

Overview

The AMS-500 V2 Boost Controller is a time based graph style controller. It has a launch input which is used by transbrake input or clutch input. Both the activation input (which starts time based curve and the launch input can be configured for either 12 volts or a ground.

The kit comes with a 100 psi sensor, solenoids and harness.





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Notice—It is the responsibility of the purchaser to follow all guidelines and safety procedures supplied with this product and any other manufactures product used with the AMS-500. It is also the responsibility of the purchaser to determine compatibility of the AMS-500 with the vehicle and other components.

NLR, LLC assumes no responsibility for damages resulting from accident, improper installation, misuse, abuse, improper operation, lack of reasonable care, or all previously stated reasons due to incompatibility with other manufacturer's products.

NLR, LLC assumes no responsibility or liability for damages incurred from the use of products manufactured or sold by NLR, LLC on vehicles used for competition racing.

NLR, LLC neither recommends nor approves the use of products manufactured or sold by NLR, LLC on vehicles which may be driven on public highways or roads, and assumes no responsibility for damages incurred from such use.

NLR, LLC does not recommend nor condone the use of its products for illegal street racing.

Installation of NLR, LLC products signifies that you have read this document and agree to the terms stated within.

Important Information:

Follow all recommended safety guidelines from this and other manufactures installation guides. Static suppression ignition wires must be used with this unit! Mount the unit as far away from secondary ignition components (coil, ignition wires, etc.) as physically possible.



Configure AMS-500 Operating Mode









Use the "LEFT", "RIGHT" arrow buttons to move through the Graph. To Edit and/or change the Ramp move the cursor to the position to Edit and press the "EDIT" buton.

The editing cursor will appear at the position selected. Using the "UP", "DOWN" arrow buttons adjust the

new pressure setting. Press the "ENTER" button to accept the new setting. Use the "LEFT", "RIGHT" arrow

buttons to move to the next set point. Each cursor position represents 1/10 of a PSI. Press

the "EDIT" button and adjust the target pressure as outlined above. Press "ENTER" to accept the new setting.

NOTE—When the two set points are more than .025 sec apart the Progressive Ramp will be automatically

filled in between the set points.

Press the "MENU" button to Exit and/or Save the new setting(s). From the Menu select Exit and press

"ENTER". You will then be prompted to Save the new settings or Exit without saving.

NOTE—There are several selections available when you pres the "MENU" button.

Please see below

for an explanation of each.

Exit—This selection exits the Graph Editor.

Clear Edit Points—This selection will clear any Edit Points that are set in the Graph Screen. This

does NOT change any Percentage setting, only the Cursor is removed.

View Old Data—This selection will display the Graph that is stored in memory.

Restore Old Data—This selection will restore the Graph settings if any Editing has been done and NOT Saved.

Zoom In—This selection will Zoom the X-Axis in.

Zoom Out—This selection will Zoom the X-Axis out.



Wiring Diagram

Warranty Information

NLR warrants to the original purchaser that the AMS-500 V2 Controller Shall be free from defects in parts and workmanship under normal use for 6 months from the date of purchase.

NLR obligation under this warranty is limited to the repair or replacement of any component found to be defective when returned postpaid to NLR.

The Controller must be returned with evidence of place and date of purchase or warranty will be void. The warranty will not apply if the AMS-500 Controller has been installed incorrectly, repaired, damaged, or tampered with by misuse, negligence or accident.