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I. SERVICE & MAINTENANCE PROCEDURES

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This document provides step-by-step instructions on how to open and close the door latch on the ArowGuard Slide System.
DOOR LATCH
MODEL – SLIDE SYSTEM

TOOLS REQUIRED:
• None

OPENING (RELEASING) DOOR LATCH
1. To release push knob in an outward direction as shown in Figure 1.

CLOSING DOOR AND LATCHING DOOR LATCH
1. To close door, grip handle as shown in Figure 2 and firmly pull door closed to engage slam latch.

Figure 1 – Push knob in an outward direction.

Figure 2 – Grip handle and firmly pull to engage latch.
LATCH ASSEMBLY AND ADJUSTMENT

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This document provides step-by-step instructions on how to assemble and adjust the latch striker on the ArowGuard Slide System.
LATCH ASSEMBLY
MODEL – SLIDE SYSTEM

TOOLS REQUIRED:
- \( \frac{5}{32} \)” Hex Key
- \( \frac{7}{16} \)” Wrench

LATCH COVER REMOVAL
1. Remove the latch cover. Reference the Latch Cover Removal and Replacement procedure for instructions.

ADJUSTING THE LATCH ASSEMBLY POSITION
1. Using the \( \frac{5}{32} \)” hex key and \( \frac{7}{16} \)” wrench, loosen the nuts shown in Figure 1. This allows the latch assembly to slide for adjustment.

   NOTE: Do not fully remove the nuts.

2. With the latch assembly loose, move the base plate in/out as shown in Figure 2. Position the striker bar in the center of the latch jaw, indicated by the red target as shown in Figure 3. Test the striker bar position by latching and unlatching the door to confirm adjustment location.

   NOTE: The striker bar is not adjustable. All adjustment should be made to the latch assembly plate.

3. Using the \( \frac{5}{32} \)” hex key and \( \frac{7}{16} \)” wrench, tighten the nuts and screws shown in Figure 1 to a final torque of 75 in-lbs.

4. Check for proper latch engagement on the door by cycling the lock open and closed several times.

   If binding or inoperable, check adjustments again.

   If operation is satisfactory, the latch assembly adjustment is complete.

LATCH COVER REPLACEMENT
1. Reinstall the latch cover. Reference the Latch Cover Removal and Replacement procedure for instructions.
# Latch Cover Removal and Replacement

This document provides step-by-step instructions on how to remove and replace the latch cover on the ArowGuard Slide System.

## Latch Cover Removal and Replacement

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**This document provides step-by-step instructions on how to remove and replace the latch cover on the ArowGuard Slide System.**
LATCH COVER
MODEL – SLIDE SYSTEM

TOOLS REQUIRED:
- \( \frac{1}{8} \)" Hex key
- \( \frac{7}{16} \)" Wrench
- Small flat blade screwdriver

LATCH COVER REMOVAL
1. Using the small flat blade screwdriver, remove the plastic nut covers. Retain for reassembly. See Figure 1 for nut cover locations.
2. Using the \( \frac{7}{16} \)" wrench, remove the nuts and washers. Retain for reassembly. See Figure 1 for nut and washer locations.
3. Using the \( \frac{1}{8} \)" hex key, remove the flat head bolts. Retain for reassembly. See Figure 1 for bolt locations.
4. Slide latch cover around release knob and off of door, as shown in Figure 2.

LATCH COVER REPLACEMENT
1. Slide latch cover around release knob and onto door, as shown in Figure 2.
2. Locate the hardware removed in step 3 of latch cover removal. Using the \( \frac{1}{8} \)" hex key, install the flat head bolts, tightening to a final torque of 23 in-lbs. See Figure 1 for bolt locations.
3. Locate the hardware removed in step 2 of latch cover removal. Using the \( \frac{7}{16} \)" wrench, install the washers and nuts, tightening to a final torque of 75 in-lbs. See Figure 1 for nut and washer locations.
4. Locate the hardware removed in step 1 of latch cover removal. Reinstall the plastic nut covers. See Figure 1 for nut cover locations.
The document provides step-by-step instructions on how to make adjustments to the upper slider track on the ArowGuard Slide System.
UPPER SLIDER TRACK
MODEL – SLIDE SYSTEM

TOOLS REQUIRED:

- Small flat blade screwdriver
- 7/16” Wrench
- 5/32” Hex key

UPPER SLIDER TRACK ADJUSTMENT

1. Using the small flat blade screwdriver, remove the plastic nut covers shown in Figure 1.
   Retain the nut covers for reinstallation after adjustments have been made.

