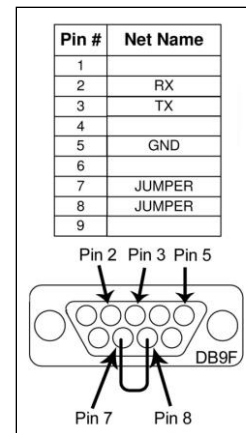


INTELLISTICK ANALYZER WIRING TABLE

Red	Black	Green	White	Blue	Brown	Yellow
Power (12 or 24V)	Ground	RS232 TX	RS232 RX	RS232 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 RS232 wires connect to a PC or telemetry communications. To connect to a PC, use a DB9 Female connector with pin 5 to blue (GND), pin 3 to white (unit RX) and pin 2 to green (unit TX)
3. 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 is NOT used by the IntelliStick Quick Alert.

DIPSTICK PROBE INSTALLATION

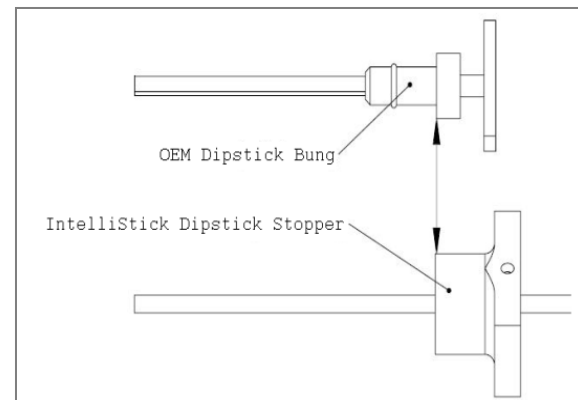
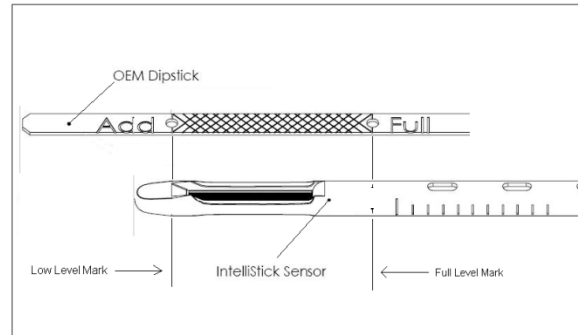
OBJECTIVE: To install the IntelliStick dipstick sensor just above the add level in order to detect the need to add oil and to illuminate the signal light when oil level becomes low.

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 **BLACK** leg of the Y-harness.

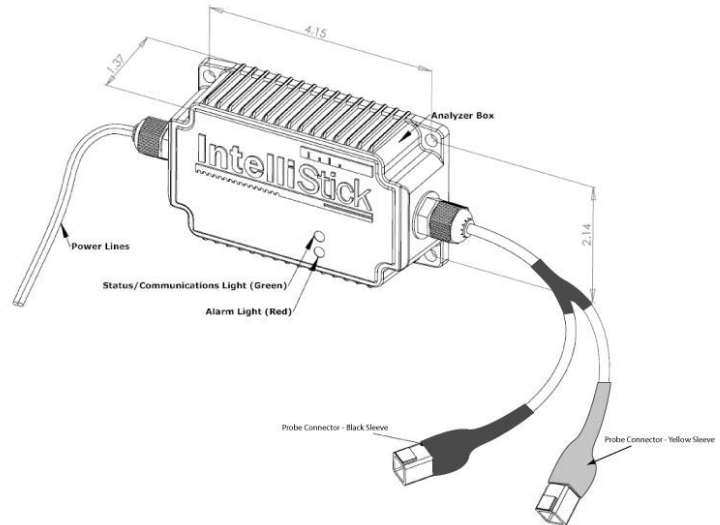


Quick Installation Guide

QUICK ALERT RS With Gauge

A135 ANALYZER SPECIFICATIONS

Power requirements	
Voltage	9-30 V dc
Current	Max 100mA (typical 20mA)
Environmental	
Temperature	-20C to 85C (-4F 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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