INTRODUCTION

The Larson ESCAPE retractable screen features a fully assembled screen cassette pre-sized for opening sizes indicated on the packaging box. If the door opening is shorter than this product, contact Larson for help with another product.

The instructions are split into two sections: RECESS INSTALLATION, PAGE 2, and SURFACE INSTALLATION, PAGE 9. Determine which you need before starting.

Please contact your Larson Dealer for additional custom sizes and colors.
**ESCAPE 200 RECESS INSTALLATION**

**PART DESIGNATIONS**

- **A** Screen Cassette Assembly
- **B** Bottom Guide Rail
- **C** Top Guide Rail
- **E** Threshold Transition
- **F** Threshold Transition End Caps
- **G** Handle
- **H** Boot Body
- **I** Boot Body End Cap
- **J** #6 x 3/4" (19mm) Phillips Flathead Countersunk Screws for Boot Body End Caps
- **K** Recess Mount Clips
- **M** #8 x 3/4" (19mm) Phillips Panhead Screws
- **P** Pile Weather Strip
- **Q** Top Retainer Guide (can be installed on outer or inner door.)
- **R** Rubber Bumpers
- **S** Slide Bolt
- **T** Bottom Slide Bolt Retainer
- **U** Top Slide Bolt Retainer
- **V** #4 x 3/8" (9.5mm) Phillips Panhead Screws
1 MOUNTING
The A-Screen Cassette will be mounted using K-Recess Mounting Clips inside the door frame.

2 MEASURING
Measure the opening width and height in several places and record the smallest width and height measurement.
3 THE SCREEN CASSETTE

The A-Screen Cassette Assembly can be installed on either the right or left side of the door jamb by flipping the Screen Cassette (the rounded side of the Screen Cassette should face outward).

Determine which will be the top of the H-Boot Body [3.1] and attach the I-Boot Body End Cap on the desired top end using three (3) J-#6 x ¾” (19mm) Phillips Flathead Countersunk Screws.

Slide the H-Boot Body onto what will be the top end of both A-Screen Cassettes [3.2].

Install the Q-Top Retainer Guide [3.3] by sliding it onto the top of both Pull Bars (interior side). For now move the Q-Top Retainer Guide down about 6”. It will be further adjusted in STEP 12.
**OPTIONAL • INSTALLING THE SLIDE BOLT ACCESSORY LOCK**

Identify which of the two screen panels will be the one most often used to enter and exit the home. You will install the Slide Bolt Accessory Lock on the interior side of this inactive panel (the side less used).

On the inactive panel loosen the Allen head set screw on the Q-Top Retainer Guide. Slide to remove the Q-Top Retainer Guide from the interior side of the pull bar and then reinstall it in the same groove but on the opposite side of the pull bar (the exterior side). For now, slide the Q-Top Retainer Guide down about 4” so it is out of the way until it is adjusted and tightened in the final step.

In this same interior groove of the pull bar, slide in an S-Slide Bolt at the bottom and then another at the top. Make certain that the pointed end of each Slide Bolt faces out [4.1].

**INSTALLING THE CASSETTES**

Using the M-#8 x 3/4” (19mm) Phillips Panhead Screws, install the K-Recess Mounting Clips 16” from the top and bottom of the door opening [5.1]. Lock one A-Screen Cassette onto the mounting clips [5.2]. The other A-Screen Cassette will be installed in Step 8.

**CUT THE TOP AND BOTTOM RAILS**

Using the measurements from Step 2,

- **SUBTRACT 5” (127mm) FROM THE TOP GUIDE**
- **SUBTRACT 4-3/8” (111mm) FROM THE BOTTOM GUIDE**

Cut the rails to size.
7 CRIMP WEATHER STRIPS
Crimp in the upraised channel lip on the inside of each corner of the C-Top Guide Rail and B-Bottom Guide Rail to keep the P-Pile/Weather Strip from moving, as shown at left.

8 INSTALLING THE TOP AND BOTTOM GUIDE RAILS
Slide the B-Bottom Guide Rail fully onto the tab on the A-Screen Cassette End Cap [8.1] that was installed on the door frame in Step 5.

