



REPLACEMENT OF THE INVERTED GEAR RACK IN-WALL (SCHWINTEK) SLIDE-OUT SYSTEM

TSB Number:	146-001-2022D		
Product:	Inverted Gear Rack In-Wall Slide-Out System manufactured between October 2021 and January 2022		
Date:	Aug. 26, 2024	Labor Rate:	3.4 Hours Allowed (1.7 hours per side)

NOTE: This bulletin supersedes service bulletin 146-001-2022C dated Aug. 7, 2024, which should be removed from your files. This revision includes the blue notice regarding the use of previous repair kit if currently in customer stock.

NOTE: This bulletin supersedes service bulletin 146-001-2022B dated June 24, 2022, which should be removed from your files. This revision provides information for replacing the Inverted In-Wall Slide-out System as opposed to making repairs with a repair kit.

NOTE: This bulletin supersedes service bulletin 146-001-2022 dated June 22, 2022, which should be removed from your files. This revision provides clarification around the repair kits and corrects an error in kit "C" in the parts tables.

Purpose

This document is to address the concern of the increased frequency of Schwintek slide systems becoming inoperable in the identified time frame.

The primary cause has been determined to be damage to the guide shoe located within the slide mechanism. This can lead to premature system wear and in some cases reaching the point of rendering the system inoperable. While there are multiple contributing factors that can cause this to happen, we have identified a period between October 2021 and January 2022 when inconsistent handling at the Lippert production facility may have caused damage to some shoes. In addition to implementing corrective actions during the assembly process, Lippert made a design improvement to the shoe to provide additional strength. Systems that were subject to damage during this time may be more prone to breakage under certain conditions.

It is important to review the attached TI-177 IN-WALL® SLIDE-OUT TROUBLESHOOTING AND COMPONENT REPLACEMENT document and conduct an inspection of the system to determine the exact cause of the concern. Any obstructions in the system, any damage to wiper seals, any system measurements as referenced that fall out of specification **MUST** be addressed before proceeding with the system replacement. If needed, contact Lippert Customer Care Center for further direction.

NOTICE

Existing repair kits in customer stock are approved for use as substitutes for the new complete In-Wall Replacement System. However, these kits are no longer available for purchase and are considered obsolete moving forward.

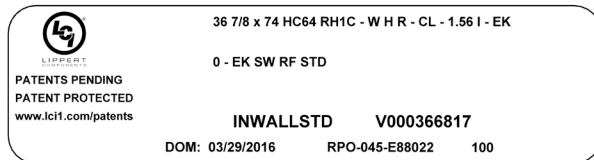
REPLACEMENT OF THE INVERTED GEAR RACK IN-WALL (SCHWINTEK) SLIDE-OUT SYSTEM

TSB Number:	146-001-2022D		
Product:	Inverted Gear Rack In-Wall Slide-Out System manufactured between October 2021 and January 2022		
Date:	Aug. 26, 2024	Labor Rate:	3.4 Hours Allowed (1.7 hours per side)

NOTE: Lippert does NOT require any advance notification or pre-authorization from the Customer Care team if all required documentation is submitted with the request for reimbursement. If the documentation is not submitted with the request, there could be a delay in processing the claim for our dealer, repair center and OEM customers.

The necessary items for reimbursement processing include:

- Unit VIN.
- Clear photo of the Lippert In-Wall system tag (See location of tag on Page 3).
The tag shown below is only a sample picture and not the actual tag for an inverted gear rack slide-out.



- Submission of completed form QR-085D.

Safety

The manuals referenced and attached to this TSB are general instructions for the various In-Wall systems. Many variables can change the circumstances of any procedure, i.e. the degree of difficulty involved in the service operation and the ability level of the individual performing the operation. This document cannot begin to plot out procedures for every possibility, but will provide the general instructions for effectively installing, removing or servicing the system. In the event the skill level required is too advanced or the procedure too difficult, a certified technician should be consulted before performing the necessary operation. Failure to correctly install, remove or service the system may result in inflicting injury or even death.

⚠ WARNING

The "WARNING" symbol above is a sign that a procedure has a safety risk involved and may cause death, serious personal injury, severe product and/or property damage if not performed safely and within the parameters set forth in this document.

