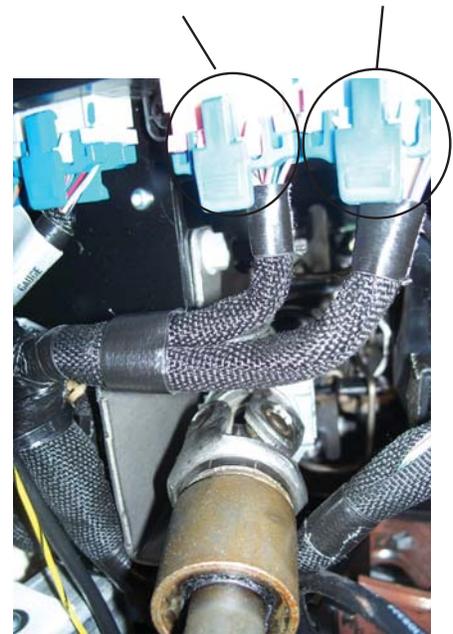


*As we begin, it is important to note that these instructions are basic and generalized for the Ford GT. Each GT is slightly different and may require additional steps or actions. Please make sure you are comfortable and capable with the removal/replacement steps as listed below. Note that a couple of the harder steps are right up front (disconnecting the harnesses), so if you can get past these, you are on your way!*

1. Disconnect the negative terminal on the battery.
2. Disconnect the instrument cluster harness connectors. Working in the drivers side foot well, look at the highest connectors above the driver's side kick panel. You will see a larger harness that splits into two connectors. Disconnect both connectors. See picture.
3. Also securing the harness in place is a nylon press-in fastener. Unfasten this tie down point to allow the harness to move more freely. Push up on the harness to make sure that it is not caught on anything.
4. In preparation for the gauge panel removal, use plenty of blue protective tape to prevent scratches on steering wheel and gauge binnacle. Lower the steering wheel to lowest setting.



5. With everything taped and a cloth on the steering column to protect, you are ready to remove the instrument panel. Use a small torx screwdriver to carefully remove all of the screws in the face of the panel. With the screws removed, grasp the perimeter of the water temp gauge and try to pull it forward. The left side of the cluster needs to come out first. The speedometer will come out last. Be patient and take your time. It helps to slightly press up on the roof of the binnacle with your knuckles as you pull the panel forward. Eventually you will be able to work the cluster out of the binnacle.

6. Lay cluster face down on the towel. Note in almost all cases you will not be able to completely remove the cluster from the car, as you will not be able to clear the gauge connectors.



### Single/multiple gauge installation steps

7. It is in this position that a single or multiple gauges can be replaced without taking the entire cluster out of the car. You will likely need to remove a couple of nylon ties. Carefully note the position so you can replace them with new ties.

8. Reverse this procedure to re-install instrument cluster back into dash. Remember to start with Speedometer end first. Refer to the next section for more detailed instructions on re-installation if necessary.

### Replace entire dash installation steps

9. To remove the panel from the car completely, you will need to clip the nylon zip ties and unplug each gauge and display LCD panels from the main dash wiring harness. Be sure to note plug positions with digital photos and/or marking paint to insure proper reassembly.



Installation of your NEW Speedhut GT gauges.

