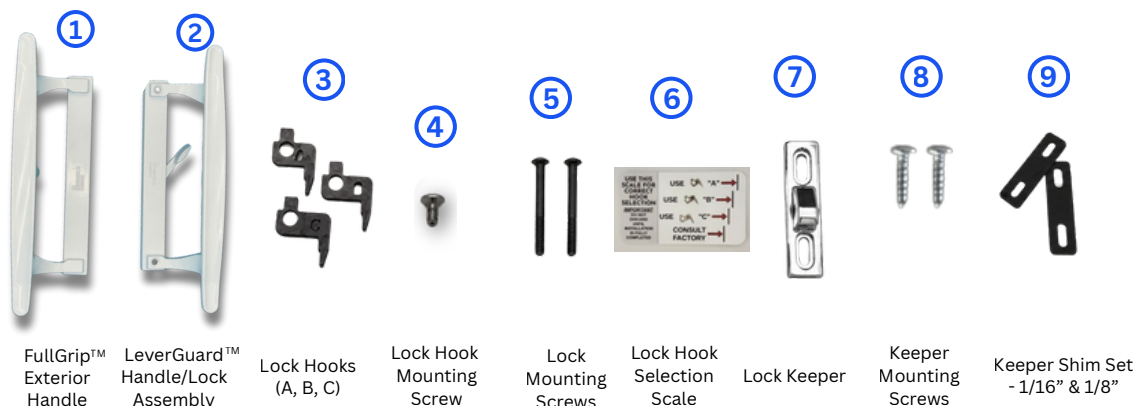




Kit Contents



Tools Required



Medium #2
Phillips Screwdriver



IMPORTANT: Be sure to first check contents of kit to be sure you have everything per the content list. Should you have any questions or concerns with installation please feel free to reach out to us for assistance at 941-875-8932 or info@handleman.net

PART 1 REMOVE EXISTING HARDWARE

1 Remove the Existing Handle & Lock Hardware

- Using the screwdriver, remove the two existing mounting screws identified as "A" in Diagram 1 from the interior side of the door.
- Once the mounting screws have been removed, carefully separate and remove the existing interior and exterior handles, lock assembly, and all related hardware from the door.
- The removed mounting screws, handles, lock assembly, and all related hardware will not be reused during the installation of your new Handle-Man LeverGuard™ Lock/Double Handle Assembly and may be discarded.

Important:

- Support the existing exterior recessed handle while removing the mounting screws to prevent it from falling and causing damage to the door, glass, or surrounding surfaces.
- Before proceeding, inspect the door cutout and remove any dirt, debris, old sealant, or adhesive residue to provide a clean, smooth mounting surface for the new LeverGuard™ Lock/Double Handle Assembly.



Diagram 1

2 Remove the Existing Manufacturer's Lock Keeper from the Door Jamb (frame)

- Using the screwdriver, remove the two screws securing the existing lock keeper to the door jamb (frame), as shown in Diagram 2.
- Remove the existing lock keeper and discard it along with the mounting screws. These components will not be reused during the installation of your new Handle-Man LeverGuard™ Lock/Double Handle Assembly.
- Inspect the door jamb (frame) for multiple screw holes and note the mounting holes that were currently used. These holes will typically provide the best fit and alignment when installing the new Handle-Man LeverGuard™ Lock Keeper, as shown in Diagram 3.

Important:

- Using the most recently used mounting holes whenever possible helps ensure proper lock alignment and minimizes the need for additional adjustments during installation.
- Before installing the new Lock Keeper, inspect the mounting surface and remove any dirt, debris, old sealant, or other obstructions that could prevent the Keeper from seating flush against the door jamb.



Diagram 2



Diagram 3

PART 2 CONFIGURE THE LOCK

3 Determine the Correct Lock Hook & Door Orientation

Before assembling your new Handle-Man LeverGuard™ Lock Assembly, you must determine the correct Lock Hook size and the proper mounting orientation for your sliding glass door.

