

<b>Subject</b>	Replacing Plunger Style Door Switch With A Magnetic Door Sensor						<b>Number</b>	M920026
							<b>Date</b>	3/3/2026
							<b>Model</b>	GD Lineage M-Series and F-Series
							<b>Build Date</b>	5/30/2024-12/10/2025
<b>Circulate To:</b>	Service Manager	x	Parts Manager	x	Technician	x		
	Warranty Admin	x	Sales Manager	x	Part Number (s)		562467	
<b>Concern:</b>	At times, entrance steps will not come in, or will go out on their own.							
<b>Remedy:</b>	Replace plunger style door switch with a magnetic door switch.							
<b>Flat Rate:</b>	M920026- .80 Hrs.							

Step 1- Turn steps off to avoid operation during repair.



**Old Style Plunger Switch**



**New Style Magnetic Sensor- Part # 591542**



**Step 2- Remove Interior Grab Handle.**



**Step 3- Remove Screen Door Screw Cover and Screen Door Screws.**



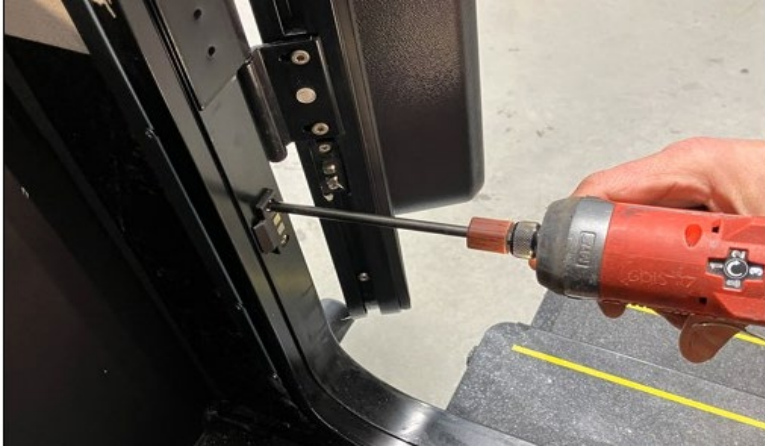
**Step 4- Remove Screen Door**



**Step 5- Pull Entry Door Bulb Seal At Bottom To Access Step Sensor.**



**Step 6- Remove Screws From Current Step Sensor and Pull Sensor Out To Access Wires.**



**Step 7- Loosen Wire Connections With Flathead Screwdriver**



**Step 8- After Pulling Wires Out, Re-secure Bracket Without Wires.**



**Step 9- Placement For Magnetic Sensor. (Drill Pilot Holes to Avoid Damage)**



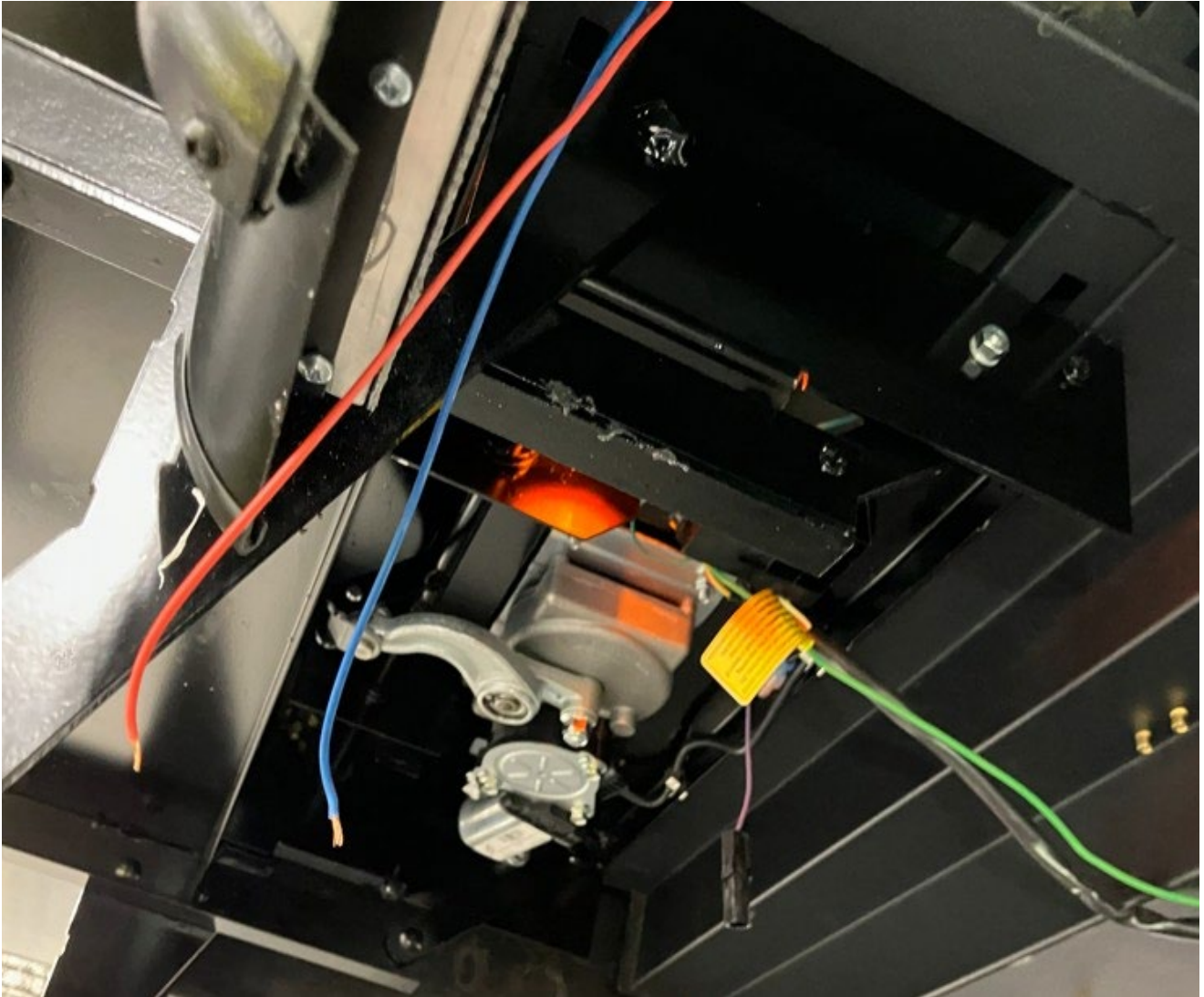
**Step 10- Drill .25" Pilot Hole Below Magnetic Sensor.**



Step 11- Put Magnetic Sensor Wires Through Pilot Hole and Pull Wires Through.



**Step 12- Pull Old Wires Out Of Black Wire Sleeve.**



**Step 13- Twist New Wires Together and Put Through Sleeve. ( May Have to Cut Sleeve Shorter)**



**Photo of New Wires Under the Step**



**Step 14- Placement Of Sensor On The Door**



**Step 15- Insert Screw At An Angle To Hold Sensor In Place. (You Can Also Super Glue)**



**Step 16- Wires Through Door Frame, Caulk Around To Avoid Sharp Edges**



**Step 17- Hookup Wires With Heat Shrink Connectors**



**Step 18- Turn Steps On and Check Functionality**



