

INTELLISTICK ANALYZER WIRING TABLE

Red	Black	Brown	Yellow
Power (12 or 24V)	Ground	Gauge Channel - L	Gauge Channel - H

ANALYZER INSTALLATION

1. Power the analyzer from a 12 or 24V volt DC power source. (Red and black wires)
2. The gauge communicates with the IntelliStick with the brown and yellow wires.

GAUGE WIRING TABLE

Red	Black	Brown	Yellow
Power (12 or 24V)	Ground	Gauge Channel - L	Gauge Channel - H

GAUGE INSTALLATION

1. Mount the gauge in a suitable location
2. Power the gauge from a 12 or 24V volt DC power source. (Red and black wires)
3. Connect the gauge to the IntelliStick – Brown to brown, Yellow to Yellow.

VISUAL INDICATORS

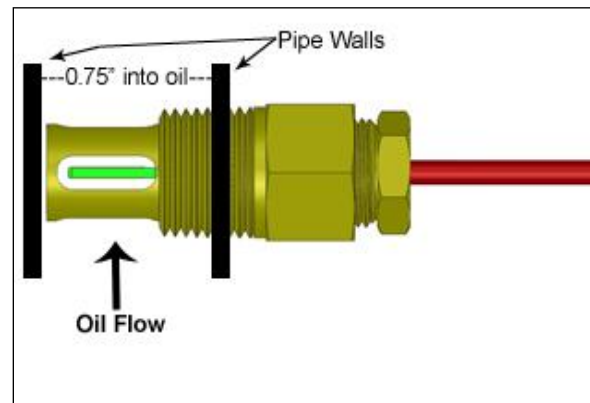
The gauge has 2 LED lights and a 3 digit display. The oil temperature is displayed on the 3-digit display. The yellow Level LED will light when the IntelliStick detects that the oil level has dropped below the bottom of the sensor. The red Intrusion LED indicates water or coolant was detected in the oil.

THREADED SENSOR INSTALLATION

1. Sensor is ½-inch NPT threaded.
2. A suitable installation location gets oil flow and allows the sensor to be approximately 0.75” into the oil flow.
3. Coat the threads in either thread sealant or thread tape.
4. Shut down flow of oil to the location before installing.
5. Connect the threaded sensor probe to the **BLACK** leg of the Y-harness. (Yellow is only used when two probes are connected)

Note: Sensor **MUST** be in oil flow. It will not read correctly if oil is stagnant in the sensor region.

P200 SENSOR SPECIFICATIONS	
½” NPT Male Thread – brass	
Extends 0.75” into the oil space	
Maximum oil pressure	80 psi
Oil temperature range	-20C to 150C (-5F to 300F)
External environmental sealing	IP68
Standard sensor cable length	6 ft
Maximum sensor cable run	30 ft



DIPSTICK PROBE INSTALLATION

OBJECTIVE: To install the IntelliStick dipstick sensor just above the add level in order to detect the need to add oil and to illuminate the signal light when oil level becomes low.

1. Carefully line up the bottom of the sensor opening on the IntelliStick probe with the LOW mark of the original OEM dipstick (Figure 1)
2. Straighten the IntelliStick wire and move the stopper along the cable to line it up with the same stop on the original dipstick (Figure 2). Secure the stopper to the cable by tightening the set screw to maintain the alignment. *DO NOT over-tighten the set screw to avoid damaging the cable.*
3. Insert the IntelliStick probe into the dipstick tube and make sure the stopper is secure on top of the dipstick tube.

Note: In some cases, the dipstick tube may be too narrow or too curved for the probe to reach the oil pan. Do not force it into the dip tube. In such cases, please call IntelliStick Customer Service for additional assistance and advice.

Note: Store the original OEM dipstick in a safe place; it is used for checking oil level when new oil is put into the vehicle.

