



CONGO

Topper Mod

www.pinballtoppers.com

Installation, Usage and Maintenance Guide

October 2013

WARNING

Read this document before installing or using Congo “Topper Mod” by Pinballtoppers

Improper installation, improper use, may cause damage to both machine and topper. This document and other information from Congo “Topper Mod” by Pinballtoppers are to provide product installation guidelines and product usage options. It is the obligation of each user of Congo “Topper Mod” by Pinballtoppers to carefully read and understand this document and all other documentation, instructions and manuals supplied with Congo “Topper Mod” by Pinballtoppers and to determine the correct and safe methods of installation, operations and maintenance of Congo “Topper Mod” by Pinballtoppers, and the correct and safe conditions of use. In no event may Congo “Topper Mod” by Pinballtoppers be held responsible for improper installation, operation and maintenance practices of users.

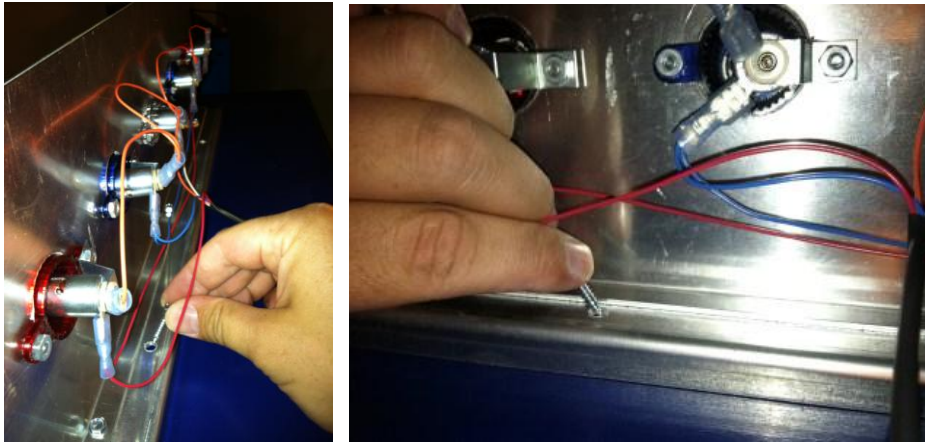
User’s use of Congo “Topper Mod” by Pinballtoppers is at their sole risk. If problems occur please contact admin@pinballtoppers.com and we will do everything possible to resolve any issues that you may occur that are not a result of user’s negligence.

KIT CONTENTS: Congo Topper sign with flashers fully assembled. 1 Wire harness with connectors, and 2 screws to secure the topper down. This would be everything needed for an install.

