

MSD **IGNITION** **INSTALLATION INSTRUCTIONS**

MSD Manual Launch Control PN 7751

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Parts Included:

- 1 - Module
- 1 - Mounting Equipment

Note: The MSD CAN-Bus Hub, PN 7740, is required to connect the PN 7751.

Note: The CAN-Bus technology used in the Power Grid Ignition System requires a resistor at both ends in order to function properly. Do not throw away the Resistor cap, PN 7741, that comes attached to the Power Grid System Controller, PN 7730! It should be attached to the pig-tail of the CAN-Bus Hub, PN 7740, when the Hub is used to add modules.

The Manual Launch Control Module, PN 7751, is designed exclusively for use with the Power Grid System Controller, PN 7730. The Module provides racers an easy way to make adjustments to the launch rpm, and the the shift light intensity without connecting a PC. The Module also displays the engine timing.

Mount the Manual Launch Control Module in a position that allows for easy reach and adjustments. Also, make sure the harness of the module reaches the CAN-Bus Hub. Plug the connector from the Launch Module into an available CAN-Bus receptor on the Hub connector.

Note: Do not cut the wires to shorten the harness. If a longer harness is needed, MSD offers extension harnesses (2', PN 7782; 4', PN 7784; 6', PN 7786).

OPERATION

The Launch Module has five basic settings that can each be selected and adjusted using the module's joystick. Push the joystick in (as a button) to select a setting to be edited or to confirm changes after a setting is changed. To scroll through setting options the joystick should be pushed horizontally (left or right). To edit a selected setting, use vertical motions with the joystick. If a setting is selected to be changed and no action is taken in five seconds it will automatically deselect and revert to the setting that was initially programmed.

Multiple Manual Launch Control Modules can be plugged into the same system. If one is desired within reach of the driver and another is to be easily accessible to the crew, both will display real time changes.

Launch RPM: This selection controls the Launch Rev Limiter setting. Using the module the Launch Limiter can be changed in 50 rpm increments from 0-10,000 rpm.

Shift Light: This controls the shift light intensity. The setting is adjustable from 0-100% power 5% at a time.

Timing: This displays the engine's timing as set by the 7730 in real time.* This is a Read Only feature.

Contrast: The screen on the Launch Module can be controlled for easier reading depending on lighting conditions.

Rotate: The screen on the Launch Module can be rotated 180° if needed depending on its mounting position.

***Note:** If the Maximum Timing Reference is not properly set within MSD View the 7730 may read and prescribe incorrect engine timing. Always ensure than the Max Timing Reference matches the timing where the crank trigger is set.

