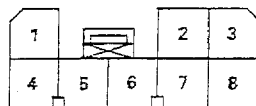


Troubleshooting — '99 - 00 Models *110322 Ek*

Heater Control Panel Input/Output Signals

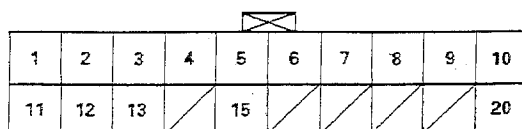
HEATER CONTROL PANEL CONNECTORS

8P CONNECTOR



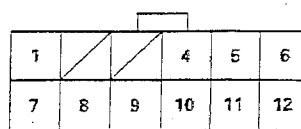
677

20P CONNECTOR



01

12P CONNECTOR



07

*** Wire side of female terminals

8P CONNECTOR (○ on Circuit Diagram) *111*

Cavity	Wire color	Signal	Cavity	Wire color	Signal
1	<i>Y/B (Auto)</i> BLU/BLK	BLOWER FEEDBACK INPUT	5	<i>Wht (Auto)</i> RED	DASH LIGHTS BRIGHTNESS CONTROLLER OUTPUT
2	GRN/WHT	FRESH INPUT	6	BLK	GROUND OUTPUT
3	GRN/RED	RECIRCULATE INPUT	7	BLU/YEL	REAR WINDOW DEFOGGER RELAY OUTPUT
4	RED/BLK	COMBINATION LIGHT SWITCH (Via No. 30 (7.5 A) fuse) INPUT	8	BLK/YEL	IG2 (Power) INPUT

20P CONNECTOR (□ on Circuit Diagram) *01*

Cavity	Wire color	Signal	Cavity	Wire color	Signal
1	LT GRN/BLK	POWER TRANSISTOR BASE OUTPUT	11*	BLU/RED	A/C THERMOSTAT INPUT
2	BRN/WHT	MODE CONTROL MOTOR GROUND INPUT	12	BRN	AIR MIX CONTROL MOTOR GROUND INPUT
3	RED/YEL	AIR MIX HOT OUTPUT	13	ORN/WHT	BLOWER MOTOR HIGH RELAY INPUT
4	RED/WHT	AIR MIX COOL OUTPUT	14	<i>ORN</i>	<i>Sun Sensor</i>
5	YEL/BLU	MODE DEF INPUT	15	PNK/BLK	AIR MIX POTENTIAL OUTPUT
6	YEL/RED	MODE VENT INPUT	16	<i>RED/WHT</i>	
7	GRN/YEL	MODE HEAT/VENT INPUT	17	<i>Pink</i>	<i>Out Sensor</i>
8	BLU/WHT	MODE HEAT INPUT	18	<i>GRY/BLK</i>	<i>In Sensor</i>
9	YEL	MODE HEAT/DEF INPUT	19	<i>Grn</i>	<i>Sensor</i>
10	WHT/BLU	<i>Wht (Auto)</i> +B (Power) INPUT	20	GRY	AIR MIX POTENTIAL +5 V OUTPUT

*: With A/C

12P CONNECTOR (□ on Circuit Diagram) *01*

Cavity	Wire color	Signal	Cavity	Wire color	Signal
1		SWITCH LED COMMON OUTPUT	7		SWITCH LIGHTS + OUTPUT
2			8		SWITCH LIGHTS - INPUT
3			9		SWITCH COMMON INPUT
4		RECIRCULATION CONTROL SWITCH LED INPUT	10		A/C SWITCH OUTPUT
5		A/C SWITCH LED INPUT	11		RECIRCULATION CONTROL SWITCH OUTPUT
6		REAR WINDOW DEFOGGER SWITCH LED INPUT	12		REAR WINDOW DEFOGGER SWITCH OUTPUT