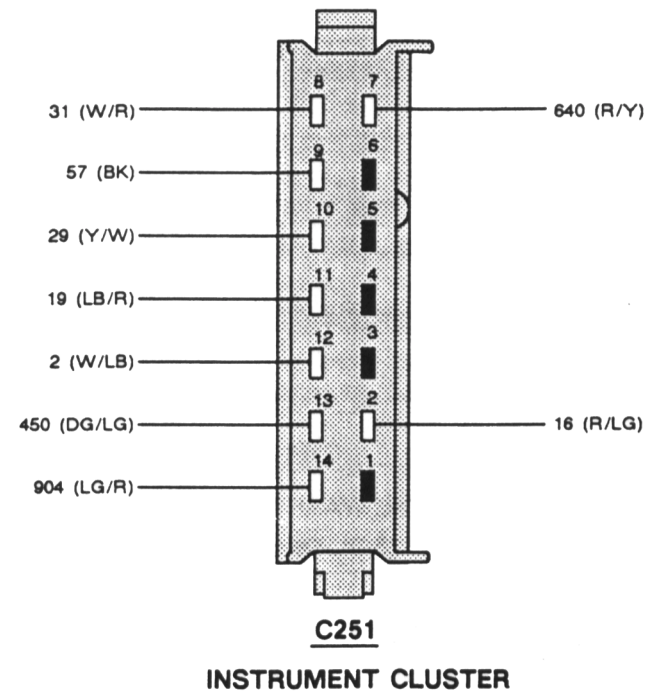
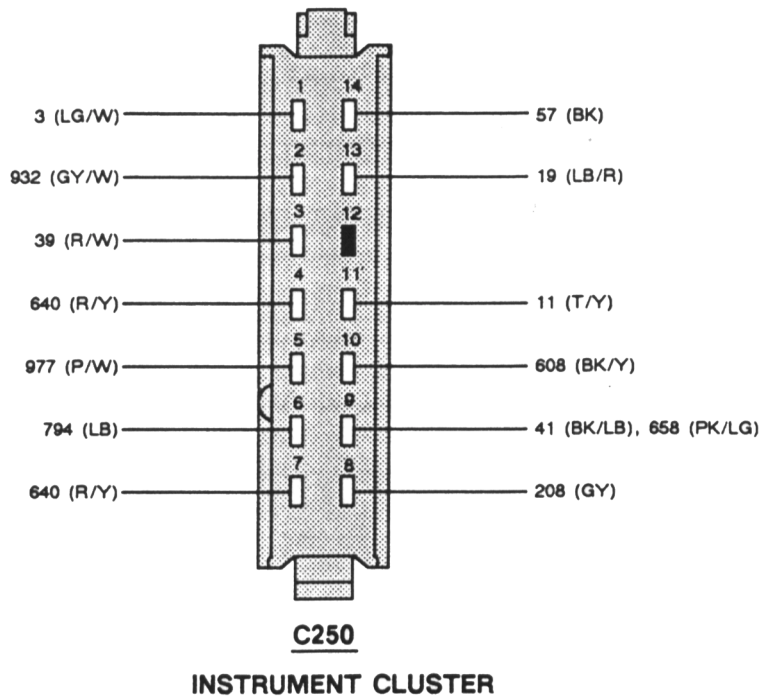


Ford Mustang Wiring Diagram for 1987-1993 Instrument Cluster

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1990-1993 Wiring Chart

Pin Number	Circuit	Circuit Function	Pin Number	Circuit	Circuit Function
1	LG/W	Left Turn Indicator	1	Not Used	Not Used
2	GY/W	Hi Beam Indicator	2	R/LG	Ignition Switch
3	R/W	Coolant Temperature Sender Feed	3	Not Used	Not Used
4	R/Y	12V Input ¹	4	Not Used	Not Used
5	P/W	Check Brake Indicator Feed	5	Not Used	Not Used
6	LB	Low Coolant Indicator Feed	6	Not Used	Not Used
7	R/Y	12V Input ¹	7	R/Y	12V Input ¹
8	GY	Check Oil Indicator Feed	8	W/R	Oil Pressure Gauge Feed
9	BK/LB, PK/LG	Malfunction Indicator Lamp (MIL) Feed	9	BK	Ground
10	BK/Y	Air Bag Indicator	10	Y/W	Fuel Gauge Feed
11	T/Y	Tachometer Feed	11	LB/R	Illumination Feed
12	Not Used	Not Used	12	W/LB	Right Turn Indicator
13	LB/R	Illumination Feed	13	DG/LG	Fasten Belts Indicator
14	BK	Ground	14	LG/R	Battery Indicator Feed

¹ Match to same colors as the 1987-1989 harness.

1987-1989 Wiring Chart

Pin Number	Circuit	Circuit Function	Pin Number	Circuit	Circuit Function
1	LG/W	Left Turn Signal Indicator	1	GY	Low Oil Indicator Lamp
2	BK	Ground	2	R/W	Switch to Warning Lamp
3	R/W	Temp to Sender	3	P/O	??? (Not Used in conversion)
4	R/Y	Warning Lamps Feed	4	Not Used	Not Used
5	R/LG	Ignition Switch to Coil-Batt	5	Not Used	Not Used
6	LG/R	Ignition Switch to Alt Reg	6	Y/BK	Signal Unit Lamp to Fuel Signal Relay
7	P/W	Brake Warning Signal Light	7	PK/Y	Washer Fluid Low Indicator
8	BK/L	Warning Lamp Prove Out ²	8	Y/BK	Signal Unit Lamp to Fuel Signal Relay
9	Not Used	Not Used	9	W/R	Oil Pressure Signal
10	GY	Low Oil Level to Signal	10	Y/W, LB	Fuel Gauge Feed/Low Fuel Indicator Relay
11	DG/Y	Tachometer Feed	11	R/Y	Warning Lamps Feed
12	Not Used	Not Used	12	BK	Ground
13	W/LB	Right Turn Signal Indicator	13	DG/LG	Coolant Temp Relay Feed
14	LG/BK	High Beam Indicator	14	LB/R	Instrument Panel Lamps Feed

Notes:

If you are attempting to install a 1990-1993 steering wheel in a 1987-1989 car, then the steering column must also be changed. All connections will hook up in the steering column except for the harness from the steering wheel, which provides the horn and cruise control signal. The windshield wipers will not work if the 1990-1993 switch is used on the 1987-1989 harness. Testing with a multimeter will show you the wires that Ford chose to move when the design of the switch changes. All controls have the same wiring except the windshield wipers. After the correct wires are determined, it is an easy task to remove the wires from the plug by pressing down on the tab on the front of the plug and sliding the wire out the back. Then, the wire can be inserted into the previously unused connection hole on the plug.

This process is much easier if you have an old harness from a 1990-1993 that comes out of the instrument cluster. The wires need to be as long as possible (6-8 inches), and they can be successfully wire tapped and soldered to the factory 1987-1989 harness.

² Used to test lights when ignition is turned to the "Start" position.