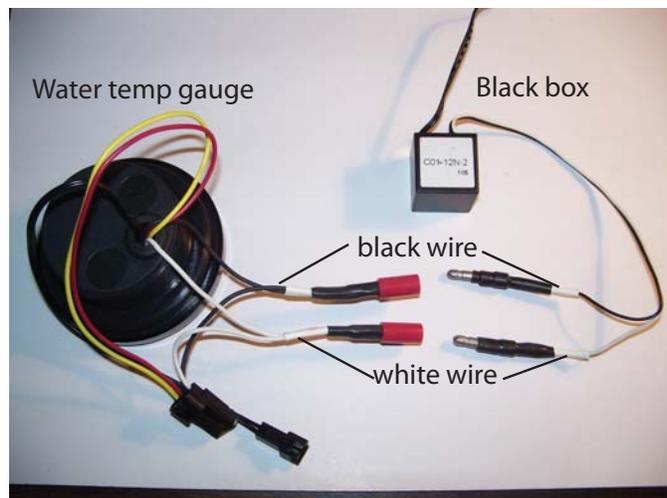
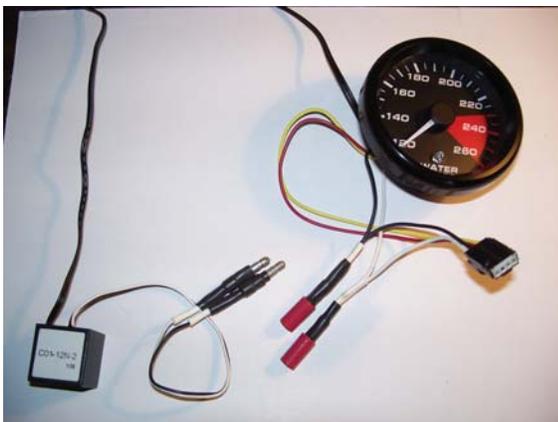
10. Your Speedhut dash cluster arrives with all the gauges installed. There are a couple differences between the factory dash and your new gauges that will be explained below.

11. Remove and install your LCD displays on the new dash insert. Be careful not to over tighten.

12. The new speedhut gauges utilize AC voltage to light up the dial backgrounds. Included in the kit is a small black box with wires. This small black box converts the DC voltage to AC voltage which then feeds into each gauge to light up the dial background. The pointer lighting receives its power from the main power plug.

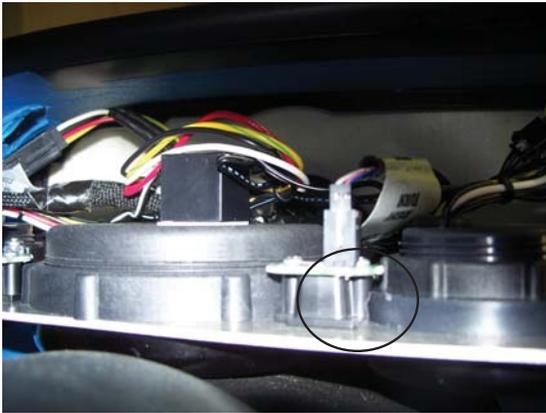
We have found the most convenient place to locate this small black box is on the back of the tachometer case using 3M double stick tape. The inverter can then be spliced into the temperature gauge wiring to receive +12Volts (white wire) and ground (black wire)

Use included splices to make the connections. See pictures below.



Minor modifications necessary to aid in the installation

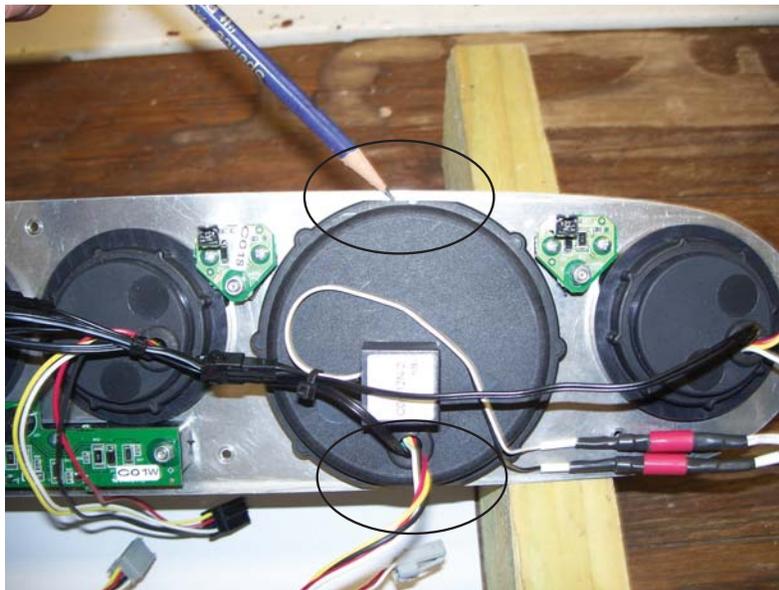
There are several small clearance areas that will require slight modifications to help install the gauges back into the car. See steps below.



