

Danin/DiPricol Wiring Kit (Instructions)

Tools Recommended

Crimper

Wire Stripper

Socket or Wrench to connect ground

Pliers to press Scotchlok connectors

Flat Screwdriver

Parts List

Scotchlok [™] (Red) T-Tap Disconnect Terminal - Qty Two (2)

Disconnects (Blue) Male Plugs - Qty Two (2)

Disconnects (Blue) Female Plugs - Qty Two (1)

Ring (Blue) Terminal - Qty Two (1)

Butt (Blue) Connectors - Qty Two (2)

Butt (Red) Connectors - Qty Two (2)

Zip Ties - Qty Two (5)

Blue Wire (Use for Transmission Sensor signal) – 8ft

Red Wire (Use for +12V) – 4ft

Black Wire (Use for Ground) – 4ft

Green Wire (Use to power the LED's) – 4ft

Dimmer – (Purchased Separately)



Provided connectors

Instructions

Refer to the Danin/DiPricol wiring diagram provided to identify the type of connectors, colors, and numbers. This will make the install much easier and faster.

1. Remove all the connectors from the gauges.
2. (+12V):
 - a. Connect the Red wire from the Pyrometer (EGT) connector #2 and the Red wire from the Transmission connector #2 to one side of one of the Red Butt connector, and crimp that side.
 - b. Strip about ¼" from the end of the provided Red Wire and insert to the other end of the Red Butt connector, and crimp.
 - c. Strip about ¼" from the end of the provided Red Wire and insert in one of the Male (Blue) Disconnects and crimp.
 - d. Once installation and assembly is complete, connect the Male (Blue) Disconnect to the Scotchlok connector which is crimped to a +12V source.
3. (Oil Temperature Sensor):
 - a. Connect Blue wire from the Transmission connector #3 to one side of the second the Red Butt connector, and crimp that side.
 - b. Strip about ¼" from the end of the provided Blue Wire and insert to the other end of the Red Butt connector, and crimp.
 - c. Once you run the Blue wire to the sending unit, and cut to fit; Strip about ¼" from the end insert in the Female (Blue) Disconnects and crimp.
 - d. Once installation and assembly is complete, connect the female (Blue) Disconnect to the Oil temperature Sensor.
4. (Ground – LED's and Gauges):
 - a. Insert all 3 Grey wires from Gauge connectors (#2 Oil Gauge, #6 Pyrometer, and #1 Boost) to one side of the supplied Blue Butt connector, and crimp.
 - b. Strip about ¼" from the end of the provided Black Wire and join with the remaining 2 Black wires from the gauge connectors (#5 Oil Gauge, and #1 Pyrometer), and then insert to the other end of the Blue Butt connector, and crimp.
 - c. Strip about ¼" from the end of the provided Black Wire and insert in one of the Ring (Blue) terminal and crimp.
 - d. Once installation and assembly is complete, connect the Ring (Blue) Terminal to a Ground source.
5. (LED – 12V Source):
 - a. Insert all 3 White wires from Gauge connectors (#1 Oil Gauge, #5 Pyrometer, and #2 Boost) to one side of the supplied Blue Butt connector, and crimp.
 - b. Strip about ¼" from the end of the provided Green Wire, and then insert to the other end of the Blue Butt connector, and crimp.
 - c. Strip about ¼" from the end of the provided Green Wire and insert in one of the Male (Blue) Disconnects and crimp.
 - d. Once installation and assembly is complete, connect the Male (Blue) Disconnect to the Scotchlok connector which is crimped to Factory Gauges light source.
6. Finish your installation and zip tie all loose wires.

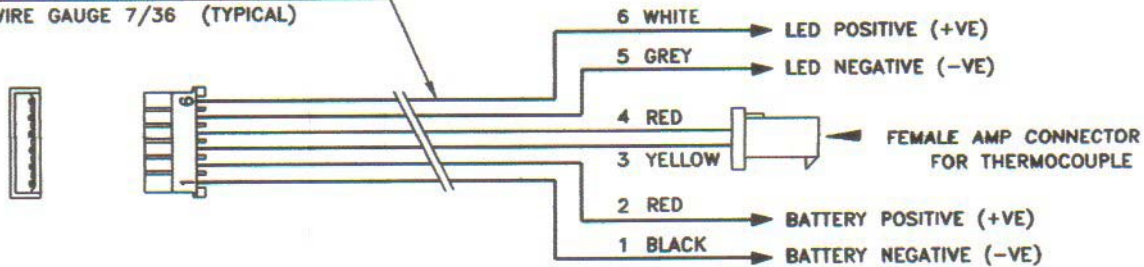
DANIN/PRICOL

WIRING DIAGRAMS FOR MATING CONNECTORS USED ON "OPTIX" SERIES GAUGES

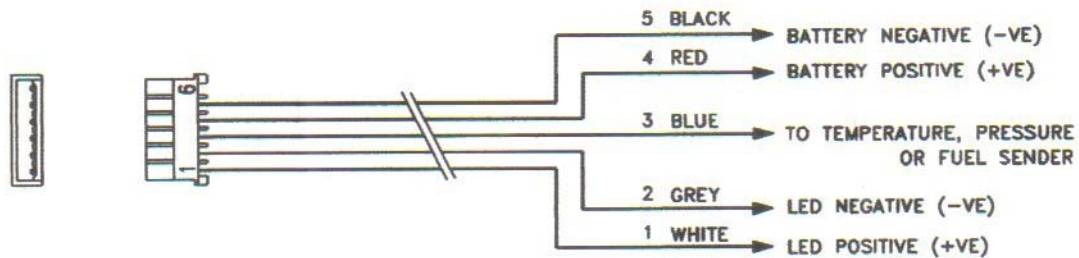
"OPTIX" SERIES GAUGES ARE DESIGNED WITH MALE MOLEX CONNECTORS BUILT RIGHT INTO THE GAUGE. A FEMALE MATING CONNECTOR WITH 12" LONG LEADS IS SUPPLIED WITH EACH GAUGE.

FOLLOW THE WIRING DIAGRAMS SHOWN BELOW FOR THESE FEMALE MATING CONNECTORS.

DIA OVER INSULATION : 0.02" / 0.031"
WIRE GAUGE 7/36 (TYPICAL)



6 PIN FEMALE MOLEX CONNECTOR USED FOR STEPPER MOTOR PYROMETER CONNECTIONS



6 PIN FEMALE MOLEX CONNECTORS USED FOR ALL ELECTRICAL GAUGES



4 PIN FEMALE MOLEX CONNECTORS USED FOR ALL MECHANICAL GAUGES