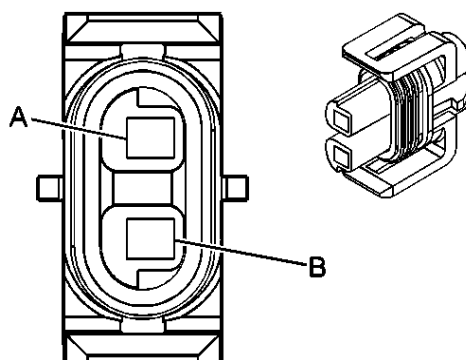


HVAC Connector End Views

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[A/C Compressor Clutch](#)

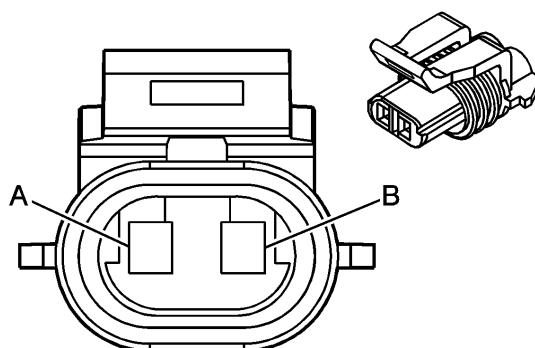


Connector Part Information

- 12162017
- 2-Way F Metri-Pack 150 Series (GRY)

Pin	Wire Color	Circuit No.	Function
A	BLK	550	Ground
B	DK GRN	59	A/C Compressor Clutch Supply Voltage

A/C Low Pressure Switch

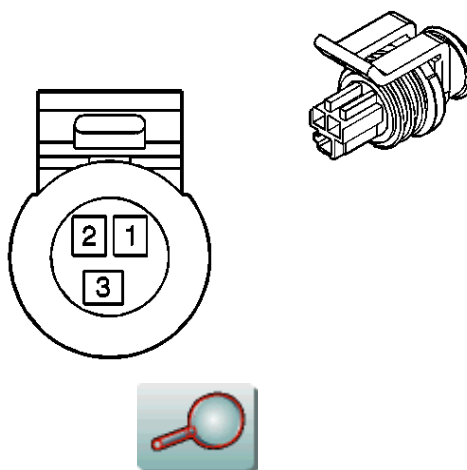


Connector Part Information

- 12052644
- 2-Way F Metri-Pack 150 Series (LT GRY)

Pin	Wire Color	Circuit No.	Function
A	DK BLU	204	A/C Low Pressure Sensor Signal
B	BLK	550	Ground

A/C Refrigerant Pressure Sensor

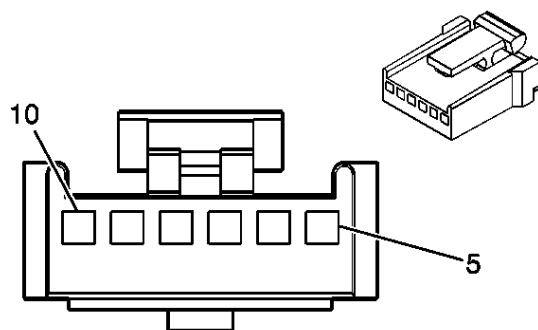


Connector Part Information

- 15344137
- 3-Way F GT 150 Sealed (BLK)

Pin	Wire Color	Circuit No.	Function
1	BLK	2751	Low Reference
2	GRY	2700	5-Volt Reference
3	RED/BLK	380	A/C Refrigerant Pressure Sensor Signal

Air Temperature Actuator - Left

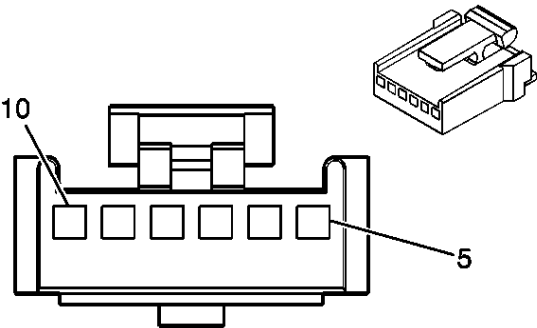


Connector Part Information

- 12064993
- 6-Way F Micro-Pack 100 Series (BLK)

