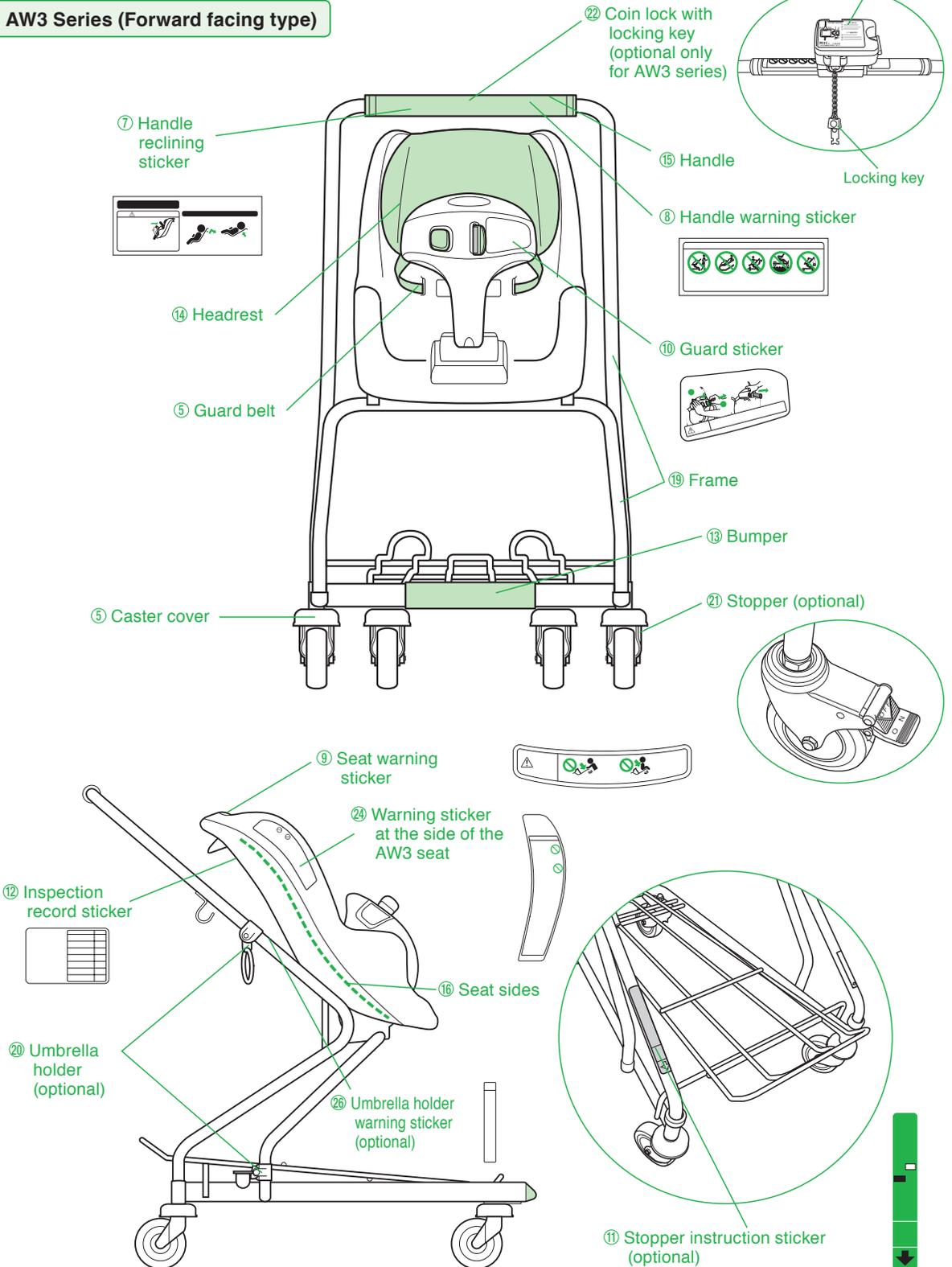
## B Checking External Appearance

Inspection item	Inspection method	Validation criterion	Measure in case of defect
⑤ Damage on the guard belt	Visual check/ Touch	There is no damage.	Replacement
⑥ Damage or loss of the caster covers	Visual check/ Touch	The caster covers are not damaged or lost.	Replacement
⑦ Legibility of the handle reclining sticker	Visual check	The sticker is correctly stuck and the indication is legible.	Replacement
⑧ Legibility of the handle warning sticker	Visual check	The sticker is correctly stuck and the indication is legible.	Replacement
⑨ Legibility of the seat warning sticker	Visual check	The sticker is correctly stuck and the indication is legible.	Replacement
⑩ Legibility of the guard sticker	Visual check	The sticker is correctly stuck and the indication is legible.	Replacement
⑪ Legibility of the stopper instruction sticker (optional)	Visual check	The sticker is correctly stuck and the indication is legible.	Replacement
⑫ Legibility of the inspection sticker	Visual check	The sticker is correctly stuck and the indication is legible.	Replacement
⑬ Damage or loss of the bumper	Visual check/ Touch	The bumper is not damaged or lost.	Replacement
⑭ Damage, loss or incorrect assembly of the headrest	Visual check/ Touch	The headrest is not damaged or lost, and is correctly assembled.	Replacement
⑮ Damage or loss of the handle bar.	Visual check/ Touch	The handle is not damaged or lost.	Replacement
⑯ Damage or missing part of the seat	Visual check/ Touch	There is no damage.	Repair
⑰ Peeling paint	Visual check/ Touch	The paint is not peeling.	Repair
⑱ Cracked or damaged welds	Visual check/ Touch	No weld is cracked or damaged.	Stop using the product
⑲ Deformation of the frame	Visual check/ Touch	There is no deformation.	Stop using the product
⑳ Damage or loss of the umbrella holder (optional)	Visual check/ Touch	The umbrella holder is not detached or lost.	Replacement
㉑ Damage on the stoppers (optional)	Visual check/ Touch	There is no damage.	Replacement
㉒ Damage, loss or incorrect position of the coin lock (Optional only for AW3 series)	Visual check/ Touch	The coin lock is not damaged or lost, and is correctly secured.	Replacement
㉓ Legibility of the warning sticker at the guard of the AW4 series (Optional only for AW4 series)	Visual check	The sticker is correctly stuck and the indication is understandable.	Replacement
㉔ Legibility of the warning sticker at the side of the AW3 seat (Optional only for AW3 series)	Visual check	The sticker is correctly stuck and the indication is understandable.	Replacement
㉕ Legibility of the warning sticker at the side of AW4 series seat (Optional only for AW4 series)	Visual check	The sticker is correctly stuck and the indication is understandable.	Replacement
㉖ Legibility of the umbrella holder warning sticker (optional)	Visual check	The sticker is correctly stuck and the indication is understandable.	Replacement

Checking External Appearance

Check the entire frame. ⑰ Peeling paint ⑱ Cracked or damaged welds

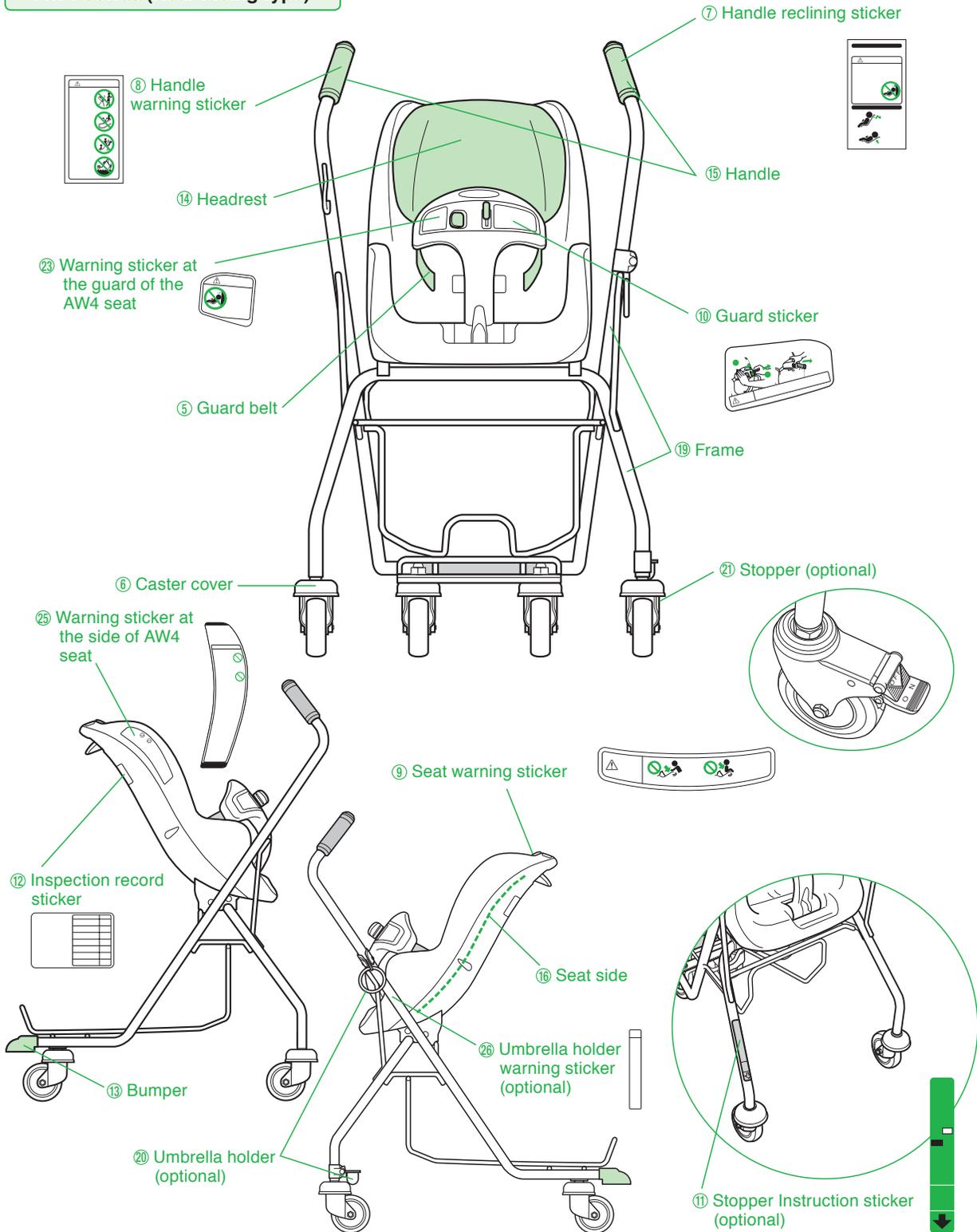
AW3 Series (Forward facing type)



