

### **INTRODUCTION**

The Model 620-2109 siren consists of an amplifier which powers one 100-watt RMS speaker. The amplifier, because of its small physical size, mounts conveniently in a remote position from the function control switch. The 630-2109 siren system includes one centre off switch. This switch allows the operator to select the WAIL or YELP functions. An optional momentary switch will allow the operator to sound either the PHASER or the AIR HORN sound.

#### **Installation of the Power Amplifier:**

Select a location suitable for installation of the amplifier. This area must be free from moisture, heat and abuse. *Do not mount in engine compartment.*

Using the amplifier as a template, mark the location of the mounting holes. Drill holes at these locations, to assist starting the mounting screws. *All installations are the sole responsibility of the purchaser.*

#### **Control Switch:**

Select a location for installation of the control switch. The area selected should provide ease of operation and must not interfere with the normal operation of the vehicle or the deployment of an air bag. Using the switch bracket as a template, to assist in starting the mounting holes. Drill holes at these locations, to assist in starting the mounting screws provided.

#### **Speaker Connections:**

Use only one 100 watt speaker with an 11 ohm impedance. Connect one conductor of suitable 2 core wire to the terminal on the siren marked "SPKR COMMON". Connect the second conductor of the wire to the "100 WATT" terminal on the siren.

#### **Power Input Connections:**

Connect the supplied black wire to the terminal on the siren marked "GROUND". Connect the other end of the black wire to ground. The negative terminal of the battery is a preferred location. Connect the supplied red wire to the terminal on the siren marked "+12 VOLTS". This terminal on the siren connects directly to the on board 20 amp fuse. Connect the other end of the red wire to a positive source. To protect the wiring going to the siren, install an in-line fuse or circuit breaker on the end of the wire as close as possible to the positive source. The current draw of the siren during operation is approximately 8 amps, when supplied by 13.8 volts. The current draw of the siren when power is applied, but no functions are selected, is approximately 0.03 amps.

#### **Control Switch Connections:**

Connect the wires from the control switch to the terminals on the siren as shown in the diagram. By applying +12 volts to one of the terminals, the corresponding sound will be produced. Connect the green wire from the switch to the terminal on the siren marked "WAIL". Connect the brown wire from the switch to the terminal on the siren marked "PHASER". Connect the yellow wire from the switch to the terminal on the siren marked "YELP". Connect the white wire from the switch to the terminal marked "HORN". Run red wire from terminal marked "+12 VOLTS Input" to power source. Connect 3' red wire from switch panel to terminal marked "+12 VOLTS to switches".

#### **Warranty:**

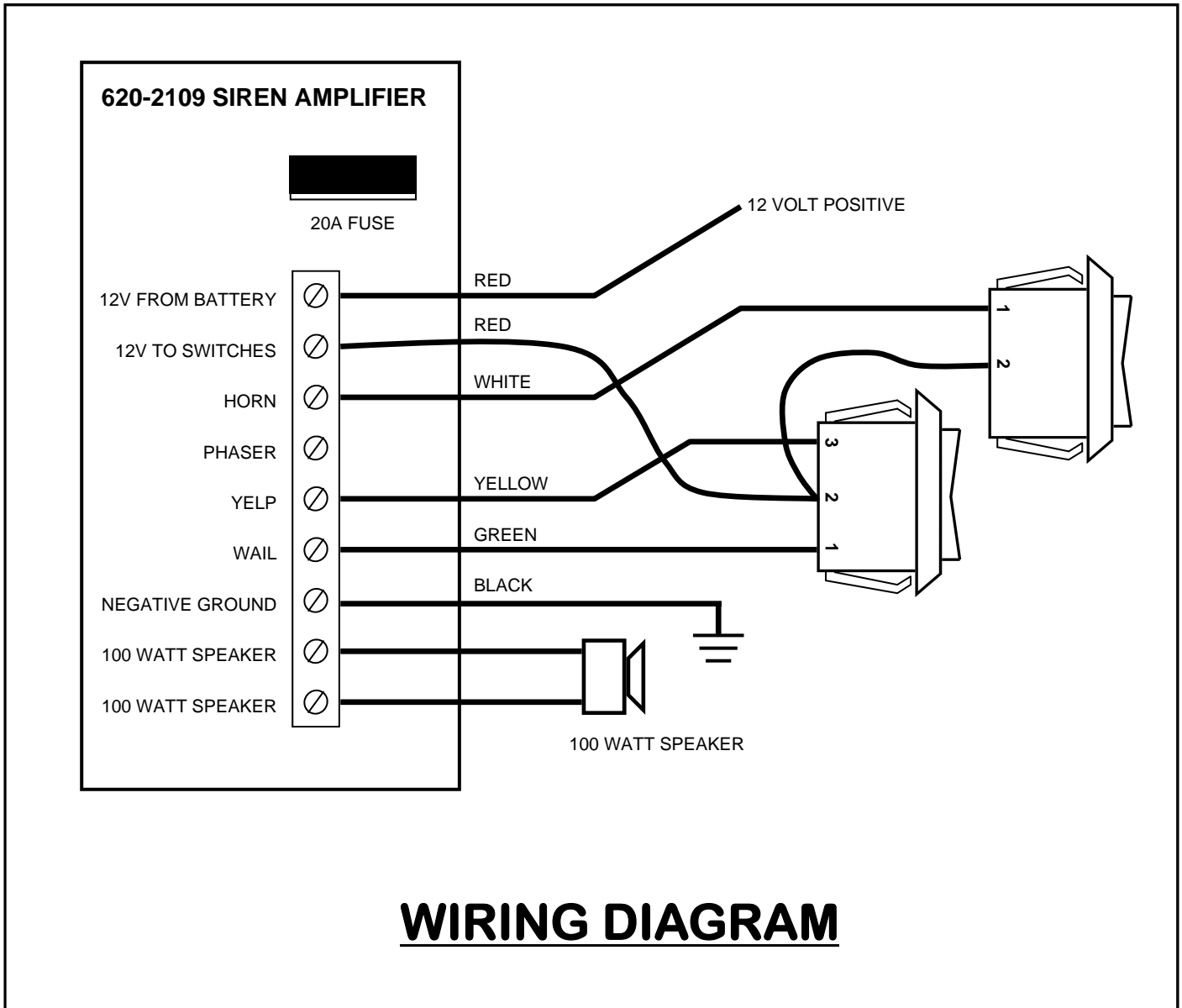
Merchandise returned under warranty shall be subject to factory inspection and repaired, replaced or credited at Australian Warning System's option. Water, condensation or negligence will **VOID** warranty. Warranty period for parts and labour on this unit is 2 years.

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# Model 620-2109

## Siren Amplifier

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