REPLACEMENT OF THE INVERTED GEAR RACK IN-WALL (SCHWINTEK) SLIDE-OUT SYSTEM

TSB Number:	146-001-2022D		
Product:	Inverted Gear Rack In-Wall Slide-Out System manufactured between October 2021 and January 2022		
Date:	Aug. 26, 2024	Labor Rate:	3.4 Hours Allowed (1.7 hours per side)

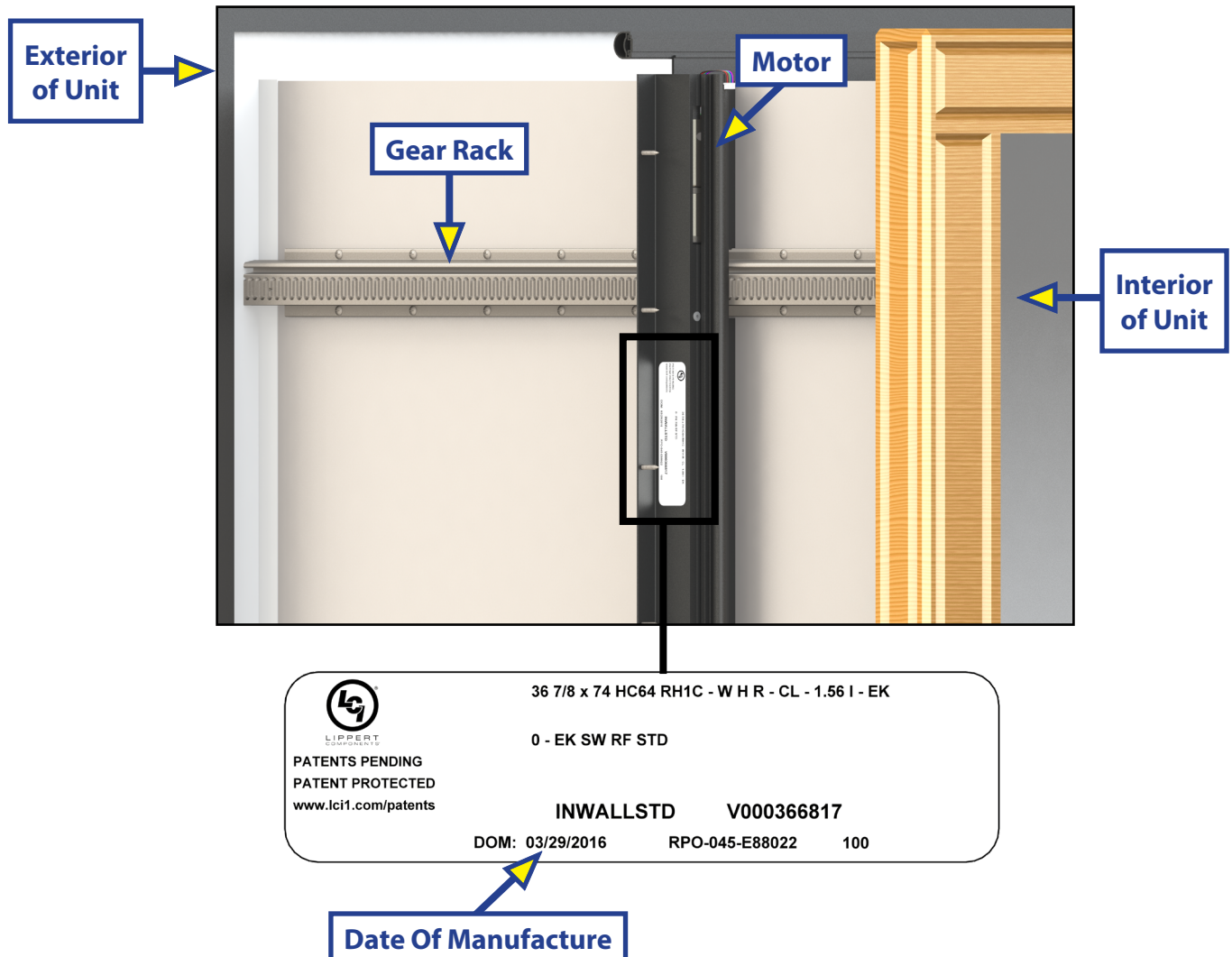
Inspection

The inspection will be to validate the system as being part of the Inverted Gear Rack In-Wall Slide-Out system. The profile of the gear rack will be as shown below under the subsection "Identifying The Inverted Gear Rack In-Wall Slide-Out System."

The specific inverted gear rack systems will have manufactured dates around Oct. 1, 2021, through Jan. 6, 2022. Dates are shown on the variant code tag located on the H-column. See location below.

