LARGE DASH DISPLAY MODULE FOR AGB/ST6

INSTALLATION NOTES

GENERAL NOTES

The Albins sequential display module operates with an AGB or ST6 gearbox to provide a visual indication of the currently selected gear. It features a large, easy to read display housed in a compact package, and incorporates a flashing 'reverse' indication. The machined aluminum enclosure is sealed against dust and moisture to provide reliable operation in harsh environments. Sealed connectors are employed for the external wiring.

INSTALLATION

1. Identify a location for the display, taking into account visibility, and avoiding sources of heat.

2. Stick the supplied drilling template in the selected position. Drill holes in marked positions using a 4.5mm or 3/16" bit.

3. Secure the display using the supplied M4 cap screws and a suitable thread locking adhesive. Note: To avoid damaging the seal, do not remove the rear panel of the box.

4. Run the wiring from the display to the power source and potentiometer, avoiding exposure to excessive heat, abrasion, or repeated flexing. Ensure that the wires are securely fastened.

5. Connect the 6-way plug on the loom to the matching socket on the display.

6. Connect the red wire to a switched 12V source. Although the display module has internal short circuit protection, it is recommended that the supply be fitted with a fuse, in the range 1-5A, to protect the wiring and vehicle electrical system.

7. Connect the black wire to a chassis ground point, or to the ground wire of an existing circuit.

8. The black multicore cable connects to the potentiometer via a 3-way connector. If you are not using a loom with a pre-fitted connector, cut the wire to length and terminate it according to the wiring diagram.

9. Connect the potentiometer to the wiring loom. This completes the installation of the sequential display module. When power is applied to the display, it should illuminate, and when changing gears, the figure on the display should change accordingly.

TROUBLESHOOTING

If the display fails to illuminate, check over the power wiring and associated connectors. In the event that the display is stuck in a particular gear, it will be necessary to inspect the wiring and connections to the potentiometer.

The potentiometer is supplied pre-aligned with the gearbox, and no adjustment should be necessary. If, however, the displayed gear does not match up with the currently selected one, it will be necessary to realign the potentiometer. With the gearbox in neutral, loosen the potentiometer fasteners. Turn the potentiometer one way and then the other to locate the points at which the display changes to "1' and "2" the correct position is halfway between these two points.

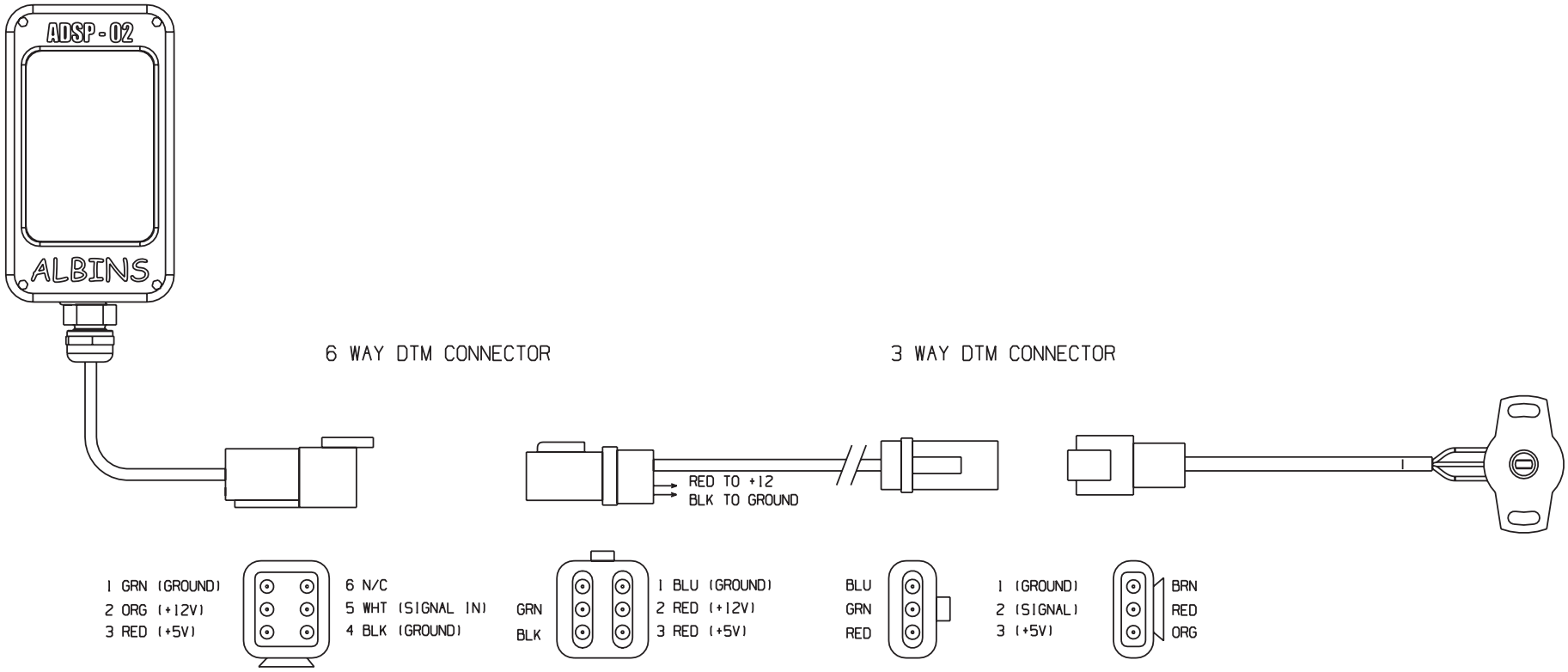
SPECIFICATIONS

- Dimensions: 59 x 104 x 27mm (excluding cable and clamp)
- Supply Voltage: 10-15V (12V nominal)
- Supply Current: 150mA max.
- Operating Temperature: 0-50°C ambient
- Display Type: 57mm superbright red alphanumeric LED
- Potentiometer: 5 kΩ resistance, 300° electrical travel