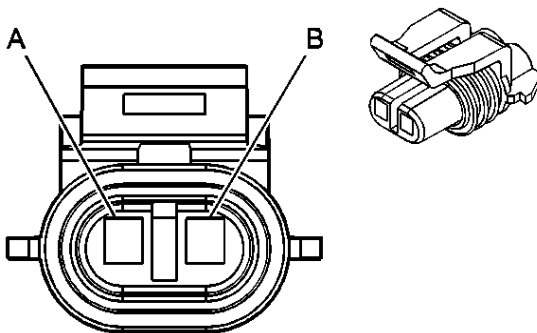
Pin	Wire Color	Circuit No.	Function
5	BRN	341	Ignition 3 Voltage
6	DK BLU	1199	Auxiliary Air Temperature Door Control
7	YEL	1791	Low Reference
8	--	--	Not Used
9	LT BLU	733	Left Air Temperature Door Position Signal
10	LT BLU/BLK	1688	5-Volt Reference

Air Temperature Actuator - Right



Connector Part Information		12064993 6-Way F Micro-Pack 100 Series (BLK)	
Pin	Wire Color	Circuit No.	Function
5	BRN	341	Ignition 3 Voltage
6	WHT/BLK	1236	Right Air Temperature Door Control
7	YEL	1791	Low Reference
8	--	--	Not Used
9	DK BLU	1646	Right Air Temperature Door Position Signal
10	LT BLU/BLK	1688	5-Volt Reference

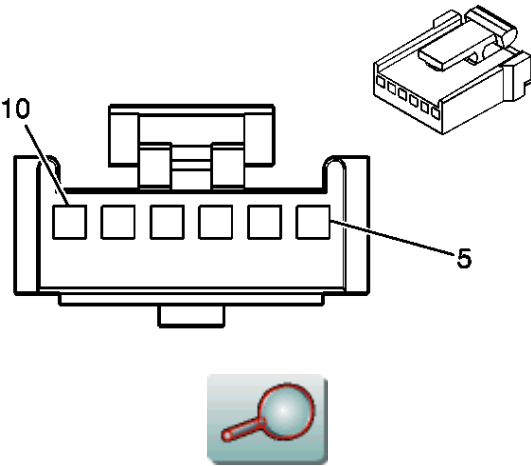
Ambient Air Temperature Sensor



Connector Part Information		12052641 2-Way F Metri-Pack 150 Series (BLK)	
Pin	Wire Color	Circuit No.	Function
A	LT GRN/BLK	735	Ambient Air Temperature Sensor Signal

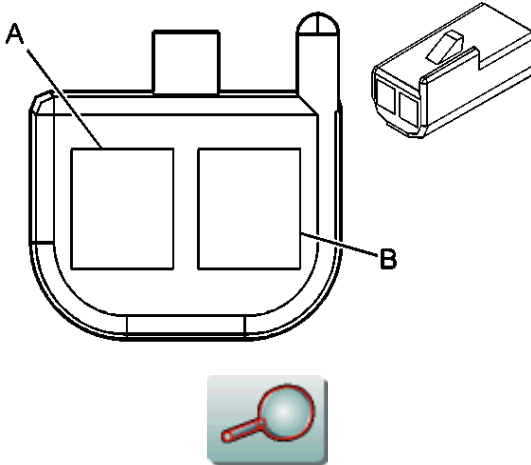
B	BRN	718	Low Reference
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Air Temperature Actuator - Auxiliary



Connector Part Information		12064993 6-Way F Micro-Pack 100 Series (BLK)	
Pin	Wire Color	Circuit No.	Function
5	BRN	541	Ignition 3 Voltage
6	WHT/BLK	1236	Air Temperature Door Control - Auxiliary
7	YEL	1791	Low Reference
8	--	--	Not Used
9	DK BLU	1646	Auxiliary Air Temperature Door Position Signal
10	GRY	598	5-Volt Reference

