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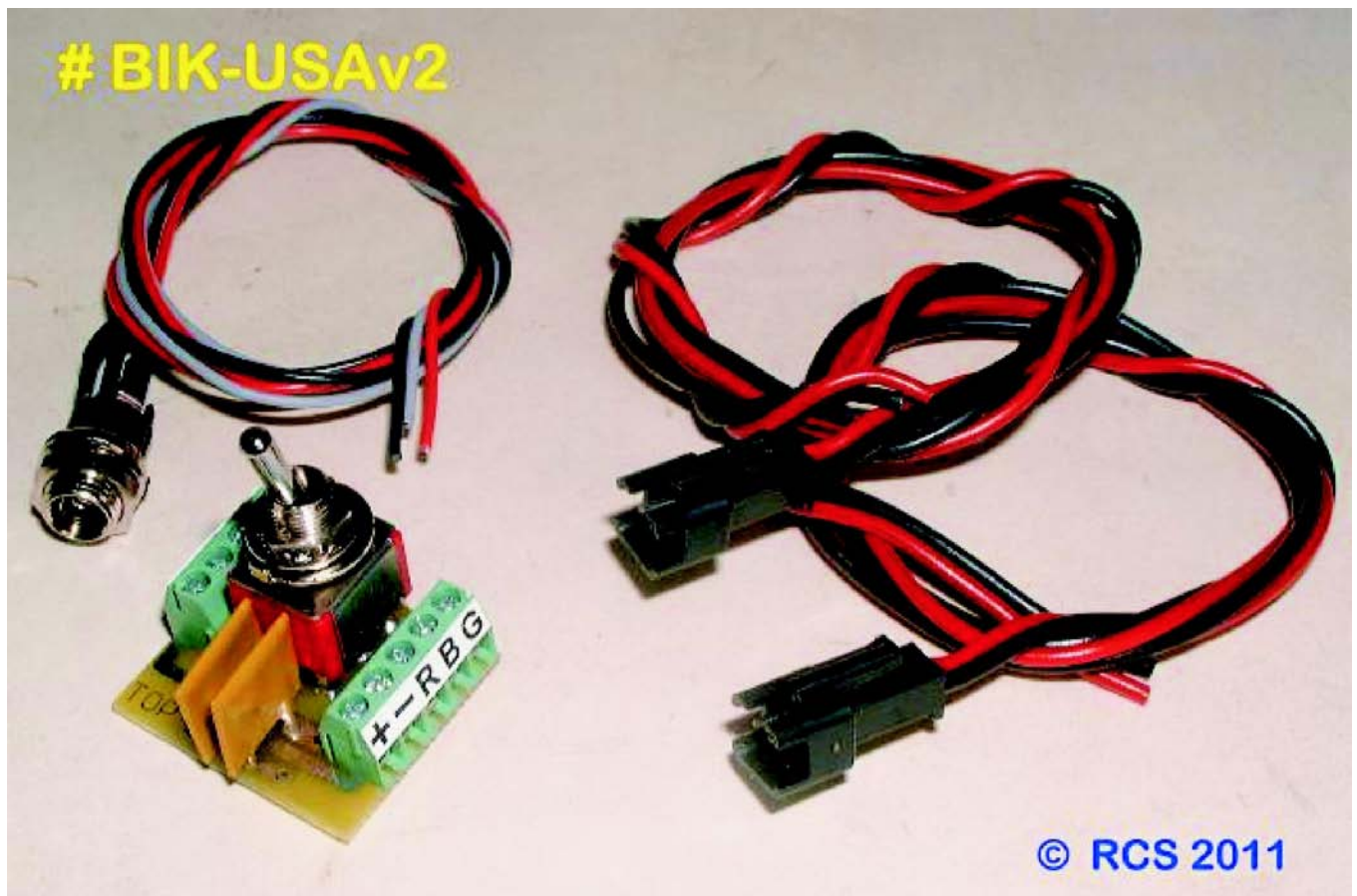
RCS # BIK-USAv2
PLUG & SOCKET KIT TO FIT BATTERY R/C TO MOST USA TRAINS® LOCOS.

This kit uses plugs & sockets to install basic battery R/C in most USA TRAINS® locos. No need to remove the stock USA TRAINS® pcb's. You can use any brand of R/C. These instructions refer specifically to the RCS brand of ESC's. When installed the loco operates just as though it was track powered. That is, the lights will follow direction change and go out when stationary. They do not detail how to place the batteries, charge jack or the method of charging.

