

How to install the SmartSwitch

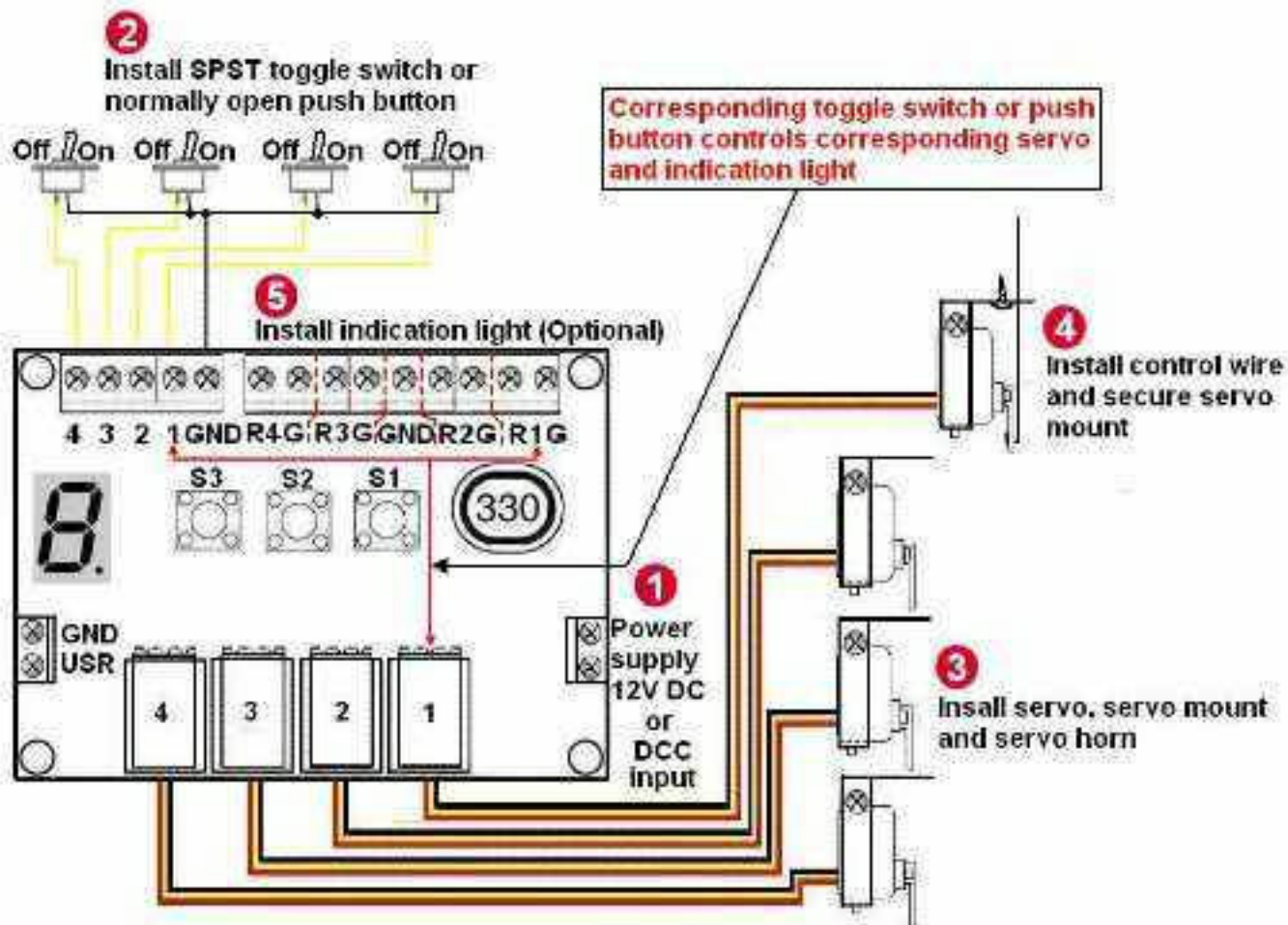


Figure A Standard setup--- SmartSwitch™ slow turnout machine