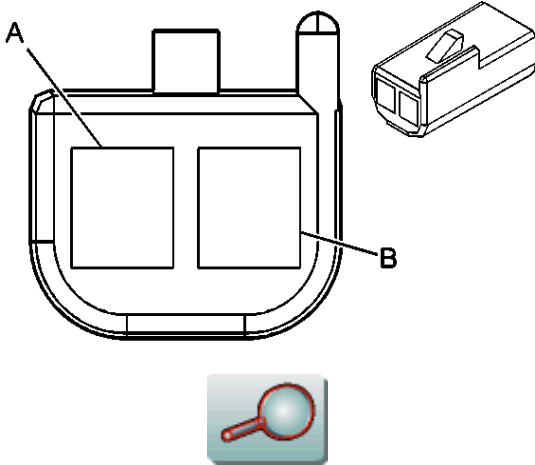
Air Temperature Sensor - Upper Left



Connector Part Information		12047662 2-Way F Metri-Pack 150 Series (BLK)	
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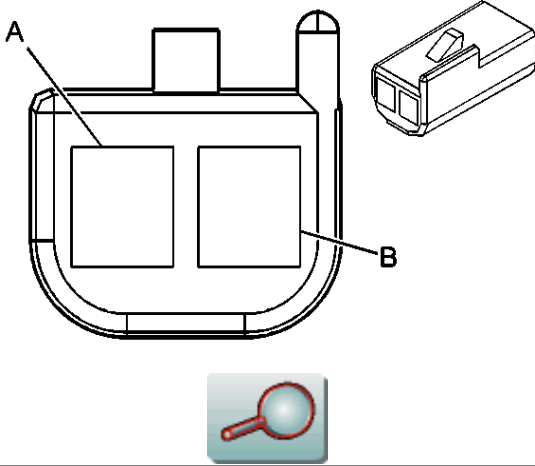
Pin	Wire Color	Circuit No.	Function
A	BRN	718	Low Reference
B	WHT	2338	Upper Left Air Temperature Sensor Signal

Air Temperature Sensor - Upper Right



Connector Part Information		12047662 2-Way F Metri-Pack 150 Series (BLK)	
Pin	Wire Color	Circuit No.	Function
A	BRN	718	Low Reference
B	GRY	2336	Upper Right Air Temperature Sensor Signal

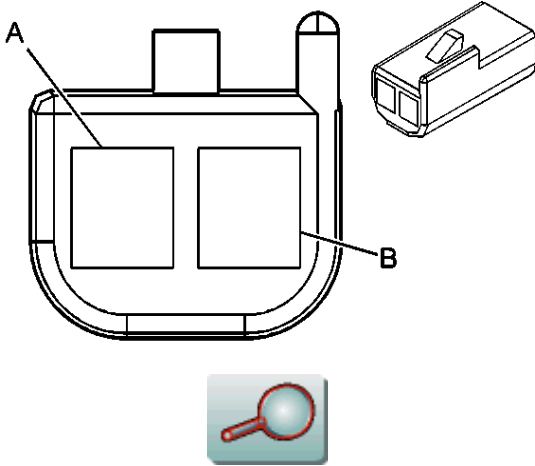
Air Temperature Sensor - Lower Left



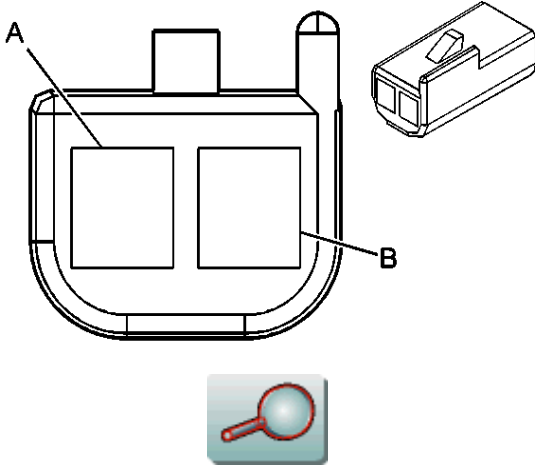
Connector Part Information		12047662 2-Way F Metri-Pack 150 Series (BLK)	
Pin	Wire Color	Circuit No.	Function
A	BRN	718	Low Reference

