



INSTRUCTION TO SERVICE

ITS: 58663

SECTION:	580 Wheelchair Ramp
WRITTEN BY:	James Ashdown
SUBJECT:	Kneeling Buzzer Replacement

ITS58663

THIS ITS DOCUMENT SHOULD BE RETAINED AND REFERED TO FOR FUTURE MAINTENANCE UNTIL THE NEW FLYER PARTS AND/OR SERVICE MANUAL IS UPDATED TO REFLECT WORK DONE AS A RESULT OF THIS DOCUMENT. ENSURE THAT THIS DOCUMENT IS AVAILABLE FOR PARTS AND MAINTENANCE STAFF GOING FORWARD.

THIS DOCUMENT AND THE CONTENTS DISCUSSED HEREIN ARE THE CONFIDENTIAL AND PROPRIETARY INFORMATION OF NEW FLYER INDUSTRIES CANADA ULC AND NEW FLYER OF AMERICA INC. AND ARE DISCLOSED BY NEW FLYER IN CONFIDENCE. THIS DOCUMENT AND THE CONTENTS HEREIN ARE NOT TO BE DISCLOSED BY THE INTENDED RECIPIENT WITHOUT THE PRIOR WRITTEN AUTHORIZATION OF NEW FLYER. ANY UNAUTHOIZED DISCLOSURE, REPRODUCTION OR OTHER DISTRIBUTION OF THIS DOCUMENT OR INFORMATION IS STRICTLY PROHIBITED AND MAY RESULT IN ACTION BEING TAKEN AGAINST THE PARTY MAKING THE UNAUTHORIZED DISCLOSURE. THIS DOCUMENT AND ALL COPIES HEREOF MUST BE RETURNED TO NEW FLYER UPON REQUEST.



PROBLEM DESCRIPTION: Kneeling buzzers are failing prematurely due to salt/water intrusion.

SOLUTION: Replace existing kneeling buzzer with new IP68 rated kneeling buzzer P/N 795862.

PROCEDURE:

1. Turn the battery disconnect switch to the "OFF" position.
2. If required, lift bus in accordance with the applicable section of the New Flyer Service Manual.
3. Move below the bus and locate the Kneeling Buzzer below the CS section of the front mask. Remove the black plastic knurled nut. Refer to Figure 1.