## Checking External Appearance

Check the entire frame. ⑰ Peeling paint ⑱ Cracked or damaged welds

### AW4 Series (Rear facing type)





Daily or Weekly

## Combi ANGEL WAGON AW Series Daily Inspection Check Sheet

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

Inspection item	Inspection method	Date						
		year						
		/	/	/	/	/	/	/
		carts						
<b>Verification of operation</b>								
① Locking and releasing of the guard belt	Movement/Visual check/Touch							
② 3 positions of reclining	Movement/Visual check/Touch							
③ Reclining lock	Movement/Visual check/Touch							
④ Caster rotation	Movement/Visual check/Touch the rotation movement							
<b>Checking of external appearance</b>								
⑤ Damage on the guard belt	Visual check/Touch							
⑥ Damage or loss of the caster covers	Visual check/Touch							
⑦ Legibility of the handle reclining sticker	Visual check							
⑧ Legibility of the handle warning sticker	Visual check							
⑨ Legibility of the seat warning sticker	Visual check							
⑩ Legibility of the guard sticker	Visual check							
⑪ Legibility of the stopper instruction sticker (optional)	Visual check							
⑫ Legibility of the inspection sticker	Visual check							
⑬ Damage or loss of the bumper	Visual check/Touch							
⑭ Damage, loss or incorrect assembly of the headrest	Visual check/Touch							
⑮ Damage or loss of the handle bar	Visual check/Touch							
⑯ Damage or missing part on the sides of the seat	Visual check/Touch							
⑰ Peeling paint	Visual check/Touch							
⑱ Cracked or damaged welds	Visual check/Touch							
⑲ Deformation of the frame	Visual check/Touch							
⑳ Damage or loss of the umbrella holder (optional)	Visual check/Touch							
㉑ Damage on the stoppers (optional)	Visual check/Touch							
㉒ Damage, loss or incorrect position of the coin lock (Optional only for AW3 series)	Visual check/Touch							
㉓ Legibility of the warning sticker at the guard of the AW4 series (Optional only for AW4 series)	Visual check							
㉔ Legibility of the warning sticker at the side of the AW3 seat (Optional only for AW3 series)	Visual check							
㉕ Legibility of the warning sticker at the side of AW4 series seat (Optional only for AW4 series)	Visual check							
㉖ Legibility of the umbrella holder warning sticker (optional)	Visual check							
Inspected by								
Approved by								

If a problem is found during an inspection, **stop using the Product** and contact the Service Center.

Remark

## 2 Periodic Inspection

### A Checking the Casters

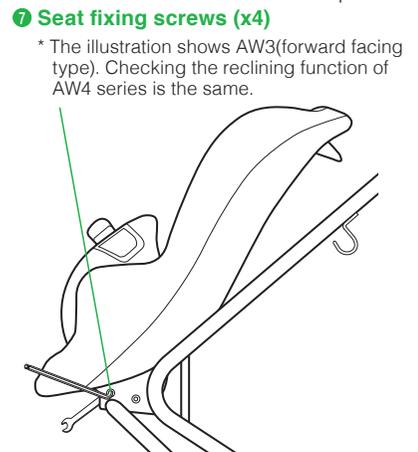
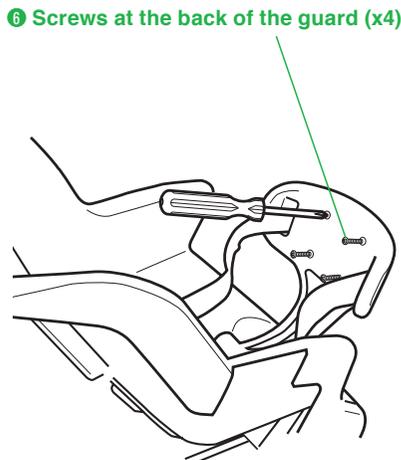
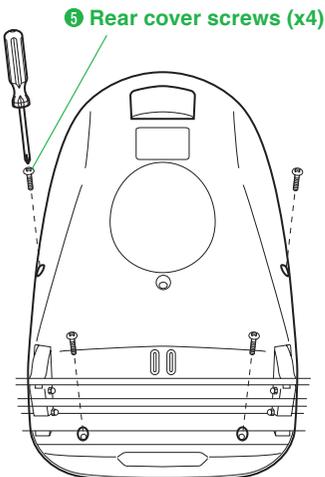
Inspection item	Inspection method	Validation criterion	Measure in case of defect
❶ Tightness of the front casters	Wrench / Hex key	The part is not loose.	Tighten
❷ Tightness of the rear casters	Wrench / Hex key	The part is not loose.	Tighten
❸ Caster rotation	Movement/Visual check/ Touch the rotation movement	The casters rotate smoothly. (Any piece of string or hair caught in the casters must be removed.)	Replacement
❹ Wear of the caster tire	Visual check	There is no uneven wear.	Replacement

See the “Caster replacement procedure” on page 16 to 20 for more details.

### B Checking the Tightness of the Screws

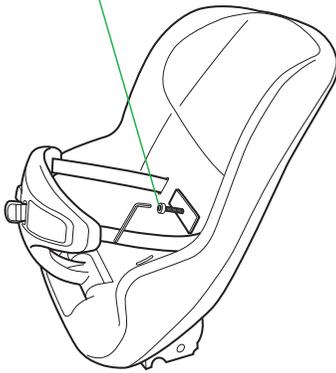
Inspection item	Inspection method	Validation criterion	Measure in case of defect
❶ Rear cover screws (x4)	Visual check/Touch (Phillips screwdriver)	The part is not loose.	Tighten
❷ Screws at the back of the guard (x4)	Visual check/Touch (Phillips screwdriver)	The part is not loose.	Tighten
❸ Seat fixing screws (x4)	Visual check/Touch (hex key)	The part is not loose.	Repair
❹ Hex socket bolt fixing the belt cover (x1)	Visual check/Touch (hex key)	The part is not loose.	Tighten
❺ Umbrella holder fixing screw (one for the umbrella ring and one for the umbrella holder)*	Visual check/Touch (Phillips screwdriver)	The part is not loose.	Tighten
❻ Locking key fixing screw (x1)*	Visual check/Touch (Phillips screwdriver)	The part is not loose.	Tighten
❼ Coin lock fixing screws (x2)*	Visual check/Touch (Phillips screwdriver)	The part is not loose.	Tighten

Parts with \* are optional.



Parts with \* are optional.

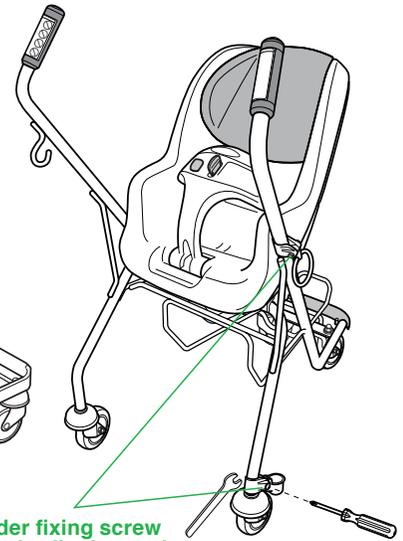
③ Hex socket bolt fixing the belt cover (x1)



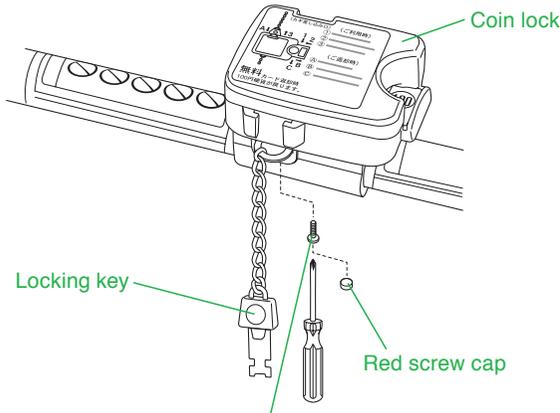
AW3 Series  
(Forward facing type)



AW4 Series  
(Rear facing type)

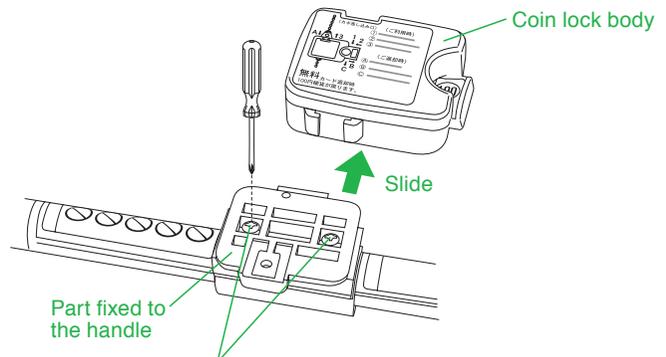


⑨ Umbrella holder fixing screw (one for the umbrella ring and one for the umbrella holder)\*



⑩ Locking key fixing screw (x1)\*

Remove the red screw cap at the bottom of the coin lock to reach to the locking key fixing screw.



