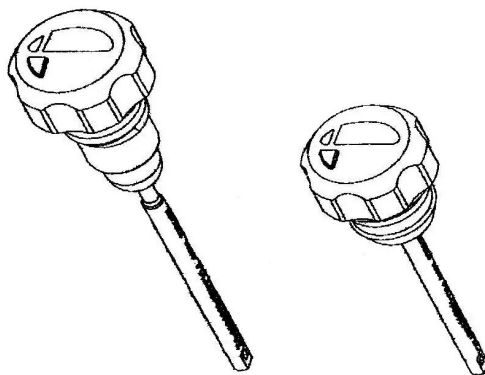


V-Twin Mfg.
Hex Head Oil Temperature Dipstick W/LCD
Fits 2007-up ST Models
VT Part No. 40-0887

This is a custom application and rider safety depends on proper installation. This product should only be installed by a knowledgeable and trained motorcycle technician. V-Twin Mfg. accepts no responsibility for improper installation.

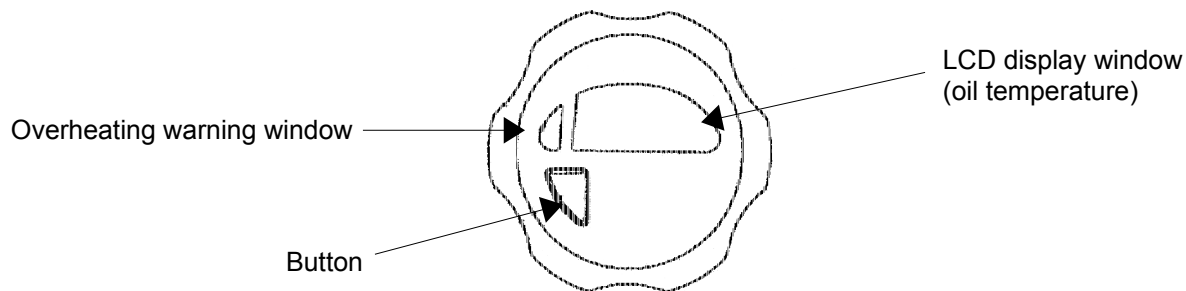
Installation Instructions:

1. Remove stock oil dipstick.
2. Install LCD oil dipstick assembly.



Button Operation:

1. Displaying the oil temperature: Press and release the rubber button on the front face to display the temperature of the oil in the oil tank in degrees Fahrenheit or Celsius. The display will automatically shut off after 5 seconds.
2. Extended viewing: While temperature is displayed, press the button twice in rapid sequence to have the display remain on for an extended time. The display will automatically shut off after about 10 minutes. To manually shut off the display sooner, press the button once. It shuts off after 5 seconds.
3. Changing the display mode: The display can be changed to read in degrees Centigrade (C) by pressing and holding the button in for approximately 3 seconds, then releasing the button. From then on, pressing and releasing the button will display the temperature in "°C". Changing back to "°F" display in the same way.



Temperature setting of Overheat warning light:

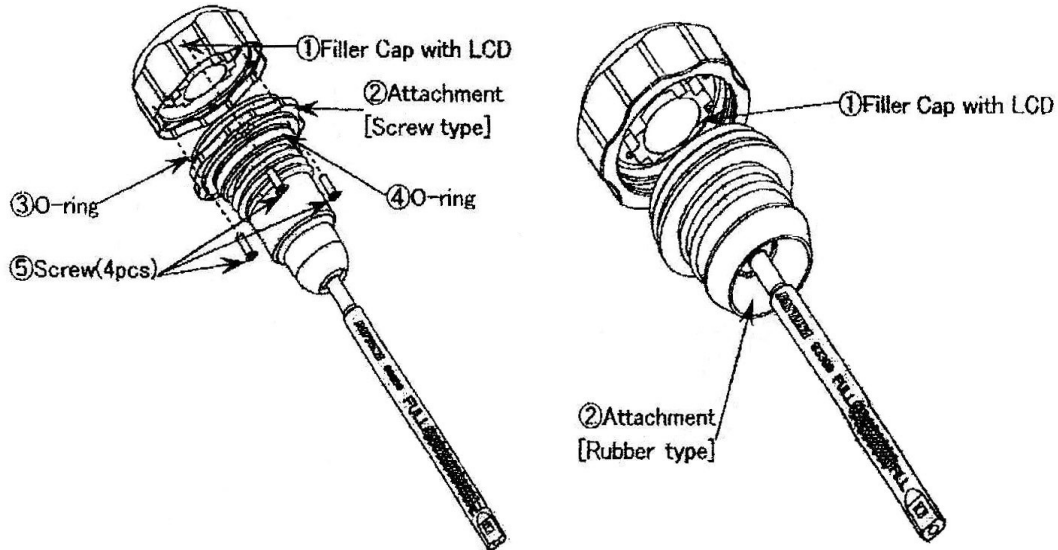
For overheat warning, the red light starts blinking in the smaller window. The adjustable range is 212-390° F or 100-199° C.

1. Press the button three times within two seconds while readout is on.
2. The readout is turned to setup mode and the third digit of the last setting flashes.
3. While the third digit is flashing, press the button to increase the third digit.
4. After the third digit has been confirmed by pressing the button three seconds, go to the second digit setting, and then the second digit of the last setting flashes.
5. Repeat the same setting operation.
6. After the first digit has been confirmed by pressing the button three seconds, then the readout shows all the set-up three digit for about three seconds, then it goes back to the normal operation mode automatically.

Battery Replacement:

Use new CR2032 Lithium battery or equivalent when changing the battery. *Be extremely careful when separating the upper and lower display body assemblies.

1. Remove four #5 screws. (Only for Screw type)
2. #1 Filler Cap with LCD and #2 attachment are separately divided. Please detach #2 attachment of rubber type while pushing the maximum diameter part.
3. Remove the sensor harness connector from the circuit board connector.
4. Remove the battery.
5. Install the new one with the positive (+) side facing outside.
6. Assemble #1 and #2.
7. Install four #5 Screws. (Only for Screw type) Be sure to tighten four screws evenly.



Display errors:

"-22° F" or "-30° C" error code will display to indicate a disconnected or broken wire. When the power of battery falls below 2.0V, blue back light will turn darker than usual.

Adjusting the LCD display angle (Screw type only)

When the LCD oil temperature dipstick is first installed and fully seated, the display should be oriented parallel to the vehicle for easy readout. In the event that the display is rotated to an unsuitable viewing angle, follow these steps: Adjusting the LCD display angle is possible at intervals of 60°.

*Be extremely careful when separating the upper and lower display body assemblies.

1. Remove four #5 screws.
2. Install LCD dipstick assembly once.
3. #1 Filler Cap with LCD and #2 Attachment are separately divided.
4. Rotate to the position in which #1 Filler Cap with LCD can be seen easily.
5. #1 Filler Cap with LCD is inserted in #2 attachment.
6. Remove LCD dipstick assembly.
7. Install four #5 Screws.
8. Install LCD dipstick assembly.