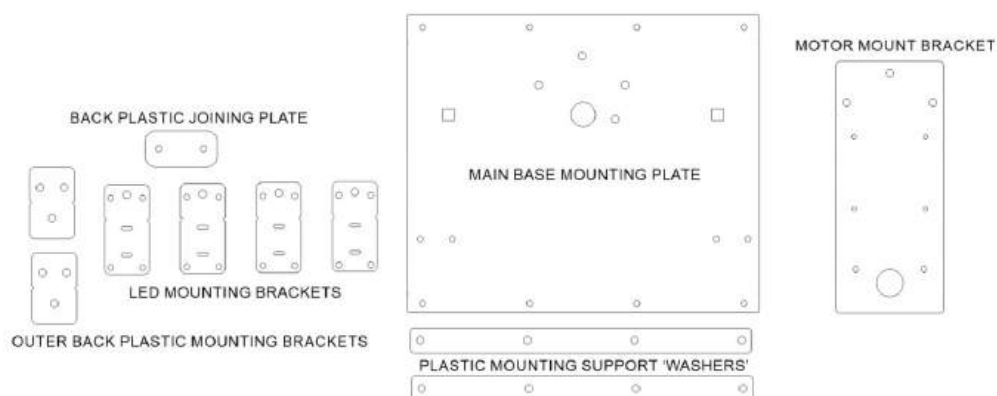


Blues Brothers Pinball

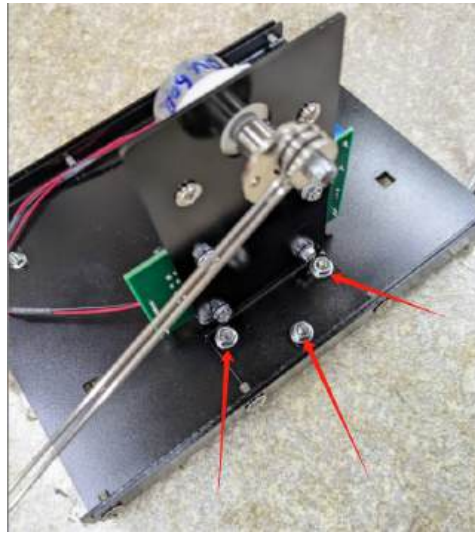
Assemble & Install Animated Topper

The Blues Brothers topper is designed to pack into a reasonably small package to make postage easier and cheaper. This results in “some assembly required”. Please read these notes carefully to avoid breaking some of the acrylic pieces.



Identify all parts before commencing assembly

(1) Bolt the motor bracket to the main baseplate with three 4mm nuts & bolts as shown in the picture below.



(2) Take each plastic backing “Tonight Only” piece with the swinging brother attached, one piece at a time, and thread the pushrod “Z” end carefully through the small hole in the character. The rod goes in from the back of the plastic piece. DO NOT force anything and don’t attempt to bend the plastic at all.

The rod will thread through with some care. (NOTE: both pushrods are the same length so either one can go to either side).

There is no need to remove the swinging ‘Brother’ from the pivot point, simply swing the brother so access to the small hole is available away from the main body of the plastic.



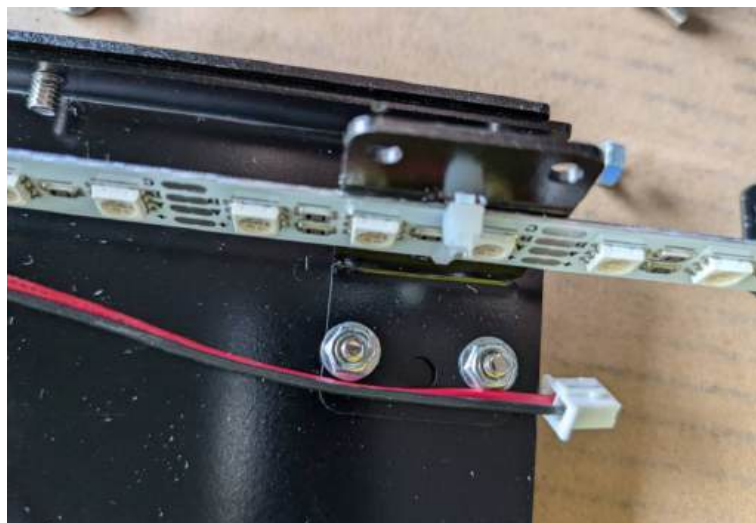
(3) Doing the sides one at a time, after threading the pushrod into the moving piece, bolt the plastic to the main baseplate using 4mm screws and the addition of the long metal support 'washer' plate on the outside of the plastic. The plastic is screwed in place sandwiched between the baseplate and the metal 'washer' plate.



(4) Once both plastics are screwed in place bolt the 'joining plate' to them to give support to the middle joining position. (shown circled in the picture above).

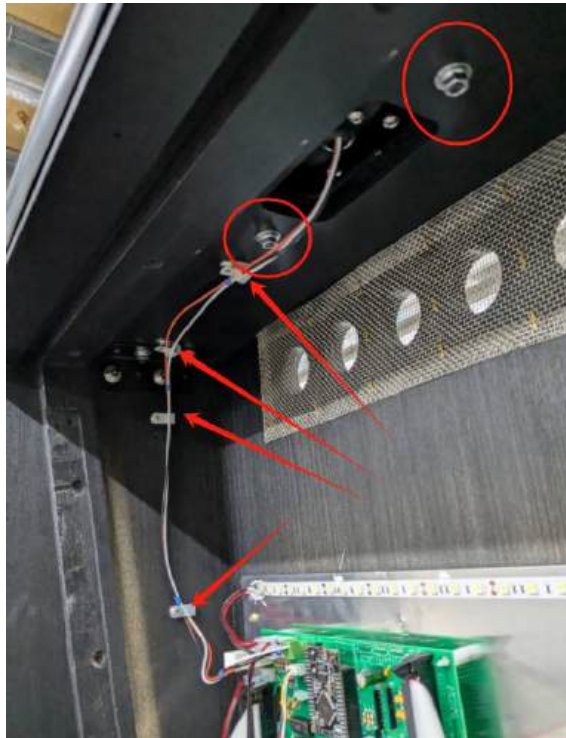
(5) Don't screw the front plastic (The Bluesmobile) onto the frame just yet, in fact it can be left until after the entire assembly is fitted to the backbox of the pinball machine.