⑪ Coin lock fixing screws (x2)\*

Slide the coin lock body in the direction of the arrow and remove it from the part fixed to the handle to reach to the coin lock fixing screw.

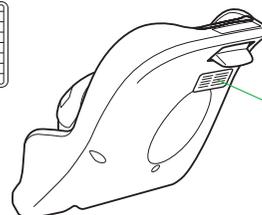
## C Record of Inspection Date

After a periodic inspection, in addition to filling the following check sheet, write the date of the inspection on the "Inspection record sticker" stuck on the rear cover.

You may also order additional inspection stickers (for a fee) if needed.



Inspection record sticker



Inspection record sticker

Stuck below the reclining lever.

### Combi ANGEL WAGON AW Series Periodic Inspection Check sheet

Make copies of this page for inspections. Keep this check sheet after filling it.  
Refer to the daily inspection instructions for the operation and external appearance verification.

Inspection item	Inspection method	Date	Date	Date	Date	Date	Date
		year	year	year	year	year	year
		/	/	/	/	/	/
		carts	carts	carts	carts	carts	carts
<b>Casters</b>							
① Tightness of the front casters	Wrench / Hex key						
② Tightness of the rear casters	Wrench / Hex key						
③ Caster rotation	Movement/Visual check/Touch the rotation movement						
④ Wear of the caster tire	Visual check						
<b>Tightness of the screws</b>							
⑤ Rear cover screws (x4)	Visual check/Touch (Phillips screwdriver)						
⑥ Screws at the back of the guard (x4)	Visual check/Touch (Phillips screwdriver)						
⑦ Seat fixing screws (x4)	Visual check/Touch (hex key)						
⑧ Hex socket bolt fixing the belt cover (x1)	Visual check/Touch (hex key)						
⑨ Umbrella holder fixing screw (one for the umbrella ring and one for the umbrella holder)*	Visual check/Touch (Phillips screwdriver)						
⑩ Locking key fixing screw (x1)*	Visual check/Touch (Phillips screwdriver)						
⑪ Coin lock fixing screws (x2)*	Visual check/Touch (Phillips screwdriver)						
<b>Checking of operation</b>							
① Locking and releasing of the guard belt	Movement/Visual check/Touch						
② 3 positions of reclining	Movement/Visual check/Touch						
③ Reclining lock	Movement/Visual check/Touch						
④ Caster rotation	Movement/Visual check/Touch the rotation movement						
<b>Checking of external appearance</b>							
⑤ Damage on the guard belt	Visual check/Touch						
⑥ Damage or loss of the caster covers	Visual check/Touch						
⑦ Legibility of the handle reclining sticker	Visual check						
⑧ Legibility of the handle warning sticker	Visual check						
⑨ Legibility of the seat warning sticker	Visual check						
⑩ Legibility of the guard sticker	Visual check						
⑪ Legibility of the stopper instruction sticker (optional)	Visual check						
⑫ Legibility of the inspection sticker	Visual check						
⑬ Damage or loss of the bumper	Visual check/Touch						
⑭ Damage, loss or incorrect assembly of the headrest	Visual check/Touch						
⑮ Damage or loss of the handle bar	Visual check/Touch						
⑯ Damage or missing part on the seat	Visual check/Touch						
⑰ Peeling paint	Visual check/Touch						
⑱ Cracked or damaged welds	Visual check/Touch						
⑲ Deformation of the frame	Visual check/Touch						
⑳ Damage or loss of the umbrella holder (optional)	Visual check/Touch						
㉑ Damage on the stoppers (optional)	Visual check/Touch						
㉒ Damage, loss or incorrect assembly of the coin lock (Optional only for AW3 series)	Visual check/Touch						
㉓ Legibility of the warning sticker at the guard of the AW4 series (Optional only for AW4 series)	Visual check						
㉔ Legibility of the warning sticker at the side of the AW3 seat (Optional only for AW3 series)	Visual check						
㉕ Legibility of the warning sticker at the side of AW4 series seat (Optional only for AW4 series)	Visual check						
㉖ Legibility of the umbrella holder warning sticker (optional)	Visual check						
Inspected by							
Approved by							

If a problem is found during an inspection, **stop immediately using the Product** and contact the Service Center.

Remark

# Combi ANGEL WAGON AW Series Part Replacement Procedures

In case you find a problem during the daily or periodic inspection and you need to replace a part, read carefully the following replacement procedure to carry out the replacement properly.

## Headrest Replacement Procedure <AW3 Series, AW4 Series>

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

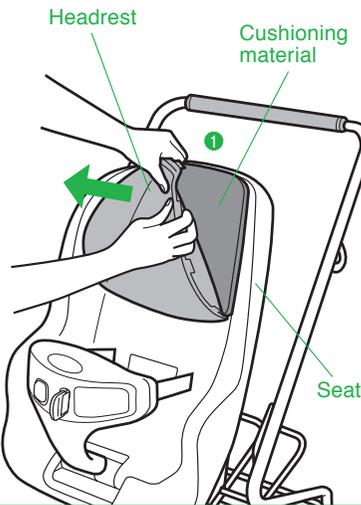


**Warning** Always inspect the new part after replacement following the daily inspection procedure.

\*The illustration shows AW3(forward facing type). The changing procedure of AW4 series is the same.

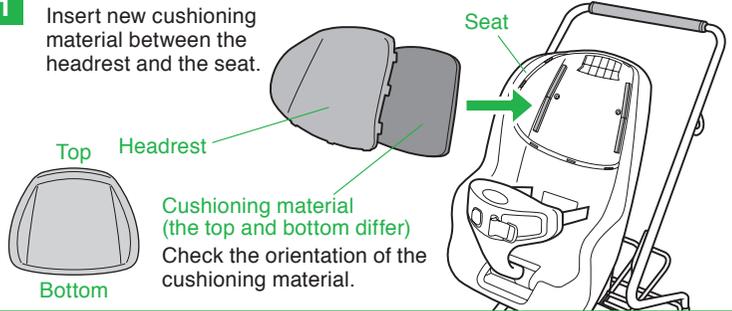
### Removal

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



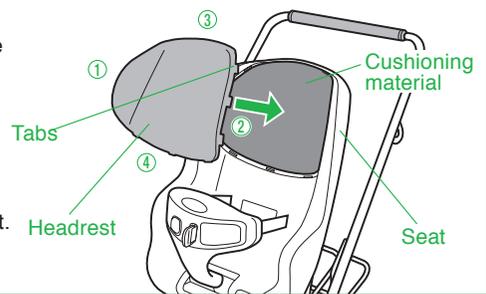
### Installation

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



**2** Insert strongly the headrest tabs into the seat in the following order: ① to ④.

Check that there is no gap between the headrest and the seat.



## Caster Replacement Procedure

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

(Caster type)

**1** Standard (ø100) \*Low noise

\*The same procedure applies to antistatic casters (ø100), since they have the same shape.

**2** With stoppers (ø100)

**3** For escalator ramps (ø100)

**4** For escalator ramps (ø125)

### Warning

- Tighten the caster at a minimum torque of 42 N·m. If the casters are loose, they will detach from the cart, which may lead to an injury or a serious accident. Note: If you do not have a torque wrench, tighten the casters strongly using a wrench with a handle of 250 mm or more in length.
- Always inspect the new part after replacement following the periodic inspection procedure.

### Caution

- After installing a new caster, always check that it can change the direction easily and the wheel rotates smoothly.
- After installing a new caster, always check that the caster cover rotates without problem.
- Always replace the right and left casters together.

# 1 Standard Caster (ø100) Replacement Procedure Note: The same procedure applies to antistatic casters (ø100), since they have the same shape.

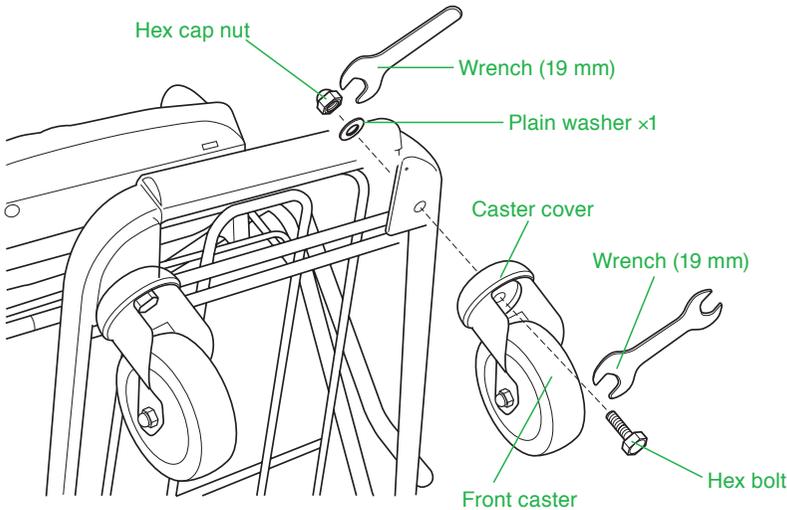
\*The illustration shows AW3(forward facing type). The changing procedure of AW4 series is the same.

