

# INSTALLATION INSTRUCTIONS

## 108204 18-way Dash Connector Mate Pigtail

This connector pigtail is designed to be used as a mate to the C1 "Bow" type connector found behind the dash cluster cradle. It is the connector that engages with the "Flex Board" under pressure, which is a thin printed circuit that lines the back of the dash cluster and connects the telltale lamps and other electrical devices to the dash wiring harness.

Use this pigtail to make the electrical connection to the bulkhead when modifying or adding various gauges and clusters to your Buick dash cluster.

The connector has 18 positions, 9 per side. Pin number 1 is identified by a WHITE wire (and a circular protruded tab on the face of the connector), and pin number 18 is identified by a PURPLE wire. The connector can only engage one way, because the rectangular aligning slots on either end are different sizes. NOTE: When installing this connector, be sure to use cable ties to securely fasten and tighten the connectors together. Because of the "Bow" terminal design, the connectors will be under pressure when properly engaged, to assure proper contact to the connector terminal face. Terminals 1 thru 9 are on one side, 10 thru 18 on the other side.

The charts on the reverse side of this document outline the proper wiring order and details for both the ANALOG and optional DIGITAL dash clusters found on 1984 thru 1987 turbo Regals. Also outlined are pertinent data for other connectors found on these clusters, but not tied directly into the C1 Bow connector bulkhead. This data can be used when extracting particular signals such as VSS (vehicle speedometer feed) and TACH signals, when adapting your vehicle to aftermarket gauges.



# Grand National and Turbo Regal Dash (OEM) Cluster Wiring

## Dash Connector C1 ANALOG DASH VEHICLES

<b>1</b>	Pink/blk	A	GAGES fuse Pos Feed
2	Tan	B	Oil Pressure Indicator
3	Brown	C	ALT Indicator
4	Dk. Green	D	Coolant Temp Gauge
5	Tan/white	E	BRAKES Warning Lamp +
6	Yellow/black	F	Fasten Belts +
7	Lt. Blue	G	LH Turn Indicator
8	Black	H	Gnd.
9	Pink	J	Fuel Level Gauge
10	Gray	K	Dash Light Dimmer feed
11	Black	L	Ground (Fasten Belts NEG)
12	-		Not used
13	-		Not used
14	-		Not used
15	Pink/black	M	GAGES fuse Pos Feed
16	White	N	Cruise Indicator
17	Dk. Blue	P	RH Turn Indicator
<b>18</b>	Lt. Green	R	HI Beam Indicator

For Reference Only

Boost/Tach ANALOG Dash ONLY

A	Pink/black	GAGES Fuse Feed +
B	White	TACH signal
C	Brown	Parking Lights
D	Gray	Dimmer
E	Black	Electrical Ground
F	Gray/black	5V MAP feed +
G	Lt. Green	MAP signal
H	Black	MAP ground

## Dash Connector C1 DIGITAL DASH VEHICLES

<b>1</b>	Tan	A	Oil Pressure Indicator
2	Brown	B	ALT Indicator
3	Dk. Green	C	Water Temp Indicator
4	Tan/white	D	BRAKES Warning lamp +
5	Yellow/black	E	Fasten Belts POS
6	Lt. Blue	F	LH Turn Indicator
7	Black	G	Common LH/RH/Belts/Hi-Beam
8	Lt. Green	H	HI Beam Indicator lamp
9	-		Not used
10	Black	J	Electrical Ground
11	-	K	Not used
12	White/black		LO Boost Indicator
13	Blue/yellow		HI Boost Indicator
14	Pink/black	L	Switched 12 V
15	White	M	Cruise Indicator
16	Dk. Blue	N	RH Turn Indicator
17	Gray	P	Dash light dimmer feed
<b>18</b>	Pink/black	R	Pos. 12 V dash lights

## C2 DIGITAL DASH ONLY

A		
B	Pink	Fuel Level Gauge
C		
D		
E		
F	Brown	Dim Enable
G	Gray	Dash Lt. Dimmer
H		
J		
K	Brown	VSS Signal
L		
M		
N		
P	Pink/black	Pos. 12V Switched
R		
S	Black/white	Electrical Ground
T		
U	Orange	MEM 12V HOT