

6-30126 Pennsylvania Flyer 0-8-0 Whistle Tender Fix



Problem; Air whistle does not sound when the whistle button is pressed on the transformer and/or the whistle is barely audible.

Solution: Remove R3 resistor from the air whistle PCB assembly.

Required tools: *Phillips Head Screwdriver, Soldering Iron, Small Wire Cutters*

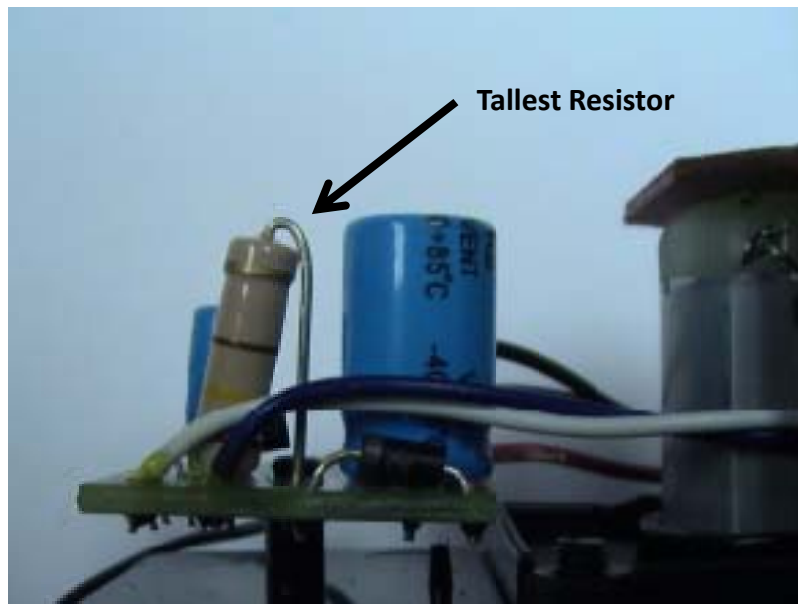
Instructions for implementing solution

1.) Begin by removing the 4 Phillips head screws in the four corners of the tender deck (floor).



2.) Remove the shell from the tender deck. Save the screws you removed (they will be needed for reassembly!).

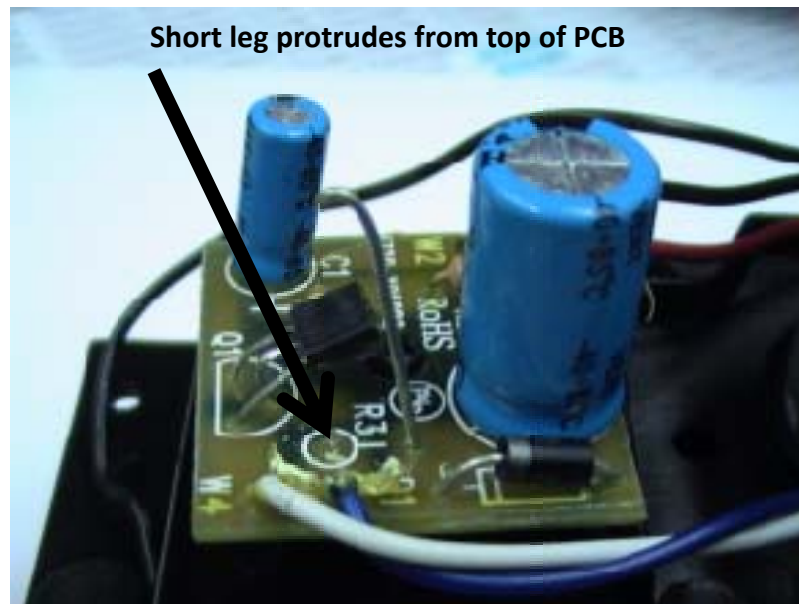
3.) Once the shell is removed locate the largest of the 3 resistors. The reference on the PCB is R3 (but looks like R31).



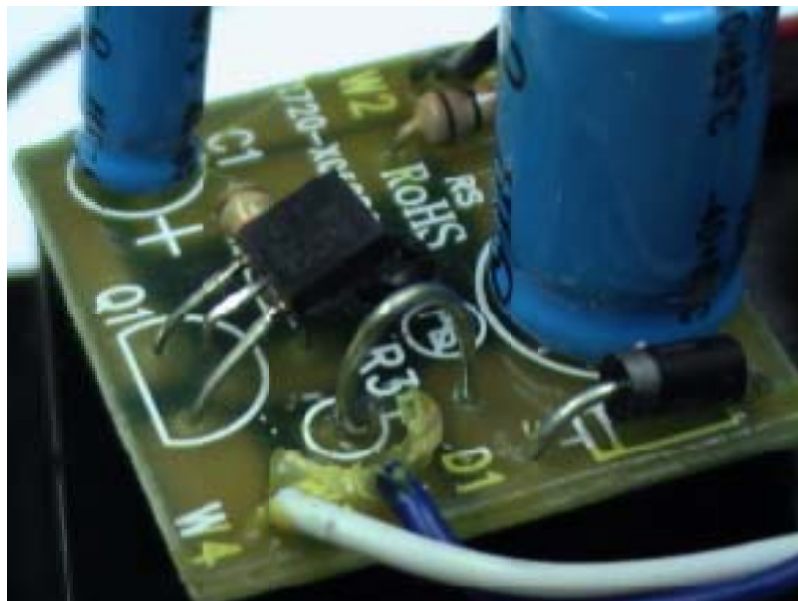
4.) Using a pair of small wire cutters cut the leg off the top of the resistor. (this leg will be used, So do not cut it off the PCB where it is soldered). The photo below illustrates how it looks when cut.



5.) Using small wire cutters cut the resistor at the bottom of its body, where it is soldered to the PCB. The PCB should look like the photo below at this point.



6.) Bend the long resistor leg over and solder the end to the short leg soldered at the base of the resistor. It may be necessary to scrape some of the adhesive away from the solder point, just don't break the wires off doing so! The photo below illustrates the finished repair.



7.) Test the air whistle function now. If the whistle does not sound then the solder connection is not good and must be reheated. Once the test confirms the functionality of the whistle place the shell on the tender deck and reinstall the 4 Phillips head screws you removed in step 1.