WINDSPEC INC.

535 OPEN-OUT VENT

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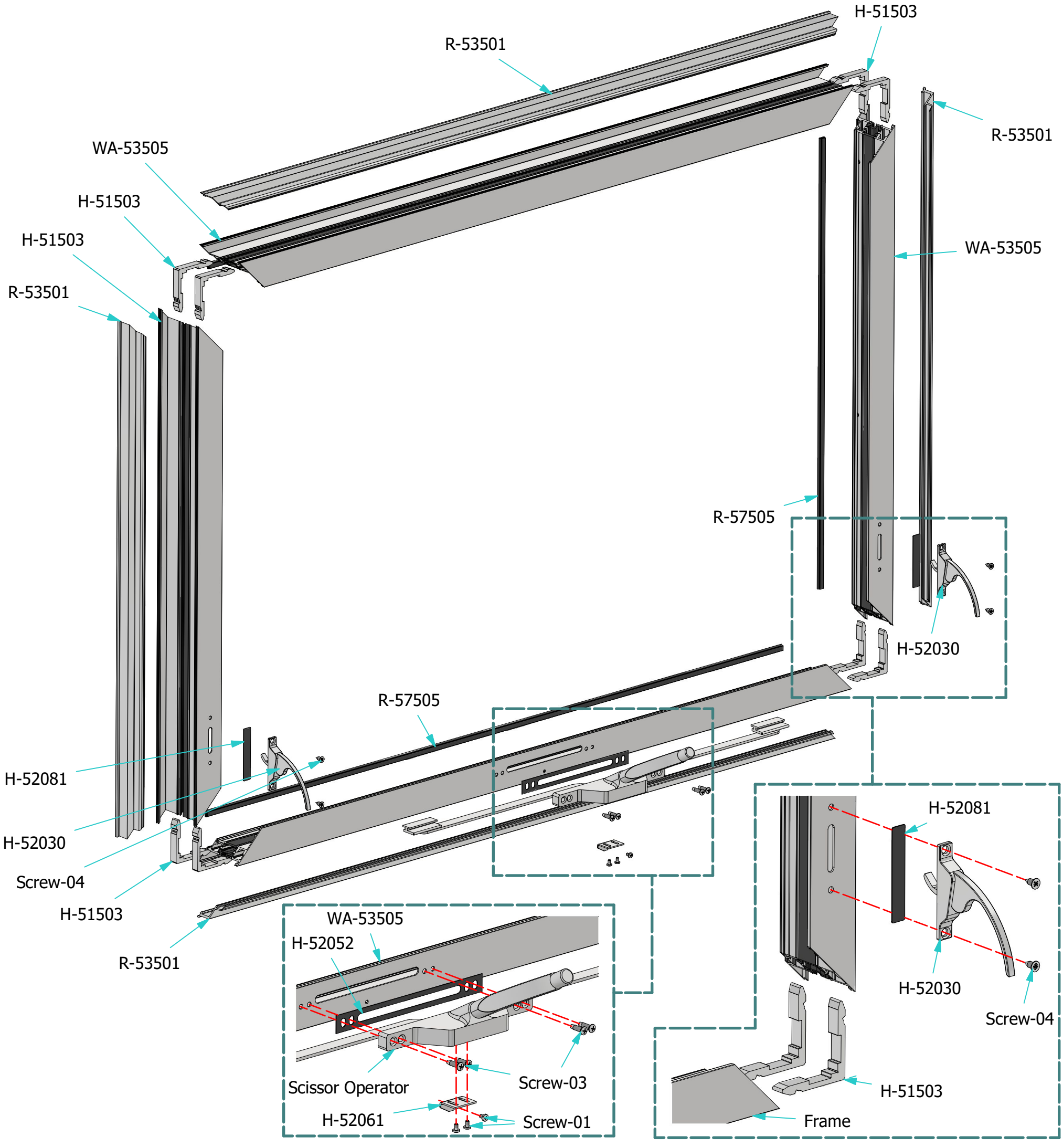
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535 FRAME EXPLODED VIEW & PARTS LIST

535 Open-Out

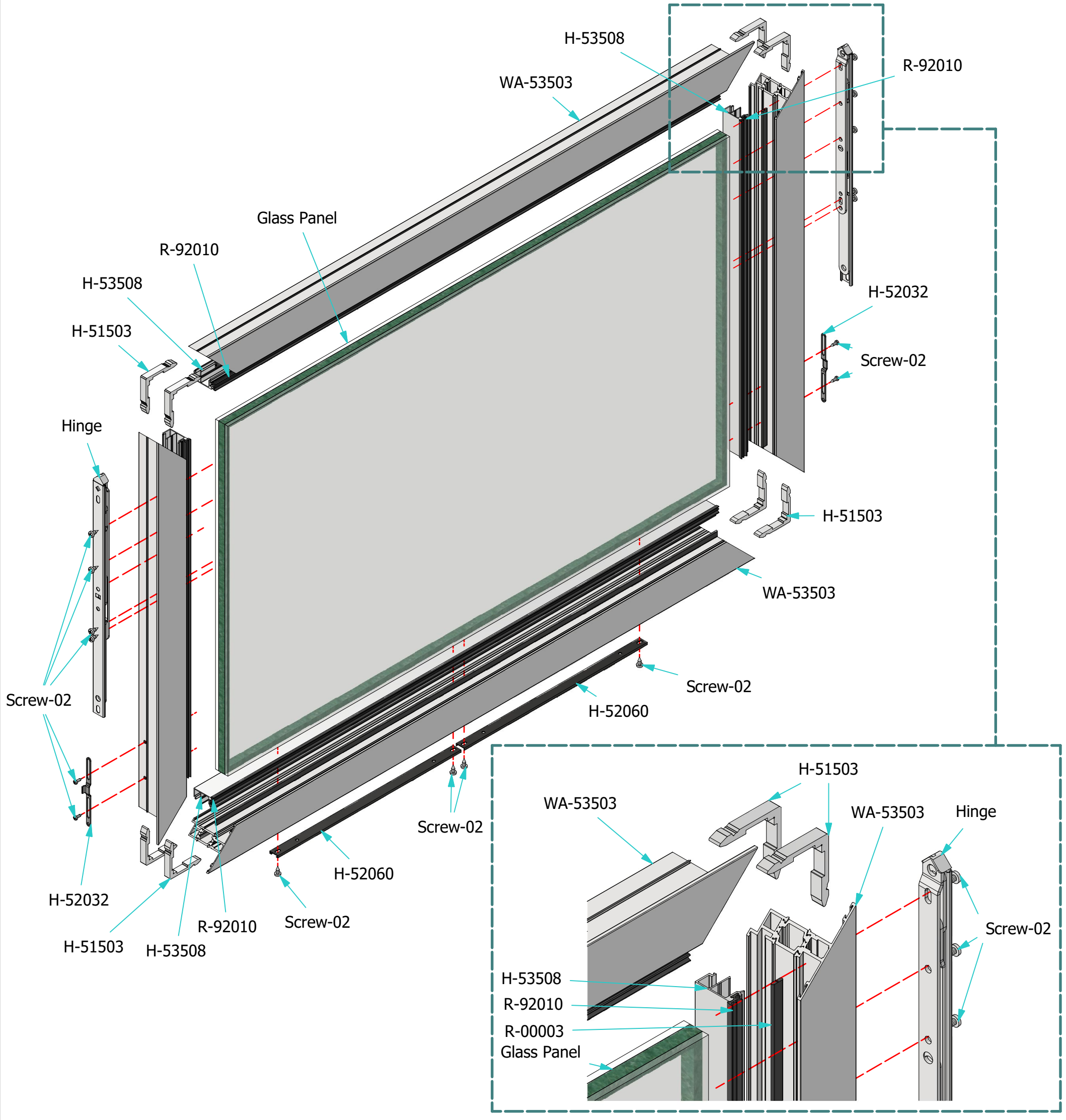
PARTS LIST	
PART NUMBER	DESCRIPTION
H-51503	Corner key
H-52030	Claw Handle
H-52052	Adhesive back Gasket for Scissor Operator
H-52061	Stablizing tab
H-52081	Adhesive back Gasket for Casement Claw Handle
R-53501	PVC Adaptor for Curtain Wall
R-57505	Bulb Gasket
Scissor Operator	Size and part number vary by job
Screw-01	#6 x 1/4" Pan Head Screw
Screw-03	#10-24 x 3/4" Oval Head Screw, SS
Screw-04	#10-24 x 1/2" Socket Flat Head Screw, SS
WA-53505	535 Open out Vent Frame for Curtain Wall



535 SASH EXPLODED VIEW & PARTS LIST

535 Open-Out

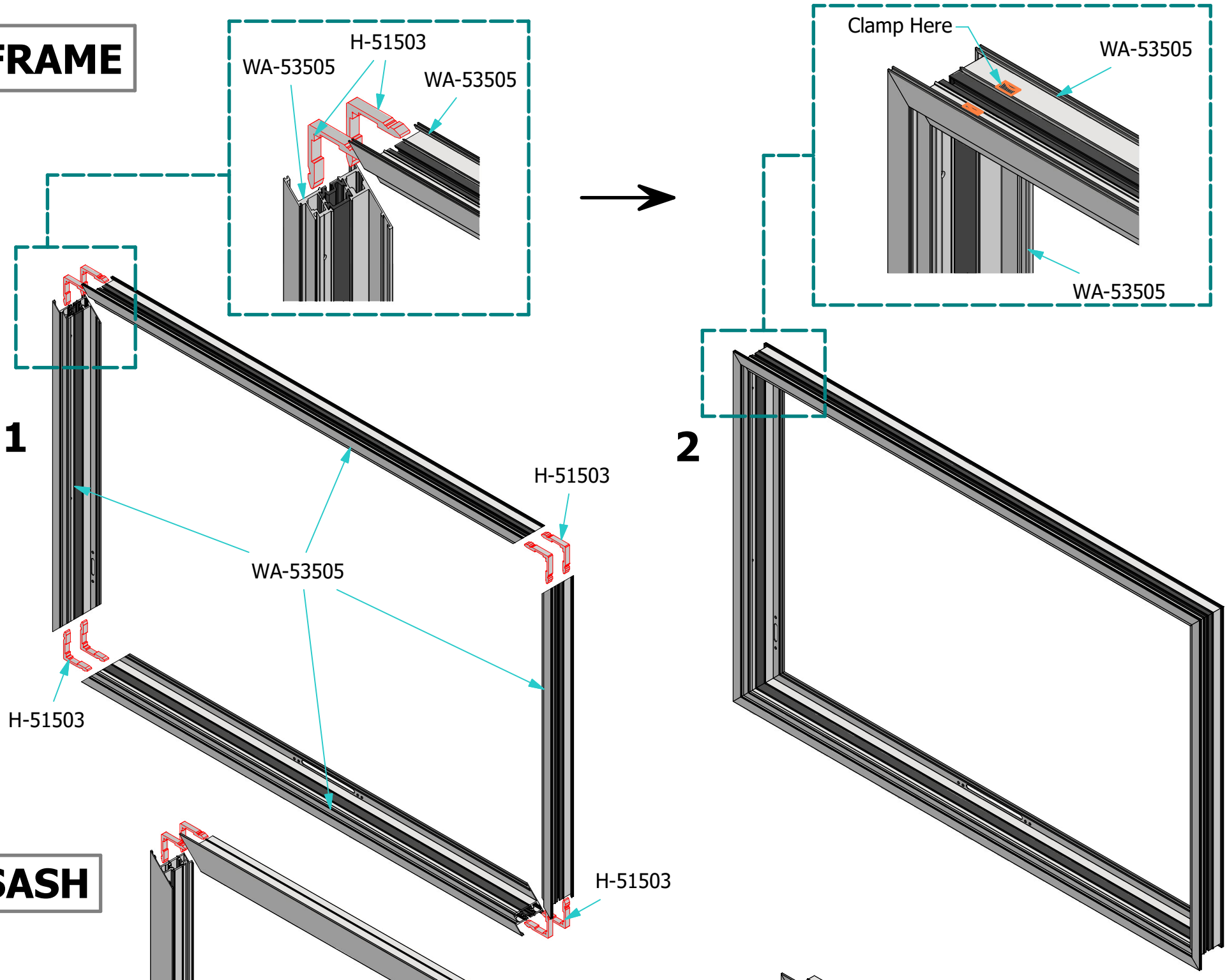
PARTS LIST	
PART NUMBER	DESCRIPTION
Glass Panel	Double Glazed Panel
H-51503	Corner key
H-52032	Keeper for Claw Handle (H-52030)
H-52060	Stainless Track for scissor operator
Hinge	4 Bars Hinge
R-00003	1/8" Polyshim Tape
R-92010	Glazing Gasket
Screw-02	#10 x 1/2" Quadrex Pan Head Screw, Zinc
Screw-05	#8 x 5/8" Quadrex Flat Head Screw, Zinc
W-53508	Sash Stop for 1" Glass
WA-53503	535 Open Out Sash



STEP 1 (Assemble Frame and Sash Components) :

Attach the vertical and horizontal components of the **Frame (WA-53505)** and **Sash (WA-53503)** by snapping them together using the **Corner Key (H-51503)**. Then clamp the components securely to the corner keys.

