

Challenger Door

Power window Installation Guide

FOR YOUR SAFETY

READ ALL INSTRUCTIONS BEFORE INSTALLATION

This product is intended to install an Challenger Door supplied Power Cockpit Window System designed to fit in a customer specific opening in either the driver or passenger side of a motorized vehicle. The materials must be installed as described to form a structural unit. The attachment hardware described herein will not be supplied by Challenger Door. The window should not be installed in such a way to obstruct the operators visibility.

INSTALLATION GUIDELINES:

COMPONENTS PROVIDED BY ATWOOD:

QUANTITY	PART NUMBER	DESCRIPTION
1	Customer Specific	Power Window
1	Customer Specific	Stationary Window
1	Customer Specific	Power Window Trim Frame
1	Customer Specific	Stationary Window Retainer Frame
1	Customer Specific	Drain Pan
4 ft	491828	Retainer Frame Screw Cover

COMPONENTS PROVIDED BY INSTALLER:

SCREW; #8-18 x 3/4" MAX SELF DRILL SCREW; #8-18 x 1-1/4" MAX SELF DRILL SCREW; #8-32 x 3/8" PH TAPTIT

SCREW; #8 x 1" PAN HD SCREW SELF DRILL

Removable Sealant Rubbing Alcohol

Adhesive Promoter - Tite-R-Bond

- Screws used must meet S.A.E. specification J933.

- Hole dimensions must be held to size to ensure proper fit.

PREPARATION

1. Review components for all materials, trim frames, drain pan, screw covering, foam seal on inside lip of STATIONARY WINDOW.
2. Remove any trim frames that may be attached to either the STATIONARY or POWER WINDOW assemblies.

ROUGH OPENING

1. Rough open drawings, with window installed, are provided with the initial design.
2. The window is designed to have a .130" clearance around the complete perimeter.
3. Due to the close fit, no additional materials should enter the rough opening.

PRIMARY INSTALLATION

1. Set the drain pan (provided) in position from the coach interior. Locate the tube (supplied or otherwise) to allow free access to drain.
2. Apply a removable sealant to the exterior panel to reduce any rattle that might occur between the coach outer skin and the POWER WINDOW frame.
3. Position the POWER WINDOW in the opening. Do not attach any hardware from the window to the coach.