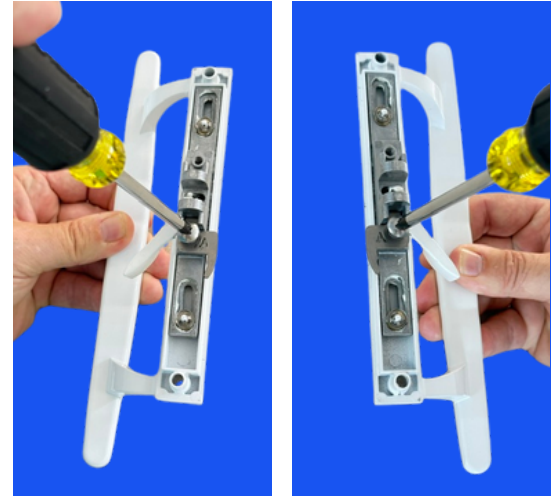
1. Fully insert the Lock Hook Selection Scale (Item ⑥) into the existing door cutout as shown in Diagram 4.
2. Observe which reference line on the scale aligns closest to the edge of the door cutout. This will identify the correct Lock Hook (A, B, or C) required for your installation.
3. Mount the selected Lock Hook using the Lock Hook Mounting Screw (Item ⑦) by securing tightly onto the LeverGuard™ Lock Assembly (Item ②) in the correct position for either a Right-Hand or Left-Hand door configuration, as shown in Diagram 5.

Important:

- When determining door orientation, always reference the door from inside your home looking toward the sliding glass door.
- Selecting the correct Lock Hook and Mounting Orientation is essential for proper lock engagement, smooth operation, and maximum security.
- Before proceeding, verify that the correct Lock Hook has been installed tightly and that it is properly oriented for your door configuration.



Diagram 4



Set-up for Left panel Set-up for Right panel

Diagram 5

PART 3 INSTALL INTERIOR HANDLE LOCK & EXTERIOR HANDLE

4 Prepare the Mounting Screws

1. Remove the Mounting Screws (Item ⑧) from their packaging and place them within easy reach for the final assembly.
2. Have the screwdriver readily available, as it will be used during the final assembly of the Handle-Man LeverGuard™ Lock/Double Handle Assembly.

Important:

- Do not install the Mounting Screws at this time.
- The Mounting Screws will be installed after the interior and exterior assemblies have been properly positioned in the following steps.
- Keeping the Mounting Screws and screwdriver readily accessible will help ensure a smooth and efficient installation.

5 Install the Interior LeverGuard™ Lock Assembly

1. From the interior side of the door, position the LeverGuard™ Interior Handle/Lock Assembly (Item ②) as shown in Diagram 6.
2. Carefully insert the Lock Hook through the existing door cutout. Once the Lock Hook has cleared the opening, gently pivot the assembly into position until it is fully seated and flush against the door.
3. Continue holding the LeverGuard™ Interior Handle/Lock Assembly firmly in place while completing Steps 6 and 7.

Important:

- Ensure the Lock Hook passes freely through the door cutout without forcing or bending any components.
- Verify that the Interior Handle/Lock Assembly is fully seated, flush against the door, before proceeding.
- Maintaining light pressure on the assembly during the next two steps will help keep all components aligned and simplify installation of the FullGrip™ Exterior Handle and Mounting Screws.



Diagram 6

6 Position the Exterior FullGrip™ Handle

1. From the exterior side of the door, position the FullGrip™ Exterior Handle (Item ③) into the existing door cutout, as shown in Diagram 7.
2. Carefully guide the handle assembly into the opening until it is fully seated and flush against the exterior surface of the door.
3. Continue holding both the LeverGuard™ Interior Handle/Lock Assembly and the FullGrip™ Exterior Handle firmly in position while completing Step 7.

Important:

- Verify that both assemblies are fully seated, flush against the door, and Handles are properly orientated on the door before installing the Mounting Screws.
- Do not force either assembly into position. If resistance is encountered, remove the assemblies and inspect the door cutout and Lock Hook for proper alignment.
- Maintaining light pressure on both assemblies during the next step will help ensure proper alignment and simplify installation of the Mounting Screws.