The tools on the right are required for this procedure.

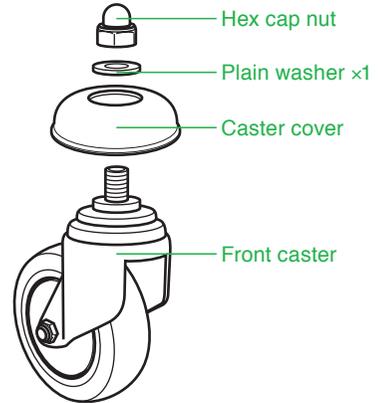


● Wrench (19 mm) x2

## Front Casters



ø100 standard front casters



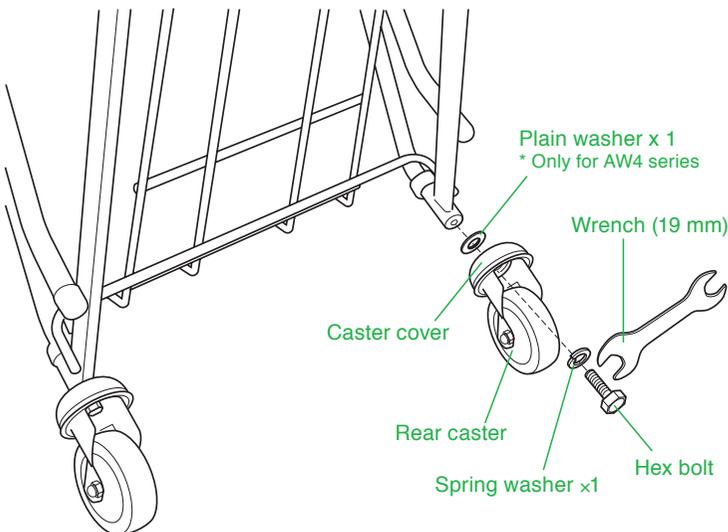
### ● Removal

1. While holding the hex cap nut in place with the wrench (19 mm), rotate the bolt counterclockwise using the other wrench (19 mm).
2. Remove the caster and the washer.

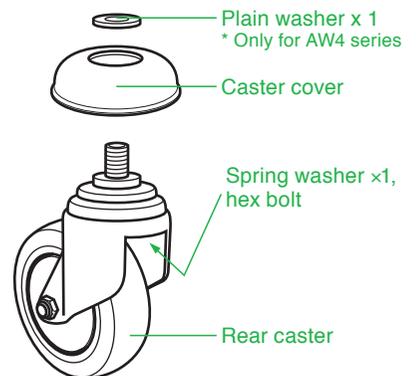
### ● Installation

Install the caster following the removal procedure in the reverse order and tighten it securely using the wrench.

## Rear Casters



ø100 standard rear caster



### ● Removal

1. Rotate the bolt counterclockwise using the wrench (19 mm).
2. Remove the caster and the spring washer.

### ● Installation

Install the caster following the removal procedure in the reverse order and tighten it securely using the wrench.

## 2 Replacement Procedure for Casters with Stoppers (ø100)

\*The illustration shows AW3(forward facing type). The changing procedure of AW4 series is the same.

The tools on the right are required for this procedure.

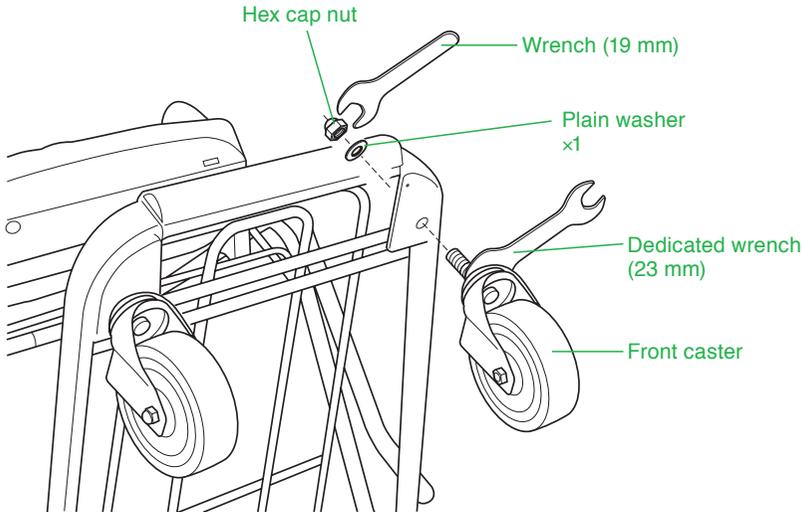


● Wrench (19 mm) x1

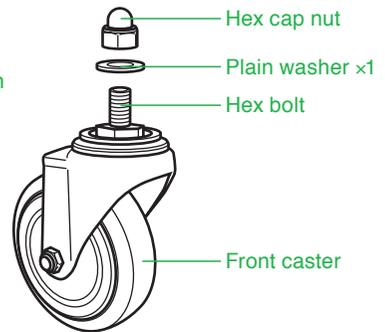


● Dedicated wrench (21 and 23 mm) x1

### Front Casters



Front casters ø100 with stopper



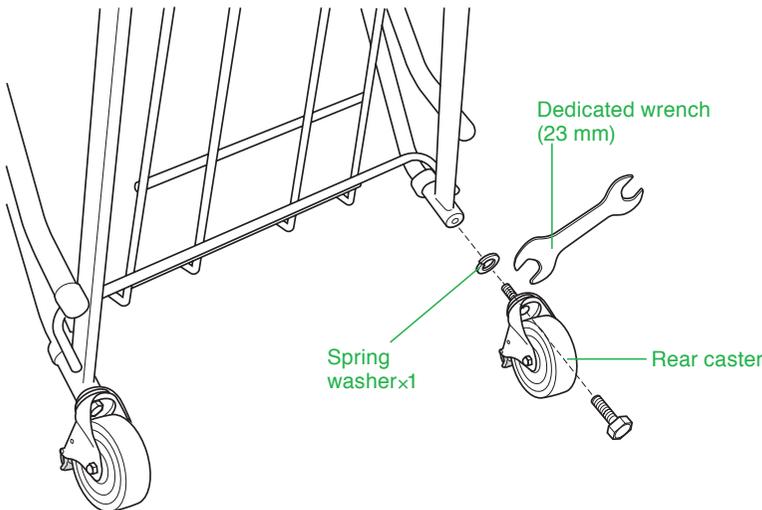
#### ● Removal

1. While holding the hex cap nut in place with the wrench (19 mm), rotate the bolt counterclockwise using the dedicated wrench (23 mm).
2. Remove the caster and the washer.

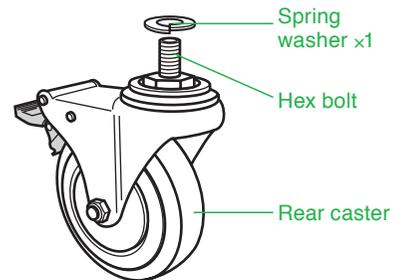
#### ● Installation

Install the caster following the removal procedure in the reverse order and tighten it securely using the wrench.

### Rear Casters



Rear caster ø100 with stopper



#### ● Removal

1. Rotate the bolt counterclockwise using the dedicated wrench (23 mm).
2. Remove the caster and the spring washer.

#### ● Installation

Install the caster following the removal procedure in the reverse order and tighten it securely using the wrench.

### 3 Replacement Procedure of Casters for Escalator Ramps (ø100) and Safety Wheels

\* Only for AW3 Series (Forward facing type)

The tools on the right are required for this procedure.

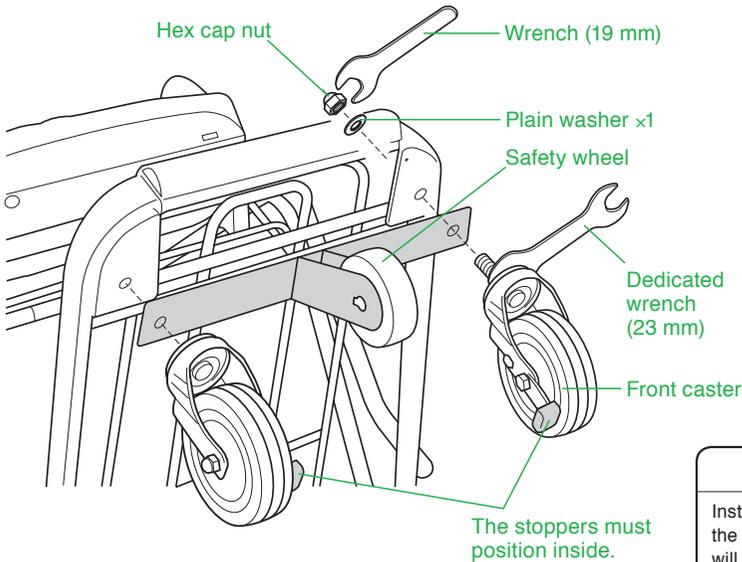


● Wrench (19 mm) ×1



● Dedicated wrench (21 and 23 mm) ×1

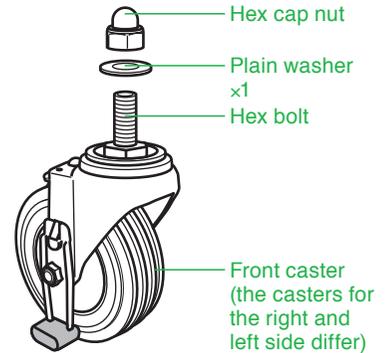
#### Front Casters



#### ● Removal

1. While holding the hex cap nut in place with the wrench (19 mm), rotate the bolt counterclockwise using the dedicated wrench (23 mm).
2. Remove the casters, the safety wheel and the washers.

