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RCS # BIK-USAv3

PLUG & SOCKET KIT TO FIT BATTERY R/C TO MOST
4 axle USA TRAINS® LOCOS.

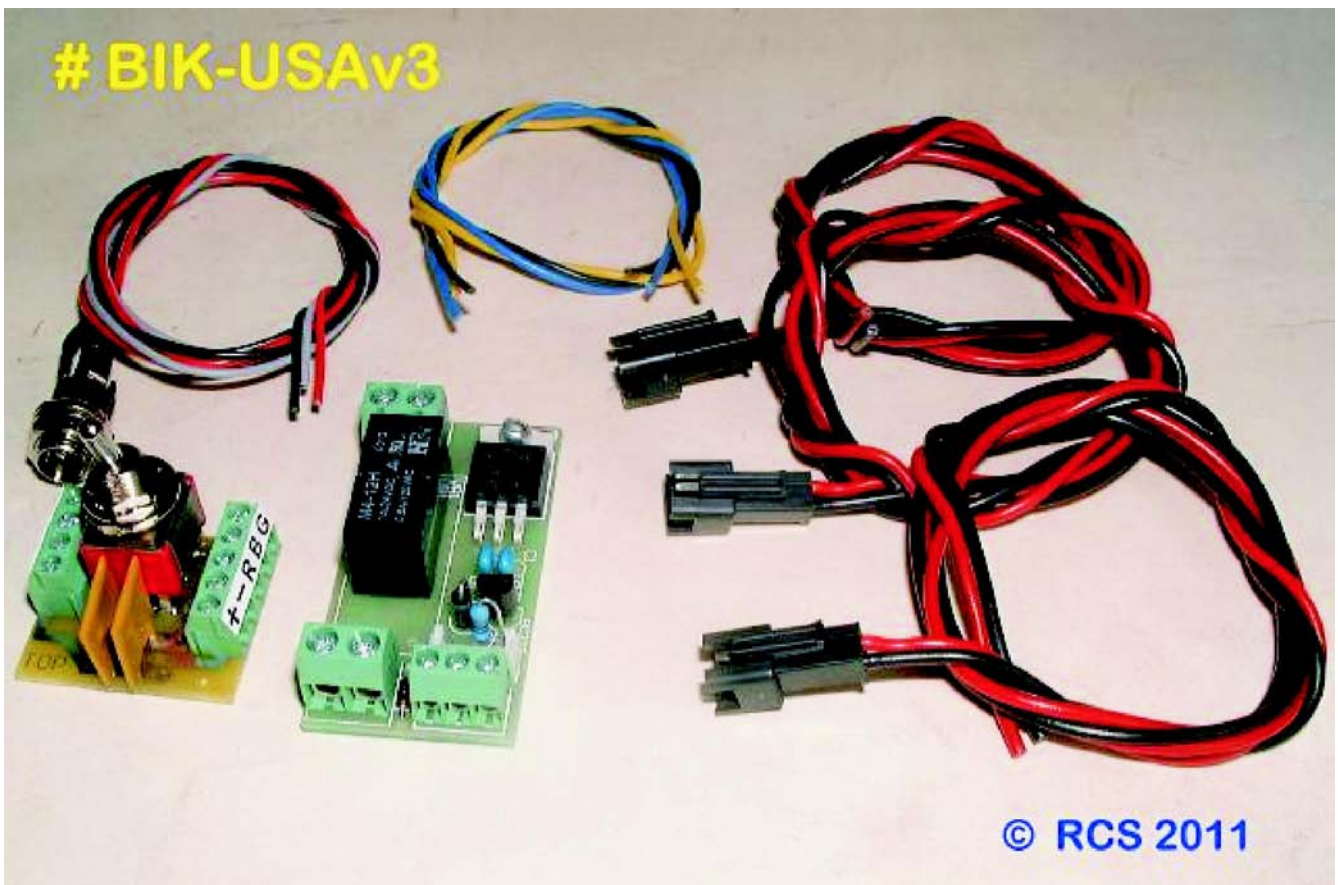
This kit uses plugs & sockets and a small relay pcb to simplify the installation of battery only R/C in most 4 x axle USA TRAINS® locos. No need to remove the stock USA TRAINS® pcb's You can use any brand of R/C. These instructions refer specifically to the RCS brand of ESC's. When installed the loco has constant brightness lighting when stationary, and follows direction change. 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-U3 installation kit with charge jack.
 - 1 x # RELAY pcb for constant brightness lights that change direction.
 - 3 x JST brand 2 x way plugs with hooks.
 - 2 for the motors and one for the USAT® pcb
- 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/or 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 switch assembly 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.**