IF YOU HAVE ANY QUESTIONS

Please call us at: **(805) 562-8600** or e-mail us at:
info@weddleindustries.com

WIRING DIAGRAM FOR SEQUENTIAL DISPLAY MODULE 8-AGB5-DM2

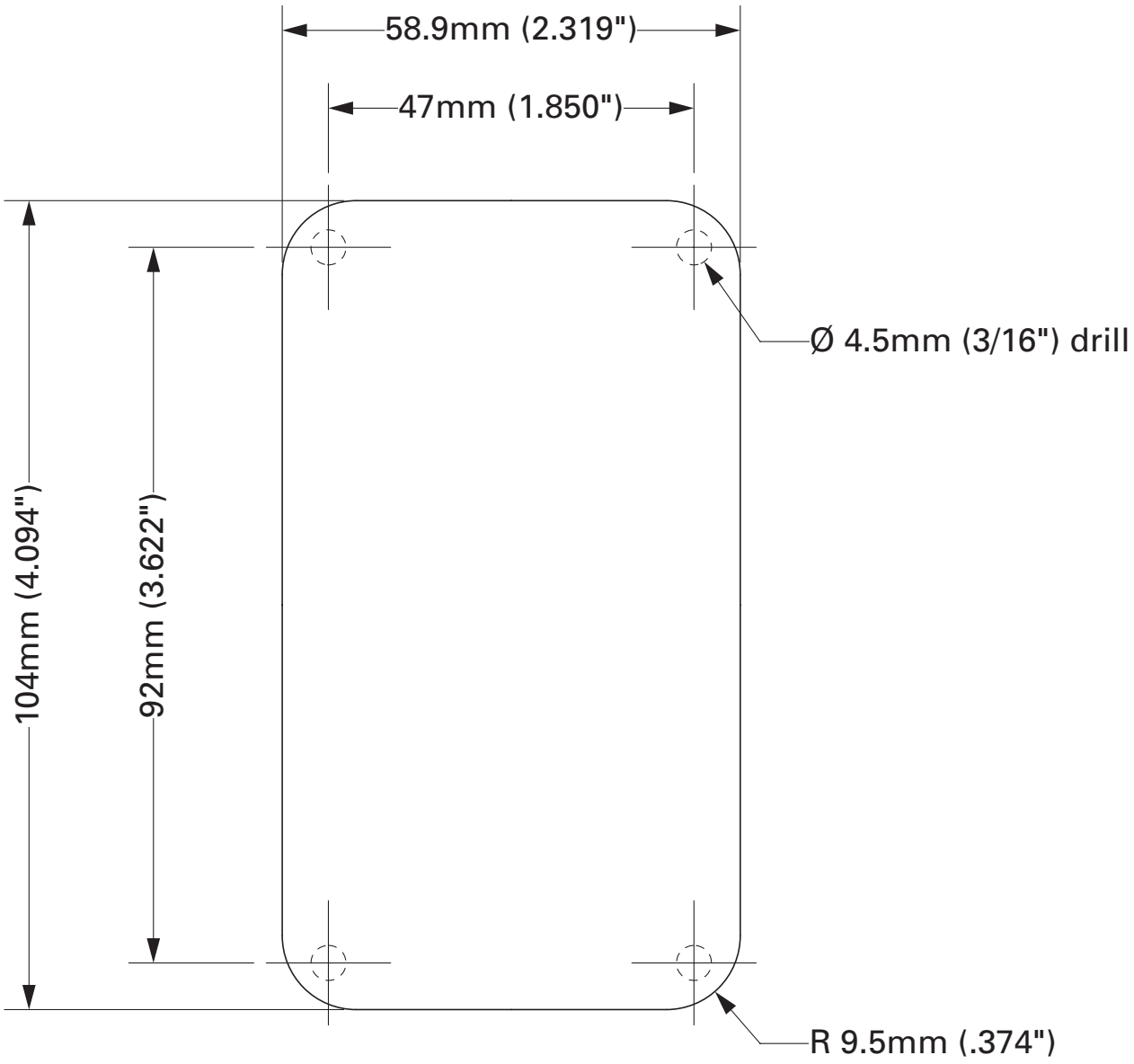


NOTE: CONNECTOR PINOUTS
VIEWED FROM REAR

WEDDLE INDUSTRIES
7200 Hollister Ave, Suite C
Goleta, CA 93117
Ph 805-562-8600 • Fax 805-562-8661
info@weddleindustries.com

Drawing No:	8-AGB5-DM2-WD
Drawing Name:	Seq. Display Wiring Diagram
Drawn By:	J.W. July 13, 2006
Revised:	J.W. August 9, 2006

SEQUENTIAL DISPLAY MODULE 8-AGB5-DM2
MOUNTING TEMPLATE



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7200 Hollister Ave, Suite C
Goleta, CA 93117
Ph 805-562-8600 • Fax 805-562-8661
info@weddleindustries.com

Drawing No:	8-AGB5-DM2-MT
Drawing Name:	Mounting Template for Display
Drawn By:	C.W. June 15, 2006
Revised:	C.W. October 15, 2006