NOTE: The tag featured is only a sample render and not the actual variant code tag for the inverted gear rack slide-out.

If the system has failed and has been verified as the Inverted Gear Rack In-Wall Slide-Out System, the replacement systems are available through Lippert Customer Care Center at (432) 547-7378. Have the Lippert In-Wall System tag handy as this will be needed to identify the correct replacement system.

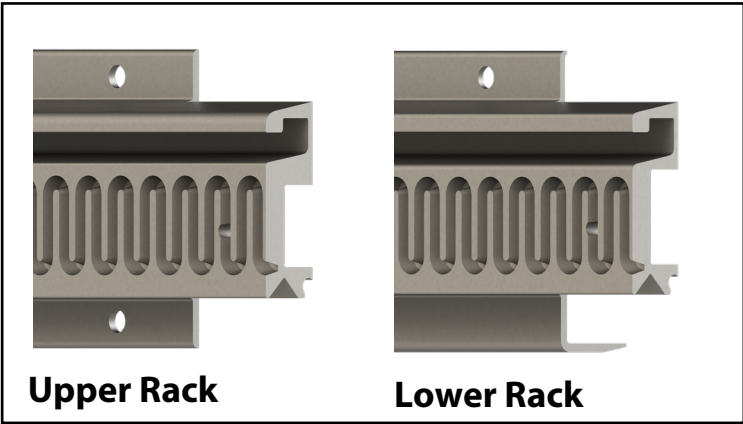


REPLACEMENT OF THE INVERTED GEAR RACK IN-WALL (SCHWINTEK) SLIDE-OUT SYSTEM

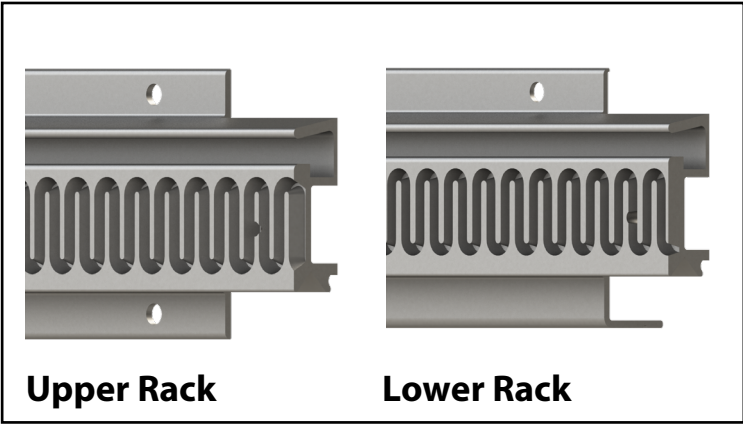
TSB Number:	146-001-2022D		
Product:	Inverted Gear Rack In-Wall Slide-Out System manufactured between October 2021 and January 2022		
Date:	Aug. 26, 2024	Labor Rate:	3.4 Hours Allowed (1.7 hours per side)