Front caster (ø100) for escalator ramps



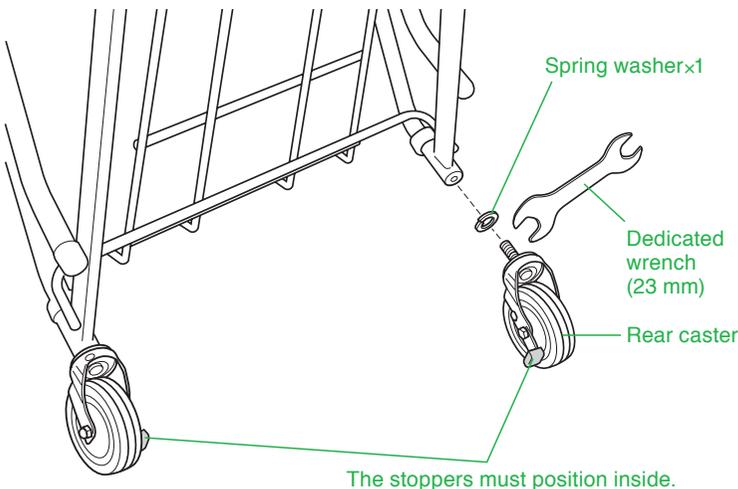
#### ⚠ Caution

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.

#### ● Installation

Install the caster following the removal procedure in the reverse order and tighten it securely using the wrench.

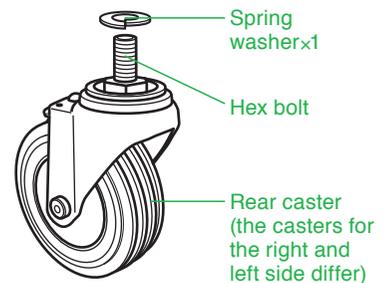
#### Rear Casters



#### ● Removal

1. Rotate the bolt counterclockwise using the dedicated wrench (23 mm).
2. Remove the caster and the spring washer.

Rear caster (ø100) for escalator ramps



#### ● Installation

Install the caster following the removal procedure in the reverse order and tighten it securely using the wrench.

## 4 Replacement Procedure of Casters for Escalator Ramps (ø125)

\* Only for AW3 Series (Forward facing type)

The tools on the right are required for this procedure.

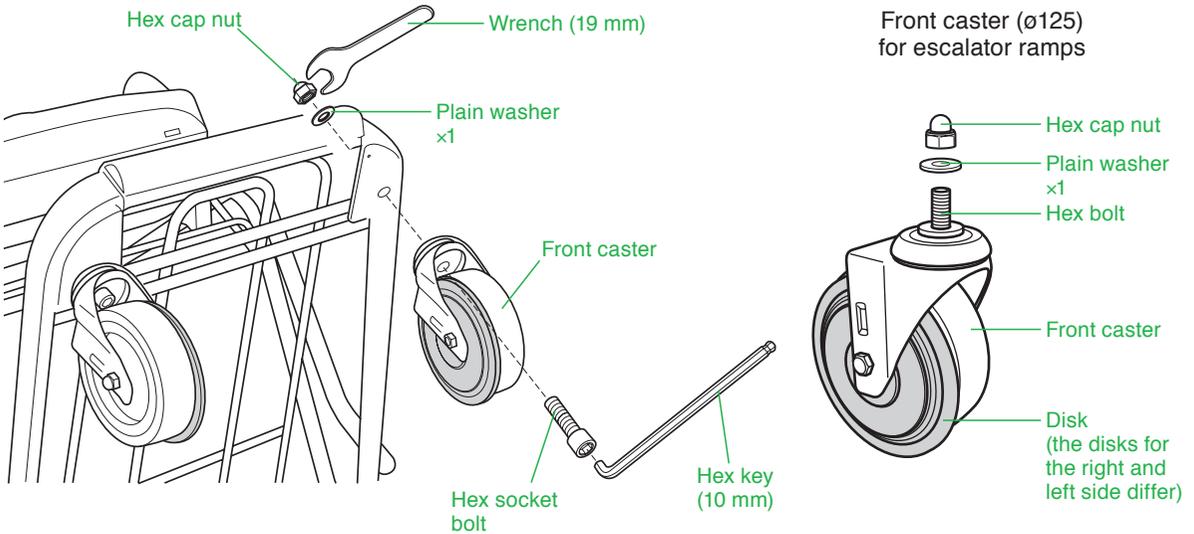


• Wrench (19 mm) x1



• Hex key (10 mm) x1

### Front Casters



#### ● Removal

1. While holding the hex cap nut in place with the wrench (19 mm), rotate the bolt counterclockwise using the hex key (10 mm).
2. Remove the caster and the washer.

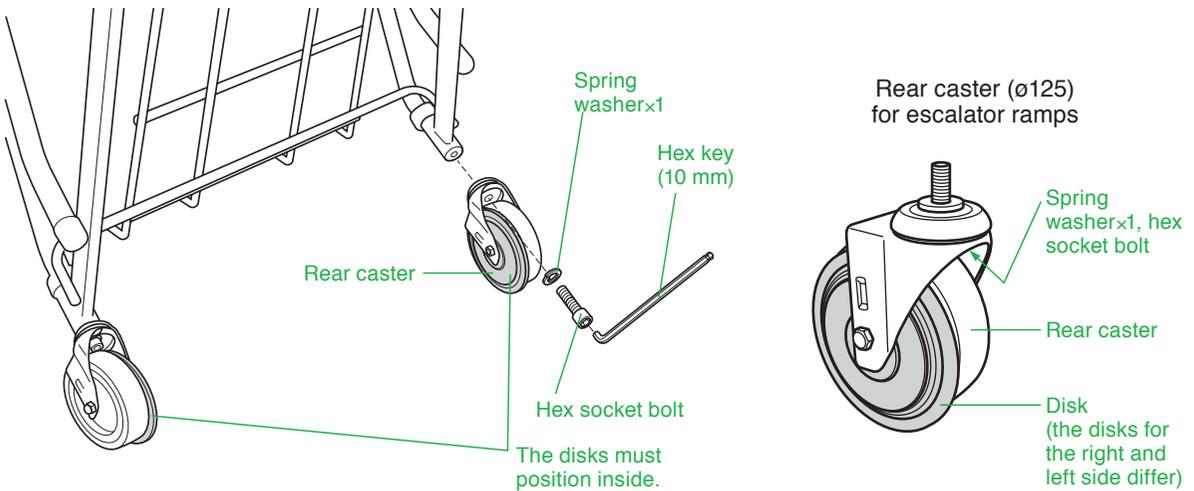
#### ● Installation

Install the caster following the removal procedure in the reverse order and tighten it securely using the wrench.

#### ⚠ 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 escalator ramps, which may cause the Product to tip over and your child to fall or have another accident. \*The same applies to the rear casters.

### Rear Casters



#### ● Removal

1. Rotate the bolt counterclockwise using the hex key (10 mm).
2. Remove the caster and the spring washer.

#### ● Installation

Install the caster following the removal procedure in the reverse order and tighten it securely using the wrench.

## Belt Replacement Procedure <AW3 Series, AW4 Series>

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

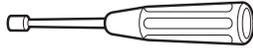


**Warning**

Always inspect the new part after replacement following the daily inspection instructions.

The tools on the right are required for this procedure.

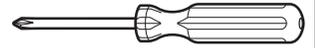
● Box-end wrench (8 mm)



● Hex key (2.5 mm)

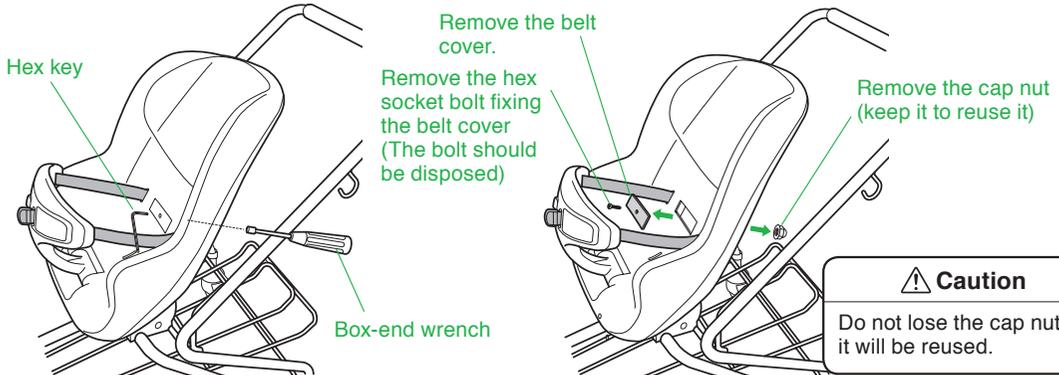


● Phillips screwdriver No.2



### Removal \*The illustration shows AW3(forward facing type). The changing procedure of AW4 series is the same.

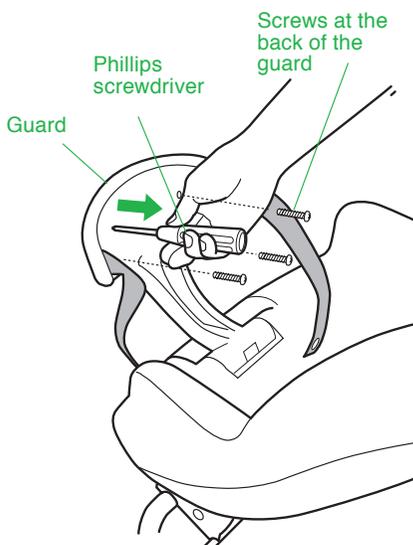
**1** Using the hex key and the box-end wrench, remove the hex socket bolt fixing the belt cover, the cap nut and belt cover.