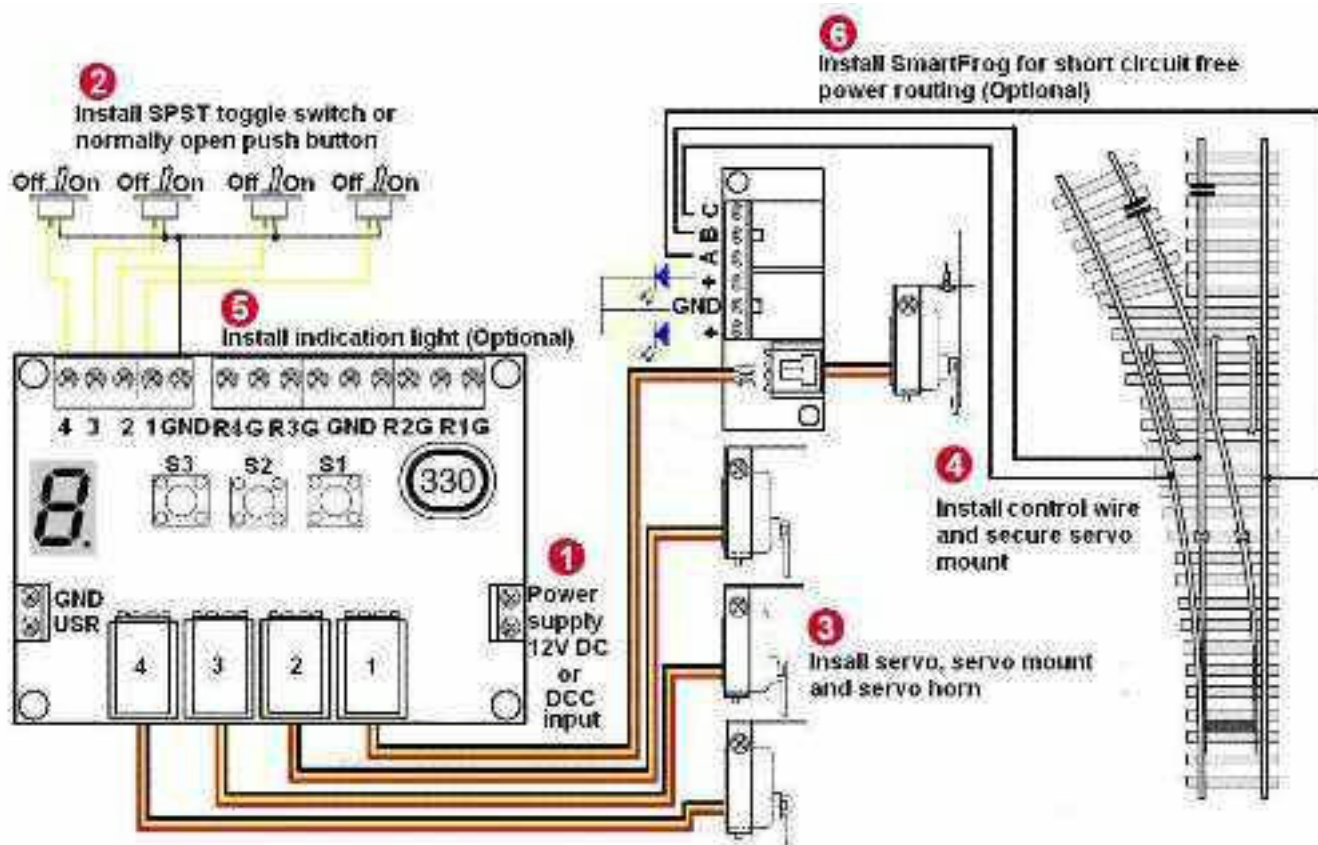


Figure B Power Routing Setup--- SmartSwitch™ + SmartFrog™