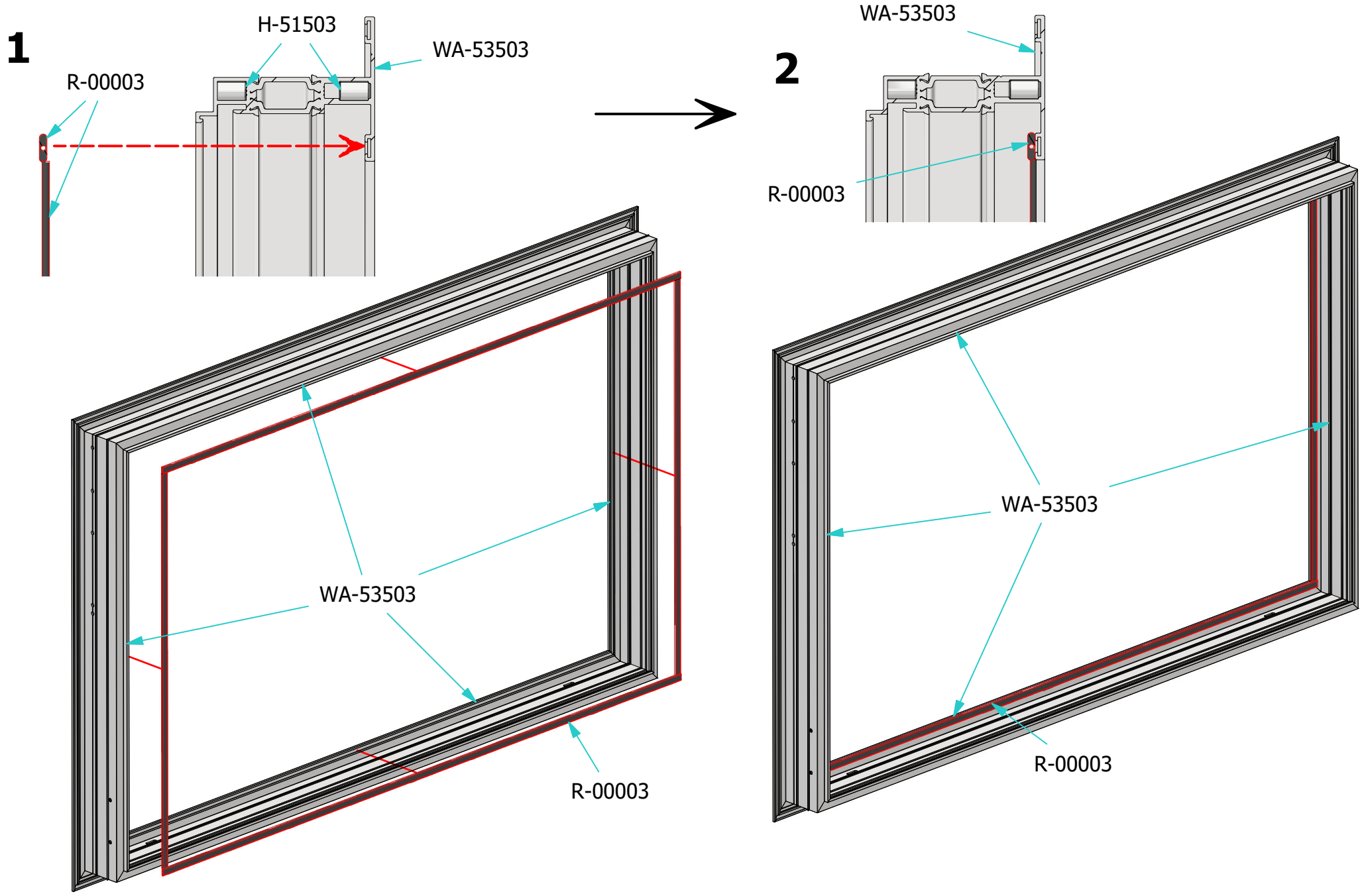
FRAME



SASH

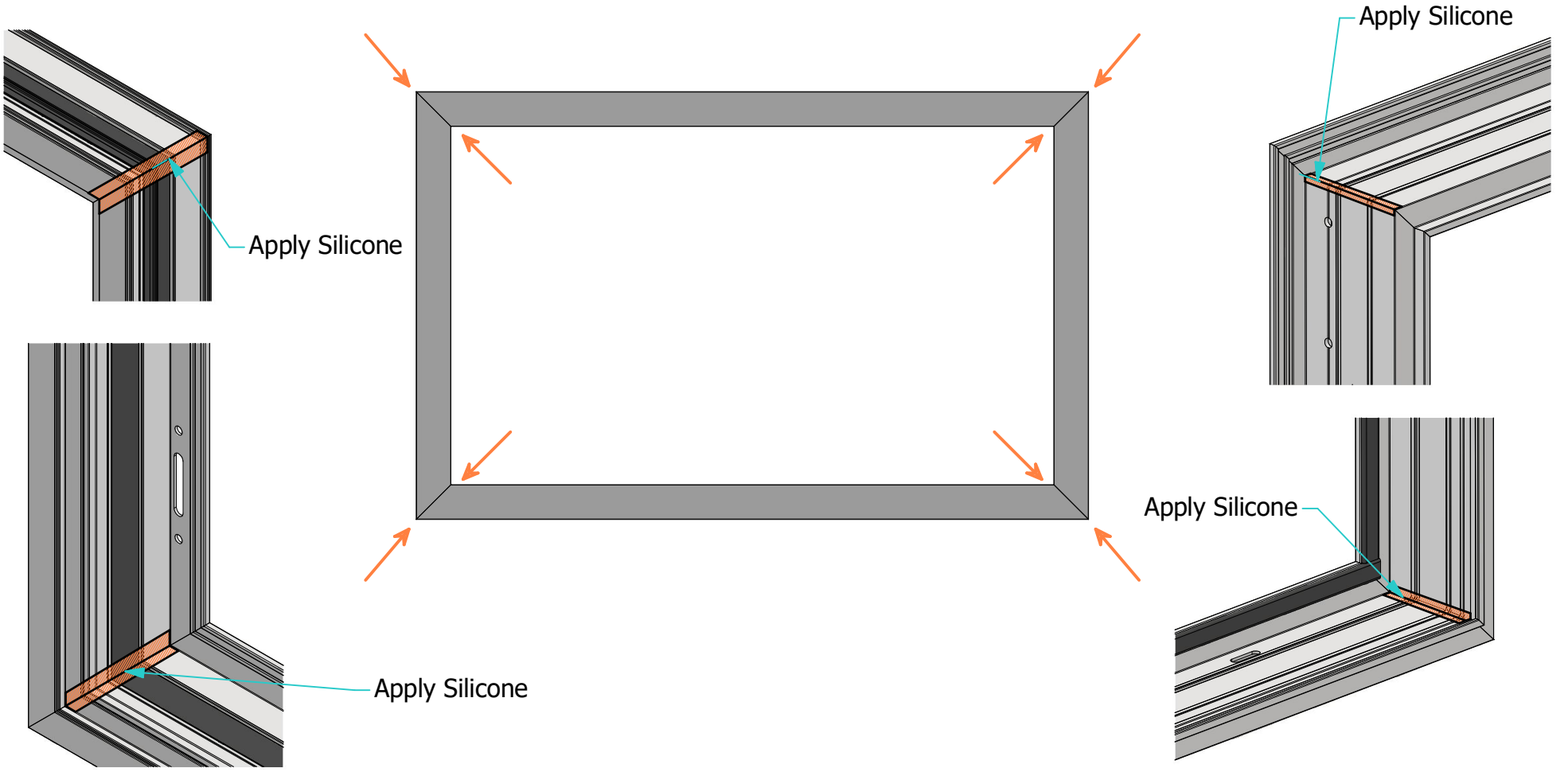
STEP 2 (Polyshim tape) :

Clean the **Sash (WA-53503)**, then attach the **Polyshim Tape (R-00003)** to the internal leg at the designated location, as shown below.



STEP 3 (Silicone Application) :

Clean the Apply silicone to the internal and external corners where the horizontal and vertical components of the Frame and Sash connect..



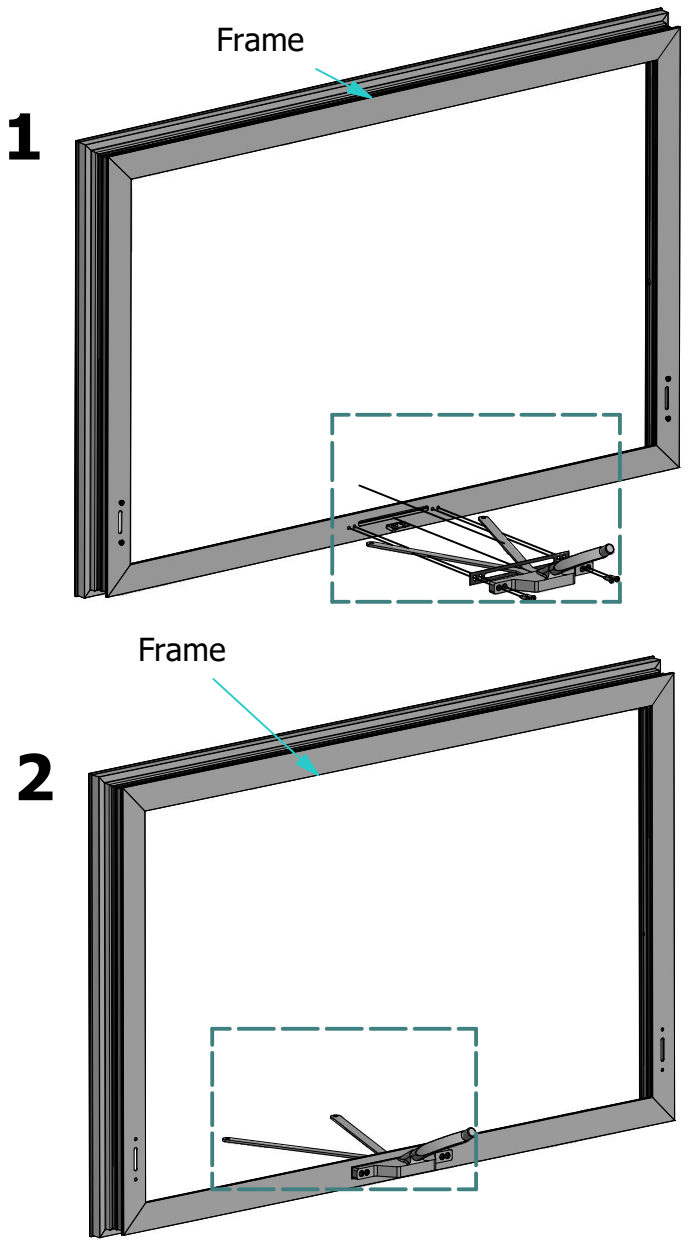
PARTS LIST	
PART NUMBER	DESCRIPTION
Scissor Operator	Size and part number vary by job
H-52052	Adhesive back Gasket for Scissor Operator
H-52061	Stablizing tab
Screw-01	#6 x 1/4" Pan Head Screw
Screw-03	#10-24 x 3/4" Oval Head Screw, SS