#### **Caution**

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

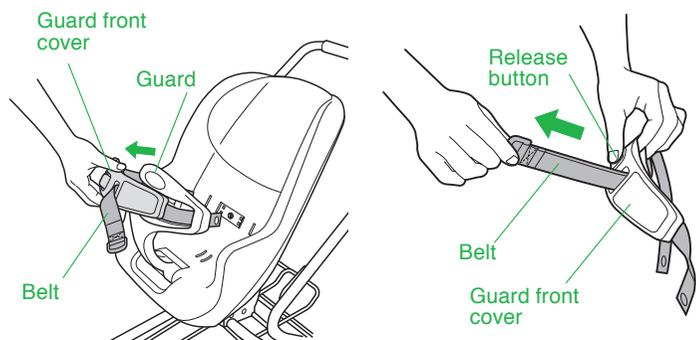
**2** Using the Phillips screwdriver, remove the four screws at the back of the guard.



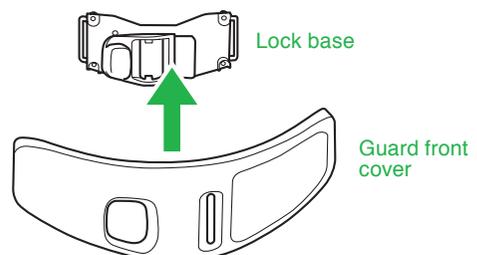
#### **Caution**

Do not lose the four screws removed from the back of the guard as they will be reused.

**3** Pull the guard front cover toward you to remove it, and pull the belt out while pressing the release button.

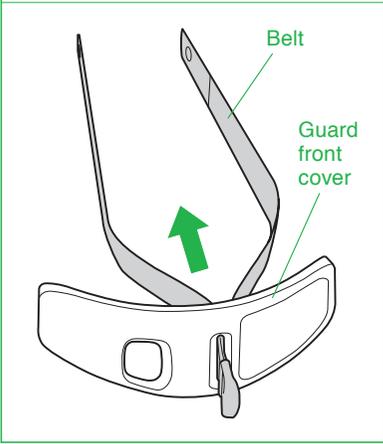


**4** Remove the lock base from the guard front cover.

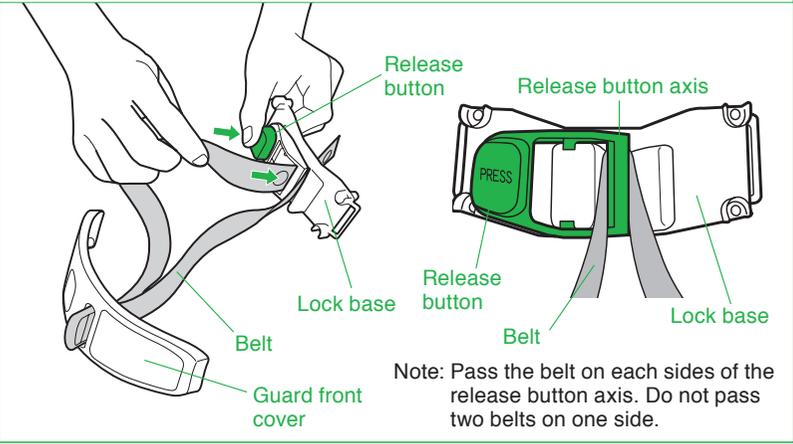


**Installation**\*The illustration shows AW3(forward facing type). The changing procedure of AW4 series is the same.

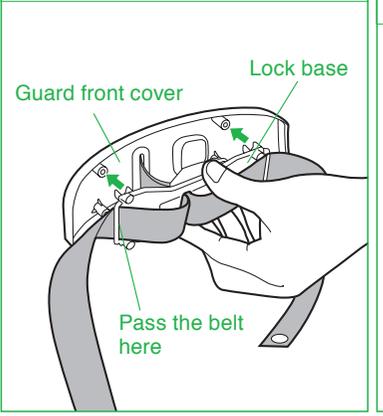
**1** Pass the belt through the guard front cover.



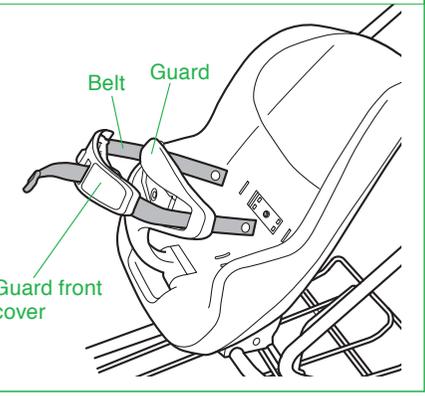
**2** While pressing the release button (green), pass the belt through the hole in the lock base (white).



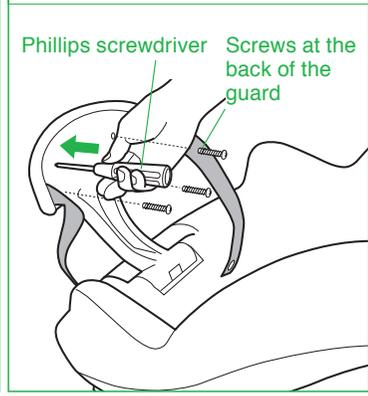
**3** Assemble the lock base to the guard front cover.



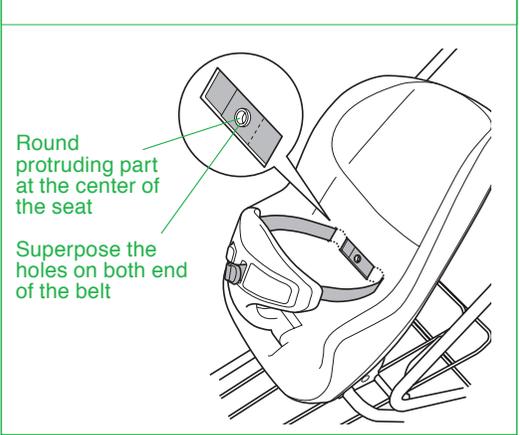
**4** Pass both end of the belt through the holes on the guard, and assemble the guard front cover to the guard.



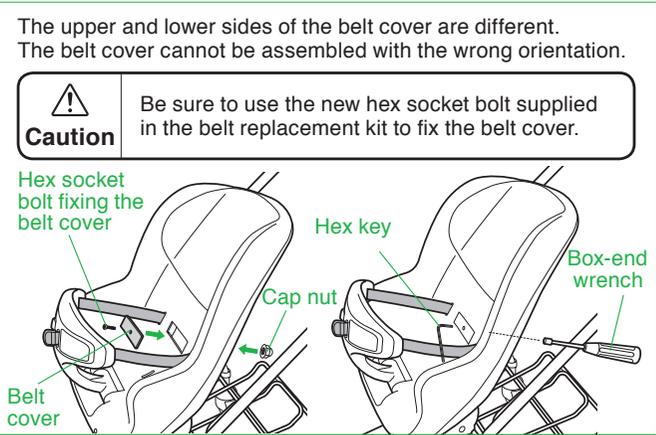
**5** Screw the four screws at the back of the guard (reuse the same screws).



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



**7** Assemble the belt cover to the seat and secure it with a hex socket bolt (a new belt cover fixing bolt with threadlocker on it) and a cap nut (reuse it).



**Warning**

- The child may fall or another accident may occur if the belt is not securely assembled. Be sure to securely assemble the hex belt.
- Check that the belt is not twisted.

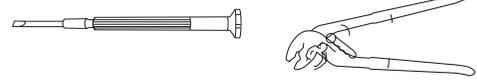
## Handle Replacement Procedure

In case you find a problem with the handle during the daily inspection, we recommend that you purchase a handle replacement kit and carry out the replacement following the procedure below.

	<p><b>Warning</b> Always inspect the new part after replacement following the daily inspection instructions.</p>
---	--

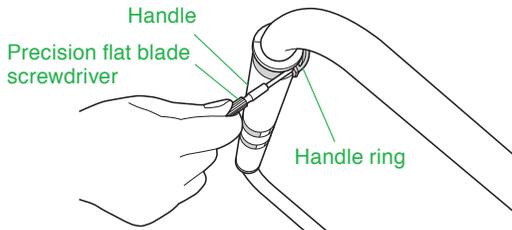
The tools below are required for this procedure.

- Precision flat blade screwdriver
- Tongue-and-groove pliers (required if the handle rings are stiff)



### AW3 Series (Forward facing type) Removal

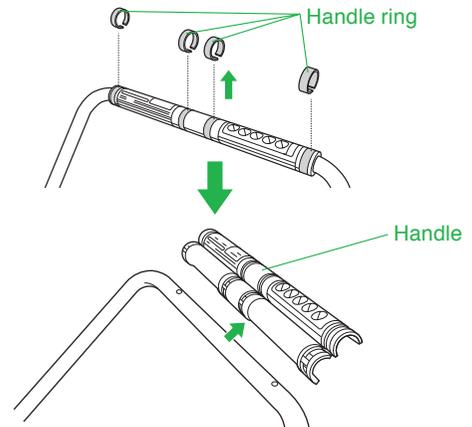
**1** Remove the handle rings using the precision flat blade screwdriver.



