

JAMEX iROS

AS 2809 **i**ntelligent **R**oll **O**ver **S**witch TESTING INSTRUCTIONS

Test With fault lamp connected (self-test)

To test iROS connected to battery isolation switch c/w fault lamp

Turn on the isolation switch, the warning lamp should illuminate then extinguish.

The lamp illuminating and then extinguishing indicates that the iROS has satisfactorily carried out self-test. If lamp does not come on, or stays on double-check all connections and retest. To retest turn off battery isolation switch wait for 10 seconds and then turn back on, follow steps above.

If lamp flashes a “fault” see definition of fault codes below

Note. iROS should be mounted in correct orientation for this to occur. If iROS orientation is not correct the fault lamp may stay illuminated.

Fault lamp flash codes

2 flashes = Solenoid (battery isolation switch coil) failed or not connected.

3 flashes = accelerometer x-axis fail

4 flashes = accelerometer y-axis fail

5 flashes = Bad checksum

6 flashes = Calibration out of tolerance

To manually test iROS

Push and hold the “test” button for 10 seconds, the first 8 seconds of test button push is ignored by the iROS to avoid chance of false triggers by an item bumping the button, after 8 seconds the test lamp should illuminate as an indication the unit is activating it’s self test, after a further 2 seconds (rollover delay) the unit will activate and shutoff the battery isolation switch.

iROS can also be tested manually “the old fashioned way” by removing mounting bolts and holding stationary at an angle greater than 50 degrees.

Note. iROS unit needs to be stationary to activate, for this reason it is suggested the iROS be placed on its side on chassis or similar to test in this manner.

Note as iROS self tests on power up the iROS needs to be level & still (stationary) during power up. If the unit senses movement during power up it may fail the self-test and go into self-test failed “lockout” mode. (with fault lamp flashing)

To the unit will automatically “re- self-test” after 20 seconds and provided it passes the self-test go into normal operation

If during any testing an iROS “locks up” and fails to respond reset the iROS by unplugging iROS loom for 20 seconds. Then reconnect loom and retest. Due to the design of the Lucas battery isolation switch iROS may not reset by turning off and on the battery isolation switch

WARNING as with all electronics incorrect connections can damage iROS unit, damage of this type is detectable and will not be covered under warranty

For any additional information contact Jamex Pty Ltd on 03 5789 1488