13. The right turn signal could interfere with adjacent spacer ring. Use a dremel tool to remove material off the spacer ring. Very minimal material removal is all that is necessary.



14. The fuel level gauge spacer ring will need to be modified with a dremel tool to give clearance for the odometer display.



15. The top and bottom of the tachometer spin ring will require modification to help clear the binnacle housing.

### Check your boost gauge zero

1. Temporary reconnect your negative battery terminal.
2. Plug ONLY your boost gauge into the dash connector and turn your key ON. DO NOT START ENGINE. Make sure boost gauge moves to the 0 psi position. Turn the key off. If boost gauge is NOT at 0 psi continue steps below to re-zero the gauge. If the gauge is at 0 psi - disconnect negative battery terminal.

Follow step below ONLY if gauge is NOT in 0 box.

3. Plug the included button into the port on the back of boost gauge.
4. Make sure the key is still in the ON position(boost gauge receiving power) and ENGINE IS NOT STARTED. Press and hold the button down to move pointer to 0 psi.
5. Release the button and gauge will save the new reading after a few seconds.
6. Unplug the button from the back of boost gauge. NOTE: This is ONLY required on new installation. You should never need to adjust this again. Disconnect the negative battery terminal and continue below.

### Panel installation

16. Installation is basically the reverse of the panel removal. Care must be taken to insure the GT's dash wiring harness remains behind and clear of the panel mounting points on the dash binnacle to insure that the wires are not pinched or cut during installation. Use caution not to create too much tension on the turn signal indicator wires when positioning the dash panel for reinstallation.

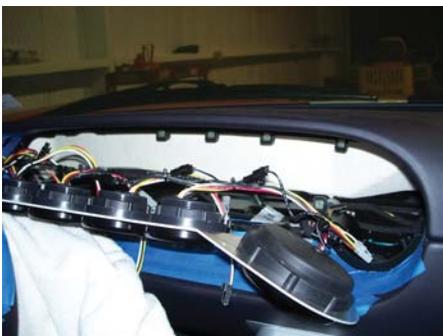
17. Plug each of the gauges back into their corresponding connectors in the dash.

18. Start with the speedometer end first and rotate the panel into position. Take your time and make sure there is not any interferences. Do not force the panel. It will take some time, but will work into place. Be very careful that the wires are free and not trapped or cut as you do this.

19. Reinstall 2 torx screws at opposite end of dash. Lightly tighten.

20. Re-connect main dash multi pin connectors located under drivers foot well.

21. Reinstall remaining hardware and tighten all torx screws. Your Done! Enjoy your new gauges.



## Tachometer set shift point.

One of the most exciting features of the Ford GT tachometer is the integrated shift LED's in the dial. This new technology lets you anticipate the next shift point by displaying 3 yellow warning LED's before reaching the set shift point Red #1 LED. The span between the LED's can also be set. Red #2 is an over-shift light that blinks if you exceed the set shift point by the set span value. If, for any reason you miss a shift and over-shoot your shift point this light will blink.

The following procedures can be done at any time during operation of the tachometer while the tachometer has power.

### Shift point set

Red #1 is set shift point. The 3 Yellow LEDs will turn on before the set shift point by the amount of span selected.