Diagram 7

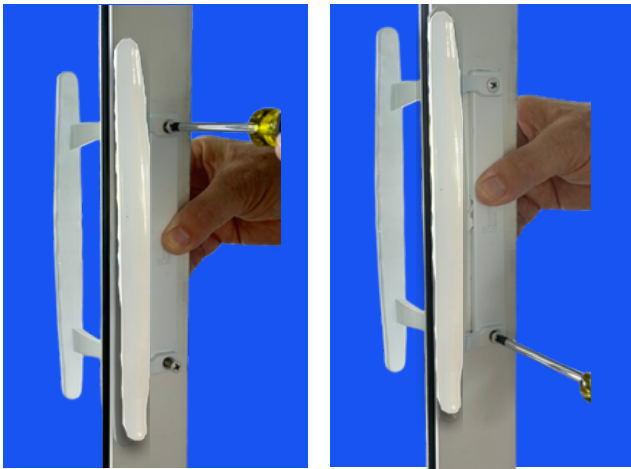


Diagram 8

7 Secure the LeverGuard™ Lock Assembly and FullGrip™ Exterior Handle

1. While holding both the LeverGuard™ Interior Handle/Lock Assembly (Item ②) and the FullGrip™ Exterior Handle (Item ③) firmly in position, install the two Mounting Screws (Item ④).
2. From the interior side of the door, insert the Mounting Screws through the LeverGuard™ Interior Handle/Lock Assembly and thread them into the FullGrip™ Exterior Handle, as shown in Diagram 8.
3. Using the screwdriver, start both screws before tightening either one completely. Tighten the screws evenly, alternating between them until both assemblies are securely fastened and seated flush against the door.

Important:

- Verify that both assemblies remain properly aligned while tightening the Mounting Screws.
- Tighten the screws evenly to prevent misalignment or binding of the lock mechanism.
- Do not overtighten. Tighten only until the assemblies are secure, stable, and sit flush against the door surface.

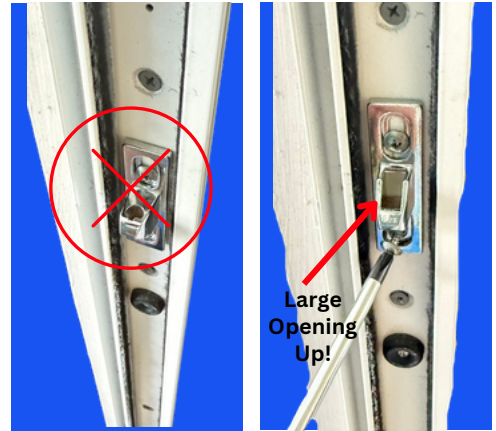
PART 4 INSTALL LOCK KEEPER

8 Install and Align the LeverGuard™ Lock Keeper

1. Position the LeverGuard™ Lock Keeper (Item ⑤) on the door jamb (frame) in the correct orientation, as shown in Diagram 9. The larger opening must face upward, and the smaller opening must face downward.
2. Install the two Keeper Mounting Screws (Item ⑥) and tighten them lightly, allowing the Lock Keeper to slide slightly up and down while maintaining light resistance.
3. Place the lock in the unlocked position by moving the Lock Lever downward.
4. Slowly close the sliding door against the jamb (frame). As the door closes, the Lock Keeper will naturally align with the opening in the edge of the door.
5. Carefully reopen the door without disturbing the Lock Keeper's position.
6. Using the screwdriver, fully tighten the two Keeper Mounting Screws to secure the Lock Keeper in its final position.
7. Close the sliding door again to verify that it passes over the Lock Keeper smoothly without resistance or interference.

Important:

- Correct orientation of the Lock Keeper is essential for proper lock operation.
- Do not fully tighten the Keeper Mounting Screws until the alignment process has been completed.
- If the door does not close smoothly over the Lock Keeper, slightly loosen the Keeper Mounting Screws and repeat the alignment procedure before fully tightening them.



