

Lane Brain

LANE BRAIN INSTALLATION

Please download and follow installation instructions indicated under the SCOR3001 part number web site links

Reflashing Lane Brain

Select Lane Brain Booter program. Press “download” button.

Press the reset button on the Lane Brain.

Press OK on booter window or cancel to quit.

Flippers will now operate every 5 seconds, this confirms the Lane Brain has been reflashed.

Switch off system for 5 seconds, turn system back on.

Lane Brain now has the latest firmware and is ready to use.

Reconfiguring Lane Brain

Select Lane Brain Set Up program on the PC.

Reconfigure the Lane Brain by adjusting parameters and boxes.

Press “Download”.

Press the reset button on the Lane Brain.

Press “OK” on the Set Up Program.

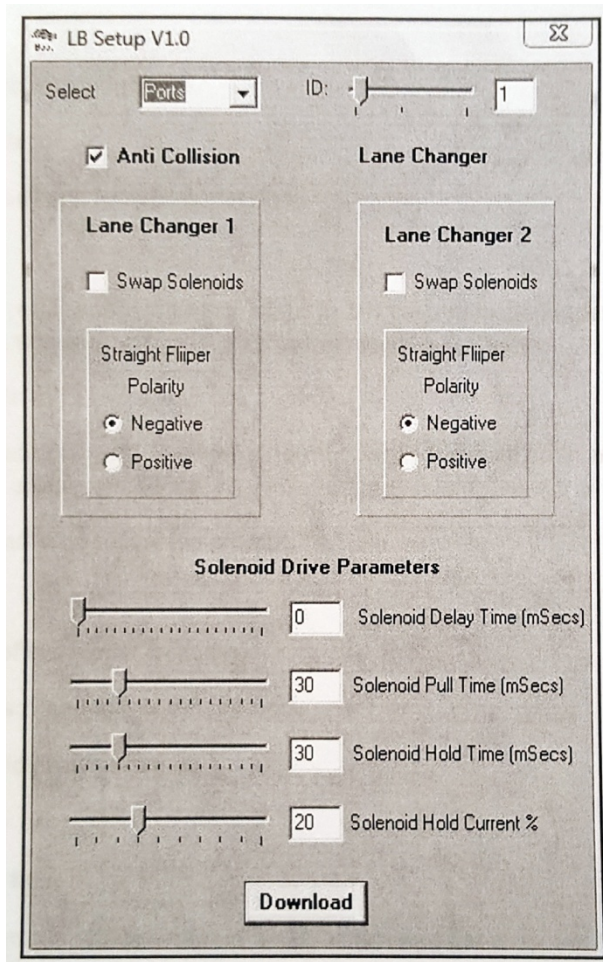
Flippers will now operate every 5 seconds, that confirms that the Lane Brain has been reconfigured.

Switch off the system for 5 seconds, turn the system back on.

Lane Brain is now reconfigured and ready to use.

Changing parameters on the Lane Brain Set Up Program

Setting parameters before sending to the Lane Brain :



The Lane Brain Set Up Program

Com Port Select

Reconfigure communication port.

Press “Download” and follow the prompts.

Set Lane Brain ID

Set Lane Brain ID number from 0 to 24

Use slider to set ID

Set Lane Brain ID to 0 for lapcounting

Set each Lane Changer and set the corresponding Lane Brain to the same ID

Set Lane Brain IDs in numerical sequence starting at number 1 being the first LC after the start, 2 being the second LC, etc.

Press “Download” and follow the prompts.

Anti Collision

Tick box to enable Anti Collision

Untick to disable.

Press “Download” and follow the prompts.

Spring Flipper

Tick this box if you are using Carrera, Ninco or any custom made flipper assembly where one solenoid is used in conjunction with spring or mechanical return mechanism.

Swap Solenoids

Incorrectly wired solenoids, example gate shuts when it should open and vice versa, can be reversed by ticking the box and reconfiguring.

Press “Download” and follow the prompts.

Swap Polarity

Swap polarity of live flipper if required.

Press “Download” and follow the prompts.

Change solenoid drive parameters

Adjust the following :

Solenoid delay time

Used in situations where flipper opens and closes before car arrives at the flipper. Increase value in 10 mSec increments until suitable.

Solenoid pull time

The pull time is the time that power is applied to the solenoid.

Sending new parameters to the Lane Brain

Once you have chosen new parameters press “Download” on the Lane Brain Set Up program

Press reset button on the Lane Brain

Press “OK” on the Lane Brain Set Up program

Flippers will now operate every 5 seconds.

Turn system off for 5 seconds.

Turn system back on.

Lane Brain is now reconfigured.