Slide the H-Boot Body upward on this Screen Cassette until it rests snug with the top of the door opening [8.2]. Slide the B-Bottom Guide Rail fully onto the A-Screen Cassette End Cap [8.1] of the second cassette that is yet to be installed within the door frame. Position the C-Top Guide Rail so that it rests on the Pull Bar of the A-Screen Cassette Assembly that has already been installed. Position and rest the opposite end of the C-Top Guide Rail on the pull bar of the second A-Screen Cassette Assembly. Move the second A-Screen Cassette into the door frame and lock the second A-Screen Cassette onto the K-Mounting Clips [5.2]. Slide the H-Boot Body upward on the second A-Screen Cassette until it rest snug with the top of the door opening.

Position the C-Top Guide Rail onto the tab of the H-Boot Body [8.3].
OPTIONAL • THRESHOLD TRANSITION FOR RECESS MOUNT ONLY

Before screwing down the B-Bottom Guide Rail, you may choose to install the E-Threshold Transition (with F-Threshold Transition End Caps) 9.4]. This part is optional; it protects the bottom guide rail and it is also a nice aesthetic feature. The Transition may be installed toward the interior or exterior of the home.

To install, cut the Transition to the door opening width, less 6-1/4” (159mm) for Double Door Screens. Insert the F-Threshold Transition End Caps, slide the lip of the Transition under the Bottom Guide Rail and secure both profiles with four (4) M-#8 x 3/4” (19mm) Phillips Panhead Screws. Position screws 6 inches in from each end and center the middle one.

SECURE THE RAILS WITH SCREWS

Secure the B-Bottom Guide Rail and C-Top Guide Rail with four M-#8 x 3/4” (19mm) Phillips Panhead Screws each. Position screws 6 inches (150mm) in from each end and equally space the remaining screws.

When installing the Bottom and Top Guide Rail, use the convenient Pile Opener included with this kit, to temporarily separate the two insect piles. This will make for easier viewing and installation of the screws.
**OPTIONAL • INSTALLING SLIDE BOLT RETAINERS**
(APPLICABLE ONLY IF STEP FOUR WAS IMPLEMENTED)

Close the screen doors. Now, on the B-Bottom Guide Rail and the C-Top Guide Rail, make pencil marks to the center of the channel in which you’ve installed the Slide Bolts.

Center the T-Bottom Slide Bolt Retainer to your channel mark, with the bottom of the Retainer flush to the bottom of the B-Bottom Guide Rail. Pencil mark the position for the screws, set the Retainer aside, and drill 1/8” holes. Then attach the T-Bottom Slide Bolt Retainer using (2) V- #4 x 3/8” Phillips Panhead Screws [10.1].

Position the U-Top Slide Bolt Retainer so that it also centers to the channel mark, with the bottom of the Retainer flush with the bottom of the C-Top Guide Rail. Pencil mark the position for the 4 screws, set aside the Retainer and drill 1/8” holes. Attach the U-Top Slide Bolt Retainer using (4) V- #4 x 3/8” Phillips Panhead Screws [10.2].

**ADJUSTING THE TOP RETAINER GUIDE & HANDLES**

Adjust the Q-Top Retainer Guide(s) so that they are positioned at the top of the Pull Bar(s) approximately 1/8” (3mm) below the top guide rail. Tighten Allen-Head Set Screw. Adjust the G-Handle heights by loosening the Allen-Head Set Screw, move the G-Handle as desired and retighten screw.