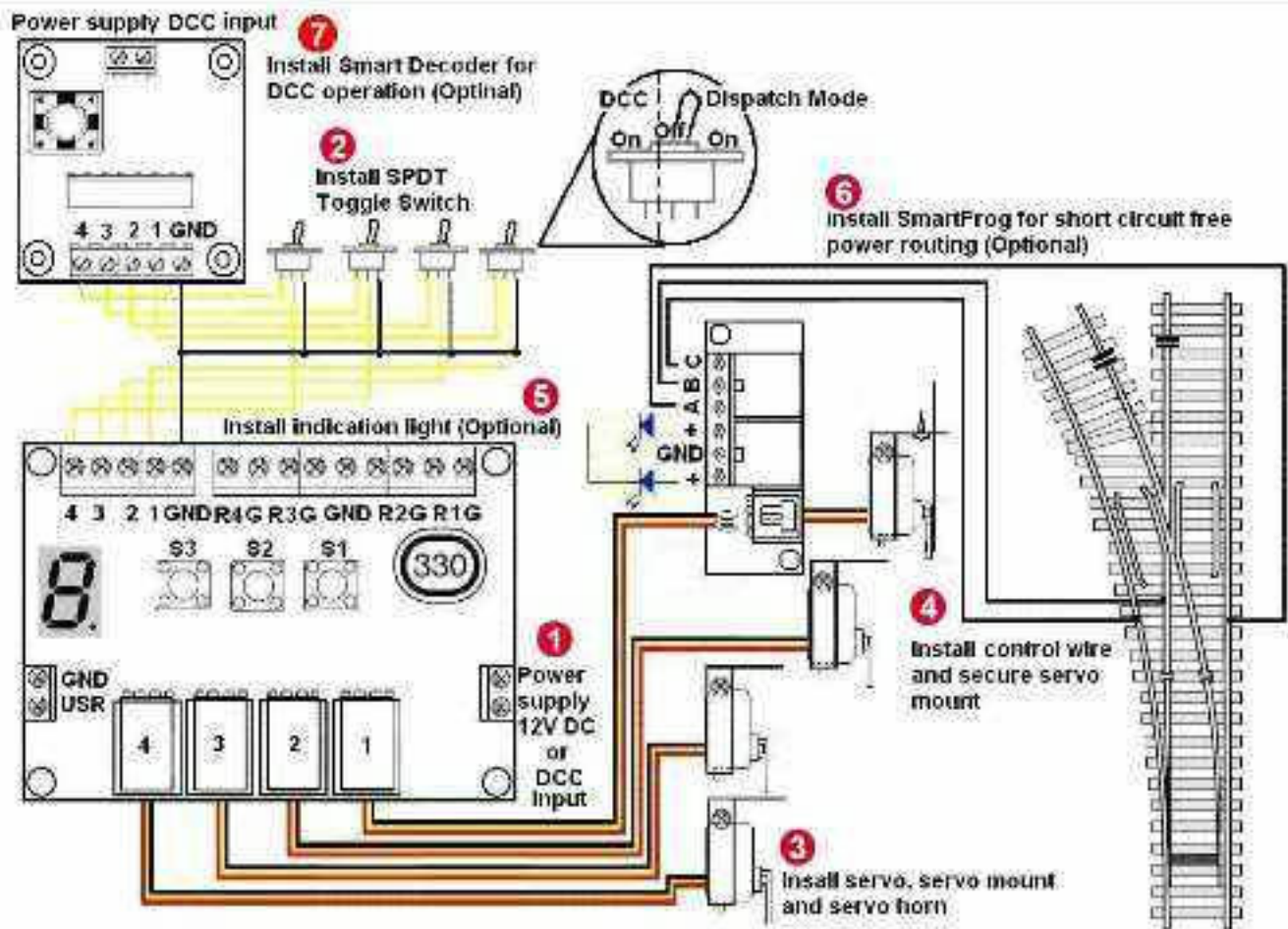


Figure C SmartSwitch™ + SmartFrog™ + Smart decoder (using SPDT 3 pin toggle switch)

