

BREAKSAFE SERIES 5000 AND 5000XP OWNER OPERATING INSTRUCTIONS

IMPORTANT: PLEASE HAND THIS LEAFLET TO OWNER

THE BREAKSAFE BREAKAWAY SYSTEM IS DESIGNED TO APPLY THE TRAILER BRAKES & BRAKE LIGHTS IF THE TRAILER IS ACCIDENTALLY SEPARATED (BREAK AWAY) FROM THE TOW VEHICLE.

***NOTE* PLEASE MAKE CERTAIN THAT THE CABLE FROM THE BREAKAWAY SWITCH IS ATTACHED TO THE REAR OF THE TOW VEHICLE USING A SECURE ANCHOR POINT. DO NOT HOOK CABLE TO TOW BALL OR SAFETY CHAIN ANCHOR.**

TO TEST THE BREAKSAFE BATTERY

TO TEST THE CONDITION OF THE BREAKSAFE BATTERY USE THE TEST BUTTON ON THE FRONT OF THE UNIT. DEPRESS THE BUTTON MOMENTARILY AND CHECK THE BATTERY LEVEL LIGHTS. THE TEST BUTTON WILL ALSO ENERGIZE THE TRAILER BRAKES AND BRAKE LIGHTS.

GREEN - BATTERY NORMAL RED - BATTERY LOW (CHARGE BEFORE USE)
NO LIGHT OR BUZZING SOUND. BATTERY FLAT (CHARGE BEFORE USE OR REPLACE BATTERY)

SHOULD YOUR TOW VEHICLE BE FITTED WITH A BREAKSAFE **SERIES 5000RM** REMOTE BATTERY MONITOR, THE LEVEL OF CHARGE OF THE BREAKSAFE BATTERY IS CHECKED AUTOMATICALLY, EACH TIME THE BRAKE PEDAL IS PRESSED WHEN THE TRAILER IS CONNECTED. A **GREEN LIGHT** INDICATES THE BATTERY IS CHARGED. A **RED LIGHT** AND BUZZER INDICATES THE BREAKSAFE BATTERY IS BELOW THE SAFE LEVEL AND SHOULD BE RECHARGED OR REPLACED.

TO TEST THE BREAKAWAY SYSTEM.

***NOTE* THIS TEST SHOULD BE DONE REGULARLY TO ENSURE THE BREAK-AWAY SYSTEM IS WORKING CORRECTLY.**

DISCONNECT THE TRAILER PLUG FROM THE TOW VEHICLE. PULL THE BREAK-AWAY PIN FROM THE BREAKAWAY SWITCH ATTACHED TO THE A FRAME. THE **ELECTRIC BRAKES AND BRAKE LIGHTS** OF THE TRAILER SHOULD IMMEDIATELY ACTIVATE AND THE BATTERY LEVEL LIGHT SHOULD ILLUMINATE. THE BRAKES WILL RELEASE WHEN THE PIN IS REPLACED IN THE SWITCH.

THIS BREAKAWAY SYSTEM MUST **NOT** UNDER ANY CIRCUMSTANCES BE USED AS A **PARKING BRAKE OR SECURITY DEVICE.** IF BREAKSAFE IS USED FOR THESE PURPOSES THE BATTERY WILL BE COMPLETELY FLATTENED WITHIN ONE HOUR.

THIS WILL RELEASE THE TRAILERS BRAKES.

USING THE BREAKSAFE FOR ANY PURPOSE OTHER THAN FOR WHICH BREAKSAFE WAS DESIGNED WILL
VOID ALL WARRANTY.

CHARGING OF THE BREAKSAFE BATTERY CAN BE DONE VIA THE TOW VEHICLE AUXILIARY LINE (BREAKSAFE BLACK WIRE) OR BY CONNECTING A SMALL BATTERY CHARGER (**8 AMPS MAXIMUM**) TO THE RED AND BLACK TERMINALS ON THE FRONT OF THE BREAKSAFE BOX. THE ORANGE CHARGE LIGHT NEXT TO THE RED TERMINAL WILL ILLUMINATE WHEN THE BREAKSAFE BATTERY IS CONNECTED TO 12 VOLTS FOR CHARGING. THE CHARGING SYSTEM IN THE BREAKSAFE UNIT IS A **TRICKLE CHARGE CIRCUIT** ONLY AND IT MAY TAKE SEVERAL HOURS FOR THE BATTERY TO FULLY RECHARGE.

IF THE BATTERY HAS BEEN **COMPLETELY FLATTENED**, THE CHARGING SYSTEM WITHIN THE BREAKSAFE UNIT MAY NOT BE ABLE TO FULLY RECHARGE THE BATTERY. SHOULD THIS OCCUR, THE BATTERY WILL NEED TO BE REMOVED FROM THE BREAKSAFE CASE AND BE RECHARGED WITH A NORMAL CAR BATTERY CHARGER. * DO NOT USE **RAPID TYPE CHARGERS** OR **OVERCHARGE.** IF THE BATTERY DOES NOT HOLD ITS CHARGE, IT MAY NEED REPLACING. TO REPLACE THE BREAKSAFE BATTERY, FIRST REMOVE THE SIX SCREWS FROM THE OUTER EDGE OF THE BREAKSAFE BOX. NEXT RELEASE THE TWO SIDE CLIPS. THE BATTERY BOX WILL NOW SPLIT IN HALF.

***NOTE:** THE BREAKSAFE BATTERY SHOULD BE REPLACED EVERY **2 YEARS** REGARDLESS OF ITS TEST CONDITION. USE BREAKSAFE **12 VOLT 7.0 AMP HOUR** BATTERY FOR **SERIES 5000** (2 AND 4 WHEEL ELECTRIC BRAKE) UNITS AND BREAKSAFE **12 VOLT 9.0 AMP HOUR** FOR **SERIES 5000XP** (6 WHEEL ELECTRIC BRAKE) UNITS.

FOR REPLACEMENT BATTERY OR INFORMATION REGARDING BREAKSAFE, SEE YOUR LOCAL DISTRIBUTOR OR CALL **R. V ELECTRONICS PTY. LTD. PHONE 08 8261 3500 FAX 08 8261 3400**

EMAIL - info@rvelectronics.com.au

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