

## Genie 36179R / 20414R

# Genie Screw Drive Carriage Replacement Part Manual

Models 36179R, 20414R

## INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of the Genie Screw Drive Carriage replacement part. This component is designed for use with various Genie screw drive garage door openers manufactured before 2011. It is an original Genie manufactured part, ensuring compatibility and reliable performance with specified models.

**Compatible Models Include:** Excelerator pro99, cmd9900, Excelerator H8000, isd990, isd995, isd1000, quietlift 4560, Powermax 4060I, Pro Screw cm7600/cm8600, pro95, cm8600 x I/cm8600fn, h4000/H6000, medallion ims1000, isl950, isl950/B, isl980/B, isl980, is525, is525/B, is550, is550/B, is850, is900, is900/B, is920, directlift 2060I, directlift Plus 3060I, 1060/1560/2560/3560/3860, cm7500s, cm8500s, pro98s/pro88s/pro90s, g2500/G4050/G5000/g5050/g5500/G5700/G8000/gdr9000/GX9000, gxl9500cl/gxl9550cl/gxl9900cl/gxl1000cl, gxl9500/gxl9550/gxl10000, g4050cl/g5000cl/g5050cl/g5500cl/g5700cl/g8000cl/gx9000cl.

## SAFETY INFORMATION

- Always disconnect power to the garage door opener before performing any maintenance or installation.
- Wear appropriate safety gear, including gloves and eye protection.
- Ensure the garage door is in a fully open or fully closed position and secured before working on the opener mechanism.
- If you are unsure about any step, consult a qualified garage door technician.
- Keep hands and clothing clear of moving parts.

## PRODUCT OVERVIEW

The Genie Screw Drive Carriage is a critical component that connects the garage door to the screw drive mechanism, allowing the door to open and close smoothly. This replacement part is designed to restore proper function to your garage door opener.



Image of the black plastic Genie screw drive carriage with a metal arm and spring mechanism. The text 'PORTE PUERTA DOOR' and an arrow are visible, indicating the direction of door movement.

## INSTALLATION INSTRUCTIONS

Replacing the screw drive carriage typically involves a few steps. It is recommended to refer to your specific garage door opener model's manual for detailed instructions, as procedures may vary slightly.

1. **Disconnect Power:** Ensure the garage door opener is unplugged from the electrical outlet.
2. **Secure Door:** Manually open the garage door fully and secure it in place to prevent accidental closure.
3. **Access Carriage:** Depending on your model, you may need to partially disassemble the rail or access the carriage from underneath.
4. **Remove Old Carriage:** Locate the bolts or fasteners holding the old carriage in place. Carefully remove them and slide the old carriage off the screw drive. Note the orientation for correct installation of the new part.
5. **Install New Carriage:** Slide the new Genie Screw Drive Carriage (Models 36179R / 20414R) onto the screw drive in the correct orientation. Secure it with the original bolts or fasteners.
6. **Lubricate (Optional but Recommended):** While the rail is accessible, consider applying new grease to the screw drive for optimal performance and longevity.
7. **Reassemble and Test:** Reassemble any parts removed to access the carriage. Reconnect power to the garage door opener and test its operation. Ensure the door opens and closes smoothly and stops at the correct limits.

*Installation can typically be completed within 10-20 minutes for those familiar with basic mechanical tasks.*

## OPERATING THE GARAGE DOOR OPENER

Once the Genie Screw Drive Carriage is correctly installed, the garage door opener should function as intended. The carriage moves along the screw drive, pulling or pushing the garage door open or closed. Operate the door using your remote control, wall console, or external keypad.

## MAINTENANCE

Regular maintenance helps extend the life of your garage door opener and its components.

- **Lubrication:** Periodically inspect the screw drive and apply appropriate garage door opener grease as recommended by Genie. This reduces friction and wear on the carriage and screw.
- **Inspection:** Regularly check the carriage for any signs of wear, cracks, or damage. Also, inspect the screw drive and other moving parts for debris or misalignment.
- **Clean Limit Contacts:** If accessible, clean the stop limit contacts when performing maintenance to ensure accurate door positioning.