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

	<p><b>Caution</b> Pay attention not to injure yourself with the screwdriver tip when removing the handle rings.</p>
---	---

**2** After removal of the four handle rings, open the handle and remove it.



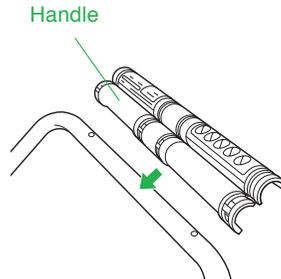
### AW3 Series (Forward facing type) Installation

Install the handle following the removal procedure in the reverse order.

- When installing the handle rings, insert them fully to the bottom side until you hear a click.

Note: Use the tongue-and-groove 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 there are no sharpe edges.



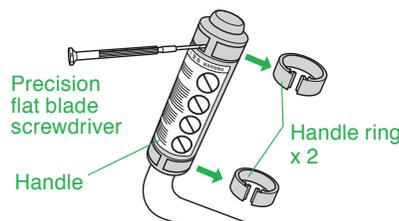
	<p><b>Warning</b> Affix the sticker indications can be read by the customer when using the Product.</p>
---	---

	<p><b>Caution</b> Always use new handle rings supplied in the handle replacement kit. The used handle rings may be damaged by the precision flat blade screwdriver during the removal procedure.</p>
---	--

### AW4 Series (Rear facing type) Removal

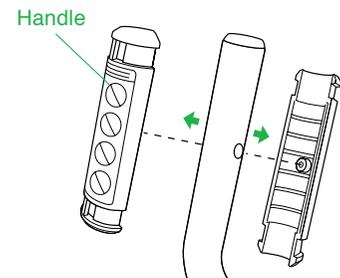
**1** Remove the handle ring using the precision flat blade screwdriver

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



	<p><b>Caution</b> Pay attention not to injure yourself with the screwdriver tip when removing the handle rings.</p>
---	---

**2** After removal of the two handle rings, separate the handle and remove it.



**AW4 Series (Rear facing type) Installation**

**1** Affix the sticker

Handle part without the boss

Inside of the handle

There are 2 kinds of handle stickers. The illustration on the right is ⑧ Handle sticker on page 12.

Outside of the black line should be folded inside the handle.

↓ Indicates folding position

**Caution** Place the sticker correctly. The handle rings can not be assembled if the sticker is not in the correct position.

**2** Assemble the handle in reverse order by inserting to the hole on the frame

Handle (with sticker)

Hole at the back of frame

There is a boss at the center of handle

**Caution** Assemble the handle after the confirming the direction of sticker is correct.

**3** Clip with handle rings

Handle

Handle ring x 2

- Make sure to insert the handle ring from the lower angle until you hear the click sound.
- \* When handle ring is too firm, use soft water plier.
- Make sure not to find any gaps or sharp edge after the assemble

**Caution**

- Make sure the stickers on both side are not the same.
- Use new handle rings enclosed. Old handle rings might be damaged by the disassembling.

**Bumper Replacement Procedure**

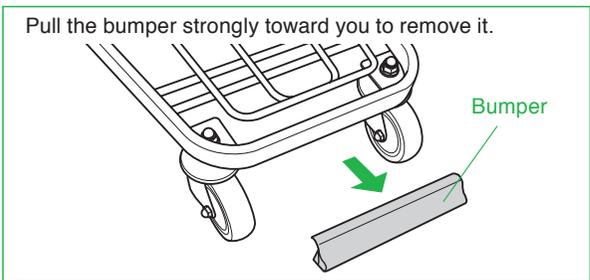
In case you find a damage on the bumper during the daily inspection, we recommend that you purchase a bumper replacement kit and carry out the replacement following the procedure below.

**Warning** Always inspect the new part after replacement following the daily inspection instructions.

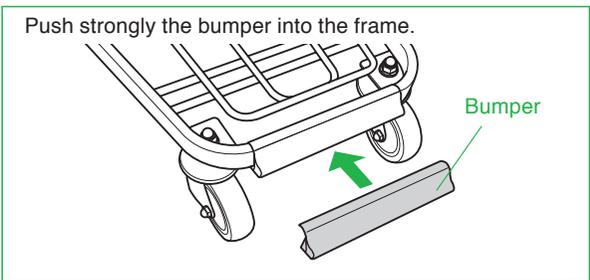
Prepare below for changing the bumper of AW4 series (rear facing type)

- Phillips screwdriver No.2

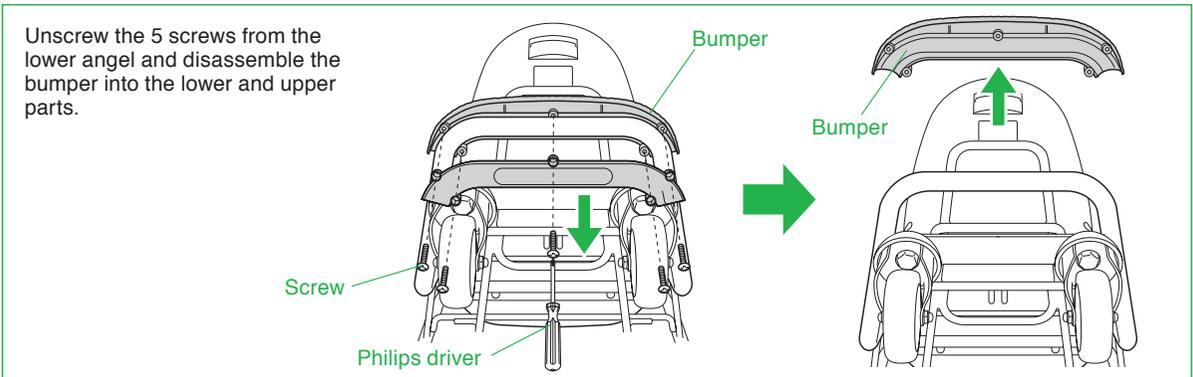
**AW3 Series (Forward facing type) Removal**



**AW3 Series (Forward facing type) Installation**



**AW4 Series (Rear facing type) Removal**



**AW4 Series (Rear facing type) Installation**

Assemble in the reverse order of the removal.

**Umbrella Holder Replacement Procedure**

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

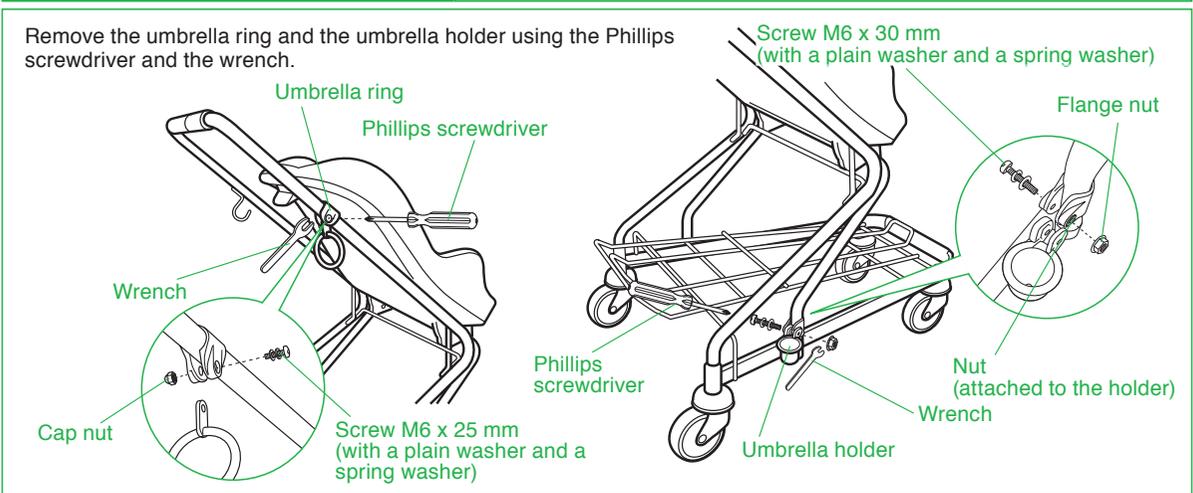
**Warning** Always inspect the new part after replacement following the daily inspection instructions.

The tools on the right are required for this procedure.

● Phillips screwdriver No.2

● Wrench (10 mm) x1

**AW3 Series (Forward facing type) Removal**



**AW3 Series (Forward facing type) Installation**

**1** Install the umbrella ring following the removal procedure in the reverse order.

Install the umbrella ring at 310 mm from the top of the handle pipe with a screw and a cap nut using the Phillips screwdriver and the wrench.

Install the ring facing toward the back of the seat.

**2** Install the umbrella holder to the frame.

Screw M6 x 30 mm (with a plain washer and a spring washer)

Orient the umbrella holder toward the handle bar and assemble it where it is in contact with the frame. The top of the holder should be at the same level as the upper edge of the frame.

Note: The screw used for the umbrella ring and the one used for the umbrella holder do not have the same length. Pay attention to use the correct screw for each part.