Incorrect Orientation Correct Orientation

Diagram 9

PART 5 TEST LOCK OPERATION

9 Test Lock Operation

1. Close the sliding door completely and verify that it is fully seated against the door jamb.
2. Move the Lock Lever to the locked position (upward) and confirm that the lock engages the Lock Keeper smoothly and without resistance.
3. Return the Lock Lever to the unlocked position (downward) and verify that the door opens freely.
4. Repeat the locking and unlocking process several times to confirm smooth, consistent operation and proper alignment of all components.

Important:

- Do not apply excessive force to the Lock Lever if resistance is encountered.
- If the lock does not engage or release smoothly, do not force the mechanism. Refer to the "Shimming the Lock Keeper (If Required)" procedure (see Diagram 10) to make any necessary alignment adjustments.

Installation Complete

Your new Handle-Man LeverGuard™ Lock/Double Handle System has been successfully installed.

Perform a final visual inspection to verify that:

- All mounting screws are securely tightened.
- The Interior LeverGuard™ Lock Assembly and Exterior FullGrip™ Handle sit flush against the door.
- The LeverGuard™ Lock Keeper is securely fastened to the door jamb (frame).
- The lock engages and releases smoothly through several operating cycles.

Thank you for choosing Handle-Man®. Enjoy the enhanced security, comfort, and performance of your new LeverGuard™ Lock/Double Handle System.

Shimming of Keeper (only necessary in some cases)

If, during Step 9 Test Lock Operation, you experience resistance when moving the Lock Lever into the locked position, the Lock Keeper may require shimming to achieve proper alignment.

Selecting the Correct Shim

- Light resistance when locking: Install the 1/16" Keeper Shim.
- Heavy or complete resistance when locking: Install the 1/8" Keeper Shim.

Installing the Keeper Shim

1. Remove the two Keeper Mounting Screws and the LeverGuard™ Lock Keeper from the door jamb.
2. Position the selected Keeper Shim behind the Lock Keeper with the flat surface of the shim facing the door jamb (frame), as shown in Diagram 10.
3. Reinstall the Lock Keeper using the Keeper Mounting Screws, tightening the screws only lightly to allow for final alignment.
4. Repeat Step 8 – Install and Align the LeverGuard™ Lock Keeper and Step 9 – Test Lock Operation to verify proper alignment and smooth lock operation.

Important:

- Install only one Keeper Shim thickness at a time. Do not stack shims unless specifically instructed.
- Do not fully tighten the Keeper Mounting Screws until the Lock Keeper has been properly aligned.
- If resistance remains after installing the recommended shim, verify the Lock Keeper orientation and alignment before selecting a different shim thickness.
- Properly shimming the Lock Keeper ensures smooth lock engagement, reliable operation, and maximum security.



Diagram 10

Concern	Solution
Assembly Screws won't begin to Tighten.	Move the inside or the outside halves up and down to better align for screws to start threading.
Lock Lever has resistance or completely won't operate with door in the open position.	Double check if the Lock Hook (Item ③) is improper and making contact to the door frame and if interference is found select a lower letter Lock Hook and check again.
If Lock Lever won't fully engage in lock position.	Double check that the Lock Keeper (Item ⑦) is mounted with the larger opening upward, if not remove Lock Keeper and reposition properly per step #8.
Lock engages with resistance or won't engage at all when door is fully shut.	Refer back to "Shimming the Keeper Section."
Difficulty screwing the Keeper Screws into the existing mounting holes	The supplied keeper screws are intentionally larger for a more secure installation. Verify you're using a medium #2 Phillips screwdriver. If needed, slightly enlarge the holes (up to 5/32") or use a screw gun to help start the screws.
The Screws lock mount (Item ⑤) included in the kit are either too long or not long enough.	Consult company.

For All other concerns reach out to us at 941-875-8932 or info@handleman.net