# INSTALLATION INSTRUCTIONS
## 103071 18-way Dash Connector Mate

This connector is designed to be used as a mate to the C1 "bow" type connector found behind the dash cluster cradle. This type of connector was commonly used on the dash clusters of G body cars 1984-1987 model years.

This specially made connector enables user to interface with the factory C1 connector using soldered printed circuits on each side of the connector. The wiring needs to be soldered onto the PC board, then the completely soldered board fits into the connector shell using double-faced tape to position the PC board properly. The completed assembly mates to the "bow" connector C1 and is secured using a single cable tie. Each PC board is marked: Terminal 1 is marked with a red dot, and Terminal 18 is marked with a yellow dot.
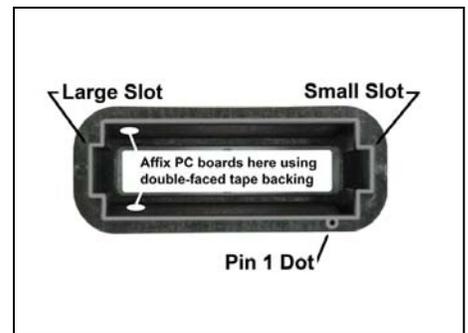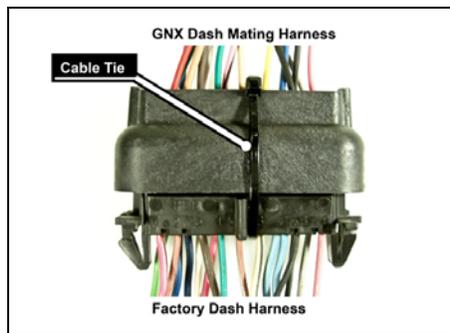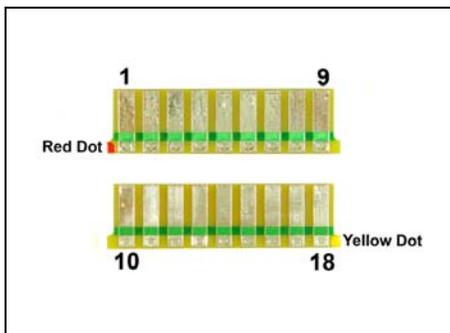
Soldering the PC boards
The wiring attached to the PC board must be soldered flat onto the area with the hole. There is a solder mask stripe on each PC board that prevents solder from "wicking" onto the contact pad area. The images below illustrate how the soldered wires should look when installed properly.
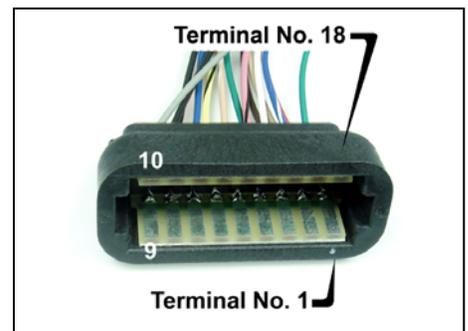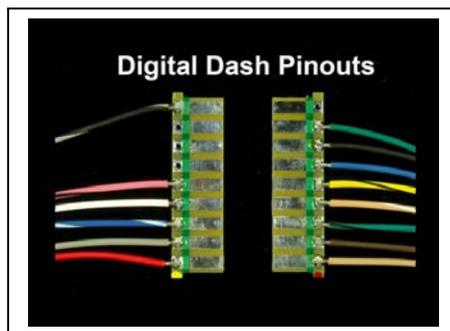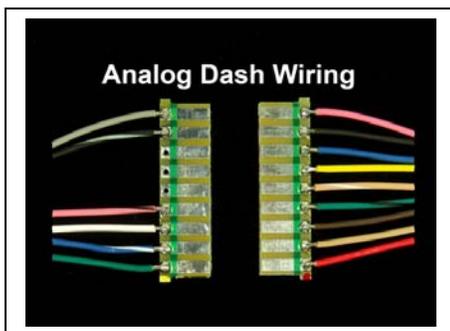
Once each PC board is soldered, peel off the paper backing behind the board and affix firmly into the connector shell as shown, being sure rest the wired end of the PC board onto the bottom of the connector shelf. Be sure the terminal with the red dot aligns on the same side of the small "bump" found on the connector shell; this is terminal 1. Once the PC boards are permanently affixed into the shell, the C1 connector can be inserted into this connector. Using the supplied cable tie, secure both connectors to each other, being sure the cable tie is completely tightened. See other side for wiring details of typical turbo Regal/GN.

Grand National and Turbo Regal Dash (OEM) Cluster Wiring

Dash Connector C1 ANALOG DASH VEHICLES

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

For Reference Only

Boost/Tach ANALOG Dash ONLY

A	Pink/blk	GAGES fuse Pos Feed
B	White	TACH signal
C	Brown	Parking Lights
D	Gray	Dimmer
E	Blk	Gnd
F	Gray/blk	5V MAP feed
G	Lt. Green	MAP signal
H	Black	MAP ground

Dash Connector C1 DIGITAL DASH VEHICLES

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

C2 DIGITAL DASH VEHICLE 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/blk	Pos. 12V Switched
R		
S	Blk/wht	Gnd
T		
U	Orange	MEM 12V HOT