Identifying the Inverted Gear Rack In-Wall Slide-Out System

Inverted Gear Rack



Standard Gear Rack



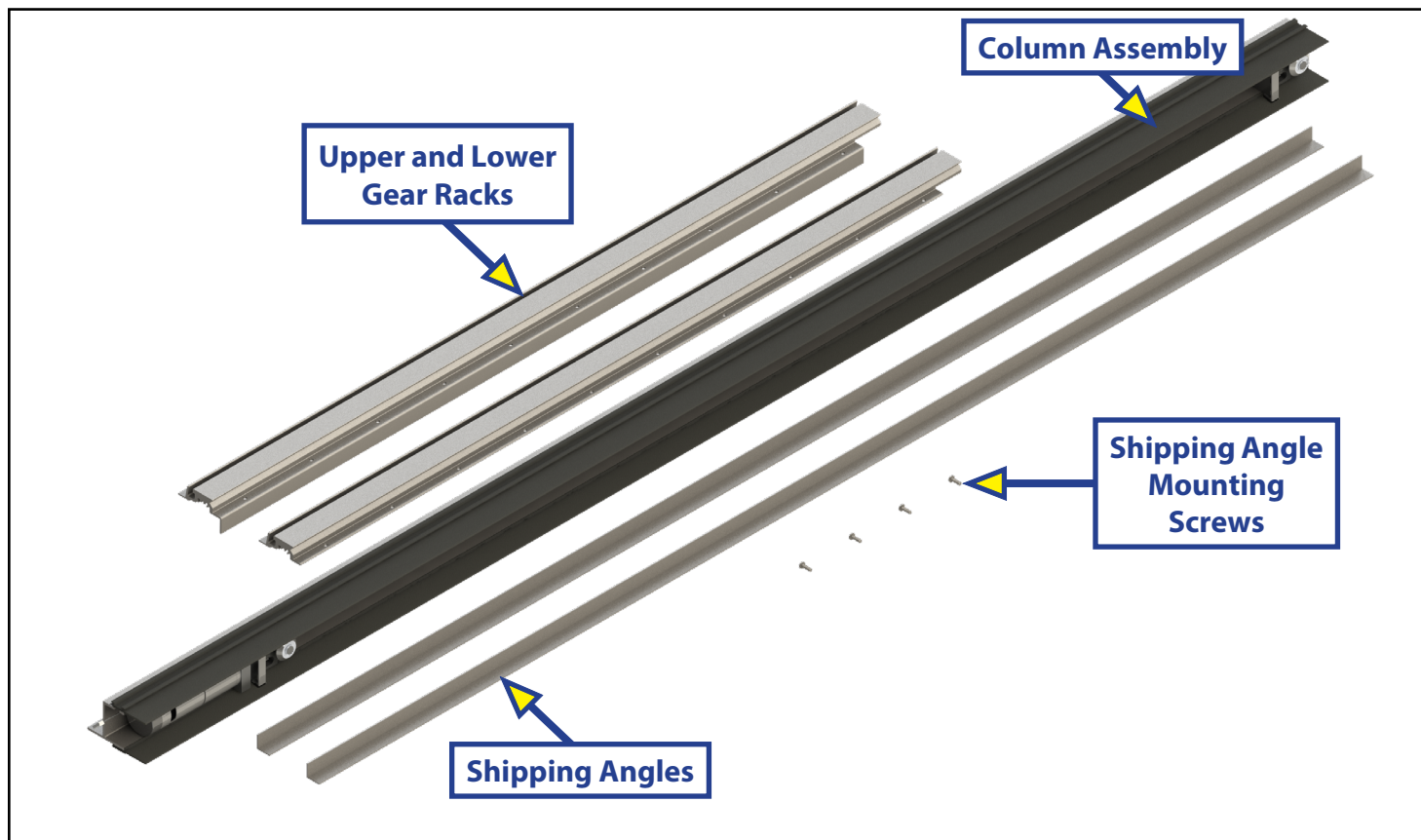
REPLACEMENT OF THE INVERTED GEAR RACK IN-WALL (SCHWINTEK) SLIDE-OUT SYSTEM

TSB Number:	146-001-2022D		
Product:	Inverted Gear Rack In-Wall Slide-Out System manufactured between October 2021 and January 2022		
Date:	Aug. 26, 2024	Labor Rate:	3.4 Hours Allowed (1.7 hours per side)

Kit will include:

Systems will be shipped partially disassembled in a box or tube.

NOTE: Fixed side shown, kit will include Float side assembly as well.



Instructions on Removal and Replacement

For instructions on removal and replacement of the In-Wall Slide-out System, please see TI-177 In-Wall Slide-out Troubleshooting and Component Replacement manual attached to this TSB. Not all sections of the attached document are applicable.

NOTE: The kit includes replacements for both the fixed and float sides of the system. It is important to replace BOTH sides and use ALL of the components.

Videos and documents on replacement of slide-out systems are available at:

- Video: <https://view.vzaar.com/18646533/player>
- Document: <https://lci-support-doc.s3.amazonaws.com/manuals/slideouts/ccd-0001770.pdf>

Order Parts

Contact Lippert Parts at (432) 547-7378 for ordering assistance.



REPLACEMENT OF THE INVERTED GEAR RACK IN-WALL (SCHWINTEK) SLIDE-OUT SYSTEM

TSB Number:	146-001-2022D		
Product:	Inverted Gear Rack In-Wall Slide-Out System manufactured between October 2021 and January 2022		
Date:	Aug. 26, 2024	Labor Rate:	3.4 Hours Allowed (1.7 hours per side)

Submission of Completed Form QR-085D

Upon completion of system replacement, please submit QR-085D In-Wall Slide-out Variance Measurement Form along with the proper documents for reimbursement from dealers, repair centers or OEMs, Lippert will be able to waive any advance contact to the Customer Care Center and process the claim with no delay.

[QR-085D In-Wall Slide Out Variance Measurement Form](#)