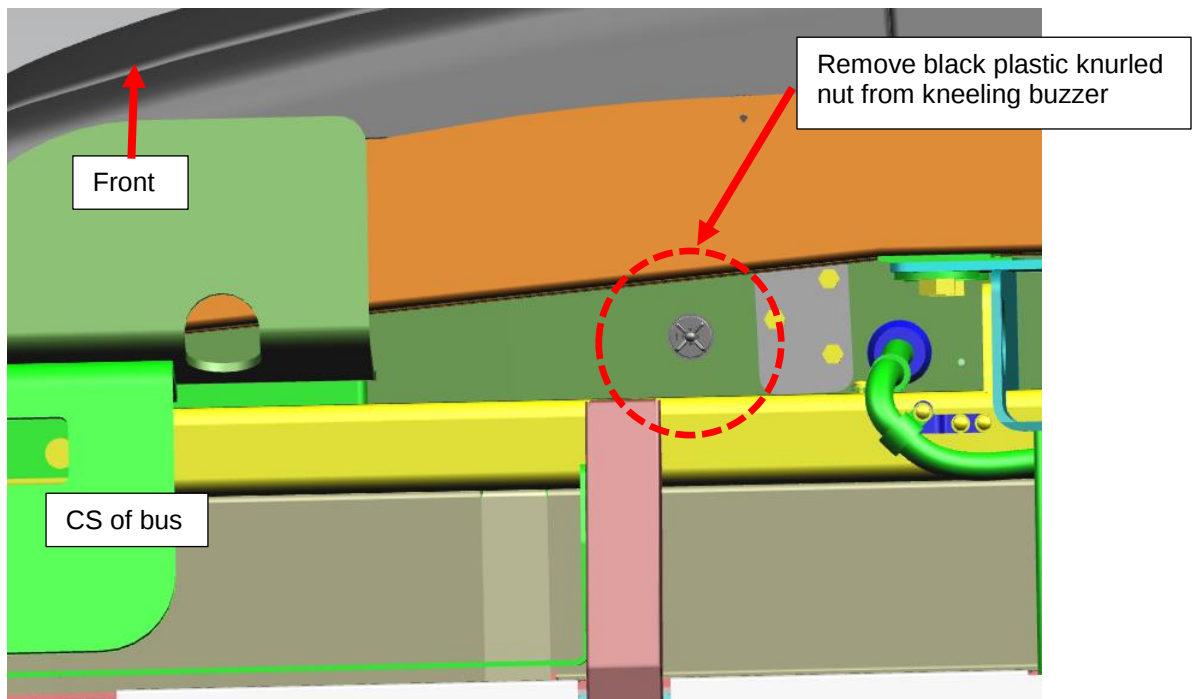


Figure 1 – View below the CS section of the front mask – Remove kneeling buzzer nut

4. Proceed to the front exterior of the bus and open the Defroster Door. Locate the Kneeling Buzzer inside the defroster compartment, near the CS headlamp. Refer to Figure 2.

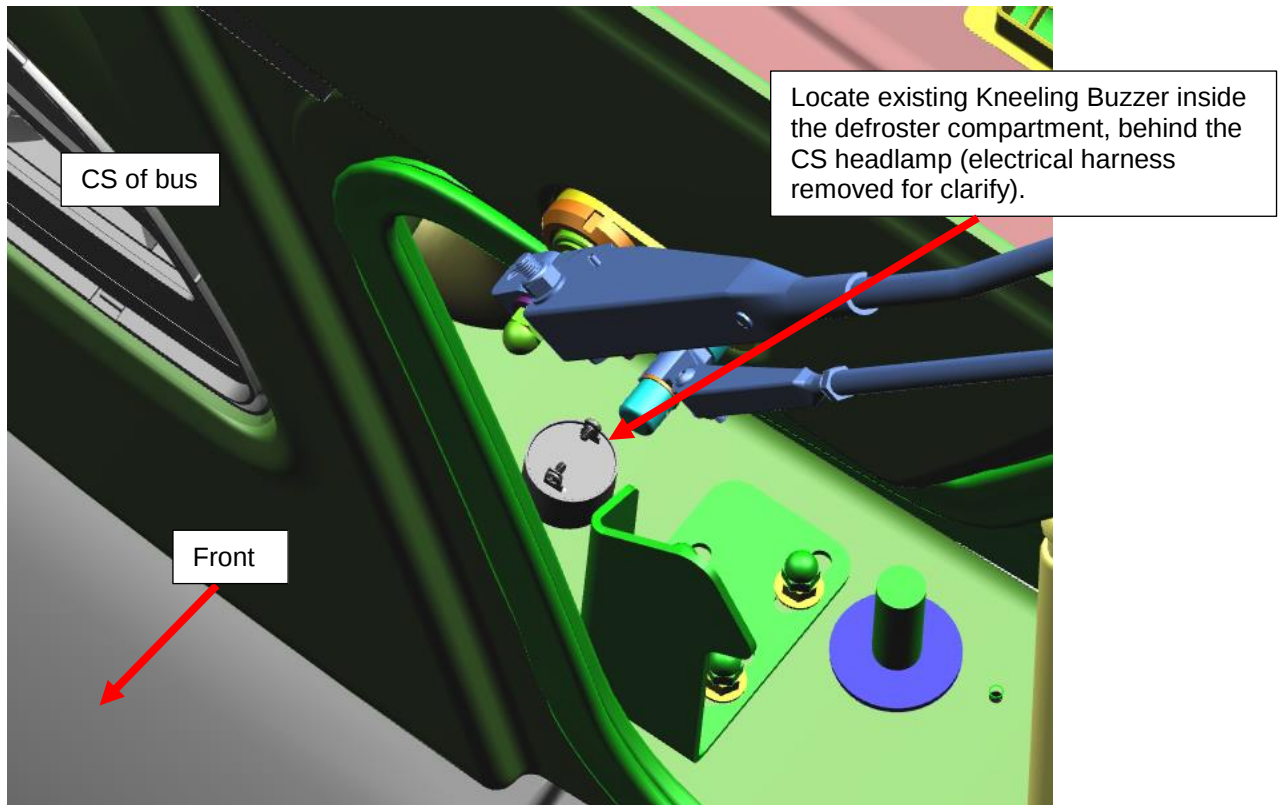


Figure 2 – Gain access to defroster compartment and remove existing kneeling buzzer

5. Remove both screws and disconnect the electrical harness from the Kneeling Buzzer terminals.
6. Gently pull Kneeling Buzzer upwards out of the front mask and remove from the bus.
7. Gently clean remaining Sika from hole in the front mask.
8. Remove knurled nut from new Kneeling Buzzer (P/N 795862) and install threaded front in existing hole in the front mask. Refer to Figure 3.