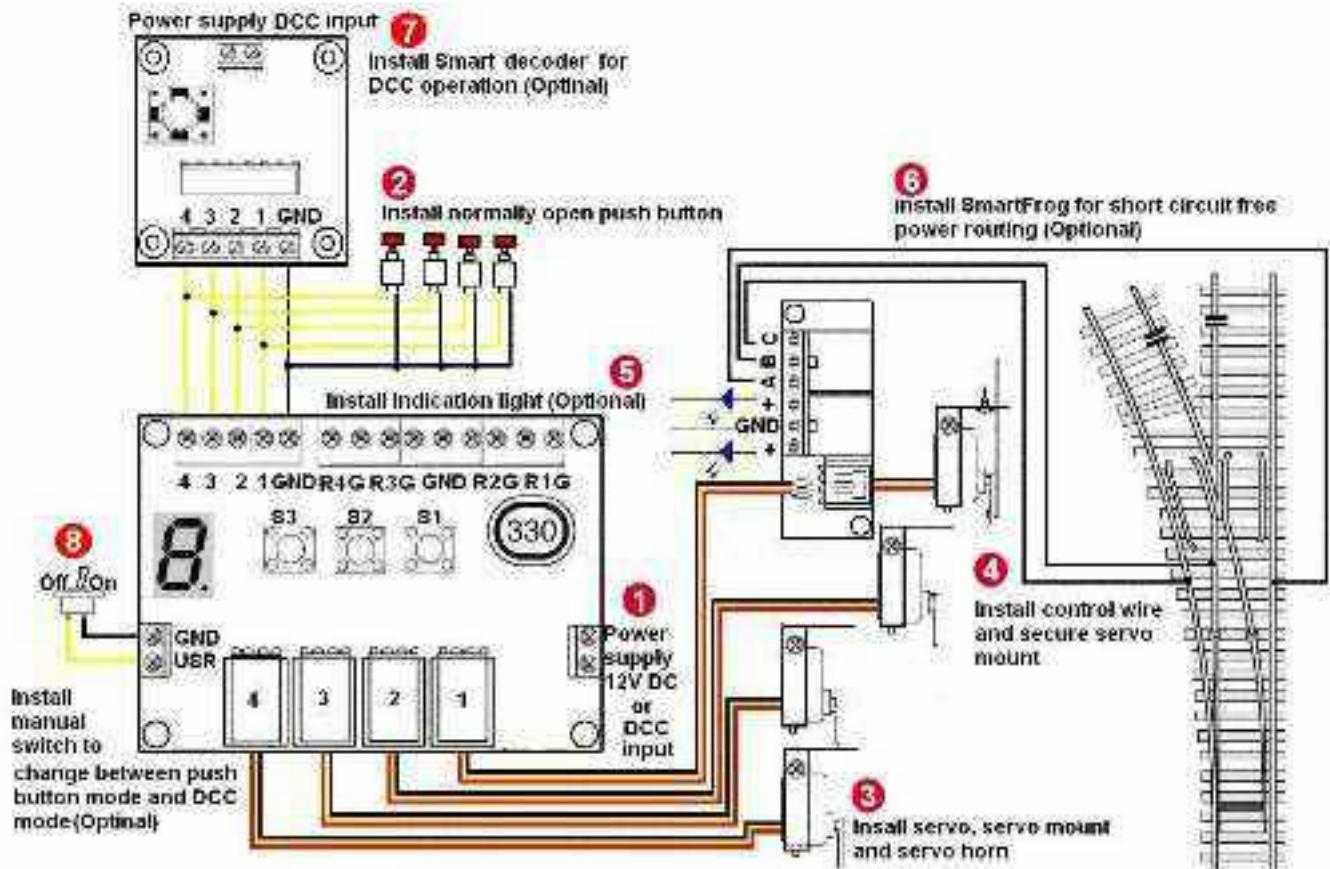


Figure D SmartSwitch™ + SmartFrog™ + Smart decoder (using 2 pin normally open push button)

You can either use toggle or push button as shown in figure C and D. Then follow the following step 3 through 6.

(1) Connect to 12V DC or DCC You can either use toggle or push button as shown in figure C and D. Then follow the following step 3 through 6.

(1) Connect to 12V DC or DCC power supply. No need to worry about polarity. Connect the servo cable to SmartSwitch™ control chip.

(2) Install toggle switch or push button. Corresponding toggle switch or push button controls corresponding servo.

(3) Install a servo onto a servo mount.

(4) Install control wire and secure servo mount.

(5) Optional. Install indication light for control panel or trackside signal light. No need to use resistor.

(6) Optional. Install SmartFrog?? for short circuit free power routing.

(7) Optional. Install Smart decoder for DCC operation.

(8) Optional. Install manual switch to change between push button and DCC operation mode.