2. Loosen the nuts using 5/32” hex key and the 7/16” wrench. See Figure 2 for hardware locations.
   **NOTE:** Do not fully remove the nuts from the bolts.

3. Make horizontal adjustments to the slider track until the sliding sash is centered in the track. See Figure 3.
   Make vertical adjustments to the slider track until there is approximately a 1/16” gap between the mating surfaces of the track liner and sliding sash. See Figure 3.
   **NOTE:** If additional vertical adjustment is required, refer to the Lower Slider Track Adjustment procedure.

4. Tighten the lock nuts to 75 in-lbs using the 5/32” hex key and the 7/16” wrench. See Figure 2.

5. Slide the sash completely forward and backward to verify that it operates smoothly and without vibration. See Figure 4.

6. Repeat steps 2 – 4 if additional adjustment is required.

7. Replace the plastic nut covers upon completion of adjustments. See Figure 1.

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**Figure 1** – Removal/replacement of plastic nut covers.

**Figure 2** – Loosening/tightening of nuts.

**Figure 3** – Adjusting the slider track.

**Figure 4** – Slide sash forward and backward.
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This document provides step-by-step instructions on how to adjust the lower slider track on the ArowGuard Slide System.

**NOTE:** Adjustments should only be made to the lower track if adjustments to the upper track are not found to be adequate.
LOWER SLIDER TRACK
MODEL – SLIDE SYSTEM

TOOLS REQUIRED:
- 1/8" Hex key
- 7/16" Wrench
- Small flat blade screwdriver

NOTE: Adjustments should only be made to the lower track if adjustments to the upper track are not found to be adequate.

LATCH COVER REMOVAL
1. Remove the latch cover. Reference the Latch Cover Removal and Replacement procedure for instructions.

LOWER SLIDER TRACK ADJUSTMENT
1. Remove the plastic nut covers using a small flat blade screwdriver. Reference Figure 1 for their locations.
2. In order to lower/raise the lower slider track, loosen nuts using a 7/16" wrench. See Figure 2 for location of nuts.

NOTE: Do not fully remove the nuts from the studs.
3. Lower/raise the lower slider track to allow for proper readjustment of the upper slider track. See Figure 3.
4. After locating the slider track in an acceptable position, tighten nuts to 75 in-lbs. using the 7/16" wrench. See Figure 2 for location of nuts.
5. Reinstall the plastic nut covers. See Figure 1.

LATCH COVER REPLACEMENT
1. Reinstall the latch cover. Reference the Latch Cover Removal and Replacement procedure for instructions.

UPPER SLIDER TRACK ADJUSTMENT
1. Readjust upper slider track. Reference the Upper Slider Track Adjustment procedure for instructions.

Figure 1 – Removal/replacement of plastic nut covers.
Figure 2 – Loosening/tightening of nuts.
Figure 3 – Adjustment of slider track.
This document provides step-by-step instructions on how to remove and replace the sliding sash/front glazing on the ArowGuard Slide System.
SLIDING SASH/FRONT GLAZING
MODEL – SLIDE SYSTEM

TOOLS REQUIRED:
- Torx T20 Screwdriver
- Loctite 243 Threadlocker

SLIDING SASH / FRONT GLAZING REMOVAL
1. Using the Torx T20 Screwdriver, remove the screws and stop plate on both the upper and lower slider tracks as shown in Figure 1. Retain the four (4) screws and two (2) stop plates for reinstallation after sash replacement.
2. Remove sliding sash by disengaging the rocker latch and sliding the sash gently outwards until it disengages from the top and bottom track. See Figure 2.

SLIDING SASH / FRONT GLAZING REPLACEMENT
1. Reinstall the sliding sash by sliding the lower T-rail into the lower slider track. Disengage the rocker latch and gently slide the sash inward. Align the upper T-rail and upper slide track. Continue sliding the sash inward until the slider sash stops can be reinstalled. See Figure 2.
2. Using the Torx T20 Screwdriver, install the two (2) stop plates and four (4) screws as shown in Figure 1. Tighten to a final torque of 23 in-lbs.