B	WHT/BLK	2339	Lower Left Air Temperature Sensor Signal
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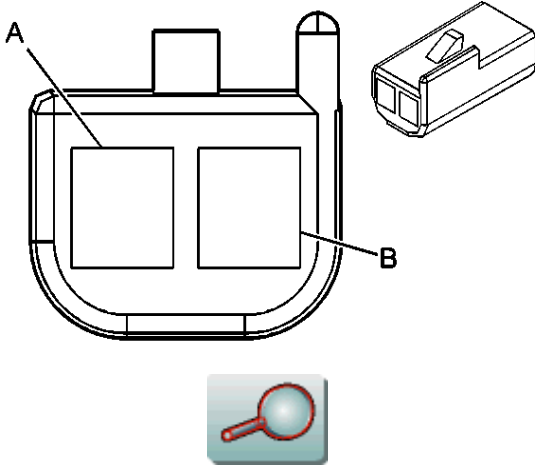
Air Temperature Sensor - Lower Right

			
Connector Part Information		• 12047662 • 2-Way F Metri-Pack 150 Series (BLK)	
Pin	Wire Color	Circuit No.	Function
A	BRN	718	Low Reference
B	GRY/BLK	2337	Lower Right Air Temperature Sensor Signal

Air Temperature Sensor - Upper Auxiliary

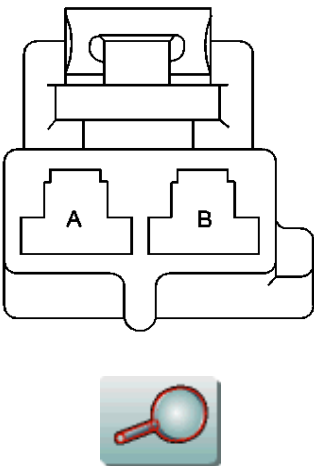
			
Connector Part Information		• 12047662 • 2-Way F Metri-Pack 150 Series (BLK)	
Pin	Wire Color	Circuit No.	Function
A	TAN	517	Upper Auxiliary Air Temperature Sensor Signal
B	BLK	516	Low Reference

Air Temperature Sensor - Lower Auxiliary



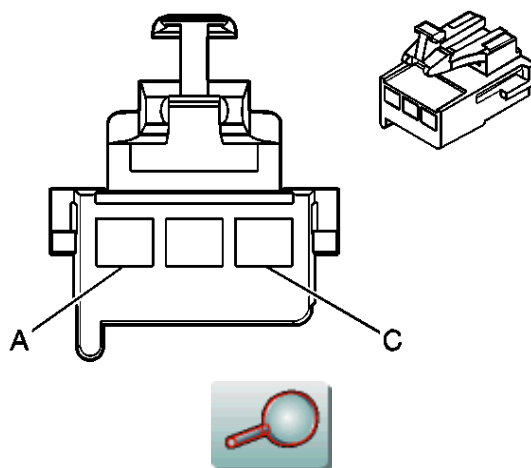
Connector Part Information		• 12047662 • 2-Way F Metri-Pack 150 Series (BLK)	
Pin	Wire Color	Circuit No.	Function
A	BLK	520	Lower Auxiliary Air Temperature Sensor Signal
B	BLK	518	Low Reference

Blower Motor



Connector Part Information		• 12064749 • 2-Way F Metri-Pack 280 Series (BLK)	
Pin	Wire Color	Circuit No.	Function
A	PPL	--	Blower Motor Supply Voltage
B	BLK	--	Ground

Blower Motor Control Processor

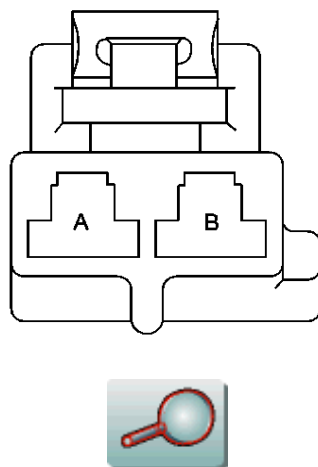


Connector Part Information

- 12129489
- 3-Way F Metri-Pack 280 Series (BLK)

Pin	Wire Color	Circuit No.	Function
A	RED	542	Battery Positive Voltage
B	PPL/WHT	760	Blower Motor Speed Control
C	BLK	1050	Ground

