



## INSTRUCTION TO SERVICE

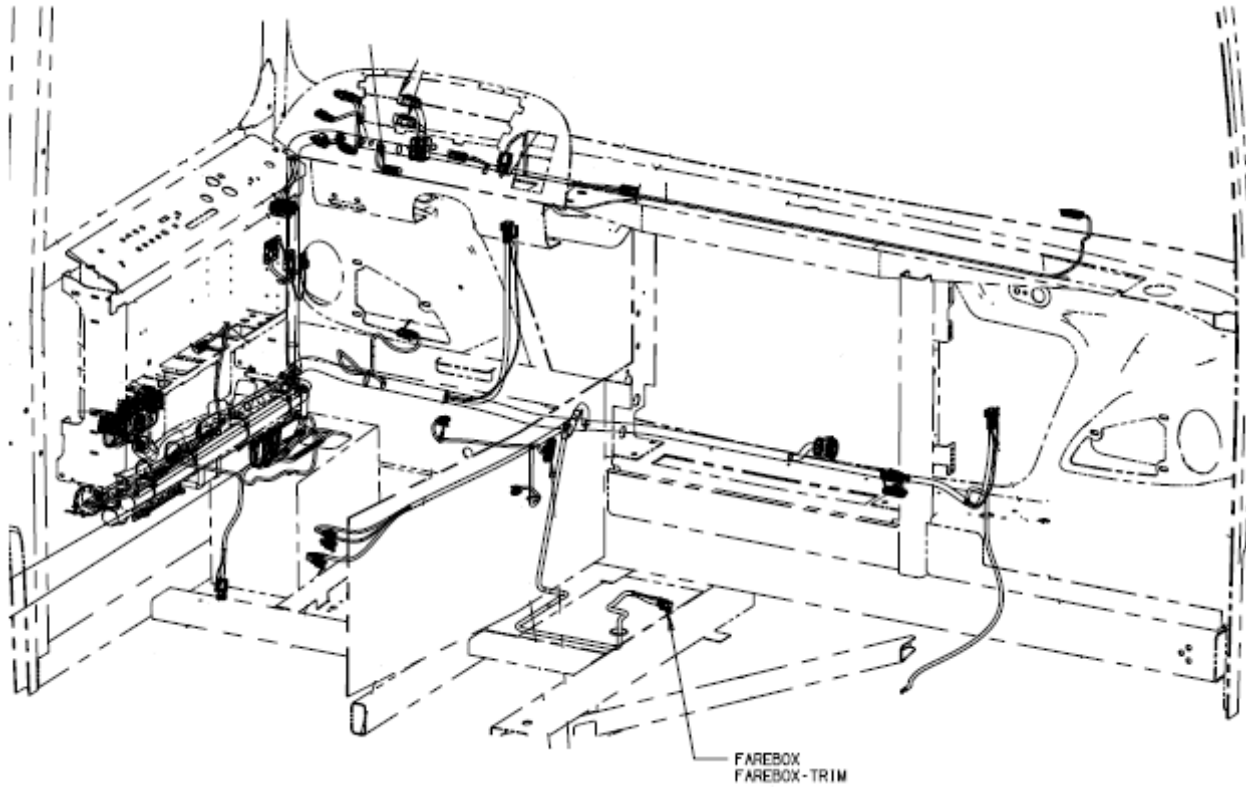
<b>ITS: 58502</b>	
<b>SECTION:</b>	292 ELECTRICAL HARNESSSES
<b>WRITTEN BY:</b>	Curtis Matthews
<b>SUBJECT:</b>	Rework Farebox Connector

# ITS58502

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.

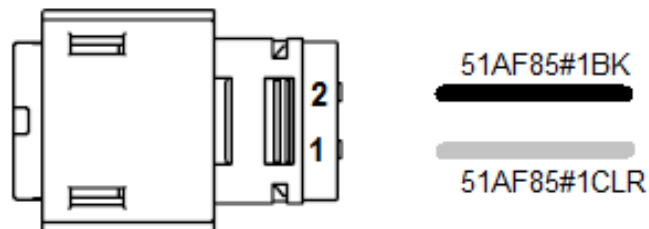
**PROCEDURE:**

1. Turn the main battery disconnect switch to the “OFF” position.
2. Locate existing branch “FAREBOX”. See figure 1.



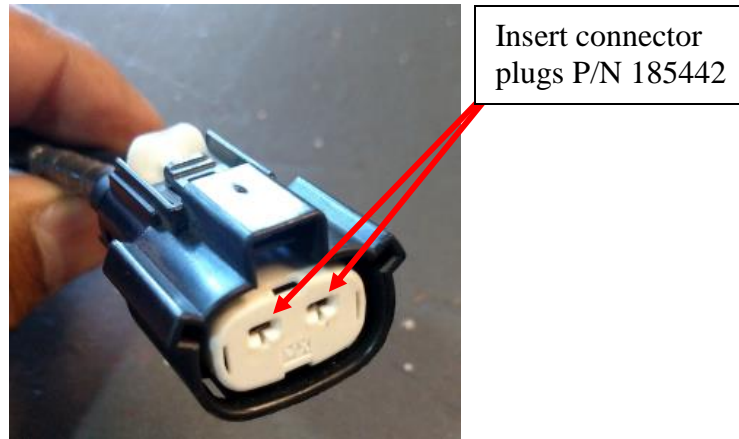
**Figure 1: Farebox harness location**

3. Carefully cut off and re-terminate the wires with supplied terminals T173, P/N 185444.
4. Insert wires from step 3 to provided connector P/N 185441. See figure 2.
  - a. Clear wire, 51AF85#1CLR, to cavity 1.
  - b. Black WIRE, 51AF85#1BK, TO CAVITY 2.



**Figure 2: Farebox connector cavity and wire arrangement**

5. Ensure replaced connector is end-capped with C129, P/N 185442. See figure 3.



**Figure 3: Front face of Farebox connector**

6. Remove all tools and debris and return the bus to service condition.
7. Turn the main battery disconnect switch to the “ON” position.



**NEW FLYER**

### LABOUR ESTIMATE

	Operation	Men	Hours	Labour Time M X HR
1	Rework Farebox Connector.	1	0.5	0.5

### PARTS REQUIRED

Item	Part Number	Description	Qty. per Coach	Units	Notes
1	185441	CONN-2CCT TWR 19432	1	EA	
2	185444	SOCKET-10-12 AWG MOLEX 150L	2	EA	
3	185442	CONN-2CKT MOLEX 150L PLG	1	EA	