INSTALLATION INSTRUCTIONS
Digital Pro Shift System
Level 2 & 3 Gauges and Tubes

QUESTIONS:
If after completely reading these instructions you have questions regarding the operation or installation of your instrument(s), please contact Auto Meter Technical Service at 866-248-6377. You may also email us at service@autometer.com. Additional information can also be found at http://www.autometer.com/tech_faq.aspx

INTRODUCTION
Thank you for your purchase of the Digital Pro Shift System (DPSS) from Auto Meter Products, Inc. The new technology in this product makes it possible to do away with traditional plug-in chips while providing a combination of features only previously available on our larger Shift-Lite and playback tachometers.

The following basic features are included on this product:

- Single precise user-programmable set point
- Quick-reacting, intensely-bright LED shift light
- Multiple shift point settings
- User selectable shift light coloration
- Digital RPM display
- User selectable dimming function
- Color change progressive shift light capability
- Full engine RPM playback capability with 80 secs. of record time (Level 3 only)
- RPM display blanking

Please read and follow the instructions below regarding the installation and operation of your DPSS to receive maximum benefit and accuracy from this product.

Failure to follow the information below will void the product warranty and may result in damage to your vehicle, this product, and/or personal injury.

NOTE:
This product features INTENSELY-BRIGHT LEDS! This feature is intended for maximum driver visibility during daytime operation and high glare situations. Usage of this product at full brightness during nighttime or extremely dark settings may adversely affect a driver’s vision. Auto Meter strongly recommends that you familiarize yourself with the dimming function of this product and that you do not operate the product at full brightness during dim or dark lighting conditions.

INSTALLATION
1. Disconnect the negative (-) battery cable.
2. Gauge can be mounted in a 2 1/4" dia. hole with the bracket supplied. Gauge can also be mounted in an Auto Meter Mounting Cup, Panel, or Auto Meter Gauge Works Pod.
3. Wire gauge as indicated. See schematic or following page for more info:
   - Red Wire: Connect to a fused and switched 12V positive source that is turned on and off with the ignition switch.
   - Black Wire: Connect to a good engine, chassis, or battery ground.
   - Green Wire: Connect to the negative terminal of a standard ignition coil, or to the “Tach Output” terminal on the Electronic Ignition Module. (See diagram)
   - Blue Wire: (Optional) Connect to positive terminal of Trans-Brake or Line Lock Solenoid. Alternatively, connect to the Brake Light Switch, Clutch Switch, or a dedicated Remote Start Switch (normally open, momentary closed).
   - Violet Wire (Level 3 - active only during playback): Connect this wire to the input (green wire) of a standard Auto Meter tachometer.

QUICK SET OPTIONS:
Day/Night Dimming control: This product is extremely bright at the maximum setting for best visibility for drivers during high glare situations. Auto Meter does not recommend operating this product at full brightness during extremely dark or night time driving conditions. To adjust this product from the daytime or “High” brightness setting to the nighttime or “Low” brightness setting do the following:
- Press and hold the MENU (+) button for 2 seconds. The shift light will display the new brightness level and the display will indicate what mode you are changing into with “Hi” or “Lo”.

Preset Mode Quick Set: To quickly activate the preset mode required for the start of the multi-stage shift light function and recording function. Press the EXIT (-) button. The right-most decimal should now be blinking indicating that the unit is in Preset Mode and awaiting the appropriate trigger to start the multi-stage shift light function and/or recording process.

Launch RPM Quick Set – If you need to change your Launch Setting quickly, do so when the vehicle engine is running and the Digital Pro Shift is in “Tach Mode” by raising the engine RPM until you have reached the desired set point. Press the ENTER button to confirm your new Launch Setting. You should see the Decimal indicator flash quickly to confirm.

Remove RPM Display – Sometimes fewer distractions are better for a driver. If you want to be able to focus on just the shift light when you’re making a performance run and don’t want to be distracted by the digital RPM display, you can disable the display function. To turn on/off the display function, from “Tach Mode,” press and hold the ENTER button for 2 seconds. The display will indicate “on” or “off” to indicate which mode you will be changing to.

NOTE: This function only takes affect in all modes. The Shift-Lite LEDS and the “Preset/Record” indicator LED will be the only active elements on the display.

WARNING
Warranty will be void if connected to coil when using an aftermarket ignition box such as, but not limited to products from the following manufacturers: MSD, Crane, Jacobs, Mallory, Holley, Etc.. Prior to installation of your tachometer, check with the ignition box manufacturer for recommended tachometer signal location.
6. **Shift Per Revolution Set (CyL. CALIBRATION)** –

   - **P)** Enter to confirm your choice and return to Menu Mode.

5. **J) Peak Recall** – The DPSS features a “peak” feature to recall the highest RPM reached during a particular run. Scroll through the Menu Mode until the display reads “PEAC” then press ENTER. This will display the highest RPM achieved. To clear the peak press MODE (4).

4. **I) Progressive Shift Light Set** – The progressive shift light feature of this product enables a color change and blink feature to alert the driver of the appropriate time to shift. To adjust this setting enter set your menu to Level 2, and press MODE (4) until “PSL” is displayed, then press ENTER to confirm your choice. Use the MODE (+) and MODE (-) buttons to adjust the percentage of the current shift point set that you would like the progressive early warning color to activate. The factory programmed preset for this point is 60%. This entry may be set as low as 10% of the current shift point or as high as 100%. Setting this feature to 10% disables the blinking yellow light feature of the progressive shift light function. Once you have selected the desired value, press ENTER to confirm.

3. **H) Shift Light Brightness Set** – The shift light brightness setting can be set lower than 40 levels below the High setting. Setting this feature to the lowest level does not disable the Low shift light function. Once you have selected the desired value, press ENTER to confirm.

2. **G) Shift Light Color Set** – To adjust the color of the light on your Level 2 or 3 product, press the MODE (+) button until “CoLt” is displayed, then press ENTER to confirm your choice. If this is your first time selecting the color, your factory programmed preset is RED. When you enter “CoLt” from the menu, the display should indicate “1” and the shift light should illuminate RED. Use the MODE (+) and MODE (-) buttons to cycle up and down the color choices. Use the chart below for your reference.

1. **F) Pulse Per Revolution Set (CYL. CALIBRATION)** – Use this feature to calibrate your Digital Pro Shift System to your engine and ignition type.

   1. **G) Shift Light Color Set** – To adjust the color of the light on your Level 2 or 3 product, press the MODE (+) button until “CoLt” is displayed, then press ENTER to confirm your choice.

   2. **If this is your first time selecting the color, your factory programmed preset is RED. When you enter “CoLt” from the menu, the display should indicate “1” and the shift light should illuminate RED. Use the MODE (+) and MODE (-) buttons to cycle up and down the color choices. Use the chart below for your reference.

**SERVICES**

For service your product to Auto Meter in a well packed shipping carton. Please include a note explaining what the problem is along with your phone number. Please specify if you need your product back. If you need it back as soon as possible mark the outside of the box “RUSH REFUN.” and Auto Meter will service your product within 30 days after receiving your order. ($10.00 charge will be added to the cost of “RUSH REFUN.”). If you are sending product back for warranty adjustment, you must include a copy (or original) of your sales receipt from the place of purchase.