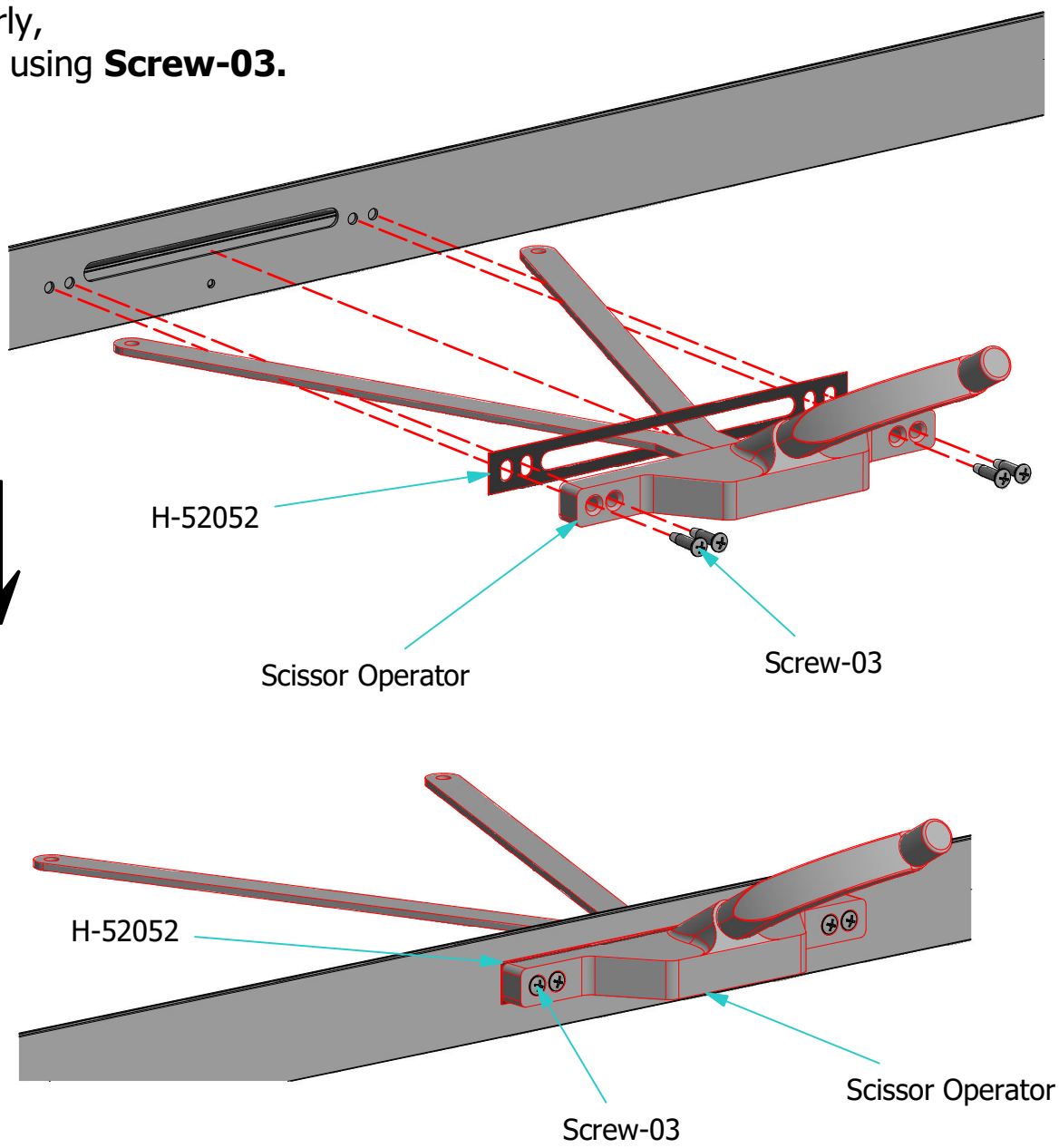
STEP 4 (Hardware Installation) :

Install the hardware on the Frame and Sash using the designated screws for each hardware, following the steps in the order shown below :

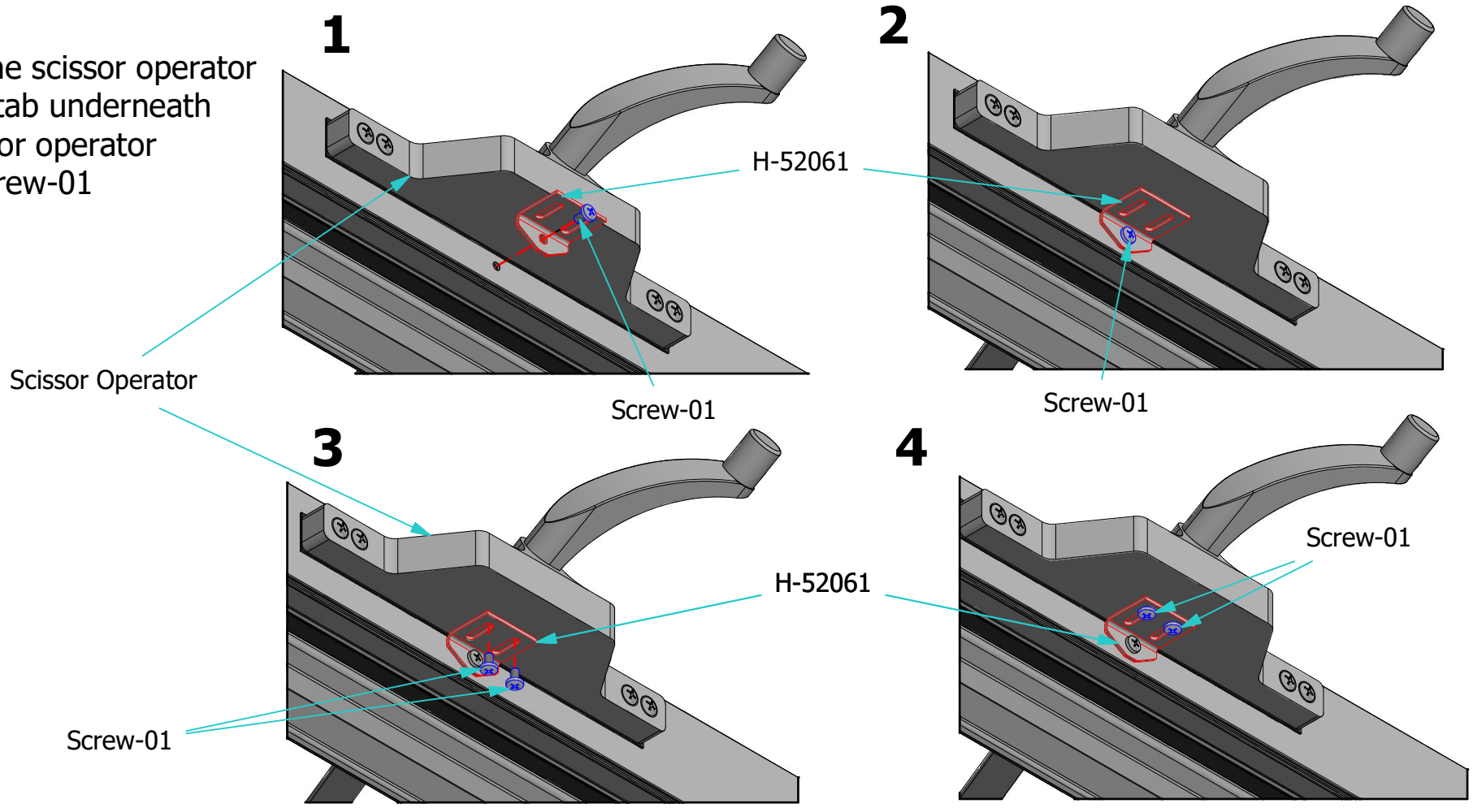
Frame

1) - Position the Scissor Gasket **(H-52052)** properly, then mount the Scissor Operator to the Frame using **Screw-03.**





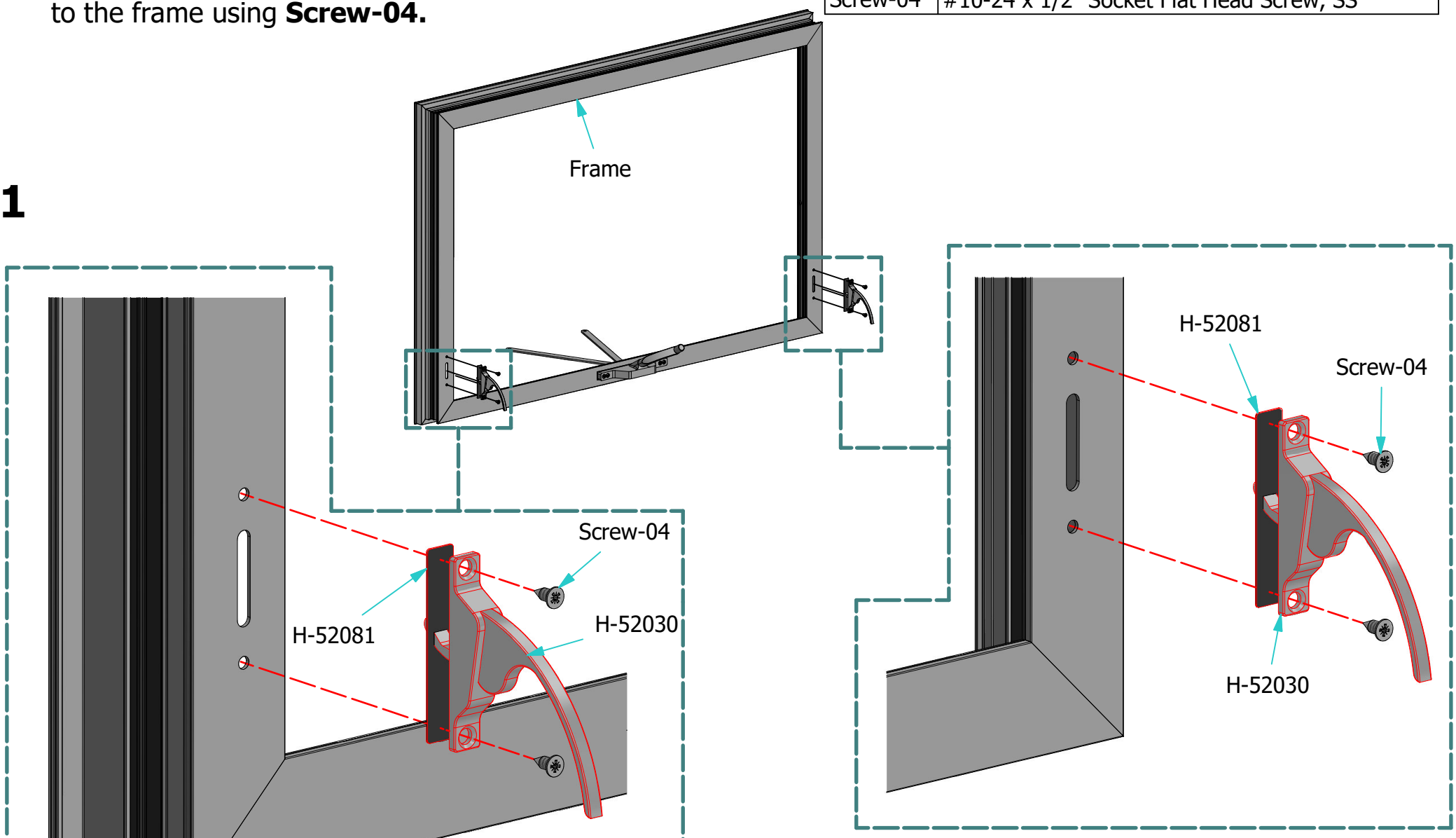
2) - Mount the scissor operator support tab underneath the scissor operator using Screw-01



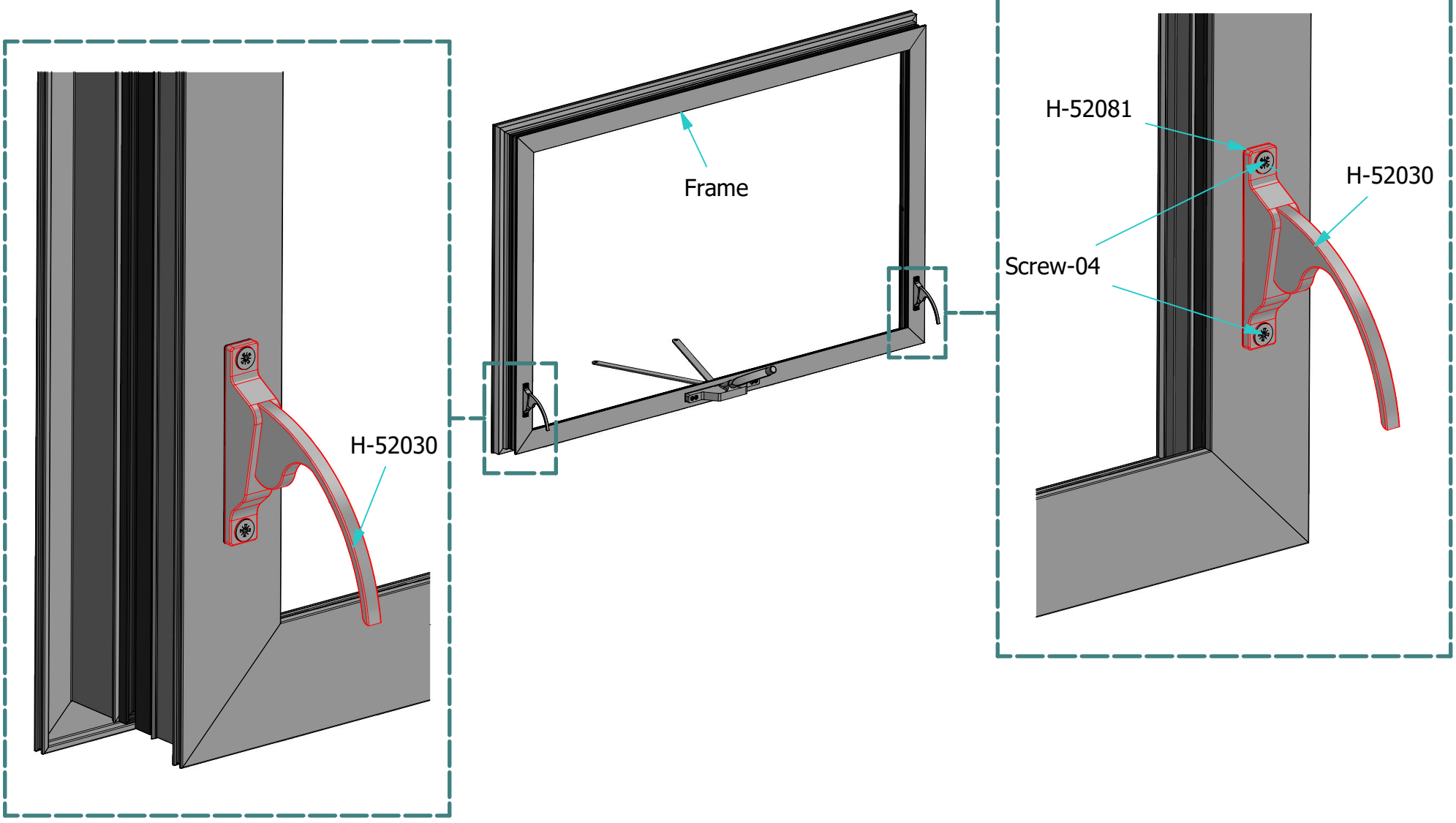
PARTS LIST	
PART NUMBER	DESCRIPTION
H-52030	Claw Handle
H-52081	Adhesive back Gasket for Casement Claw Handle
Screw-04	#10-24 x 1/2" Socket Flat Head Screw, SS