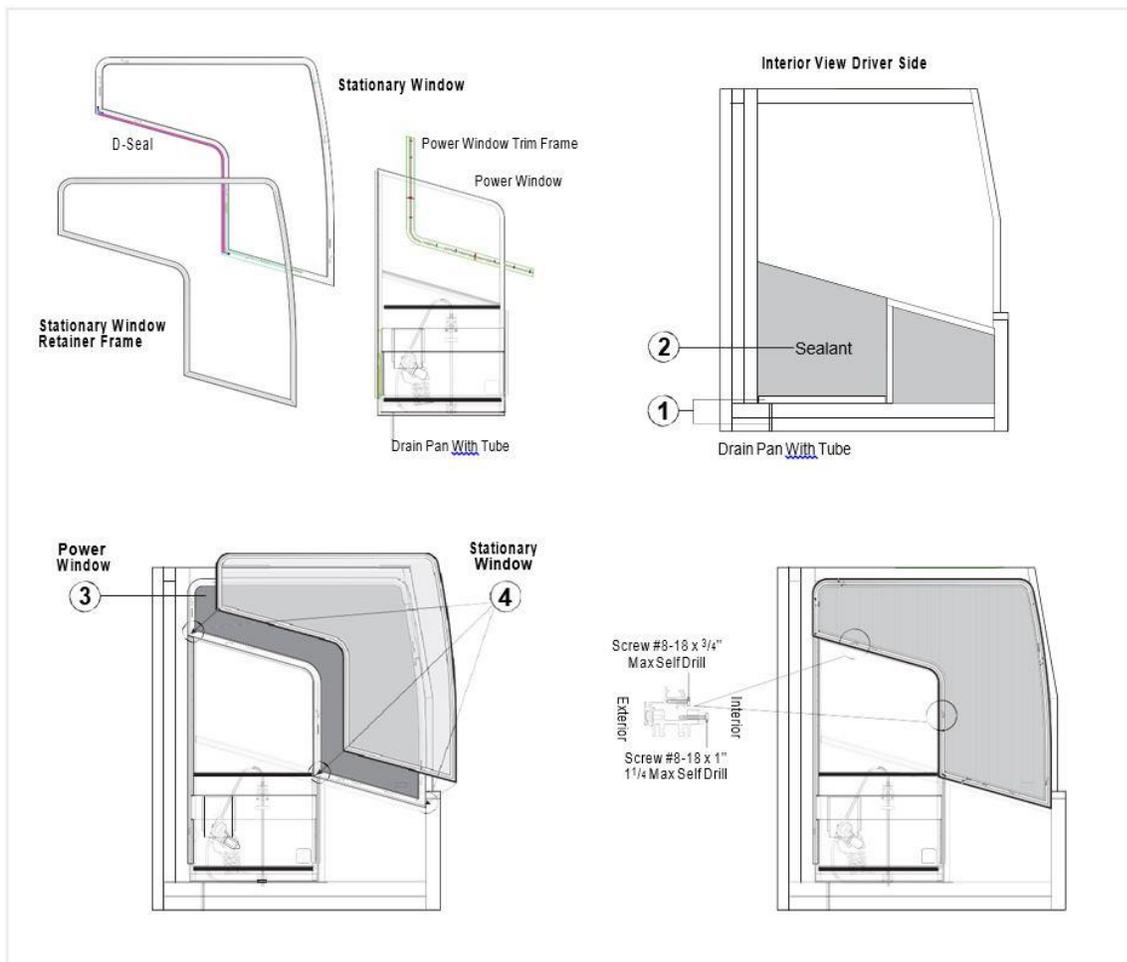
TWO INDIVIDUALS - ONE INTERIOR, ONE EXTERIOR ARE REQUIRED FOR THE FOLLOWING STEPS:

4. Exterior - Set the STATIONARY WINDOW into the opening, directly on the POWER WINDOW in the corner.
5. Exterior - Stabilize the STATIONARY WINDOW, while someone from the interior lines up the two windows. The 'A'-line of each window should line up (detail A).
6. Use the RETAINER FRAME for the STATIONARY WINDOW to connect the two windows together at the corner.
7. Do not completely tighten screws, they will be secured at a later step. Two sets of holes are in the RETAINER FRAME, one set follows the screw groove on the STATIONARY WINDOW (SCREW; #8-18 x 3/4" MAX SELF DRILL) and the other a screw groove on the POWER WINDOW (SCREW; #8-18 x 1- 1/4" MAX SELF DRILL). Use screws to align the windows.
8. With the windows positioned correctly, screw (SCREW; #8 x 1" PAN HD SCREW SELF DRILL) the POWER WINDOW below sill in the holes provided holding the window in place. (Reference areas circled).

9. Install the remaining screws (SCREW; #8-18 x 3/4" MAX SELF DRILL), tighten all screws completely in the RETAINER FRAME, securing assembly. The window is now secure and completely installed from the interior.

FINAL INSTALLATION AND SEALING EXTERIOR

1. Place a bead of removable sealant between the outer skin and the power window to seal any gaps.
2. Place another bead of removable sealant where the D-seal stops between the STATIONARY and POWER WINDOWS.
3. Screw (SCREW; #8-32 x 3/8" PH TAPTIT) the trim frame in place. The trim frame must line up with each corner of the stationary window frame (detail 2 & 3).
4. Wipe the area of the TRIM FRAME with rubbing alcohol. Apply an adhesive promoter to assist the tape (i.e. Tite-R-Bond).
5. Cut the end of the screw cover to match the STATIONARY WINDOW. Apply it around the entire trim frame, trimming the last end to match the STATIONARY WINDOW.



Exterior View

