

Brake Pedal Trigger (RLVBACS004)



The Racelogic brake pedal trigger enables precise measurement of brake pedal application during VBOX brake stop tests.

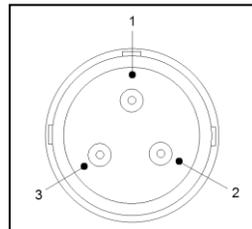
The trigger completes a circuit which pulls a floating 5V output to ground when pressed, with the exact time this event occurred being captured and recorded by the VBOX at a high sampled frequency. The frequency at which the trigger event is recorded is dependent on the model of VBOX in use.

The brake trigger event time capture is stored in internal memory and stamped into the VBO file to interpolate the speed between GPS samples which is the key component for a high accuracy brake stop distance calculation. This oversampling is only available if the trigger is used with VBOX2, VBOX3, and the VBOX3i model range.

The switch is flexible to fit any brake pedal in varying orientation without causing interference with other pedals.



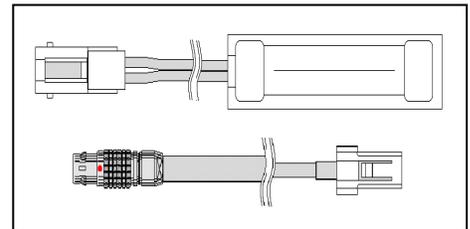
- Cable length approx 2 metres
- Trigger Switch Length approx. 130mm
- AMP/TYCO Part No.
- Plug housing 174463-1
- Receptacle crimp 175027-1



3 PIN LEMO PLUG

VIEW FACING PINS

LEMO PART NO. FGG.0B.303 CLAD52Z



Connector

Pin	
1	No connection
2	No connection
3	BNC Trigger signal pin
Chassis	BNC Ground

Note: For wire function refer to module pin description