3) - Position the claw Handle Gasket **(H-52081)** , then mount the Claw Handle **(H-52030)** to the frame using **Screw-04.**

1



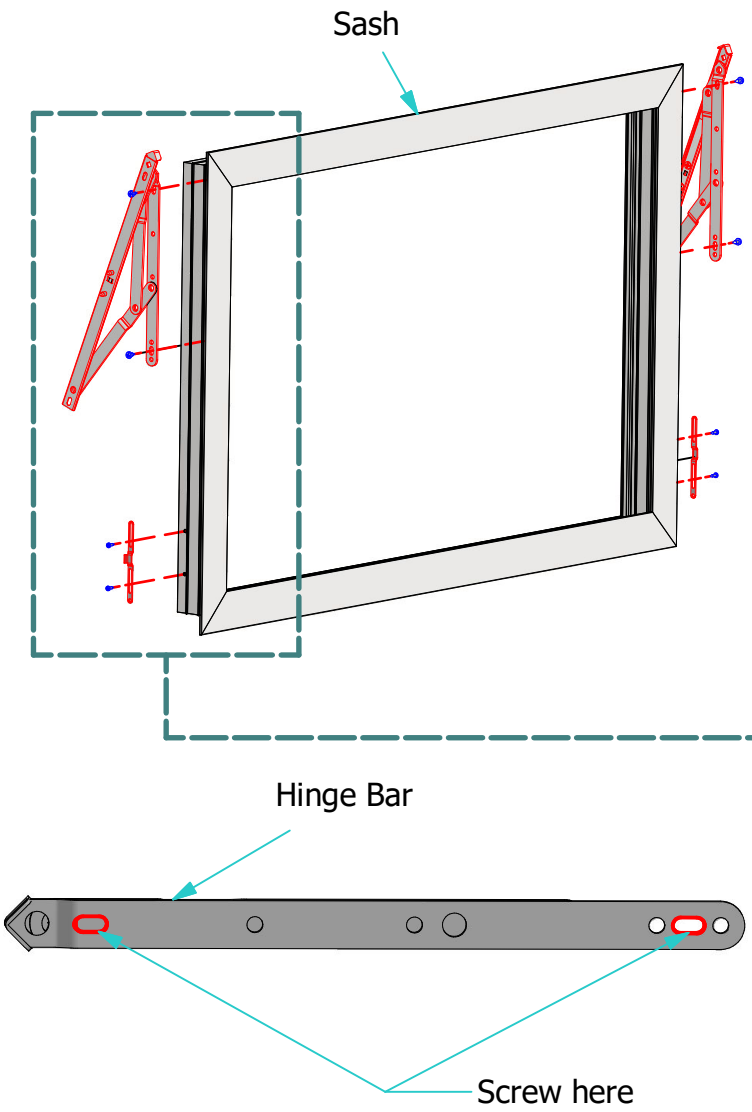
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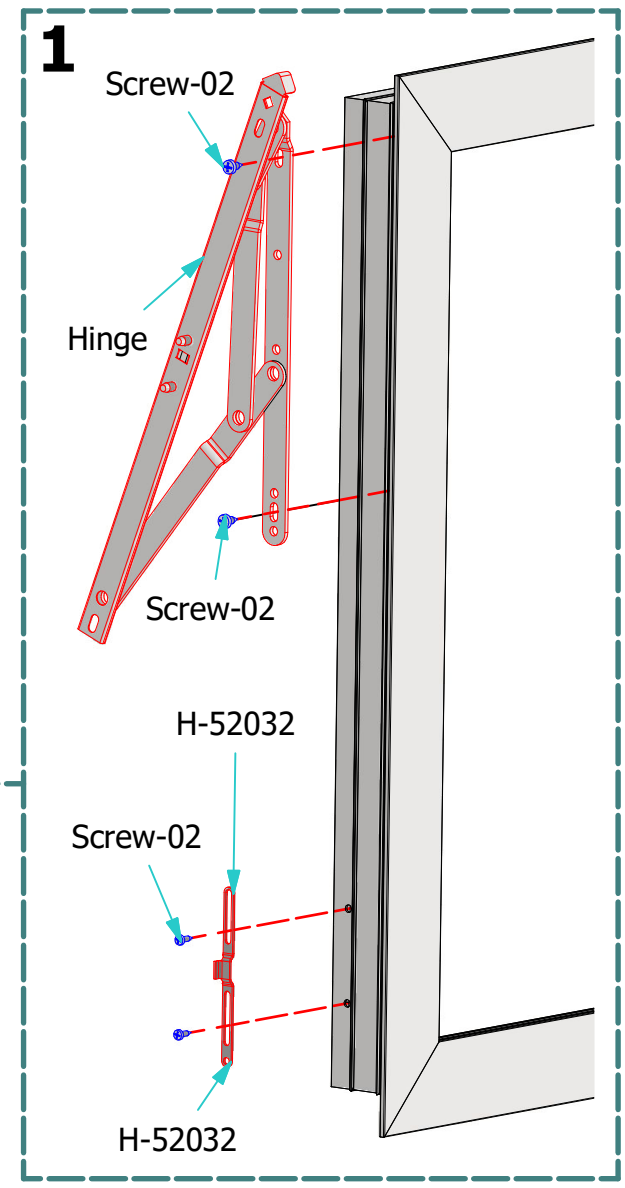


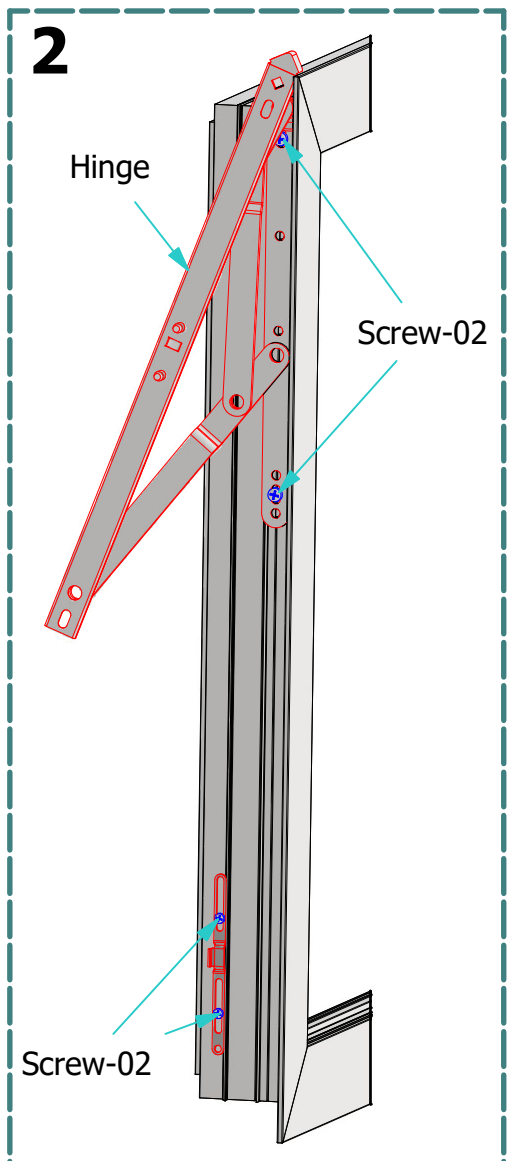
Sash

1) - Mount the designated **hinges** to the Sash using **Screw-02** .
2) - Attach the **Claw Handle Keeper** to the Sash using **Screw-02** .

PARTS LIST	
PART NUMBER	DESCRIPTION
H-52032	Keeper for Claw Handle (H-52030)
Hinge	4 Bars Hinge
Screw-02	#10 x 1/2" Quadrex Pan Head Screw, Zinc