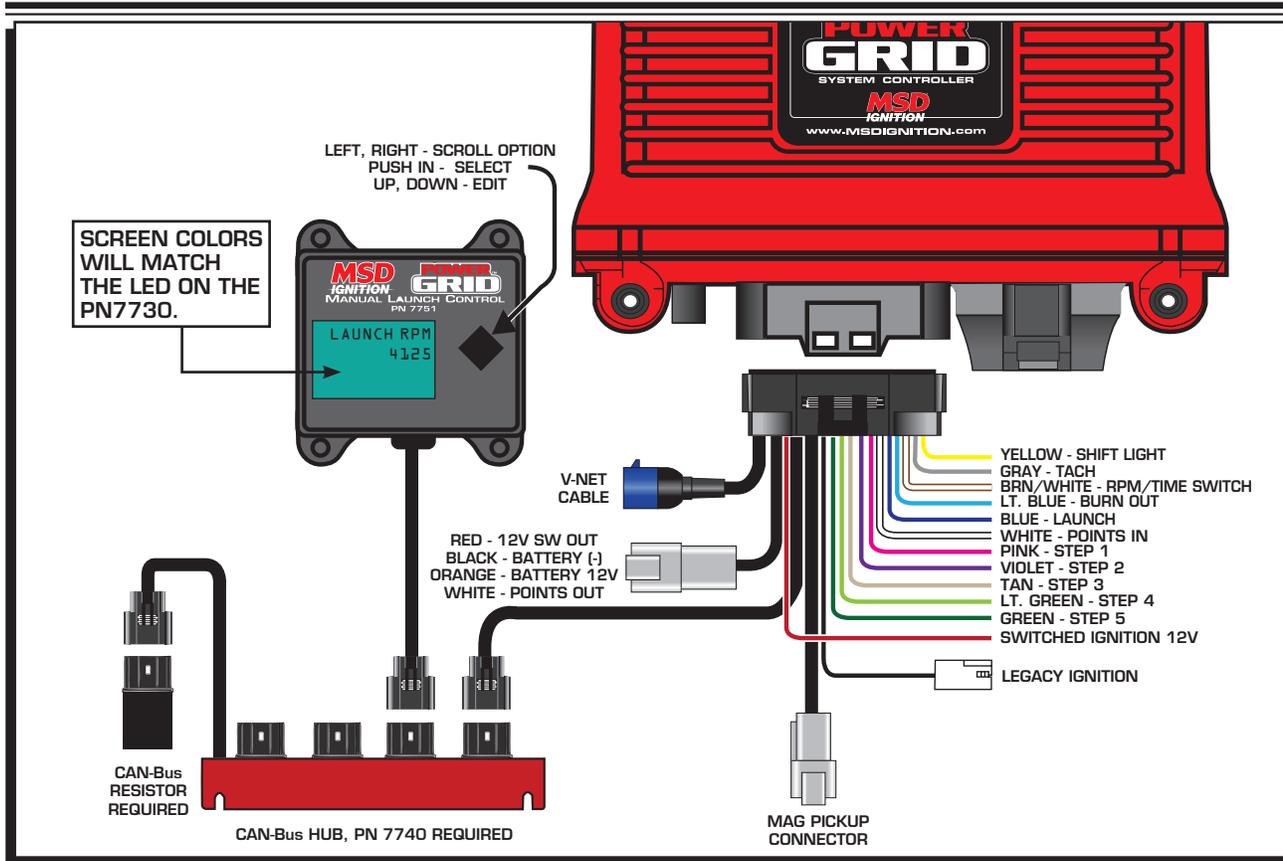


Figure 1 Wiring

Service

In case of malfunction, this MSD component will be repaired free of charge according to the terms of the warranty. When returning MSD components for warranty service, **Proof of Purchase** must be supplied for verification. After the warranty period has expired, repair service is based on a minimum and maximum fee.

All returns must have a Return Material Authorization (RMA) number issued to them before being returned. To obtain an RMA number please contact MSD Customer Service at 1 (888) MSD-7859 or visit our website at www.msdisignition.com/rma to automatically obtain a number and shipping information.

When returning the unit for repair, leave all wires at the length in which you have them installed. Be sure to include a detailed account of any problems experienced, and what components and accessories are installed on the vehicle. The repaired unit will be returned as soon as possible using Ground shipping methods (ground shipping is covered by warranty). For more information, call MSD Ignition at (915) 855-7123. MSD technicians are available from 7:00 a.m. to 5:00 p.m. Monday - Friday (mountain time).

Limited Warranty

MSD IGNITION warrants this product to be free from defects in material and workmanship under its intended normal use*, when properly installed and purchased from an authorized MSD dealer, for a period of one year from the date of the original purchase. This warranty is void for any products purchased through auction websites. If found to be defective as mentioned above, it will be repaired or replaced at the option of MSD Ignition. Any item that is covered under this warranty will be returned free of charge using Ground shipping methods.

This shall constitute the sole remedy of the purchaser and the sole liability of MSD Ignition. To the extent permitted by law, the foregoing is exclusive and in lieu of all other warranties or representation whether expressed or implied, including any implied warranty of merchantability or fitness. In no event shall MSD Ignition or its suppliers be liable for special or consequential damages.

*Intended normal use means that this item is being used as was originally intended and for the original application as sold by MSD Ignition. Any modifications to this item or if it is used on an application other than what MSD Ignition markets the product, the warranty will be void. It is the sole responsibility of the customer to determine that this item will work for the application they are intending. MSD Ignition will accept no liability for custom applications.