*Note: the Retainer Guide(s) should NOT touch the Top Guide Rail when positioned correctly.*
PART DESIGNATIONS

A  Screen Cassette Assembly
B  Bottom Guide Rail
C  Top Guide Rail
G  Handle
H  Boot Body
I  Boot Body End Cap
J  #6 x 3/4˝(19mm) Phillips Flathead Countersunk Screws for Boot Body End Cap
L  Surface Mount Clips
M  #8 x 3/4˝(19mm) Phillips Panhead Screws
N  1/8˝(3mm) x 1-3/4˝(44mm) Surface Mount Screws for Bottom Guide Rail
O  Surface Mount Screw Cover Caps for Top Rail
P  Pile Weather Strip
Q  Top Retainer Guide (can be installed on outer or inner side.)
R  Rubber Bumpers
S  Slide Bolt
T  Bottom Slide Bolt Retainer
U  Top Slide Bolt Retainer
V  #4 x 3/8˝(9.5mm) Phillips Panhead Screws

Optional Top Slide Bolt

Optional Bottom Slide Bolt
1 MOUNTING
Surface / Flush Mount the A-Screen Cassette using L-Surface Mounting Clips.

2 MEASURING
Place a small mark on the frame to indicate the outside alignment location where you wish to position the screen. Measure the opening width and height in several places and record the smallest width and height measurement.

RECORD

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W __________________
H ________________
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Width (W)

Head

Height (H)

Sill
3 THE SCREEN CASSETTE

The A-Screen Cassette Assembly can be installed on either the right or left side of the door jamb by flipping the Screen Cassette (the rounded side of the Screen Cassette should face outward).

Determine which will be the top of the H-Boot Body [3.1] and attach the I-Boot Body End Cap on the desired top end using three (3) J-#6 x ¾” (19mm) Phillips Flathead Countersunk Screws.

Slide the H-Boot Body onto what will be the top end of both A-Screen Cassette Assemblies [3.2].

Install the Q-Top Retainer Guide [3.3] by sliding it onto the top of both Pull Bars (interior side). For now move the Q-Top Retainer Guide down about 6”. It will be further adjusted in STEP 11.

4 OPTIONAL • INSTALLING THE SLIDE BOLT ACCESSORY LOCK

Identify which of the two screen panels will be the one most often used to enter and exit the home. You will install the Slide Bolt Accessory Lock on the interior side of this inactive panel (the side less used).

On the inactive panel loosen the Allen head set screw on the Q-Top Retainer Guide. Slide to remove the Q-Top Retainer Guide from the interior side of the pull bar and then reinstall it in the same groove but on the opposite side of the pull bar (the exterior side). For now, slide the Q-Top Retainer Guide down about 4” so it is out of the way until it is adjusted and tightened in the final step.

In this same interior groove of the pull bar, slide in an S-Slide Bolt at the bottom and then another at the top. Make certain that the pointed end of each Slide Bolt faces out [4.1].
5 INSTALLING THE CASSETTES
Remove and discard the P-Pile/Weather Strip from the back of A-Screen Cassette. Slide two L-Surface Mount Clips into the groove on the rear of both Screen Cassettes [5.1]. Position one of the A-Screen Cassettes, and use M-#8 x 3/4”(19mm) Phillips Panhead Screws to secure L-Surface Mount Clips to the opening [5.2]. The other A-Screen Cassette will be installed in Step 8.

6 CUT THE TOP AND BOTTOM RAILS
Using the measurements from Step 2,

SUBTRACT 5”(127mm) FROM THE TOP GUIDE
SUBTRACT 4-3/8”(111mm) FROM THE BOTTOM GUIDE

Cut the rails to size.

7 CRIMP WEATHER STRIPS
Crimp in the upraised channel lip on the inside of each corner of the C-Top Guide Rail and B-Bottom Guide Rail to keep the P-Pile/Weather Strip from moving, as shown at left.
8 INSTALLING THE TOP AND BOTTOM GUIDE RAILS

Slide the B-Bottom Guide Rail fully onto the tab on the A-Screen Cassette End Cap [8.1] that was installed on the door frame in Step 5.

NOTE: The Bottom and Top Rails each have decorative grooves on one side. This groove should face the outside [8.2].

Slide the H-Boot Body upward on the A-Screen Cassette until it aligns with the desired alignment mark that you made on the frame [8.3]. Position the C-Top Guide Rail so that it rests on the Pull Bar of the A-Screen Cassette Assembly that has already been installed. Position and rest the opposite end of the C-Top Guide Rail on the pull bar of the second A-Screen Cassette Assembly. Move the second A-Screen Cassette to the door frame and fasten the cassette to the frame using the L-Surface Mount Clips and the M-#8 x 3/4”(19mm) Phillips Panhead Screws [5.2].