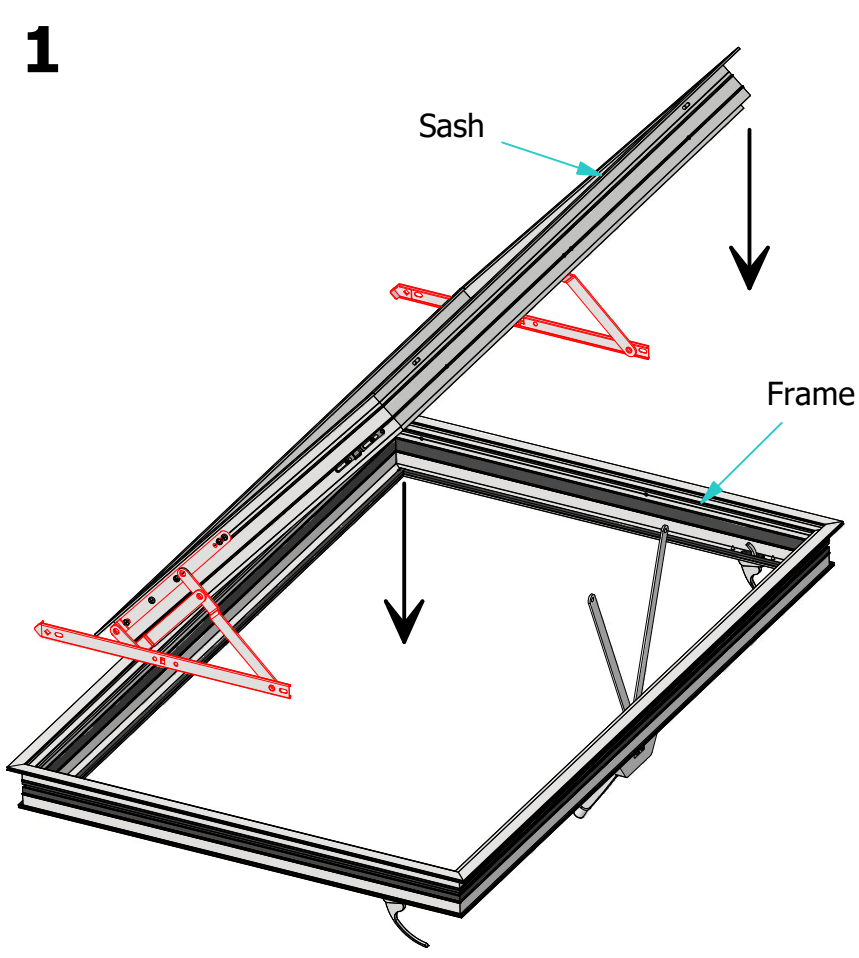


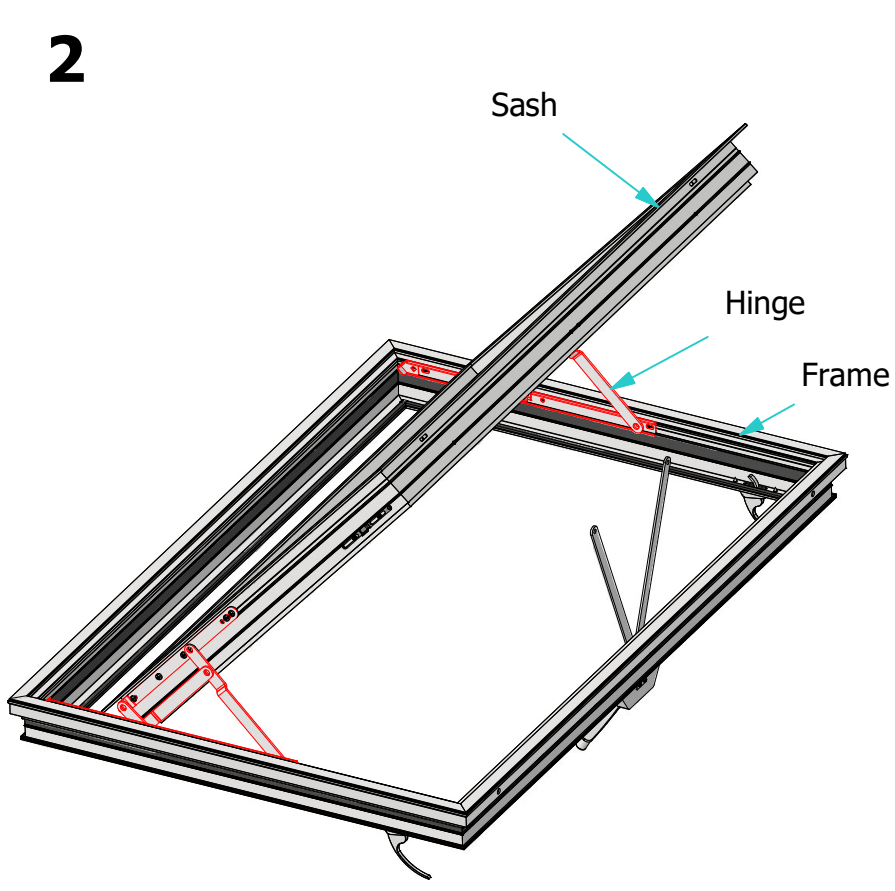


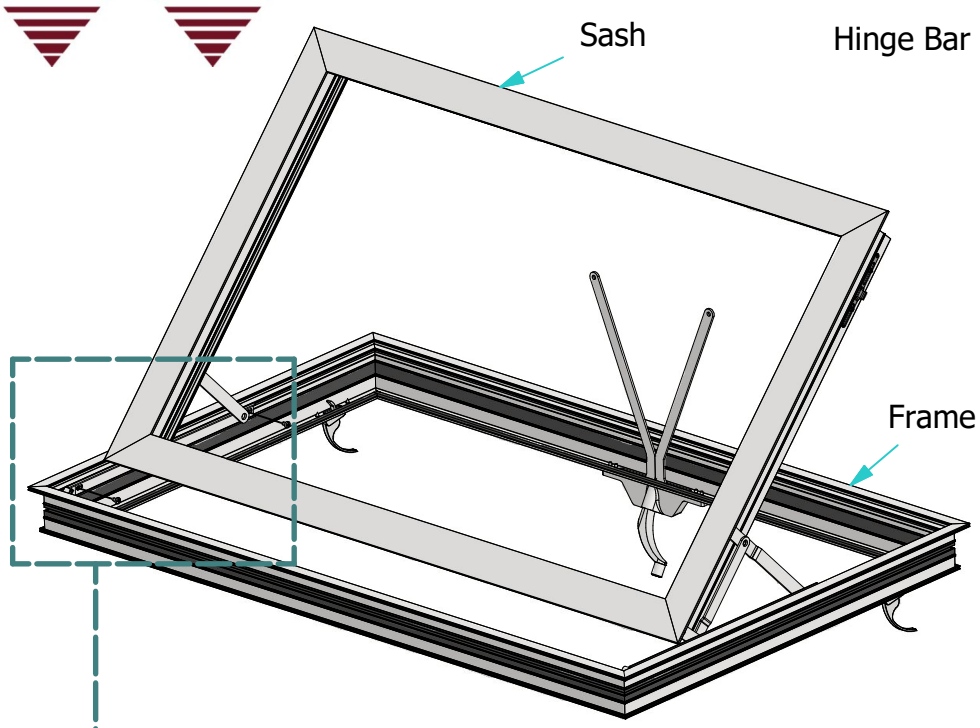


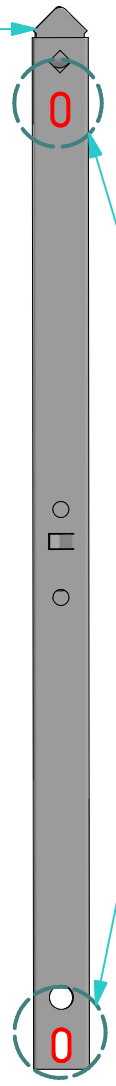
STEP 5 (Attach Sash to Frame) :

Secure the Sash to the Frame through the sash hinges on both sides using **Screw-02**, with one screw at the top and one at the bottom.

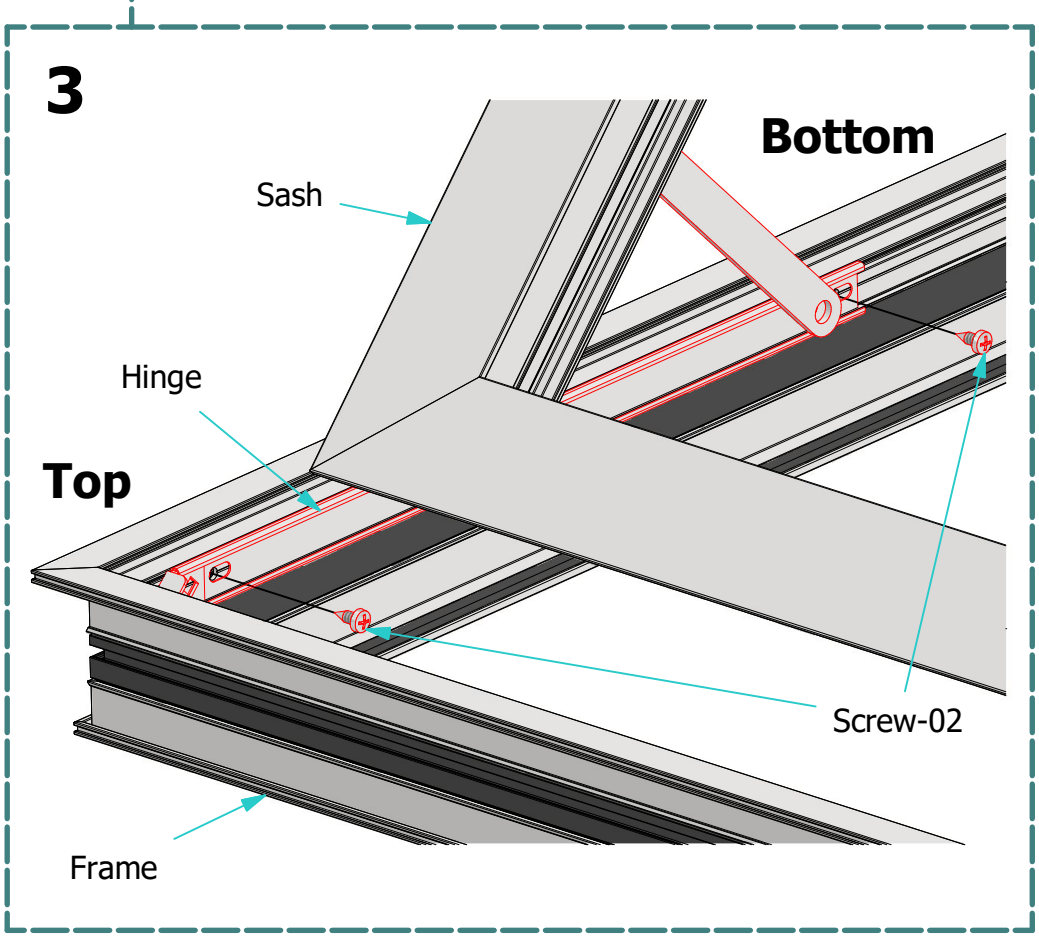


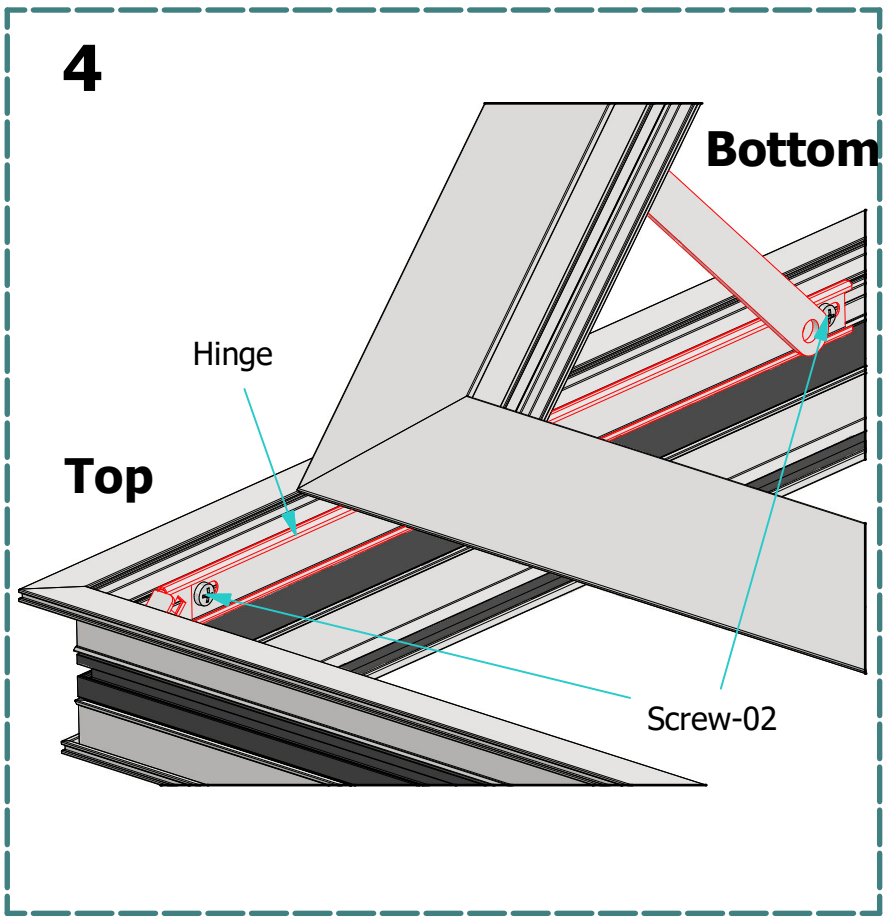






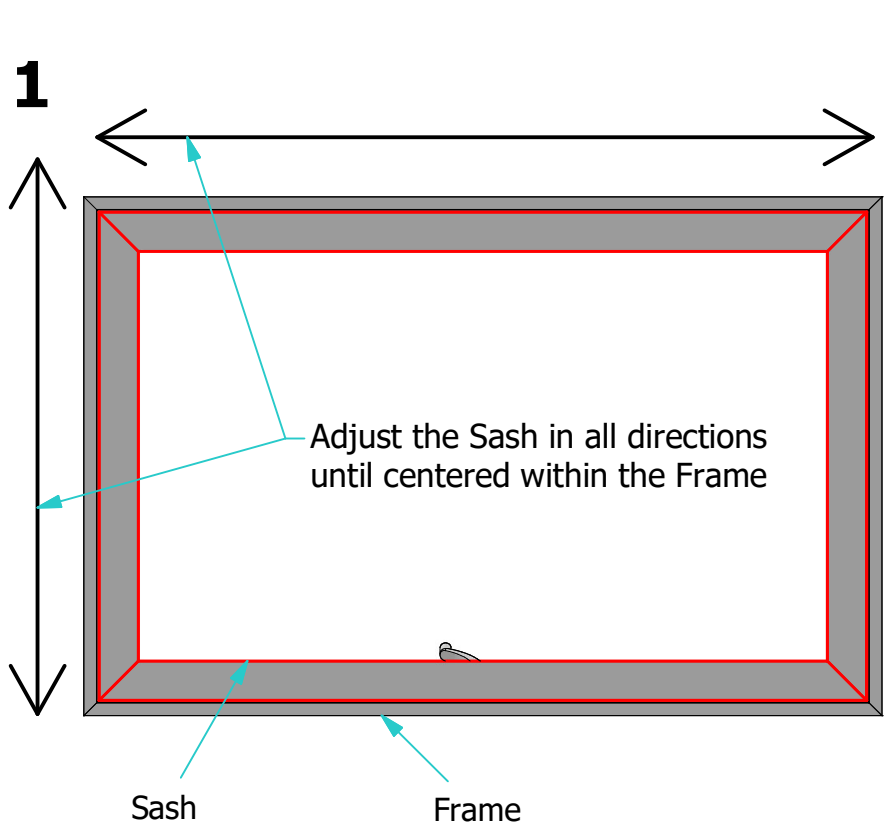
PARTS LIST	
PART NUMBER	DESCRIPTION
Hinge	4 Bars Hinge
Screw-02	#10 x 1/2" Quadrex Pan Head Screw, Zinc

