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RGC Magnetic Over Run Instructions

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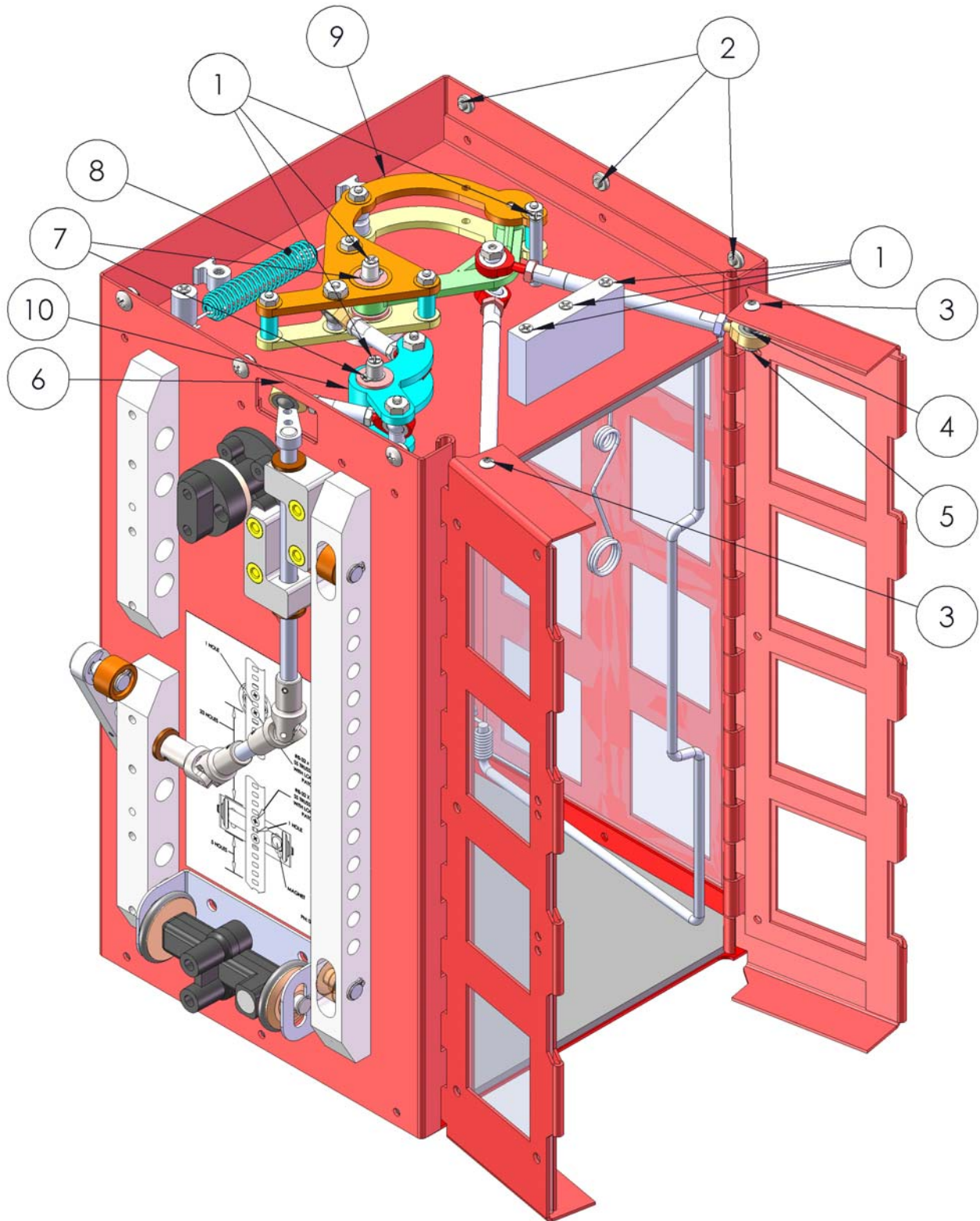
Bill of Materials