Blower Motor - Auxiliary

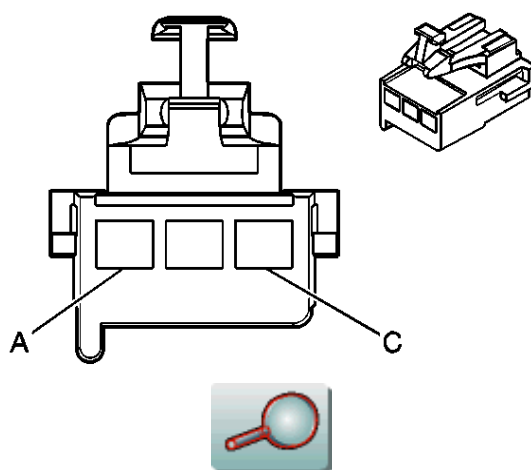


Connector Part Information

- 12064749
- 2-Way F Metri-Pack 280 Series (BLK)

Pin	Wire Color	Circuit No.	Function
A	PPL	--	Blower Motor - Auxiliary Supply Voltage
B	BLK	--	Ground

Blower Motor Control Processor - Auxiliary

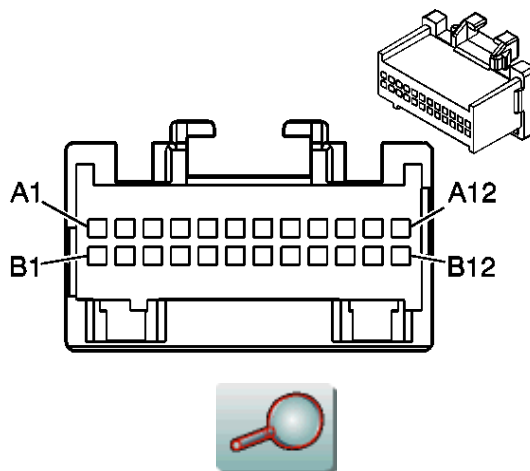


Connector Part Information

- 12129489
- 3-Way F Metri-Pack 280 Series (BLK)

Pin	Wire Color	Circuit No.	Function
A	BLK	1450	Ground
B	PPL	374	Auxiliary Blower Motor Speed Control
C	ORN	1740	Battery Positive Voltage

HVAC Control Module C1



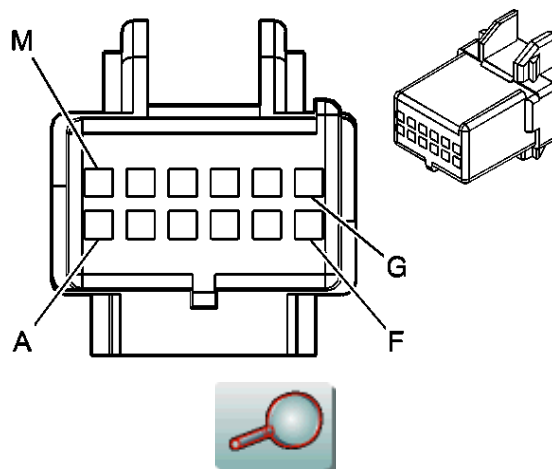
Connector Part Information

- 12110206
- 24-Way F Micro-Pack 100 Series (LT BLU)

Pin	Wire Color	Circuit No.	Function
A1	DK GRN	1614	Recirculation Door Control
A2	DK BLU	1646	Right Air Temperature Door Position Signal
A3	LT BLU	733	Left Air Temperature Door Position Signal
A4	--	--	Not Used
A5	LT GRN	2275	Mode Door Position Signal
A6	--	--	Not Used

A7	BRN/WHT	230	Instrument Panel Lamps Dimming Control
A8	BLK/WHT	1851	Ground
A9-A11	--	--	Not Used
A12	DK BLU	204	A/C Low Pressure Sensor Signal
B1	WHT/BLK	1236	Right Air Temperature Door Control
B2	DK BLU	1199	Left Air Temperature Door Control
B3	--	--	Not Used
B4	TAN	2273	Mode Door Control
B5	BRN	341	Ignition 3 Voltage
B6	YEL	1791	Low Reference
B7	ORN	4340	Battery Positive Voltage
B8	LT BLU/ BLK	1688	5-Volt Reference
B9	BLK	1050	Ground
B10	--	--	Not Used
B11	WHT	1038	HVAC Class 2 Serial Data
B12	--	--	Not Used