**AW4 Series (Rear facing type) Removal**

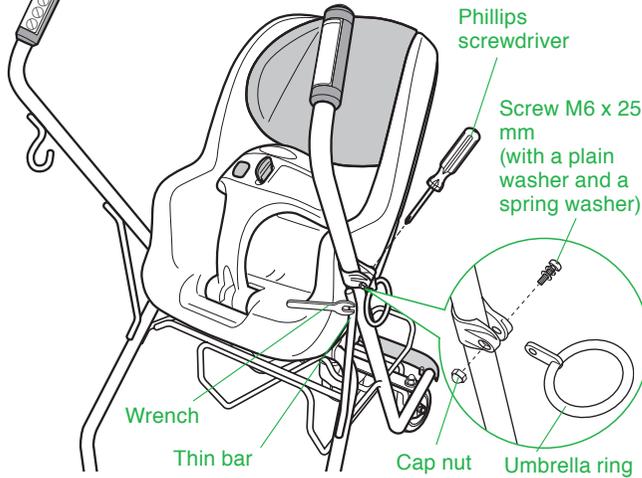
Remove the umbrella ring and the umbrella holder using the Philips screwdriver and the wrench

## AW4 Series (Rear facing type)

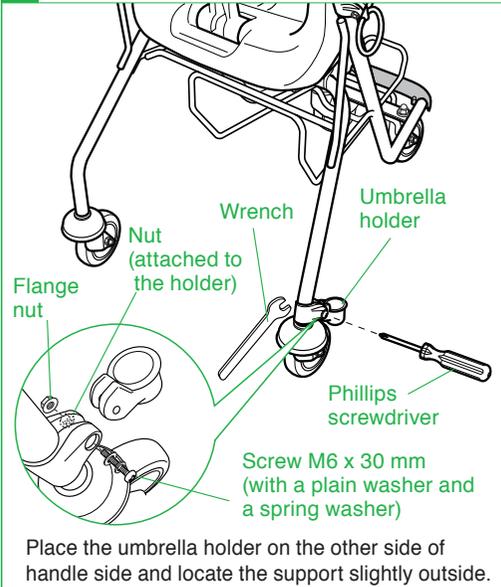
## Installation

**1** Install the umbrella ring following the removal procedure in the reverse order.

Facing the product, install the umbrella ring above the area where the frame and thin bar jointed on the right handle.



**2** Install new umbrella holder



\* Make sure to use correct screw. The length of the screws for umbrella ring and umbrella holder are different.

## Locking Key and Coin Lock Replacement Procedure <AW3 Series>

In case you find a problem with the keychain or the coin lock during the daily inspection, we recommend that you purchase a keychain replacement kit or a coin lock replacement kit and carry out the replacement following the procedure below.



**Warning**

Always inspect the new part after replacement following the daily inspection instructions.

The tools on the right are required for this procedure.

● Phillips screwdriver

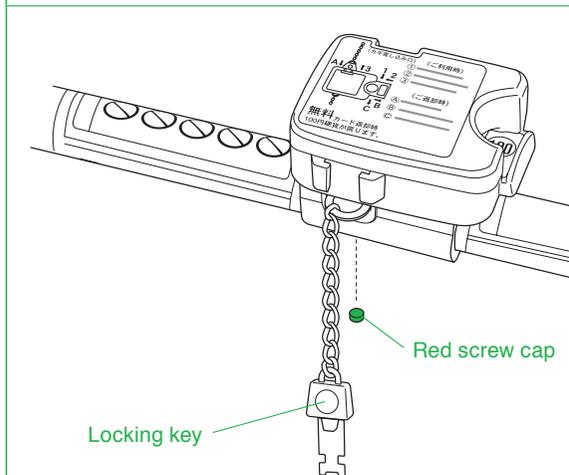


● Precision flat blade screwdriver

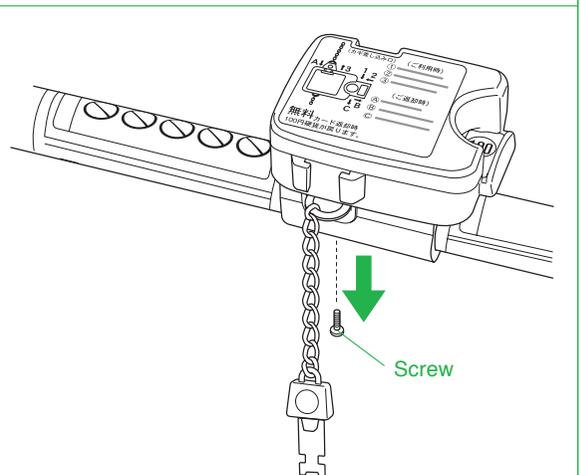


## Locking Key Removal

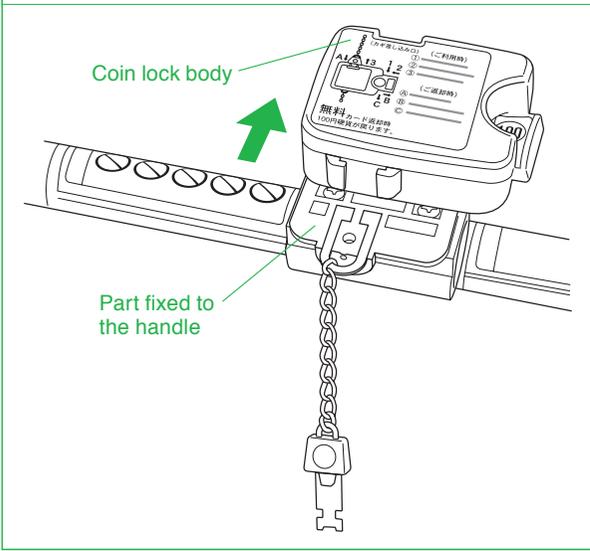
**1** Remove the red screw cap from the bottom of the coin lock.



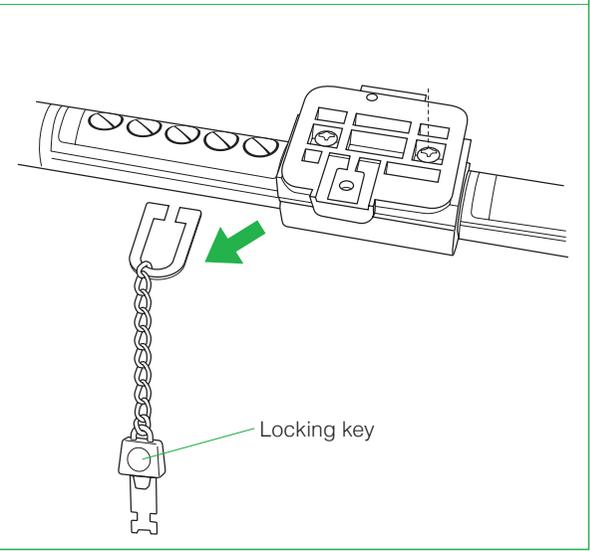
**2** Remove the screw.



**3** Slide the coin lock body in the direction of the arrow to remove it from the part fixed to the handle.



**4** Remove the locking key

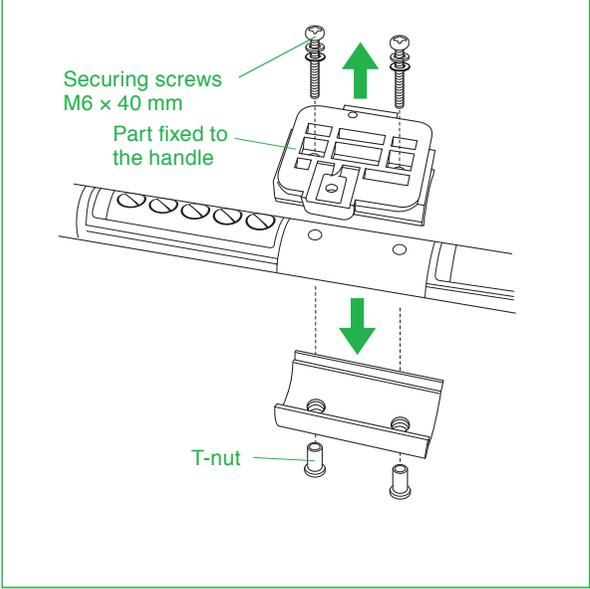


**Locking Key Installation**

Install the locking key following the removal procedure in the reverse order.

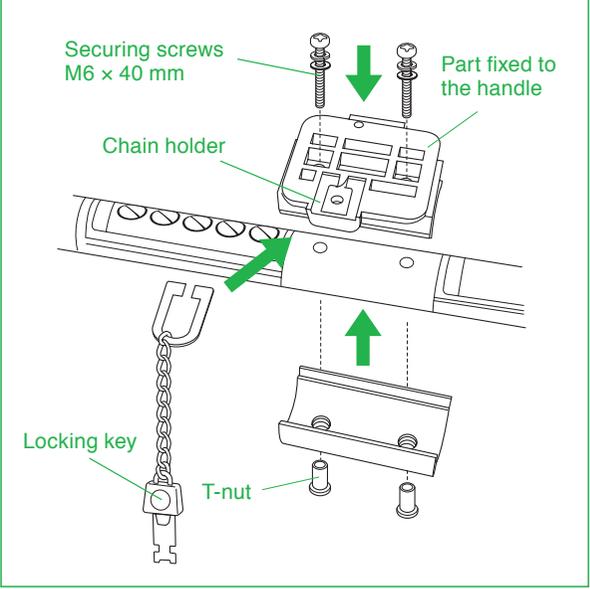
**Coin Lock Removal**

Remove the locking key following the locking key removal procedure.  
Remove the two screws screwed to the handle from the part fixed to the handle, and separate the upper and lower pieces.



**Coin Lock Installation**

Secure the part fixed to the handle by screwing the two screws into the holes in the handle. Assemble the chain holder facing outward.  
Then, install the locking key following the locking key removal procedure in the reverse order.





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([www.combiwith.co.jp](http://www.combiwith.co.jp)). Thank you for reading this manual.