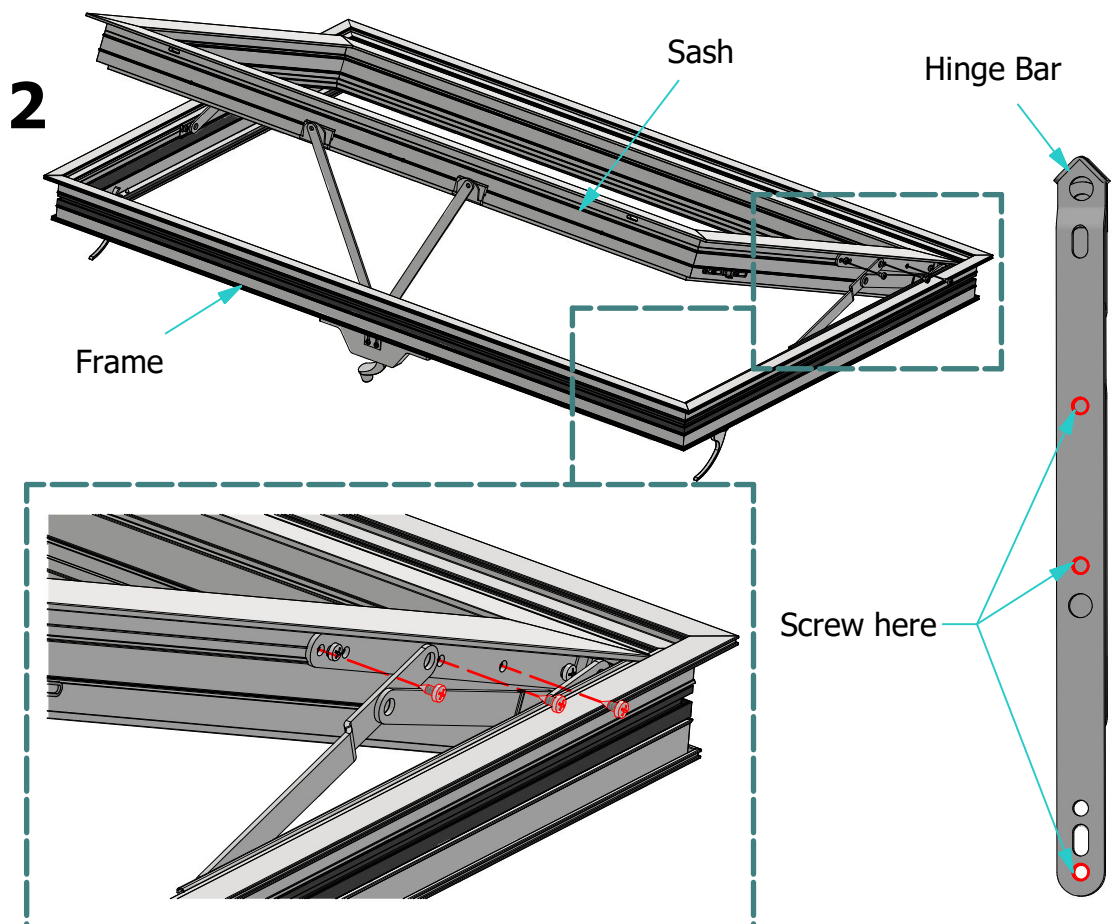




STEP 6 (Center and Secure Sash) :

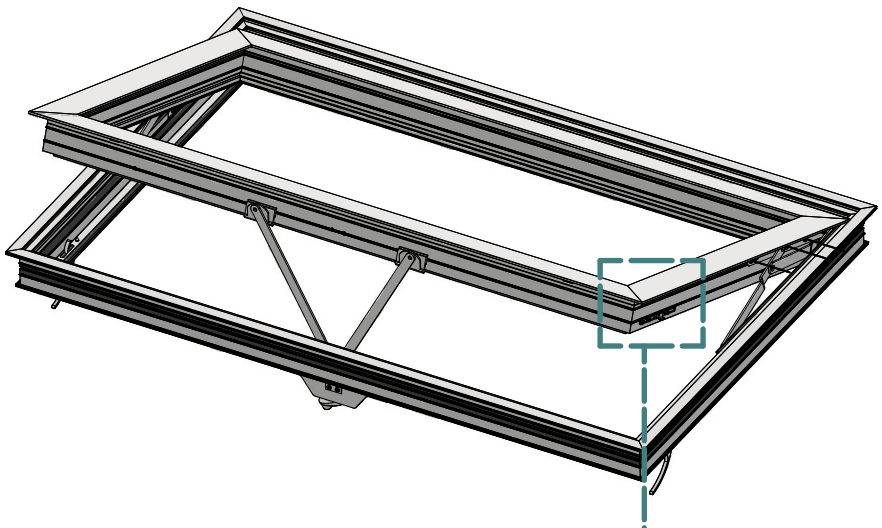
Center the Sash within the Frame in both height and width. Secure the hinges on both sides of the Sash using **Screw-02**.

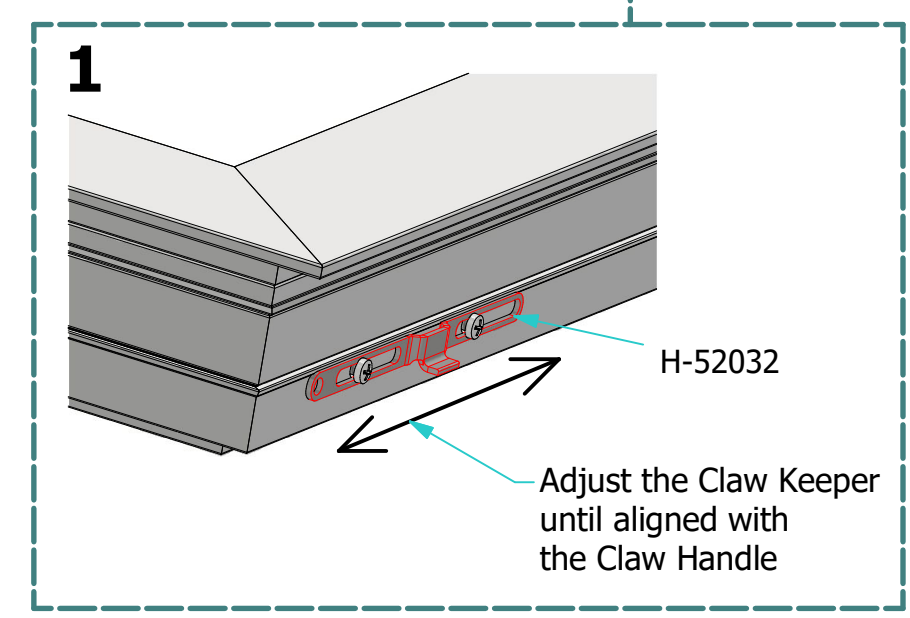


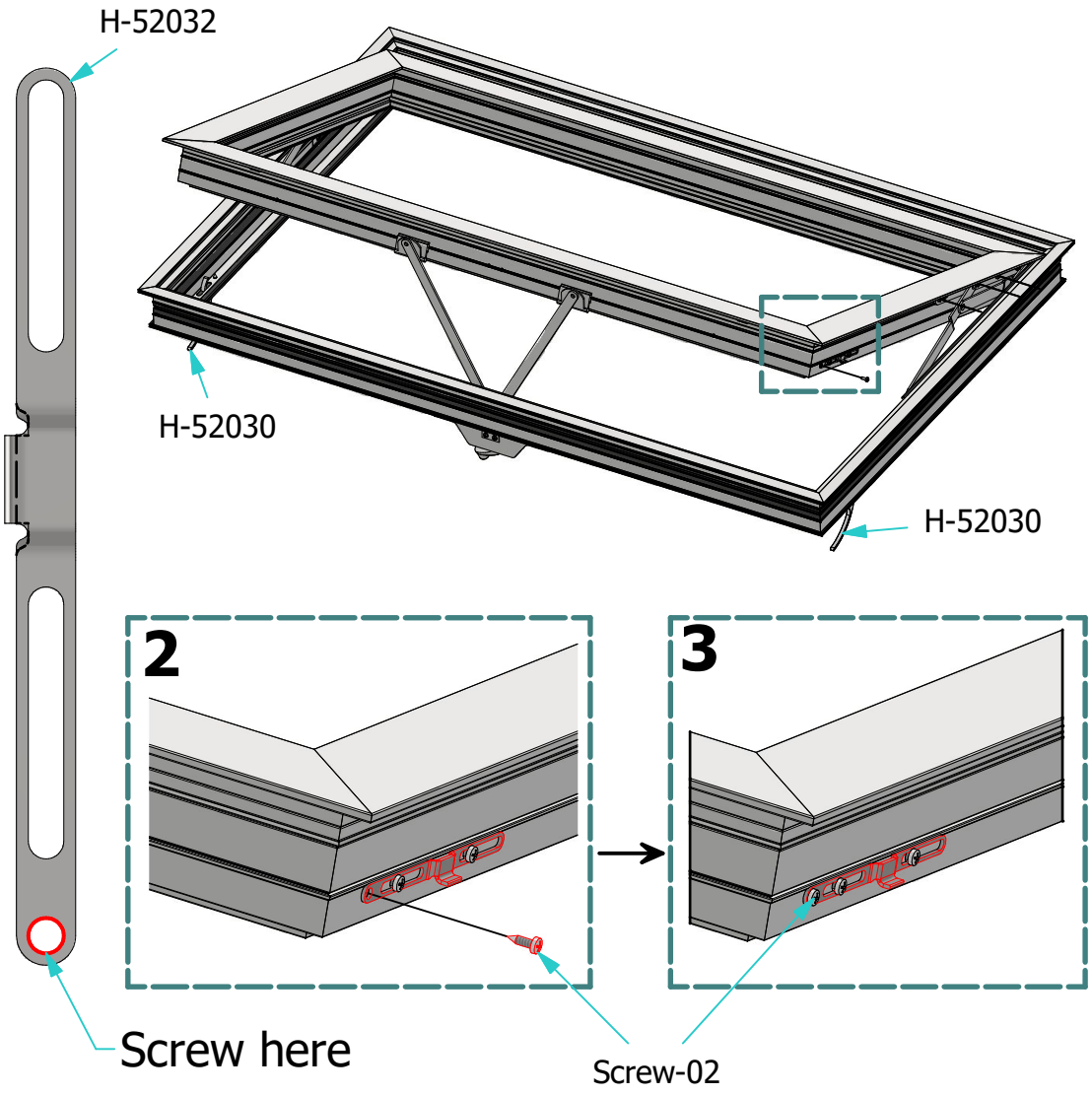


STEP 7 (Adjust and Secure Claw Keepers) :

Adjust the **Claw keepers (H-52032)** on the sash to align with the **Claw handles (H-52030)** on the frame.
Then, secure the keepers through the bottom hole using **Screw-02.**

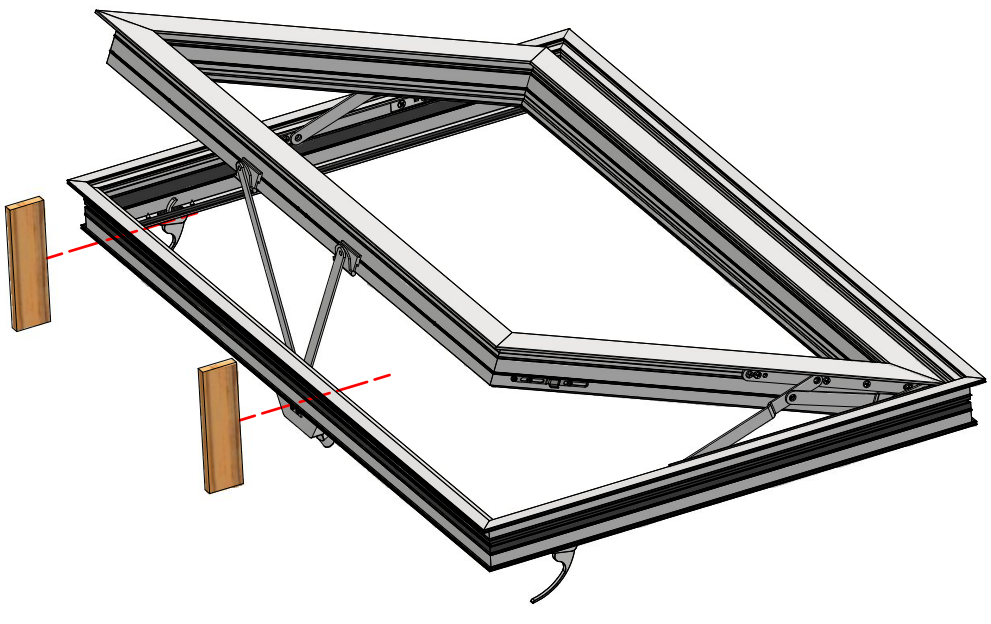






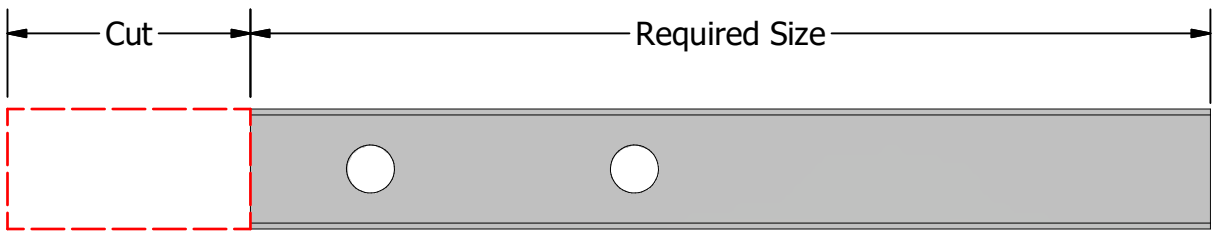
STEP 8 (Install and Adjust Opening Limiters) :

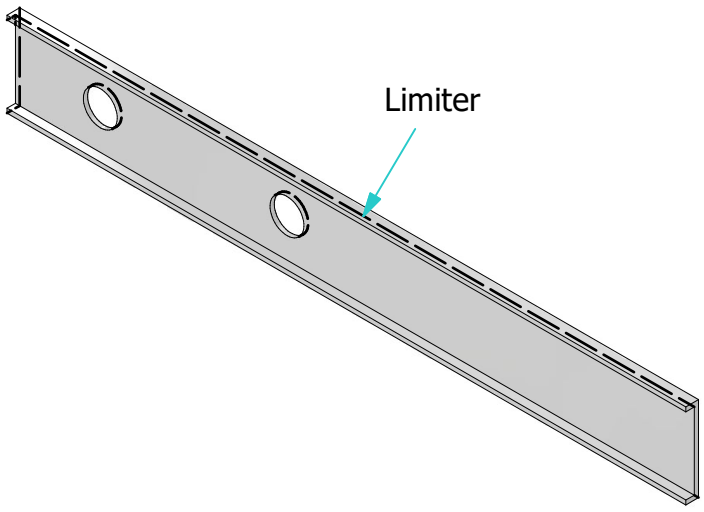
1) - **Determine Limiter Size:**
Place a 4-inch gauge between the frame and the sash to determine the required limiter size on both sides.