Note: Apply a light bead of Sika 221 Black (P/N 055700) on the mating face of buzzer before installing.

9. Reconnect the electrical harness to the brass terminals on new Kneeling Buzzer (P/N 795862) by hand tightening screws. Following this, add NYK-77 Lubricant (P/N 811767) to the electrical connections. Refer to Figure 3.

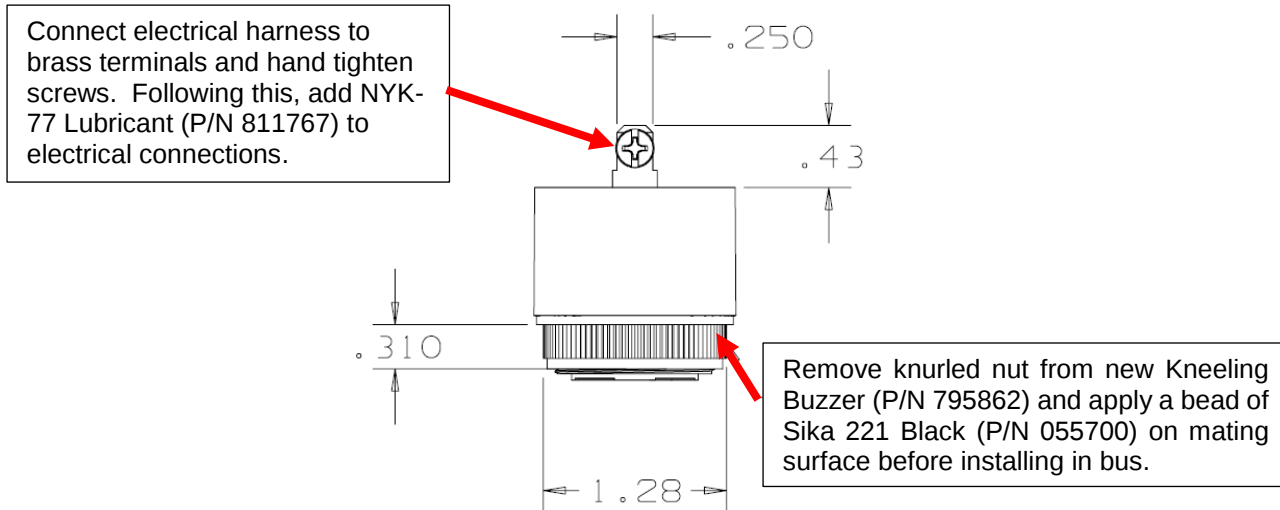


Figure 3 – New Kneeling Buzzer (P/N 795862)

10. Close and secure the Defroster Door.
11. Proceed back under the bus, below the CS section of the front mask.
12. Reinstall knurled nut on Kneeling Buzzer (P/N 795862) and hand tighten.

Note: Do not overtighten knurled nut.

13. If required, lower bus in accordance with the applicable section of the New Flyer Service Manual.
14. Remove all tools and debris and return the bus to service condition.
15. Turn the main battery disconnect switch to the "ON" position.
16. Perform a functional test of the new kneeling buzzer.



LABOUR ESTIMATE

	Operation	Men	Hours	Labor Time M X HR
1	Install IP68 rated kneeling buzzer P/N 795862	1	0.5	0.5

PARTS REQUIRED

Item	Part Number	Description	Qty. per Coach	Units	Notes
1	795862	BEEPER-MEDIUM LOUD FAST BEEP	1	EA	
2	8111767	ANTI-CORROSION COMPOUND NYK-77	.010	EA	
3	055700	ADHESIVE SIKA 221 BLACK	.010	EA	