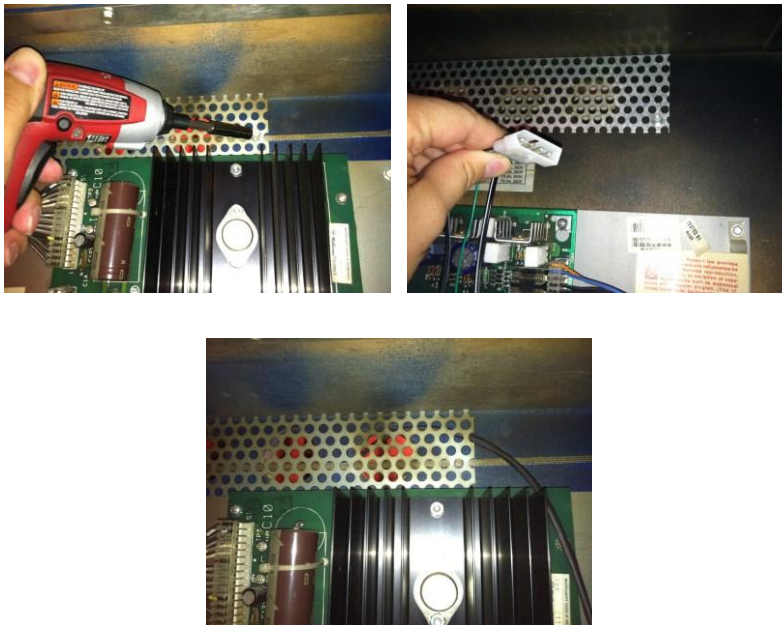


Installation

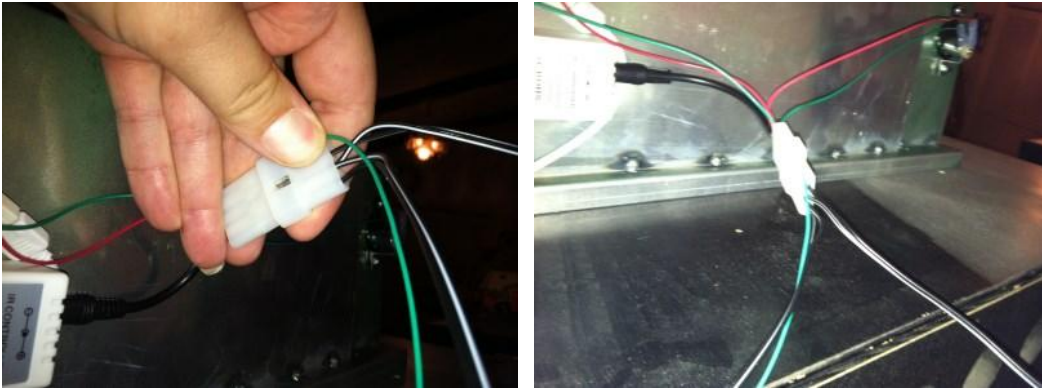
1. Place topper into desired position and secure using the 2 hex screws supplied. There are 2 anchor holes on the backside base.



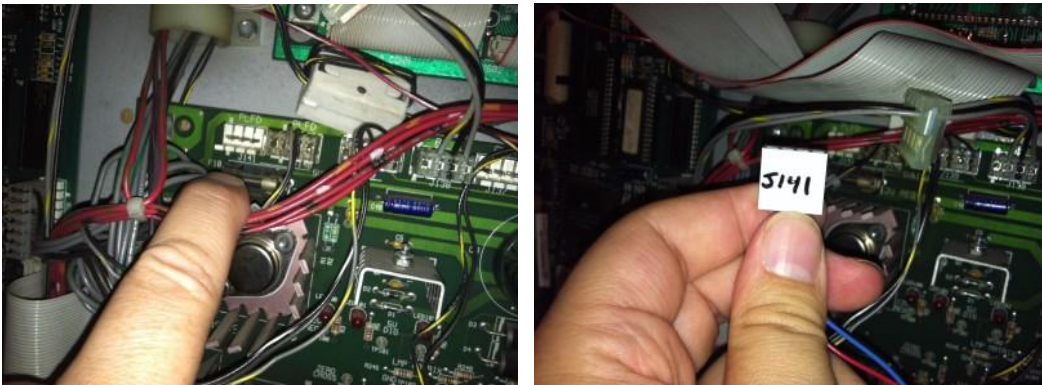
2. Open the back box and locate the hex screws holding the security screen in place at the upper top. Loosen the hex screws to allow you to run the single 4 pin connector end of the cable harness under the screen and out the back of the head.



3. Plug the harness that you pushed through the head rear vent into the topper.



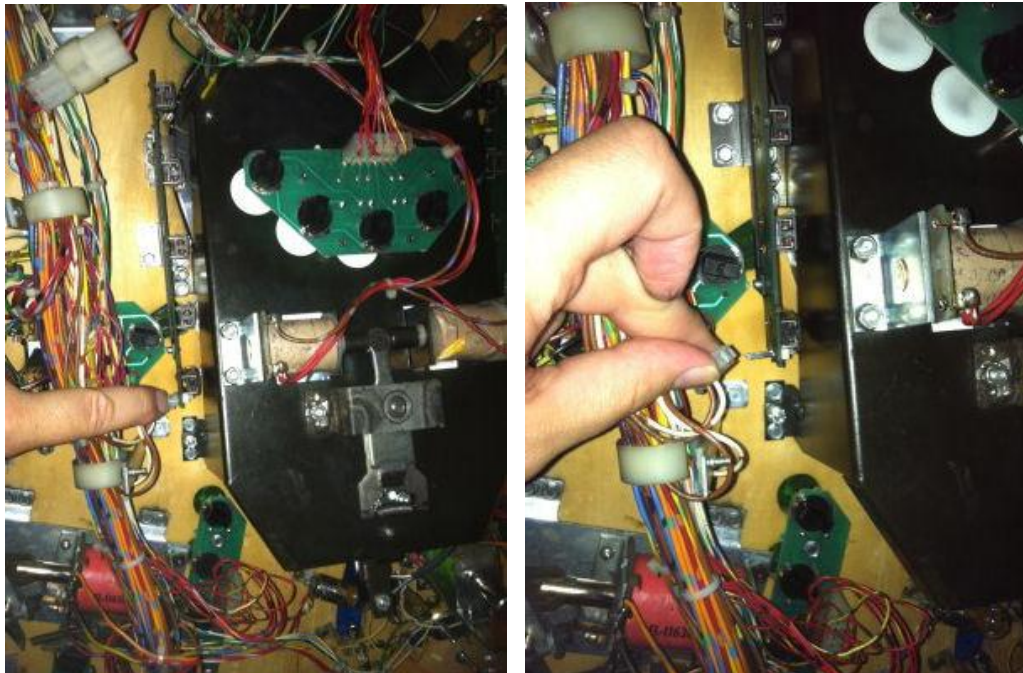
4. Next locate the J141 on your power board. It should be unused. Locate J141 plug on your harness and plug it into the power board. Make sure the red cable is to the left side of the blue cable. Red=12v Blu=Ground