2) - **Trim the Limiters:**
Cut or trim the limiters to the required size..

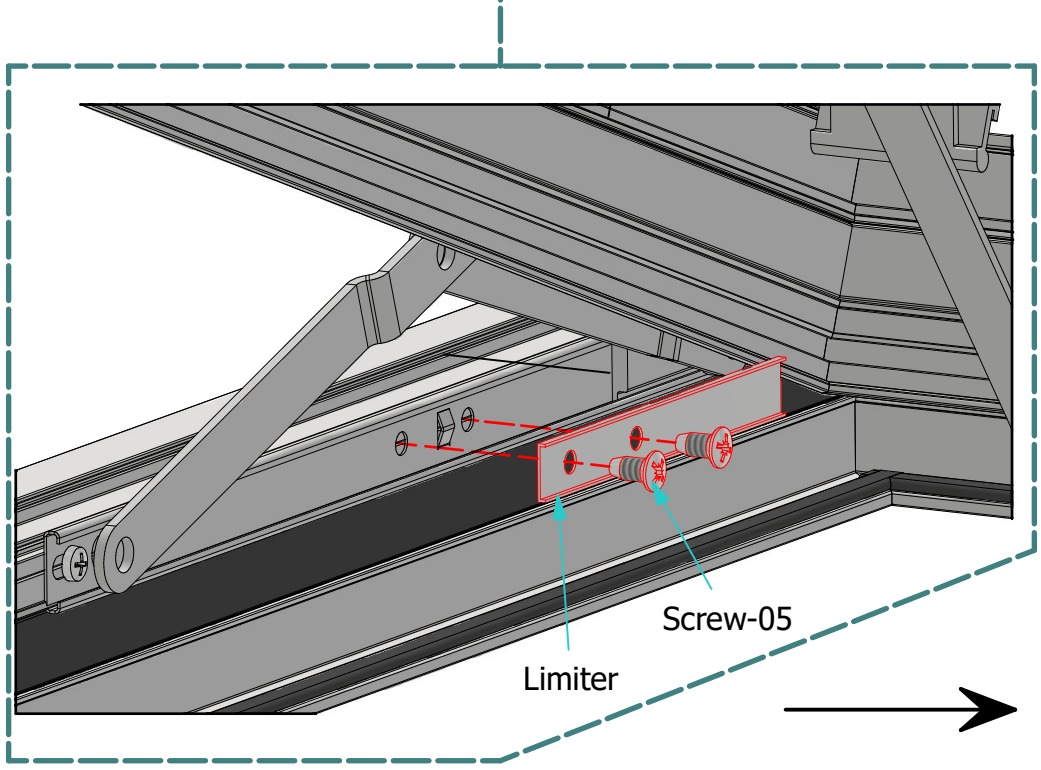


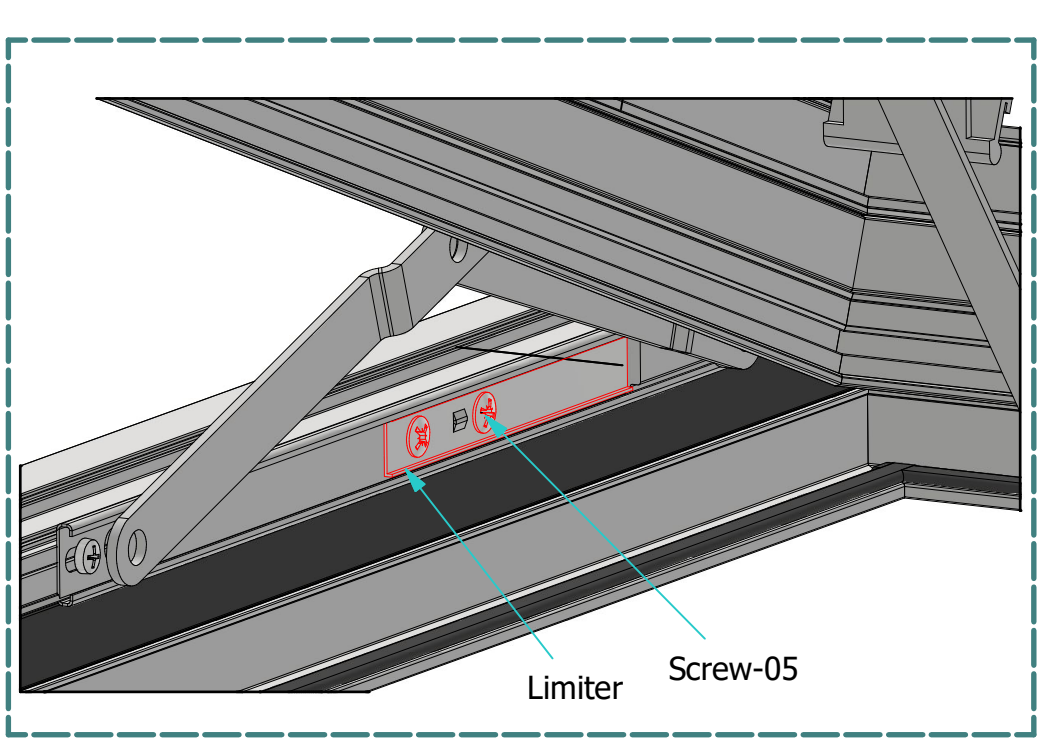


3) - **Install the Limiters:**
Insert the limiters into the hinges on the frame, then secure each limiter to the frame using Screw-05

PARTS LIST	
PART NUMBER	DESCRIPTION
Screw-05	#8 x 5/8" Quadrex Flat Head Screw, Zinc



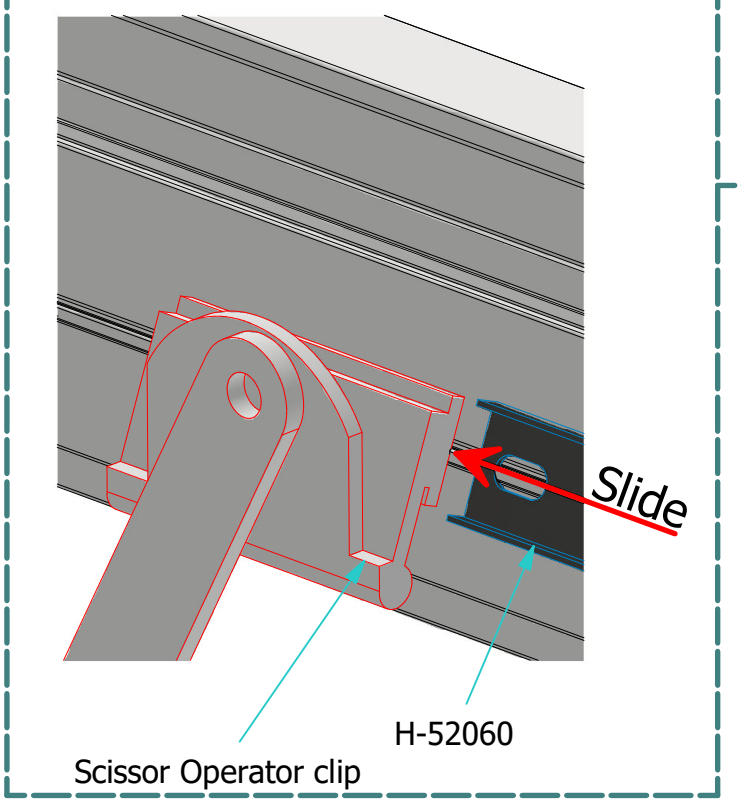


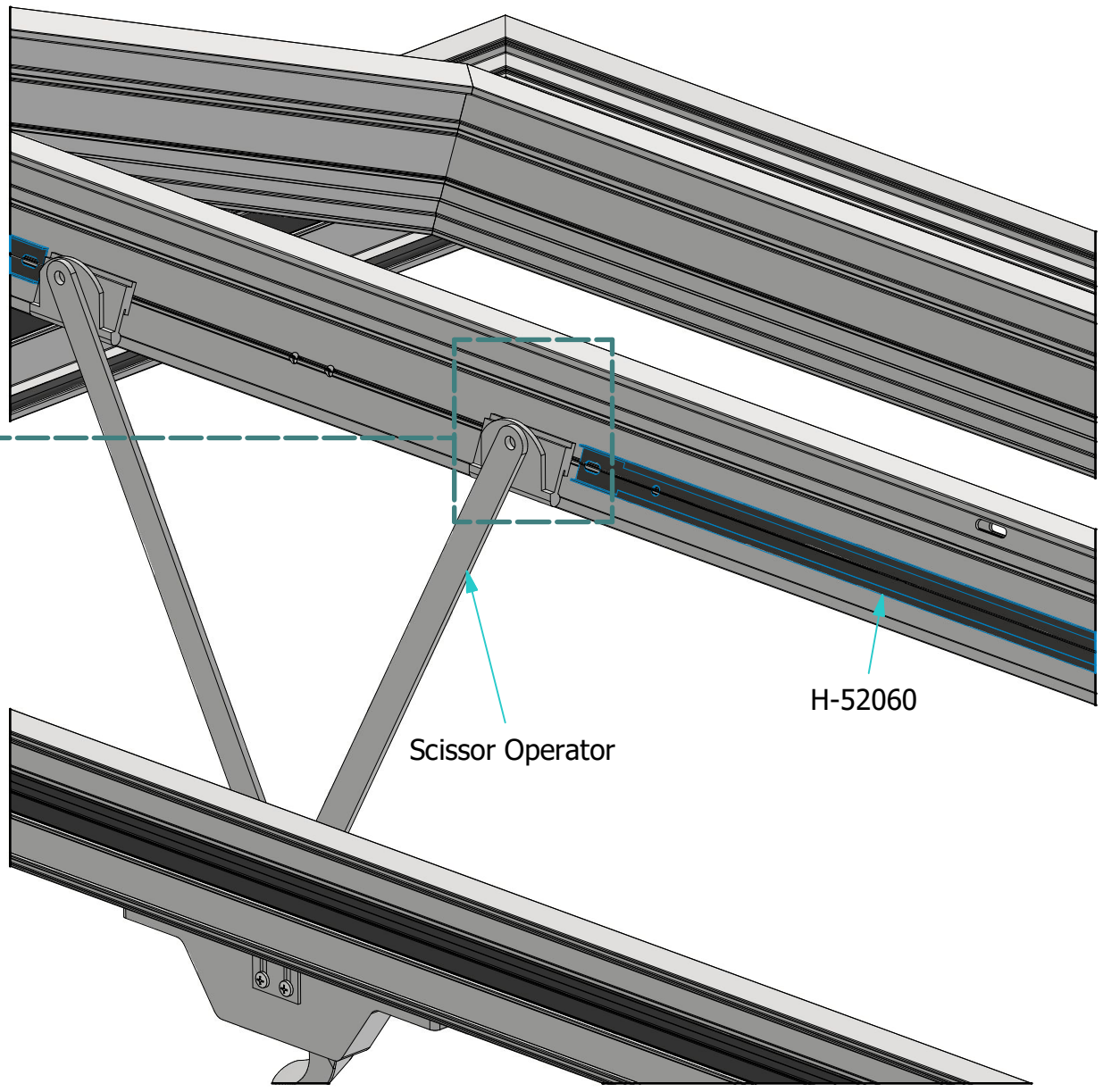


STEP 9 (Install and Secure Rail Track) :

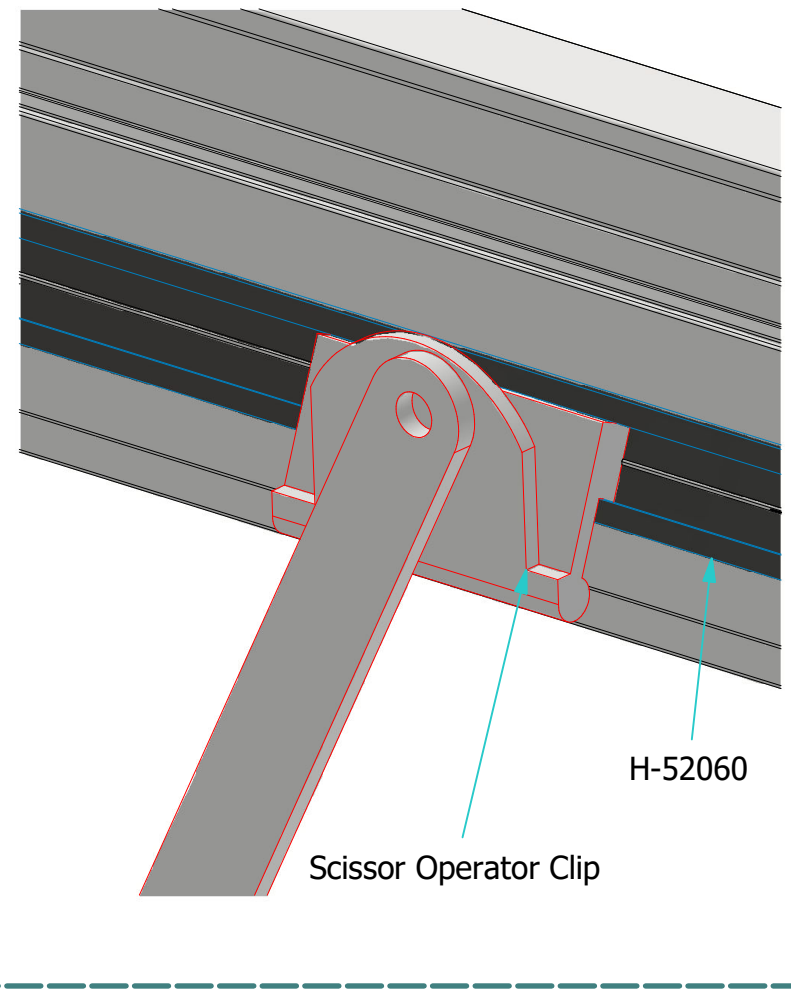
1) - **Insert the Rail Track:**
Slide the designated **Rail track (H-52060)** into the scissor operator clip.