HVAC Control Module C2



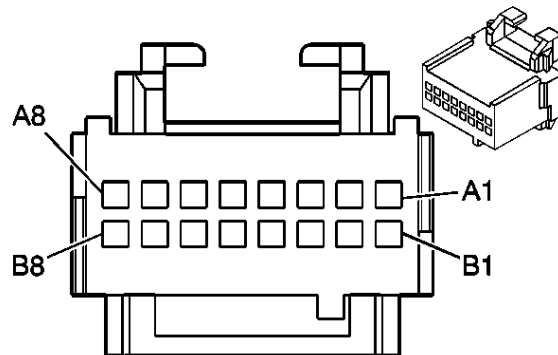
Connector Part Information

- 15336594
- 12-Way F Micro Pack 100 (GRY)

Pin	Wire Color	Circuit Number	Function
A	DK GRN	734	Inside Air Temperature Sensor Signal
B	LT GRN/ BLK	735	Ambient Air Temperature Sensor Signal
C	WHT	2338	Upper Left Air Temperature Sensor Signal
D	GRY	2336	Upper Right Air Temperature Sensor Signal

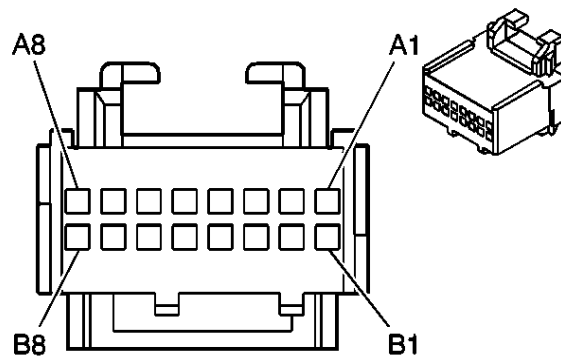
E	WHT/BLK	2339	Lower Left Air Temperature Sensor Signal
F	GRY/BLK	2337	Lower Right Air Temperature Sensor Signal
G	PPL	1838	Recirculation Door Position Signal
H-J	--	--	Not Used
K	BRN	718	Low Reference
L	WHT/BLK	5515	Inside Air Temperature Sensor Assembly Control
M	PPL/WHT	760	Blower Motor Speed Control

HVAC Control Module - Auxiliary C1



Connector Part Information		• 12084945 • 16-Way F Micro Pack 100 Series (GRY)	
Pin	Wire Color	Circuit Number	Function
A1	GRY	2821	5-Volt Reference
A2	DK BLU	5518	Auxiliary Inside Air Temperature Sensor Signal
A3	TAN	517	Upper Auxiliary Air Temperature Sensor Signal
A4	BRN	5517	Low Reference
A5	ORN	2930	Auxiliary Front Air Temperature Switch Signal
A6	WHT	454	Auxiliary Front Mode Switch Signal
A7- A8	--	--	Not Used
B1	DK BLU	5516	Inside Air Temperature Sensor Assembly Control
B2	PPL/WHT	760	Auxiliary Front Blower Motor Switch Signal
B3-B5	--	--	Not Used
B6	BLK	516	Low Reference
B7	YEL	2933	Ground
B8	--	--	Not Used

HVAC Control Module - Auxiliary C2

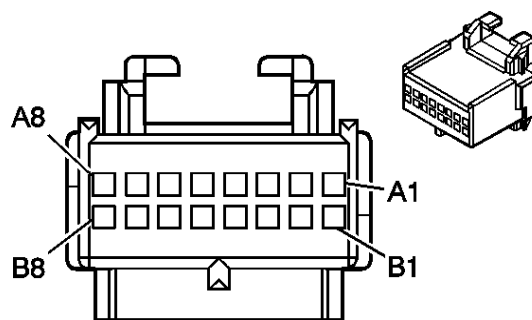


Connector Part Information

- 12092632
- 16-Way F Micro Pack 100 Series (RED)