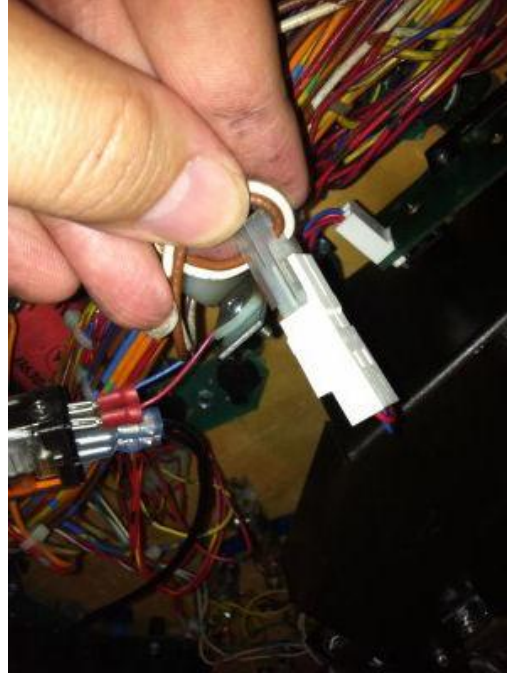
5. Feed the remaining portion of the cable harness down through the back box head. Lift the playfield and pull the cable under and towards the front of the cabinet to prepare for connecting them.



6. Locate the lower playfield area. It should be the black rectangular shaped area in the center of the underside of the playfield. On the lower left side is a 2 pin plug attached to the lamp board. unplug that cable and plug in the relay at the end of the wiring harness. See next page for that part.



7. Attach the relay switch at the end of the harness and then re-attach the 2 pin cable that you originally pulled into the spare pigtail provided on the harness. Orientation isn't crucial but use the pictures to help get the connectors on as correctly as possible. It's just a pass-through connection.



8. Last step is to hook up the flasher alligator clip. Locate the flasher that is on the left side of the under play field about halfway down. Use the photo to help you locate it. Clip the alligator clip onto the BLACK/YELLOW ground wire.



Close up the machine and proceed to the Final Setup

Final Setup

When you turn the machine on the topper sign WILL light up and stay lit up as long as the game is in attract mode or whenever the lower playfield lights are on such as test modes. You can use this time to set the color of choice through the remote control. When you start a game, the topper will go into its normal operating mode and will no longer be lit.

Usage During Gameplay

Congo “Topper Mod” by Pinball Toppers is self activated and requires no direct interaction from the user during game play. To activate the topper after installation and final setup you simply need to play your Congo pinball machine and by ascending into battle Grey mode the gorilla portion of the topper will activate. Also, the flashers will activate through various moments of the game. The topper will self activate and run accordingly.

Maintenance

Bulb Replacement –89 style LED’s only designed for pinball use only. Any other type bulb will not function correctly. Bulbs consist of 2 Green LEDs.



DO NOT USE BULBS FROM YOUR LOCAL AUTOMOTIVE OR RETAIL OUTLET!!!

These bulbs run at a much higher wattage and may cause serious damage!

Problems with the Topper?

If you have any problems then please email me and I will do everything possible to resolve any issue you are having. admin@pinballtoppers.com

Conclusion

Thank you for your interest in the Congo "Topper Mod" by Pinballtoppers. If you have any questions you can email us at admin@pinballtoppers.com

Please visit our site at www.pinballtoppers.com for further information and other toppers available.