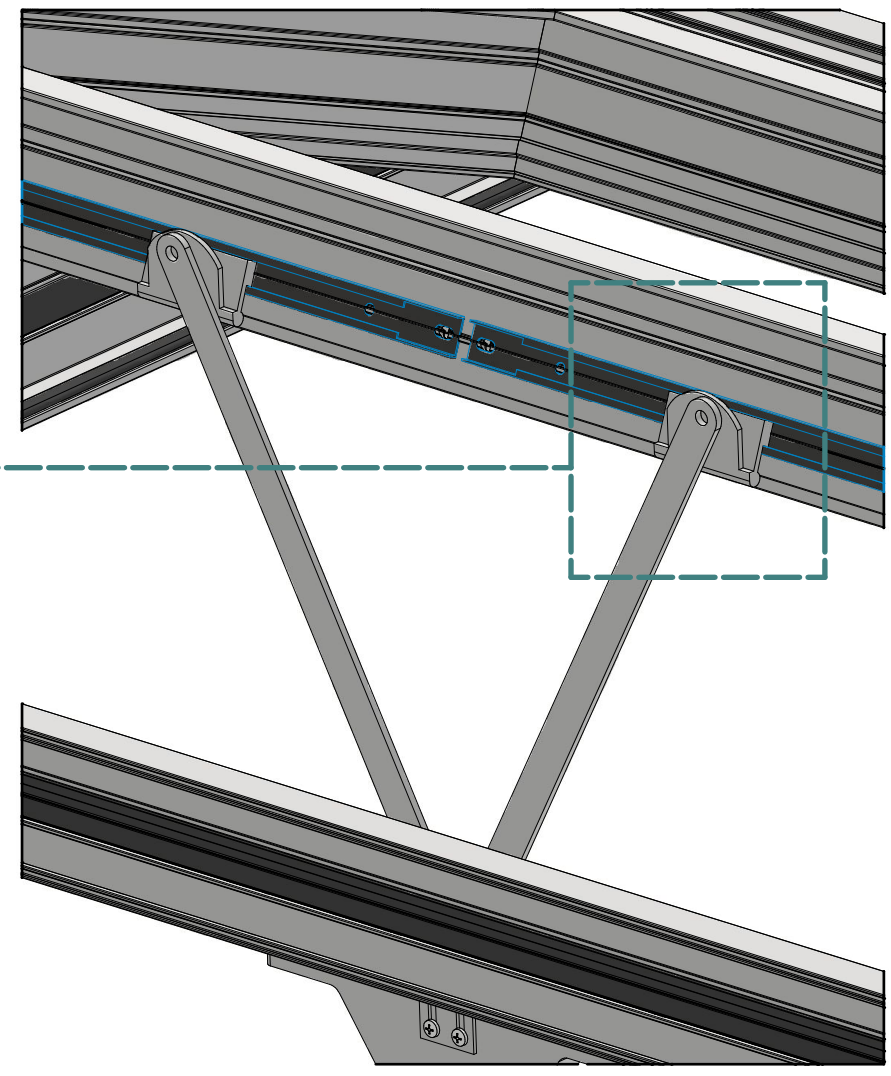
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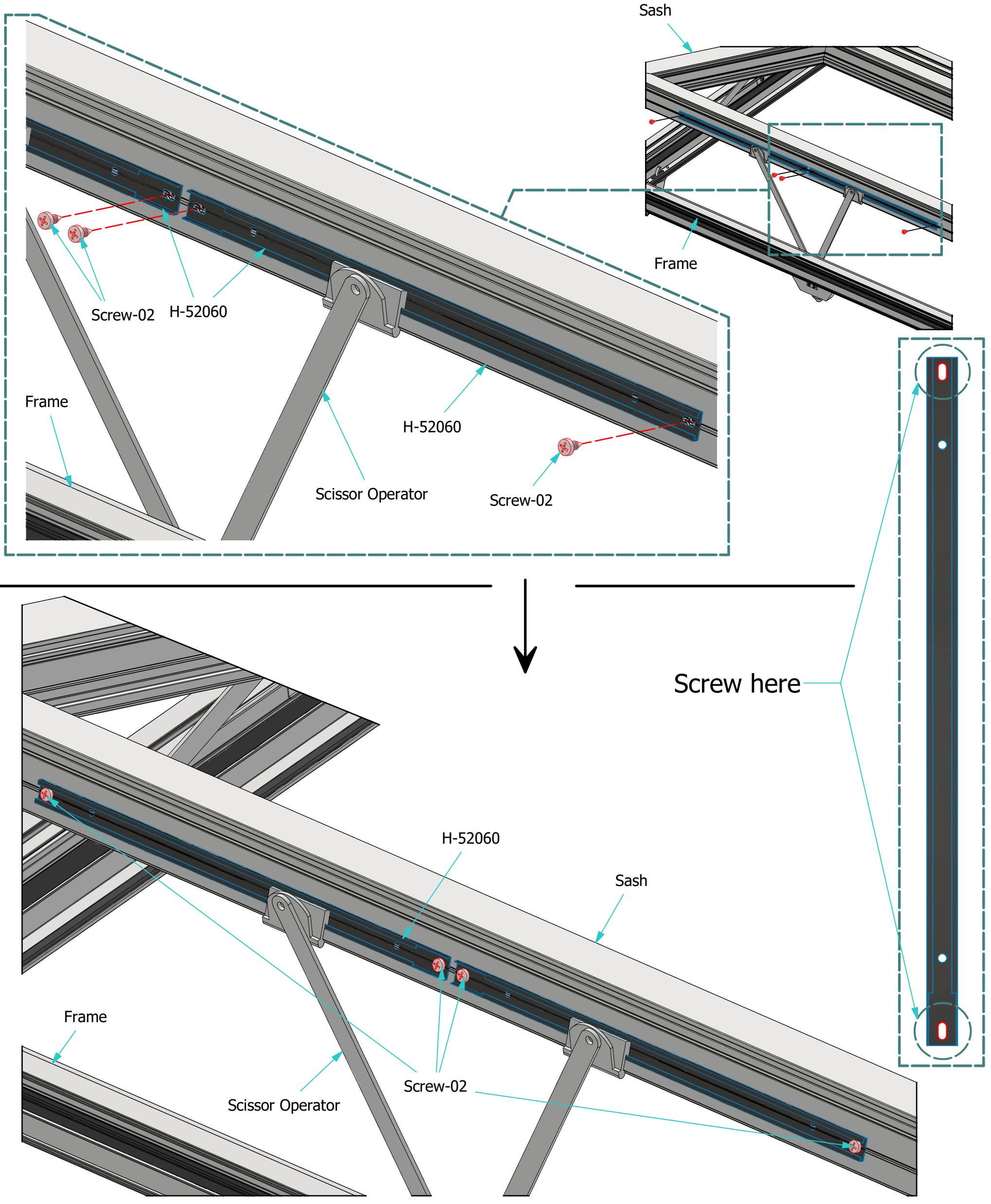
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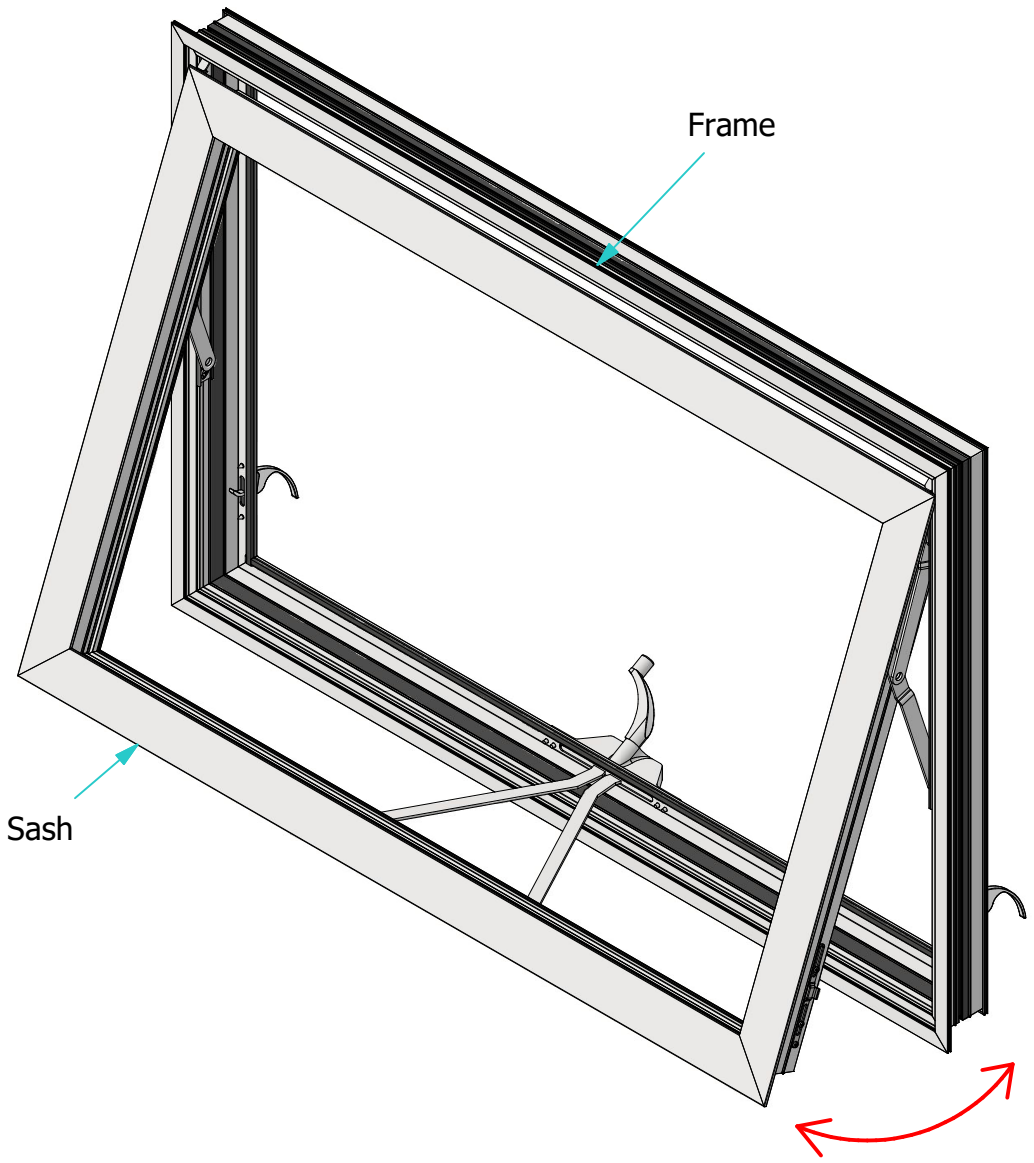
PARTS LIST	
PART NUMBER	DESCRIPTION
H-52060	Stainless Track for scissor operator
Scissor Operator	Size and part number vary by job
Screw-02	#10 x 1/2" Quadrex Pan Head Screw, Zinc

2) -**Secure the Rail Track**
Align the Rail track **(H-52060)** with the pre-drilled holes on the bottom of the sash, then secure it using **Screw-02**.



STEP 10 (Test Scissor Operator Functionality) :

Open the vent in the vertical position to verify the scissor operator's functionality. If any defects or issues are observed, notify your supervisor.



STEP 11 (Install PVC Curtain Wall Adaptors) :

Install four PVC curtain wall adaptors **(R-53501)** onto the frame, one on each side of the frame.

Note:

Perform this step only when the vent is designated for curtain wall applications.