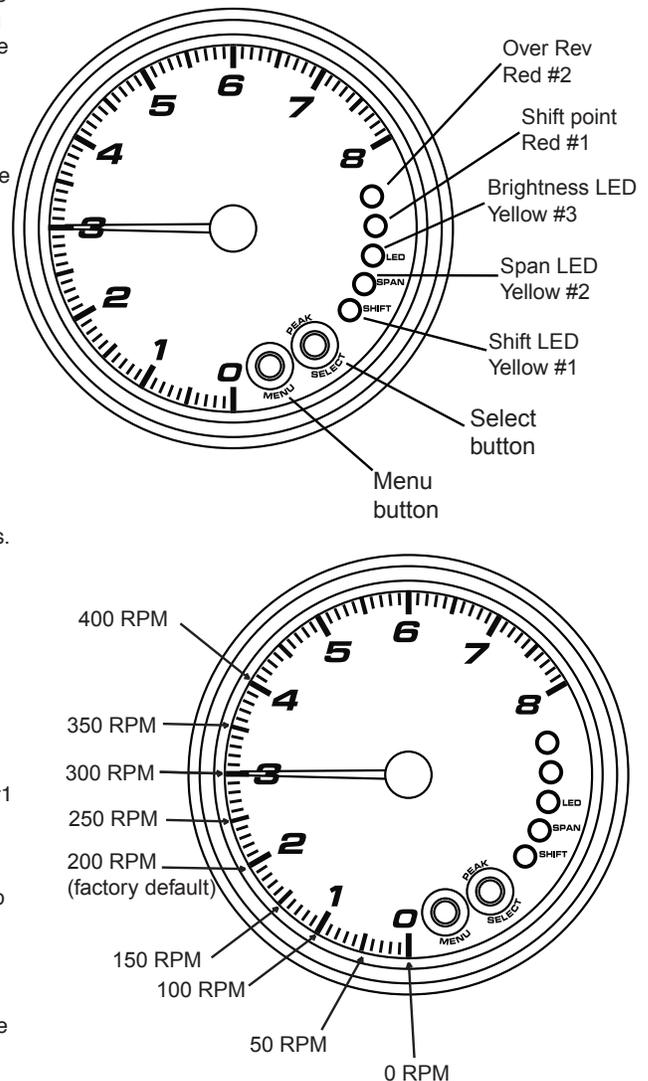
1. Press and release the 'menu' button until the 'shift point' LED is lit.  
Press and hold the 'Select' button to increase RPM shift point.  
Press and hold the 'Menu' button to decrease RPM shift point.  
After the desired shift point is reached, release the buttons for 2 seconds. The 'shift point' LED will blink 2 times to confirm the new set shift point.

### Shift RPM Span set

The shift span is the RPM between the LEDs. (See fig. #6). Setting a span of '0' RPM will turn on all 5 LEDs at the set shift point. Setting a maximum span of 400 RPM (see fig. #6) will turn on the next LED after 400 RPM of previous LED.

- Example: shift point set at 6500, span set at 200 RPM.  
Yellow #1 will light at 5900, Yellow #2 at 6100, Yellow #3 at 6300, Red #1 (shift point) at 6500, finally Red #2 will blink at 6700 RPM.
1. Press and release the 'menu' button until the 'span' LED is lit.  
Press and hold the 'select' button. The 'span' LED will blink once to indicate you have selected the RPM span point.
  3. Set RPM span.  
Press and hold the 'select' button to increase RPM span.  
Press and hold 'Menu' button to decrease RPM span.  
After the desired span is reached, release the buttons for 2 seconds. The 'span' LED will blink 2 times to confirm the new RPM span.

Note: if you select 0 RPM then all LED's will light at the same time at the shift point.



## Set your LED brightness for both day and night.

To set the LED brightness, press and release the 'menu' button until the 'LED' is lit. Press and release the 'select' button. Press and release the 'select' button to increase brightness. Press and release the 'menu' button to decrease brightness. After a 2 second delay, the 'LED' will blink to indicate the setting has been saved.

Speedhut would like to give a special thank you to 'mardyn' on Ford GT forum for helping us greatly with this project. Also, Cool Tech LLC ([www.cooltechllc.com](http://www.cooltechllc.com)) for helping us with instructions. Thanks guys!

**WARRANTY** - Speedhut Inc. warrants to the consumer for a period of 5 years from the date of purchase that this product will be free from defects in materials or workmanship. Speedhut warrants to the consumer for a "LIFE-TIME" that the product circuit board will be free from defects in materials or workmanship. This warranty is limited to the repair or replacement of Speedhut Inc products. Speedhut Inc is not responsible for special, incidental or consequential damages or costs incurred due to the failure of this product. Modification to the product, improper use or installation, accident, water damage, abuse, unauthorized repairs or alterations voids this warranty. Speedhut Inc disclaims any liability for consequential damages due to breach of any written or implied warranty on all products manufactured by Speedhut Inc. Please contact Speedhut Customer Support If you have a problem with this product | [support@speedhut.com](mailto:support@speedhut.com) | 801-221-1460 (9am - 5pm MST)