Pin	Wire Color	Circuit Number	Function
A1	DK BLU	1646	Auxiliary Air Temperature Door Position Signal
A2	YEL/BLK	1814	Auxiliary Mode Door Position Signal
A3	--	--	Not Used
A4	BLK	1450	Ground
A5	WHT/BLK	1236	Auxiliary Air Temperature Door Control
A6	WHT	454	Auxiliary Front Mode Switch Signal
A7	ORN	3140	Battery Positive Voltage
A8	GRY	2289	Rear HVAC/Audio Class 2 Serial Data
B1	GRY	598	5-Volt Reference
B2	GRY	2599	5-Volt Reference
B3	YEL	1791	Low Reference
B4	GRY/BLK	1798	Low Reference
B5	BLK	520	Lower Auxiliary Air Temperature Sensor Signal
B6	PPL	374	Auxiliary Blower Motor Speed Control
B7	BLK	518	Low Reference
B8	--	--	Not Used

HVAC Control Assembly Front Auxiliary

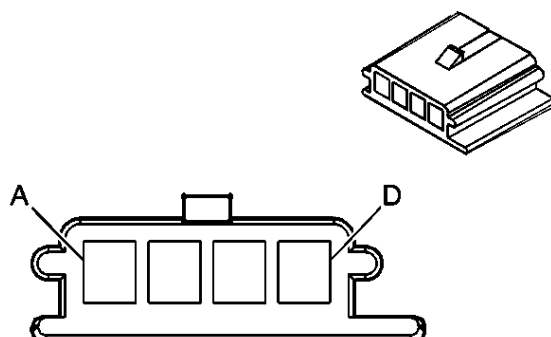


Connector Part Information

- 12084944
- 16-Way F Micro Pack 100 Series (BLK)

Pin	Wire Color	Circuit Number	Function
A1	--	--	Not Used
A2	GRY	2821	5-Volt Reference
A3-A4	--	--	Not Used
A5	BLK	1050	Ground
A6-A7	--	--	Not Used
A8	BRN/WHT	230	Instrument Panel Lamps Dimming Control
B1	ORN	2930	Auxiliary Front Air Temperature Switch Signal
B2	--	--	Not Used
B3	WHT	454	Auxiliary Front Mode Switch Signal
B4-B5	--	--	Not Used
B6	YEL	2933	Ground
B7	--	--	Not Used
B8	PPL/WHT	760	Auxiliary Front Blower Motor Switch Signal

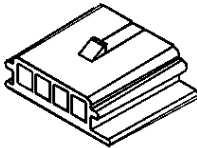
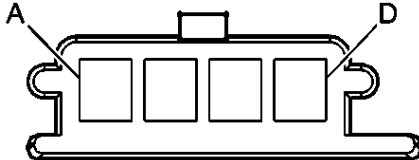
Air Temperature Sensor Assembly - Inside



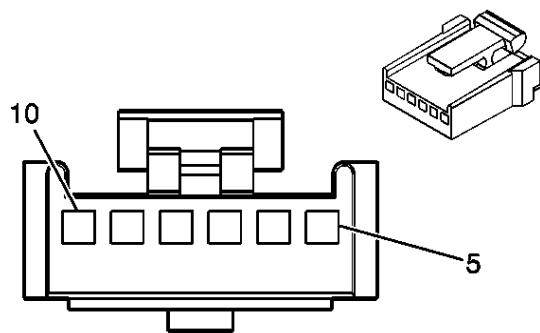


Connector Part Information		• 12045813 • 4-Way F Metri-Pack 150 (NAT)	
Pin	Wire Color	Circuit No.	Function
A	DK GRN	734	Inside Air Temperature Sensor Signal
B	WHT/BLK	5515	Inside Air Temperature Sensor Assembly Control
C	BLK	1050	Ground
D	BRN	718	Low Reference

Auxiliary Air Temperature Sensor Assembly - Inside

  			
Connector Part Information		• 12045813 • 4-Way F Metri-Pack 150 (NAT)	
Pin	Wire Color	Circuit No.	Function
A	DK BLU	5518	Auxiliary Inside Air Temperature Sensor Signal
B	DK BLU	5516	Inside Air Temperature Sensor Assembly Control
C	BLK	1050	Ground
D	BRN	5517	Low Reference