Slide the C-Top Guide Rail onto the tab of the H-Boot Body [8.4].

9 SECURE THE RAILS WITH SCREWS

Align the outside edge of both the B-Bottom Guide Rail and C-Top Guide Rail with the alignment mark on the door frame.

**C-Top Guide Rail:** Drill four (4) 3/8”(9.5mm) holes evenly spaced through the outside face only of the front surface of the C-Top Guide Rail. Using these larger holes as a guide, center and drill 1/8”(3mm) through the rear side of the rail. Using the larger 3/8”(9.5mm) holes for access, insert M-#8 x 3/4”(19mm) Phillips Panhead Screws into the 1/8”(3mm) holes to secure the Top Guide Rail to the frame. Complete the installation by inserting O-Cover Caps into the access holes.

**B-Bottom Guide Rail:** Using the Decorative Trim Groove [8.2] as a guide (staying underneath the glide platforms inside the Bottom Guide Rail), drill four (4) 1/8”(3mm) holes evenly spaced and through both sides of the B-Bottom Guide Rail. Secure the rails to the frame using N-1/8”(3mm) x 1-3/4”(44mm) Surface Mount Screws. Do not over tighten.
**OPTIONAL • INSTALLING SLIDE BOLT RETAINERS**  
(APPLICABLE ONLY IF STEP FOUR WAS IMPLEMENTED)

Close the screen doors. Now, on the B-Bottom Guide Rail and the C-Top Guide Rail, make pencil marks to the center of the channel in which you’ve installed the Slide Bolts.

Center the T-Bottom Slide Bolt Retainer to your channel mark, with the bottom of the Retainer flush to the bottom of the B-Bottom Guide Rail. Pencil mark the position for the screws, set the Retainer aside, and drill 1/8” holes. Then attach the T-Bottom Slide Bolt Retainer using (2) V- #4 x 3/8” Phillips Panhead Screws [10.1].

Position the U-Top Slide Bolt Retainer so that it also centers to the channel mark, with the bottom of the Retainer flush with the bottom of the C-Top Guide Rail. Pencil mark the position for the 4 screws, set aside the Retainer and drill 1/8” holes. Attach the U-Top Slide Bolt Retainer using (4) V- #4 x 3/8” Phillips Panhead Screws [10.2].

**ADJUSTING THE TOP RETAINER GUIDE & HANDLES**

Adjust the Q-Top Retainer Guide(s) so that they are positioned at the top of the Pull Bar(s) approximately 1/8”(3mm) below the top guide rail. Tighten Allen-Head Set Screw. Adjust the G-Handle heights by loosening the Allen-Head Set Screw, move the G-Handle as desired and retighten screw.

*Note: the Retainer Guide(s) should NOT touch the Top Guide Rail when positioned correctly.*
TROUBLESHOOTING GUIDE

THE DOOR’S BOTTOM THRESHOLD SLOPES STEEPLY:

► The Bottom Guide will not work properly installed at an angle.

Use wedge shims to adjust the Bottom Guide until level.

SCREEN IS TORN OR DAMAGED:

► Replace the mesh using a Screen Refill Kit.

THE CLOSING MAGNETS DO NOT FULLY SEAL OR THE SCREEN DOES NOT CLOSE EVENLY:

► Clean the Magnets using mild soap and water.

► Clean any debris from inside the Bottom Guide. Debris can interfere with closing and smooth screen operation.

► Open the screen and check that the magnet that is located in the Pull Bar aligns with the magnetic strip in the D-Dual-Mount Side Rail with Magnet. To alter the alignment remove the M-#8 x 3/4”(19mm) Phillips Panhead Screws for the center of the D-Dual-Mount Side Rail. Flex the center of the D-Dual-Mount Side Rail 1/8” - 3/16” (3mm-4mm) toward the outside and then reinstall the M-#8 x 3/4”(19mm) Phillips Panhead Screws.