4. Connect the dipstick probe to the **YELLOW** leg of the Y-harness.

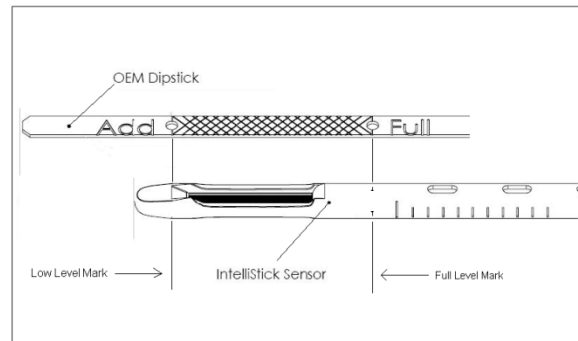


Figure 1

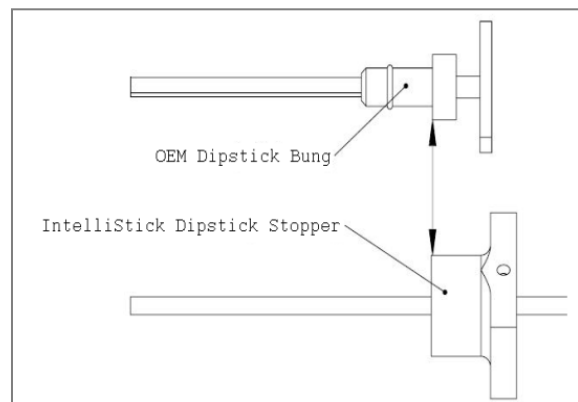
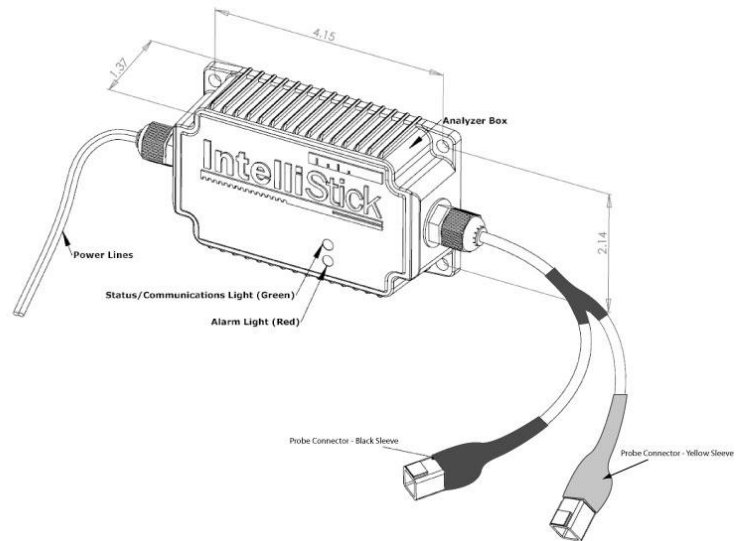


Figure 2

A135 ANALYZER SPECIFICATIONS

Power requirements	
Voltage	9-30 V dc
Current	Max 100mA (typical 20mA)
Environmental	
Temperature	-30C to 85C (-30F to 185F)
Environmental sealing	IP54



WARRANTY SERVICE

To obtain warranty service, the customer must return the product or the defective part(s) to the Company at the following address, appropriately packed, along with a dated proof of purchase, before the end of the warranty period:

IntelliStick, Inc.
2961 W. MacArthur Blvd
Santa Ana, California. 92704
U.S.A.

Prior to shipping the product or defective part(s), the customer must call 1-888-812-5988 to request a Return Material Authorization (RMA) and must include the RMA number and a description of the problem along with the returned product or part.

IntelliStick will use commercially reasonable efforts to repair or replace within 30 days of receipt.

TECHNICAL SUPPORT SERVICES

If you need additional information during Installation or normal use of this product, visit our product support web site at www.intellistick.com

Contact customer support at: 888-812-5988 or 949-955-2721

Download instruction manual and analysis software at: intellistick.com/support/downloads

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