

SLIDE-OUTS

Purpose

This document outlines the design functionality, plugs, drain pan and the block and replaceable shoe of an In-Wall Slide-out for water intrusion mitigation.

Information

The system is designed to assure the In-Wall Slide-out drains out any water that might collect, preventing overflow into the unit's interior. To assure the system functions properly, confirm the main seal and drain channels are free from dirt, debris, or any foreign objects that could impair drainage. The list below contains the system's preventive measures to keep out the natural element of water.

1. The main external wipe seal (Fig. 1A) catches a majority of water when properly engaged with the top, bottom and sides of the box.
2. The inverted rack profile (Fig. 2A) on the In-wall Slide-out, will provide a path for water to drain down and fall into the corner trim drain cup (Fig. 3A) and flow out of the unit.
3. Due to the cutout in the main seal that follows the contour of the rack, the inverted rack in-wall profile (Fig. 2A) is designed to shed water off the rack instead of allowing it to remain in the extrusion trough.

Fig. 1

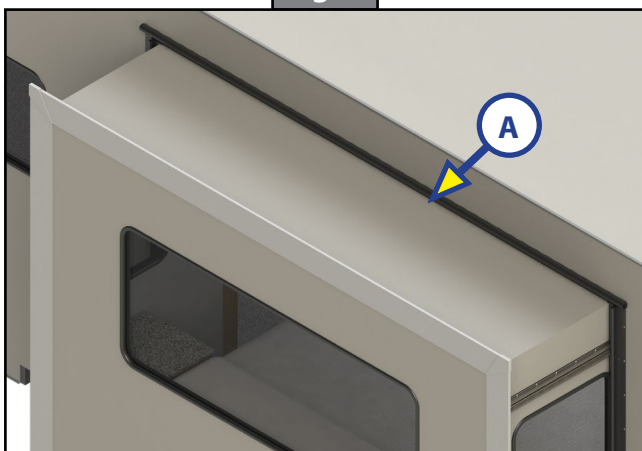


Fig. 2

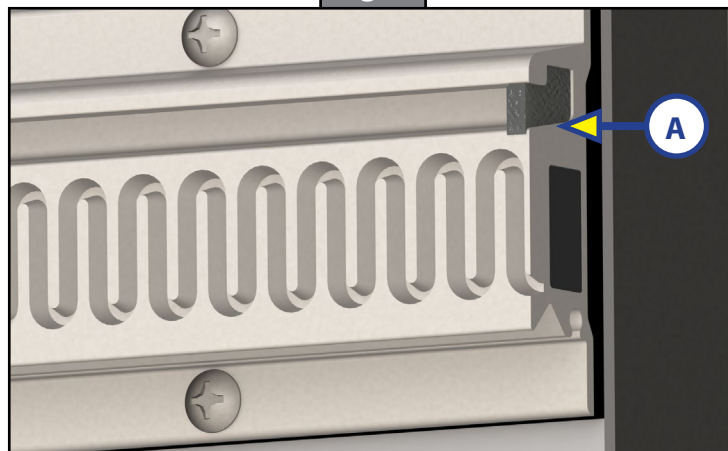
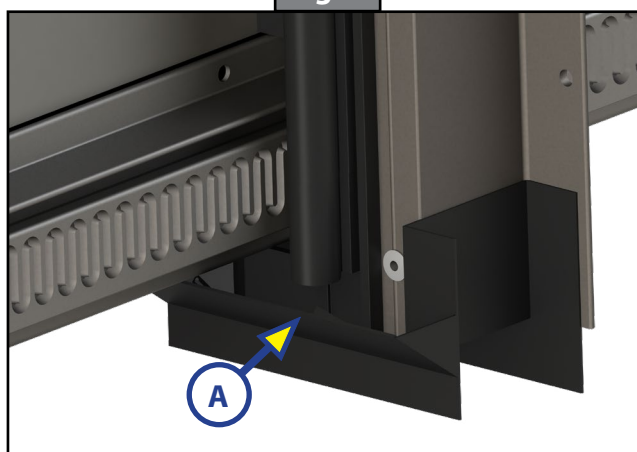


Fig. 3



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4. The foam on the end of the shoe (Fig. 4A) of the bearing block foot (Fig. 4B) minimizes the amount of water that may get past the block and onto the interior rack. The bearing block foot/shoe assembly serves primarily as a bearing/guide for system operation, but has a secondary function as an additional barrier to water intrusion via the extrusion trough.
5. Plugs in the end (Fig. 5A) and center (Fig. 5B) of the rack prevents water from entering inside of the In-wall Slide-out rack.

Fig. 4

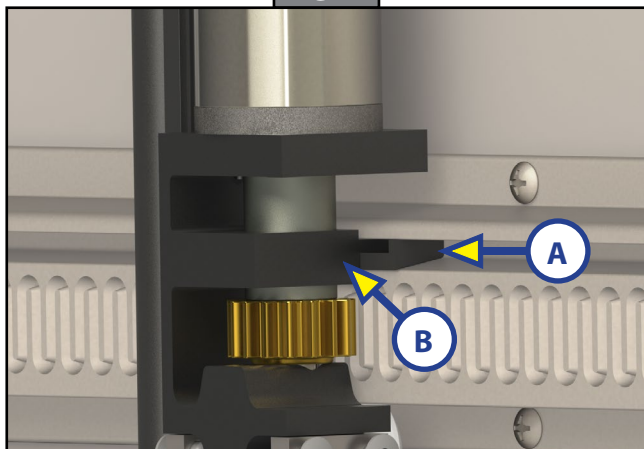
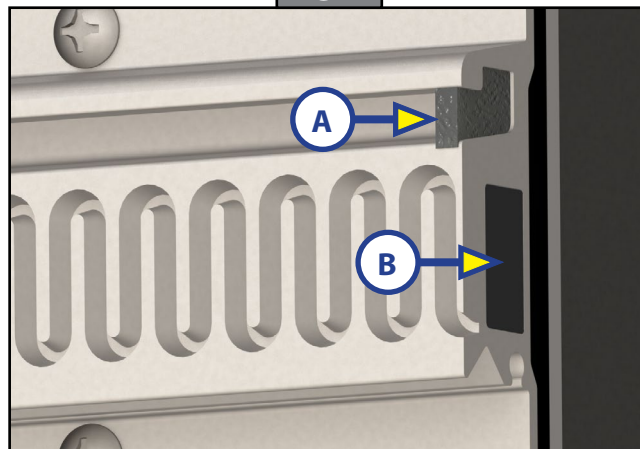


Fig. 5





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