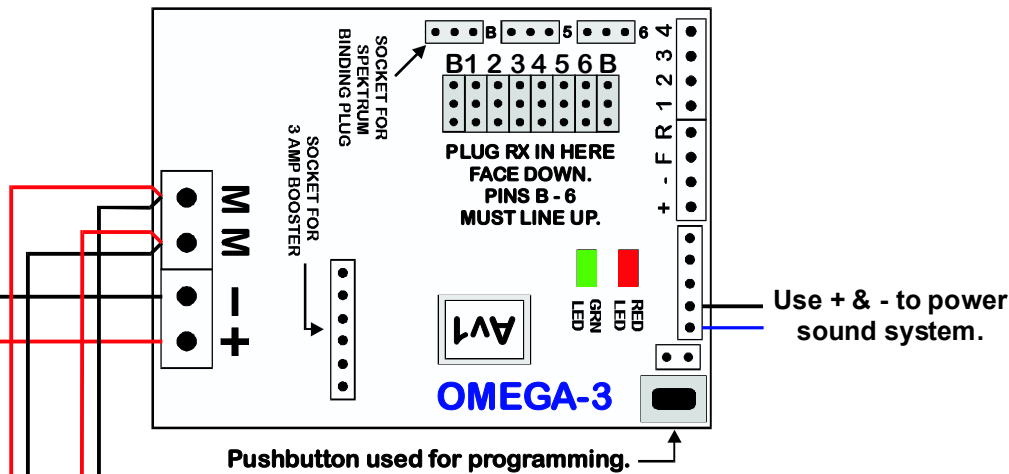
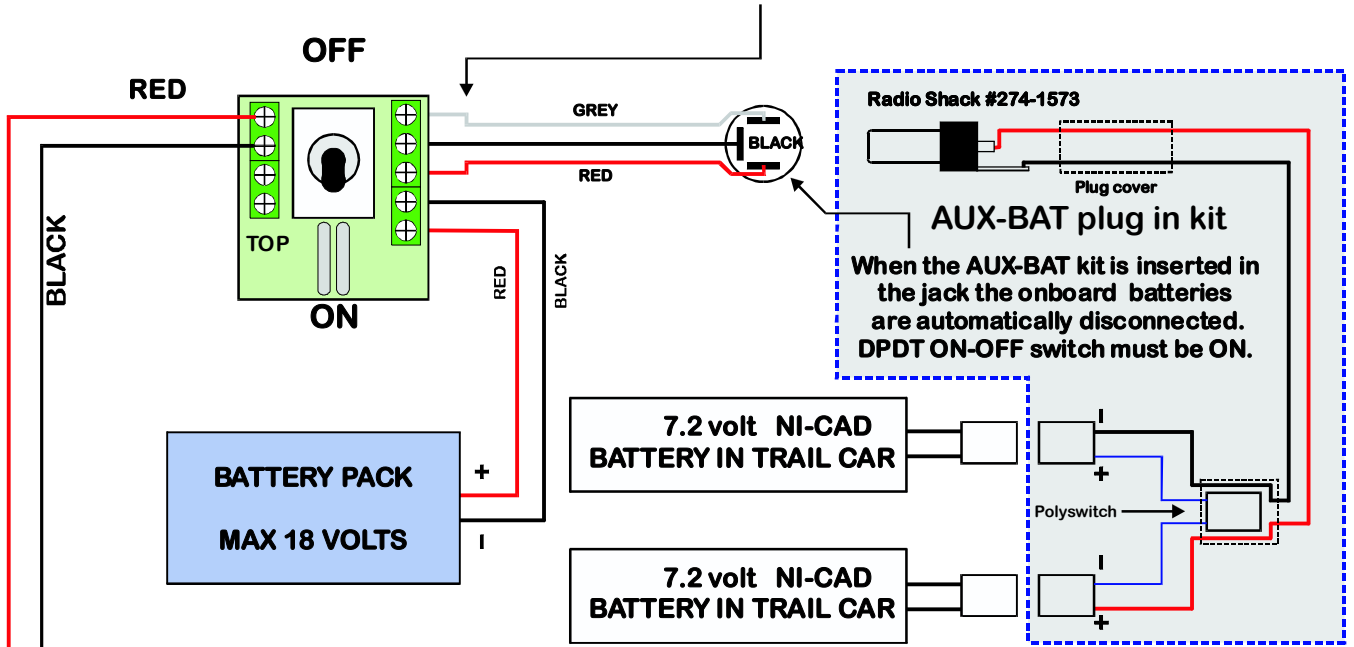
INSTRUCTIONS

Included are the following components:
1 x # BIK-U3v2 kit w/charge jack.
2 x JST brand 2 x way plugs with hooks.
You will need a long handled philips head screwdriver so that you can get into the holes in the chassis to remove the body mount screws. Note some body screws are hidden under the fuel tank.
A small flat blade screwdriver and small philips head screwdriver for the pcb screw terminals.
Side cutters and cable strippers to shorten the cables as necessary.
Although not absolutely necessary we do recommend tinning the bare wire ends with a small soldering iron before connecting wires to the terminals. We suggest the # BIK-U3v2 kit is mounted in the fuel tank with the charge jack at one end of the loco.
When reassembling the loco be very careful to keep the USA Trains® wiring from fouling the screw mounting holes. We use low cost small cable ties to bundle the wiring.

N.B. Fitting this kit may void the USA Trains® warranty.



**PAY PARTICULAR ATTENTION TO THE JACK WIRING.
IF NOT WIRED CORRECTLY IT IS POSSIBLE TO SHORT OUT THE BATTERY.**



IT IS MOST IMPORTANT THAT THE RED AND BLACK WIRES ARE CONNECTED AS SHOWN. OTHERWISE THE MOTORS WILL RUN IN OPPOSITE DIRECTIONS.

Coming from the trucks are two female track pick connectors "A". Remove them from the trucks and then disconnect them from the male connectors "B" coming from the USA Trains PCB. Insert the supplied Red/Black cable wires into the ESC AT MM as shown. Then plug the new cables into the existing male connectors "B" attached to the USA Trains® pcb. If loco runs backwards swap both sets

