

Dipstick Transmission Temperature Sensor

If you're installing the temperature sensor on the transmission dipstick, there is clearance in the dipstick tube to simply attach the 399 DS dipstick sending probe/wires with nylon wire ties to the transmission dipstick. Below are some tips for installing the Westach 399 DS sending probe for transmission oil sensing.

- Test fit your 399 DS sending probe/wires and dipstick in the dipstick tube.
- Test fit OK? Drill a small hole in the top of the dipstick cover, and fish the wires through the hole.
- Epoxy over the hole/wires.
- Simply nylon tie wrap the sending probe/wires to the dipstick. Another suggested method of securing the wires to the dipstick is the use of electrical heat-shrink tubing. Whether you use nylon tie-wraps or tubing, we suggest a 1.5" gap from the bottom of the tip to the first tie wrap. This eliminates concern of "tie wrap melting."

(Note: If the tie wrap were to melt, you've likely "melted" the transmission too. Additionally, if a tie-wrap were to come loose/break, it simply falls to the bottom of the pan. The tie-wrap is too large to pass through the filter and causes no harm laying in the pan.)

Wiring

To allow you to remove the dipstick without a mile of additional wiring, we have supplied a wiring disconnect assembly from Radio Shack. You may want to use the disconnect at your dipstick to allow for easy dipstick removal. Below are some tips for the disconnect installation.

- Clip the Quick-Disconnect wires so there are two separate plugs and ends.
- Solder the black disconnect wire to one of the Westach 399 DS wires.
- Solder the red disconnect wire to the other Westach 399 DS wire.
- Connect the disconnect plugs to one another. This will give you two un-terminated wires.
- Attach the black wire to a good ground.
- The red wire will have to pass through the firewall opening and eventually connect to position number 2 on the Westach gauge (represented by a green wire on their three-color wiring harness). You will have to extend this wire.

Finally, reference the Westach instructions. You'll need ignition-on 12-volt power to PIN 4 (+) and ground on PIN 5 (-).

See Diagram on Next Page ►



If you need more assistance, we are only a phone call away.

(770) 886-2500

Monday-Friday
8:00am-7:00pm EST

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Installation: Temperature Gauge

