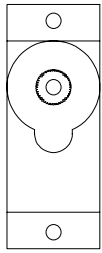


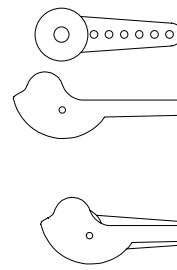
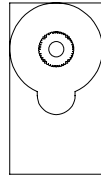
DCC Controlled Level Crossing Barrier / Semaphore Signal

Remove both the mounting tabs

Before



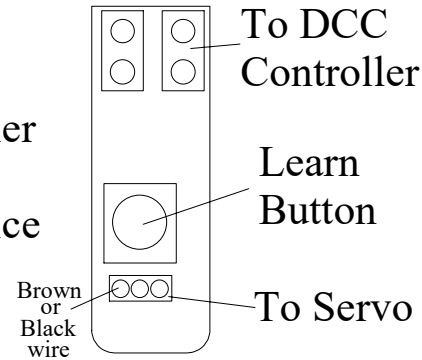
After



Glue the barrier to the servo arm

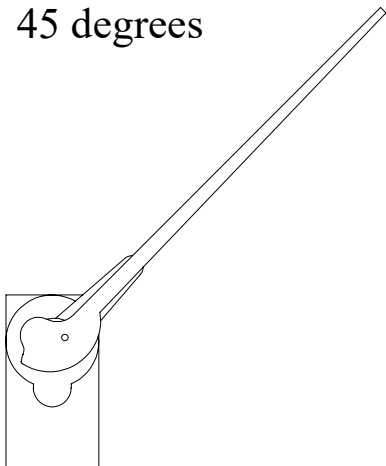
Setting the Servo to its center position

1. Plug the servo into the servo controller
2. Wire the Servo controller to the Track Output of your controller
3. Turn on the controller
4. Press the Learn button 2 times, the LED will start flashing twice
5. Select Loco 54
6. Press F0, the servo will rotate to its center position

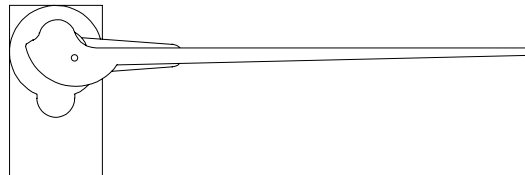


Note: if on your controller F0 is turned on then the bounce effect is enabled, if you don't want the bounce then turn F0 off. The bounce is mainly used on semaphore signals to give them a realistic look.

Fit the barrier onto the servo at about 45 degrees

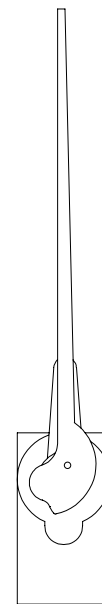


Adjust the speed of Loco 54 until the barrier looks like this



Press F3 to set this position

Adjust the speed of Loco 54 until the barrier looks like this



Press F4 to set the position

Set the barrier speed

1. Press F7, the barrier will start moving up and down
2. Adjust Loco 54 speed until you are happy with the speed of the movement
3. Press F8 2 times to save these settings

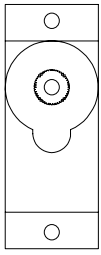
Setting up the Accessory Address

1. Press the learn button once, the LED will do single flashes
2. Set you controller to the accessory number you want to control this with
3. Press the direction button that you want to use for the barrier down position
4. The LED will stop flashing and the address has been saved

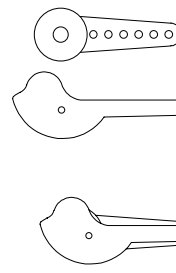
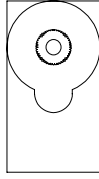
12V DC Controlled Level Crossing Barrier / Semaphore Signal

Remove both the mounting tabs

Before



After

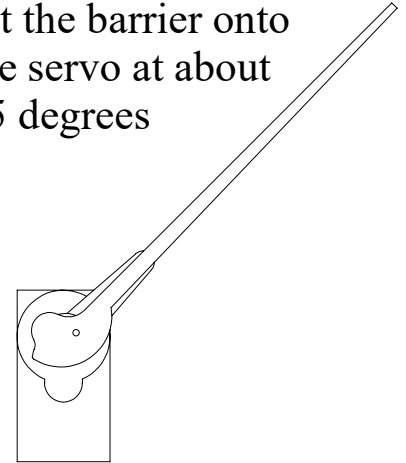
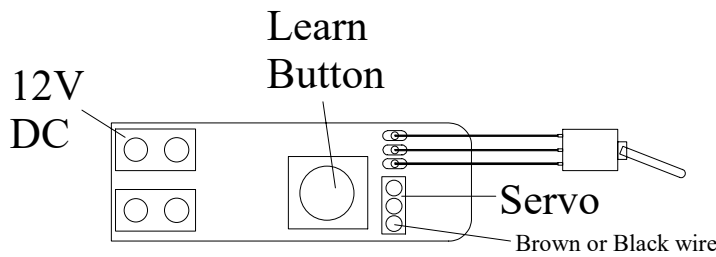


Glue the barrier to the servo arm

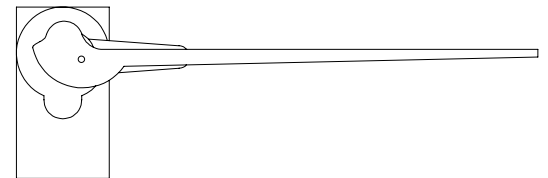
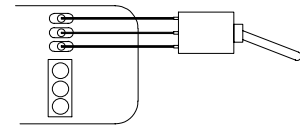
Setting the Servo to its center position

1. Fit the servo and switch to the servo controller
2. Whilst holding down the Learn button apply the 12V
3. The servo will rotate to its center position
4. Disconnect the 12V
5. Attach Barrier

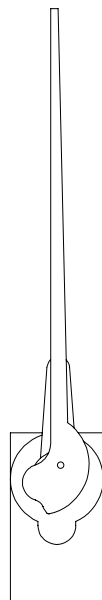
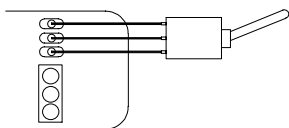
Fit the barrier onto the servo at about 45 degrees



1. Connect 12V to the PCB
2. Move the switch to the barrier down position
3. Everytime you hold down the Learn button the barrier will start moving in the opposite direction until you let go
4. Press the Learn button until the barrier is down
5. This position has now been saved



1. Move the switch to the barrier up position
2. Press the Learn button until the barrier is up
3. This position has now been saved



Bounce effect

A bounce effect can be added to the down position if using a semaphore signal. Press the learn button twice quickly to turn the bounce on or off. If the LED flashes once the bounce is turned off, 2 flashes means it is turned on.