Mode Actuator

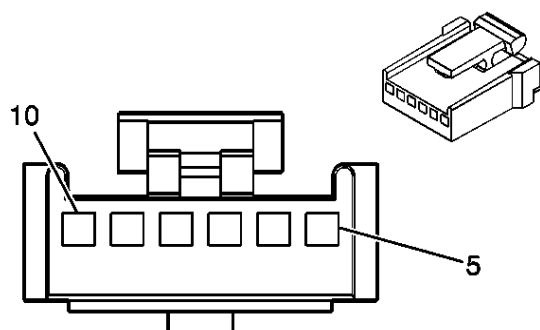


Connector Part Information

- 12064993
- 6-Way F Micro-Pack 100 Series (BLK)

Pin	Wire Color	Circuit No.	Function
5	BRN	341	Ignition 3 Voltage
6	TAN	2273	Mode Door Control
7	YEL	1791	Ground
8	--	--	Not Used
9	LT GRN	2275	Mode Door Position Signal
10	LT BLU/ BLK	1688	5-Volt Reference

Mode Actuator - Auxiliary



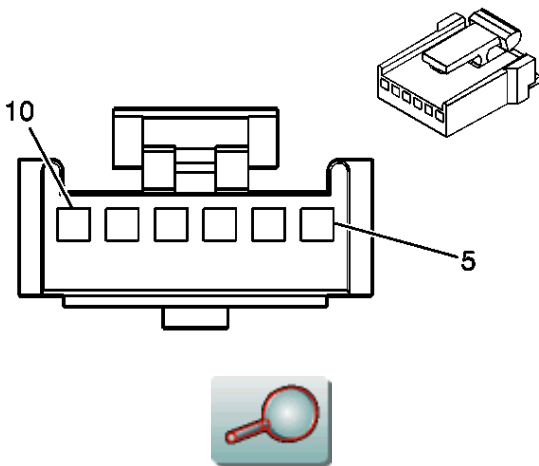
Connector Part Information

- 12064993
- 6 Way F Micro-Pack 100 Series (BLK)

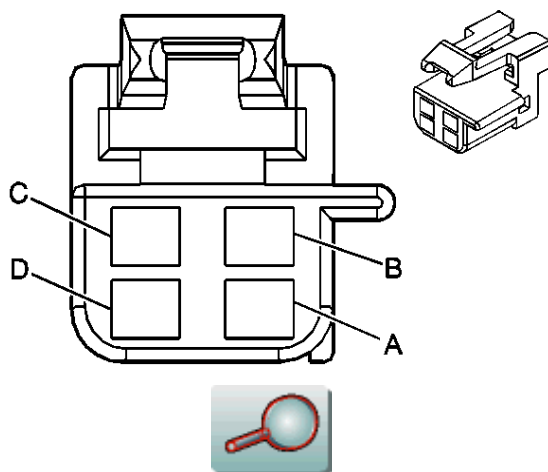
Pin	Wire Color	Circuit No.	Function
5	BRN	541	Ignition 3 Voltage

6	WHT	454	Mode Door Control - Auxiliary
7	GRY/BLK	1798	Ground
8	--	--	Not Used
9	YEL/BLK	1814	Auxiliary Mode Door Position Signal
10	GRY	2599	5-Volt Reference

Recirculation Actuator

			
Connector Part Information		• 12064993 • 6-Way F Micro-Pack 100 Series (BLK)	
Pin	Wire Color	Circuit No.	Function
5	BRN	341	Ignition 3 Voltage
6	DK GRN	1614	Recirculation Door Control
7	YEL	1791	Ground
8	--	--	Not Used
9	PPL	1838	Recirculation Door Position Signal
10	LT BLU/ BLK	1688	5-Volt Reference

Sunload Sensor



Connector Part Information

- 12064760
- 4-Way F Metri-Pack 150 Series (BLK)

Pin	Wire Color	Circuit No.	Function
A	LT BLU/BLK	590	Driver Sunload Sensor Signal
B	GRY	1548	Passenger Sunload Sensor Signal
C	BLK	279	Ambient Light Sensor Low Reference
D	WHT	278	Ambient Light Sensor Signal

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Forward ->

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