NOTE: Apply Loctite 243 Threadlocker to the screws prior to installation.
### Fixed Glass Removal and Replacement

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This document provides step-by-step instructions on how to remove and replace the fixed glass on the ArowGuard Slide System.
FIXED GLASS:
MODEL – SLIDE SYSTEM

TOOLS REQUIRED:
- 7/16" Wrench
- 5/32" Hex key
- Small flat blade screwdriver
- Plastic pry bar (used for automotive glass installation)
- Glass cleaner

SASH / FRONT GLAZING REMOVAL
1. Remove the sliding sash / front glazing. Reference the Sliding Sash / Front Glazing Removal and Replacement procedure for instructions.

UPPER SLIDER TRACK ASSEMBLY REMOVAL
1. Remove the plastic nut covers using a small flat blade screwdriver. Reference Figure 1 for their locations.
2. Remove the nuts, washers and bolts using the 5/32" hex key and the 7/16" wrench. Reference Figure 1 for their locations.

NOTE: Retain all hardware for reassembly.

FIXED GLASS REMOVAL
1. Using the 5/32" hex key and 7/16" wrench, loosen the bolts and acorn nuts as shown in Figure 2.

NOTE: Do not fully remove the nuts from the bolts.
2. Insert the plastic pry bar for automotive glass installation between the glass and clamp, as shown by the blue bar in Figure 3.

Pry the glass clamp away from the glass using the motion shown in Figure 3. The intention of this step is to break the bond of the three (3) clamps from the glass in order to facilitate easy glass removal.

NOTE: It may be necessary to pry the glass away from both sides of the clamp frame.
3. Using the glass cleaner, generously spray along the edges of both sides of the glass to provide lubrication for removal.

4. Firmly grip glass and slide out of frame as shown in Figure 4.

**FIXED GLASS REPLACEMENT**

1. Using the glass cleaner, generously spray the entire glass channel to provide lubrication for glass installation.

2. Firmly grip glass and slide into the channel until it is fully seated into the frame. Reversal of Figure 4.

3. Using the 5/32" hex key and 7/16" wrench, tighten the bolts and nuts loosened in step 1 of Fixed Glass Removal to a final torque of 75 in-lbs.

   Tighten bolts in the sequence shown in Figure 5.

**UPPER SLIDER TRACK ASSEMBLY REPLACEMENT**

1. Using the 5/32" hex key and 7/16" wrench, reattach and loosely tighten the bolts and nuts that were removed in step 1 of Upper Slider Assembly Removal. Reference Figure 1 for their locations.

   NOTE: Upper slider track will require adjustment after the sliding sash / front glazing is reinstalled.

**SASH/FRONT GLAZING REPLACEMENT**

1. Reinstall the sliding sash / front glazing. Reference the Sliding Sash / Front Glazing Removal and Replacement procedure for instructions.

**UPPER SLIDER TRACK ASSEMBLY ADJUSTMENT**

1. After reassembling all components, adjust the upper slider track assembly. Reference the Upper Slider Track Adjustment procedure for instructions.
This document provides step-by-step instructions on how to make adjustments to the tether strap on the ArowGuard Slide System.
TETHER STRAP
MODEL – SLIDE SYSTEM

TOOLS REQUIRED:
• 7/16" Wrench

TETHER STRAP ADJUSTMENT
1. Using the 7/16" wrench, remove the nuts and washers located behind the tether strap. See Figure 1 for hardware location.
2. Remove the tether strap and tether strap retainer from the door.
   To tighten the strap: place back onto the door utilizing the right hand slots.
   To loosen the strap: place back onto the door utilizing the left hand slots.
   Refer to Figure 2 for location of slots.
3. Once the tether strap tension is satisfactory, use the 7/16" wrench to reinstall the nuts and washers. Tighten to a final torque of 75 in-lbs. See Figure 1 for hardware location.

Figure 1 – Nuts and washers behind strap.

Figure 2 – Slots to loosen or tighten strap.