## TROUBLESHOOTING

If you experience issues after installing the new carriage, consider the following:

- **Loud Banging or Grinding Noise:** This could indicate improper installation, insufficient lubrication, or issues with other components like the coupler or worm gear. Ensure the carriage is seated correctly and the screw drive is adequately greased.
- **Door Not Moving Smoothly:** Check for obstructions in the track, ensure the carriage is not binding, and verify that the screw drive is clean and lubricated.
- **Door Stops or Reverses Unexpectedly:** This might be related to the limit switches or safety sensors, not directly the carriage. However, ensure the carriage is not interfering with these components.
- **Slipping Screw Drive:** If the carriage appears to be slipping, inspect the teeth or engagement points on the carriage and the screw drive for wear. Also, check the coupler that connects the screw drive sections.

*If problems persist, consult your garage door opener's main manual or contact a professional technician.*

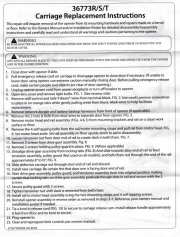


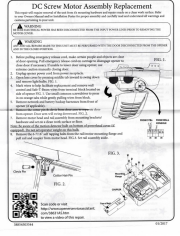

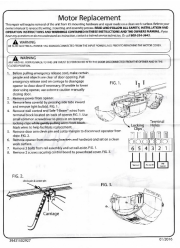
## SPECIFICATIONS

Feature	Detail
Recommended Uses	Replacement part for Genie screw drive garage door openers
Manufacturer Part Numbers	36179R, 20414R (also associated with 34107R)
Material	Alloy Steel, Aluminum, Zinc
Item Weight	3.2 ounces (0.09 Kilograms)
Package Dimensions	6.61 x 4.02 x 3.07 inches
Installation Type	Screw-In
Color	White (Carriage body is typically black, but product listing specifies white)
Exterior Finish	Silver
UPC	302706417077, 707785651662, 707785645128, 706177149381

## WARRANTY AND SUPPORT

For specific warranty information regarding your Genie Screw Drive Carriage, please refer to the documentation provided with your original purchase or contact Genie customer support directly. Support contact details can typically be found on the official Genie website or within your garage door opener's main instruction manual.

Related Documents - 36179R / 20414R

	<p><a href="#">Genie 36773R/S/T Garage Door Opener Carriage Replacement Guide</a></p> <p>Step-by-step instructions for replacing the carriage on a Genie 36773R/S/T garage door opener, suitable for 8-foot rail assemblies. This guide provides essential safety warnings and detailed procedures for performing the repair.</p>
	<p><a href="#">Genie AC Screw Drive Garage Door Opener Motor Replacement Guide</a></p> <p>Step-by-step instructions for replacing the AC screw drive motor on a Genie garage door opener, including safety warnings and detailed procedures for disassembly and reassembly.</p>
	<p><a href="#">Genie 4560 DC Powered Screw Drive Opener: Operation and Maintenance Manual</a></p> <p>Comprehensive guide for the Genie 4560 DC Powered Screw Drive Opener, covering installation, safety features, operation, maintenance, troubleshooting, and parts. Learn how to safely install and maintain your Genie garage door opener.</p>
	<p><a href="#">Genie DC Screw Motor Assembly Replacement Guide</a></p> <p>Comprehensive guide for replacing the DC Screw Motor Assembly on Genie garage door openers. Includes step-by-step instructions, safety warnings, and detailed textual descriptions of diagrams. Features model number 38631A.S.</p>
	<p><a href="#">Genie Garage Door Opener Chain or Belt Replacement Guide</a></p> <p>Detailed instructions for replacing the chain or belt on a Genie garage door opener, including safety precautions, removal steps, and installation procedures.</p>
	<p><a href="#">Genie Garage Door Opener Motor Replacement Guide</a></p> <p>Step-by-step instructions for replacing the motor in a Genie garage door opener, including safety precautions and detailed diagram descriptions.</p>