(6) Bolt the LED strip in place with the 3mm bolts included. Ensure it is held firmly in place and tighten or replace the cable ties if required.

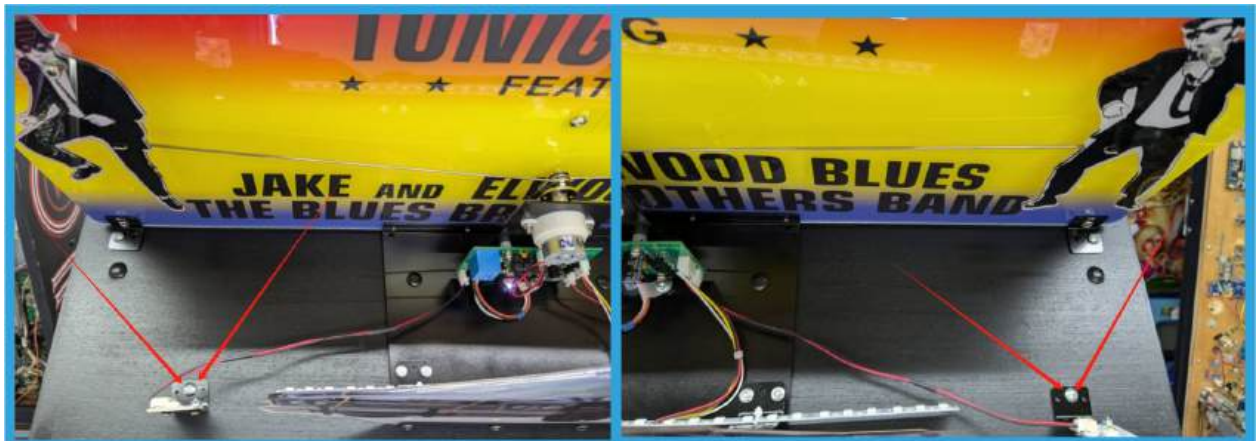


(7) Plug the LED strip and the left and right spotlights into the circuit board to the respective sockets on the PCB as marked.

(8) Bolt the entire topper assembly to the backbox of the pinball machine in place of the blanking plate using the same coach bolts that held the plate in place. Dress the wiring from the topper with cable clips so it is held away from the translight LED as shown.



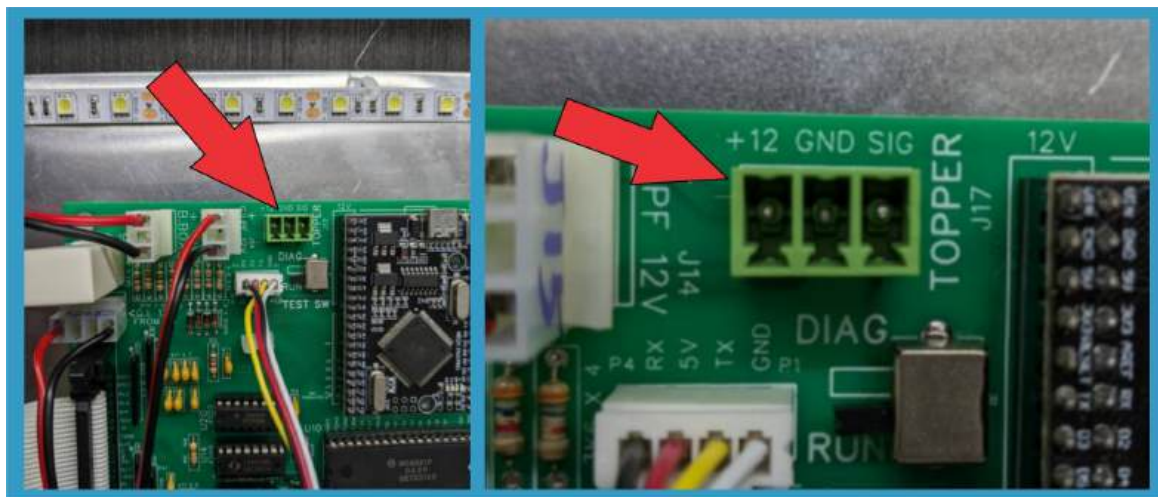
(9) Screw the two spotlights into the top box using the wood screws provided. Position them so they face the moving brother.



(10) Screw the two outer plastic support brackets into place as shown.



(11) Plug the topper into J17 of the main MPU board.



(12) Screw the “Bluesmobile” onto the front of the main bracket using four, 4mm screws. Make sure to use the metal plate on the outside of the plastic part.

NOTE: There is a “TEST” switch on the small circuit board that runs the topper. A short ‘flick’ of this switch will select one mode while a longer ‘hold’ (>1 second) selects the second topper mode.

“The Blues Brothers” and the “Bluesmobile” used under licence to Blues Brothers Approved Ventures LLC and are © Homepin Taiwan Co Ltd.

These instructions are Rev 1.2 Dec 2024

END