

# FRIDGESWITCH

by [www.rvelectronics.com.au](http://www.rvelectronics.com.au)

## **HOW FRIDGESWITCH WORKS**

**FRIDGESWITCH** HAS AN INBUILT ELECTRONIC MOTION AND VIBRATION SENSOR WHICH AUTOMATICALLY SWITCHES 'ON' THE 12 VOLT SUPPLY TO THE CARAVAN OR MOTORHOME 3 WAY FRIDGE WHEN THE VEHICLE STARTS TO MOVE AND TURNS THE FRIDGE 'OFF' WHEN THE VEHICLE STOPS.

**WARNING:** PLEASE CHECK YOUR FRIDGE AMPERAGE BEFORE FITTING. **FRIDGESWITCH** MAXIMUM 12 VOLT 20 AMPS. IF YOUR FRIDGE IS OVER 20 AMPS AN ADDITIONAL 40 AMP RELAY MAY BE REQUIRED.

**IF YOUR CARAVAN IS FITTED WITH A FRIDGE THAT REQUIRES 12 VOLTS TO IGNITE THE GAS, EG: DOMETIC MODELS RM4211 AND RM4401, EXTRA WIRING NOT SHOWN IN THESE INSTRUCTIONS MAY BE NEEDED. CONTACT R V ELECTRONICS FOR MORE DETAILS.**

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## **FITTING INSTRUCTIONS**

REMOVE THE LOWER OUTSIDE VENT AT THE REAR OF THE FRIDGE. **FRIDGESWITCH** SHOULD BE POSITIONED BEHIND THE CARAVAN OR MOTOR HOME FRIDGE AND BE SECURED TO THE **FLOOR** USING SCREWS (DO NOT OVERTIGHTEN) OR THE ADHESIVE PADS PROVIDED.

**THE LABEL ON THE FRIDGESWITCH BOX MUST FACE UPWARD TO ENSURE CORRECT OPERATION OF THE MOTION SENSOR. DO NOT ATTACH FRIDGESWITCH TO A WALL.**

BEFORE MAKING ANY ELECTRICAL CONNECTIONS, ENSURE THE ALL 240 VOLT AND 12 VOLT ELECTRICAL POWER TO THE FRIDGE HAS BEEN TURNED OFF.

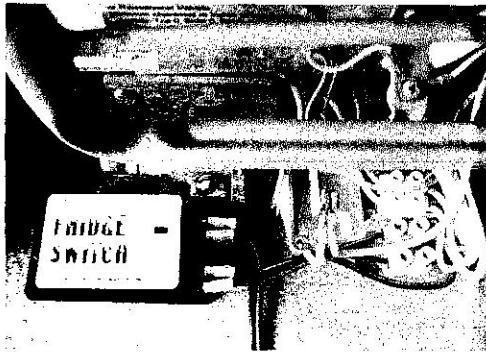
**IF YOU ARE NOT SURE WHICH ARE THE 12 VOLT WIRES CONSULT AN ELECTRICIAN.**

IF THE 12 VOLT WIRES TO THE TERMINAL BLOCK AT THE BACK OF THE FRIDGE ARE LONG ENOUGH, CUT THE TWO WIRES IN A POSITION SO THAT ALL FOUR ENDS WILL REACH THE TERMINALS OF THE **FRIDGESWITCH** BOX. STRIP THE INSULATION FROM THE WIRES AND CONNECT THE CRIMP TERMINALS.

IF THE WIRES ARE TOO SHORT TO CONNECT THEM AS DESCRIBED ABOVE, TWO SHORT PIECES OF WIRE WILL BE NEEDED TO CONNECT BETWEEN THE TERMINAL BLOCK AND THE **FRIDGESWITCH**.

ONLY USE WIRE OF EQUAL SIZE OR LARGER THAN THE EXISTING WIRE.

DISCONNECT THE TWO WIRES FROM THE TERMINAL BLOCK AT THE BACK OF THE FRIDGE AND CONNECT THE CRIMP TERMINALS TO THE ENDS OF THE WIRES.



CONNECT THE CRIMP TERMINALS TO THE **FRIDGESWITCH** BOX.

FOLLOW THE DIRECTIONS ON THE **FRIDGESWITCH** LABEL CAREFULLY.

**FRIDGESWITCH** WILL NOT OPERATE IF THE CONNECTIONS ARE INCORRECT AND DAMAGE MAY OCCUR TO THE **FRIDGESWITCH** CIRCUITRY.

BEFORE REPLACING THE VENT, TEST THE OPERATION OF **FRIDGESWITCH**. CONNECT 12 VOLT POWER TO THE AUXILIARY LINE AND TURN THE FRIDGE TO 12 VOLTS. THE POWER LIGHT (IF FITTED) ON THE FRIDGE SHOULD BE OFF. NOW TAP THE TOP OF THE **FRIDGESWITCH** BOX. THIS WILL ACTIVATE THE BUILT-IN SHOCK SENSOR. THE L.E.D. INDICATOR ON THE LABEL WILL ILLUMINATE AND THE FRIDGE SHOULD TURN ON. THE LED MAY BE DIFFICULT TO SEE IN BRIGHT SUNLIGHT. THE FRIDGE WILL BE ON FOR SEVERAL SECONDS AND THEN TURN OFF. THE HARDER THE TAP THE LONGER THE FRIDGE WILL BE ON. REPLACE THE VENT SECURELY.

**IMPORTANT:** ATTACH THE RED **FRIDGESWITCH** LABEL SUPPLIED, TO THE OUTSIDE OF THE FRIDGE VENT. THIS WILL NOTIFY SERVICE AGENTS OF THE INSTALLATION OF A **FRIDGESWITCH** WHEN TESTING THE OPERATION OF THE CARAVAN FRIDGE.

**FRIDGESWITCH** HAS A VARYING TIMING CIRCUIT WHICH MAY KEEP THE FRIDGE TURNED ON FOR UP TO THREE MINUTES AFTER THE VEHICLE HAS STOPPED. THIS IS TO KEEP YOUR FRIDGE TURNED ON WHILE YOU ARE STOPPED AT TRAFFIC LIGHTS.

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