PART NUMBER	DESCRIPTION	QUANTITY
00900251	RGC MAGNETIC OVER RUN MANUAL	1
04327192	RGC MAGNETIC OVER RUN ASSEMBLY	1
04348011	5-40 NYLON LOCKING NUT	2
04348101	5-40 X 1/2 PHILLIP FLAT MS	1
04348151	5-40 X 3/4 SOCKET BUTTON SCREW	2
04355011	6 X 8 X M3 UNTHREADED SPACER	2
95005072	1/4 RETAINING RING	2
92042723	6-32 X 1/4 PHILLIP TRUSS MS SS	6
91062129	4-40 X 3/8 PHILLIP FLAT MS SS	6

Installation Instructions

1. Send the car to the outside (customer) position.
 - a. This entire installation procedure may be easier if the car is removed from the machine. This is accomplished by removing the outside speaker plate, and releasing the brake while feeding the tape out of the machine.
2. Remove the six # 4-40 x 3/8" Flat Head Machine Screws located on the very top of the car. #1 on page 3.
 - a. A #1 Phillips bit works best.
3. Remove the six # 6-32 x 1/4" Truss Head Machine Screws located on the top sides of the car. #2 on page 3.
 - a. A #2 Phillips bit works best.
4. Remove the GC End Cover.
5. Remove the GC Door Close Spring. #8 on page 3.
6. Remove the 1/4" Retaining Ring holding the old Magnetic Over Run Assembly and Bellcrank using retaining ring pliers. #7 on page 3.
7. Remove the # 5-40 x 3/4" Button Socket Head Machine Screw, 5-40 Nut, and Spacer that connect the Left and Right Pushrod Assemblies to the doors. #3, #4, #5 on page 3.
8. Remove the 5-40 x 1/2 phillips flat screw that connects the master pushrod to the drive assembly. #6 on page 3.
9. Raise up on the Magnetic Over Run Assembly and Bellcrank and remove. #9 & #10 on page 3.
10. Install the new Magnetic Over Run Assembly and Bellcrank by reversing steps 5 – 8 using the hardware provided.
11. The RGC doors must then be inspected to ensure they operate properly. If necessary, adjust the door action following the procedure on page 5.
12. Reinstall the RGC End Cover using the hardware provided in the kit.

Reverse G Car Magnetic Over Run Diagram



Parts Description

NUMBER	PART #	DESCRIPTION
1	91062129	4-40 X 3/8 PHILLIP FLAT MS SS
2	92042723	6-32 X 1/4 PHILLIP TRUSS MS SS
3	04348151	5-40 X 3/4 SOCKET BUTTON SCREW
4	04355011	6 X 3 X M3 UNTHREADED SPACER
5	05348011	5-40 NYLON LOCKING NUT
6	04348101	5-40 X 1/2 PHILLIP FLAT MS
7	95005072	1/4 RETAINING RING
8	04317021	GC DOOR CLOSE SPRING
9	04327192	RGC MAGNETIC OVER RUN ASSEMBLY
10	04377011	BELLCRANK

Door Adjustment Procedure

Refer to the Diagram on Page 6

1. Car must be off black plastic stabilizers.
2. Remove door close spring. #8 on page 3
3. Loosen BOTH nuts on each of the left and right door pushrods and the master pushrod A.
4. Adjust the master pushrod A until there is a slight movement of the input arm when the door is closed.
5. Tighten BOTH nuts on the master pushrod.
6. Insert 1/8" pin into home position holes. Pin must go thru both arms into the top sheet metal piece of the car.

NOTE

The Turnbuckles have LEFT hand threads on one end.

7. Rotate door turn buckles to lengthen or shorten the door arms.
8. Adjust Left and Right door arms until doors just close.
9. Tighten BOTH jam nuts on the Left and Right door pushrods.
10. Remove home position pin.
11. Reconnect the door close spring.
12. Test the car for proper operation.

Door Adjustment Diagram

