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Document ID# 1253616
2004 GMC Truck Yukon Denali

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Power Seat Systems Connector End Views

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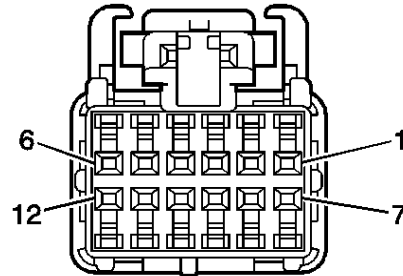
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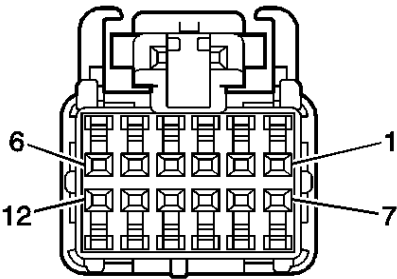
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Driver Door Module (DDM) - C5 (Memory/Heated Seat Switch - Driver)**Connector Part Information**

- 6383393-4
- 12-Way F Amp 0.64 mm Unsealed (GRN)

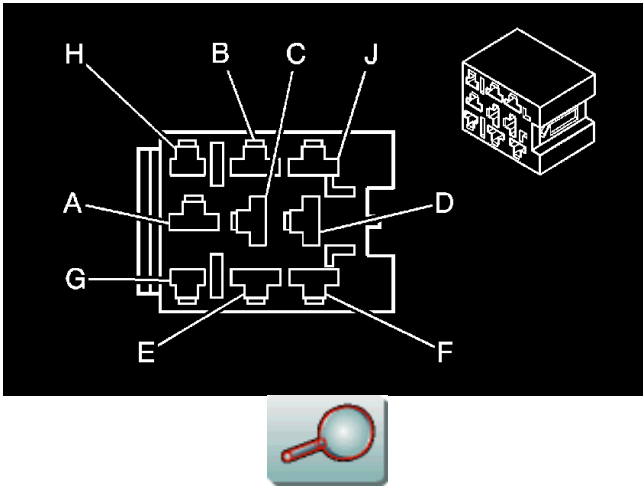
Pin	Wire Color	Circuit No.	Function
1	WHT/BLK	--	Medium Heat Indicator Control
2	YEL	--	Low Heat Indicator Control
3	GRY	--	Back Only Select
4	LT BLU	--	Memory/Heated Seat Backlight
5	PNK	--	Memory 2 Switch Signal
6	TAN	--	Adjustable Pedals Motor Forward Control (JF4)
7	DK GRN	--	High Heat Indicator Control
8	BLK	--	Back Only Indicator
9	DK BLU	--	Back and Cushion Select
10	RED	--	Memory 1 Switch Signal
11	BRN	--	Memory/Heated Switch Supply Voltage
12	ORN	--	Adjustable Pedals Motor Rearward Control (JF4)

Front Passenger Door Module (FPDM) - C5 (Heated Seat Switch - Front Passenger)



Connector Part Information		6383393-4 12-Way F Amp 0.64 mm Unsealed (GRN)	
Pin	Wire Color	Circuit No.	Function
1	YEL	--	Low Heat Indicator Control
2	GRN	--	High Heat Indicator Control
3	DK BLU	--	Back and Cushion Select
4	GRY	--	Back Only Select
5	--	--	Not Used
6	BRN	--	Memory/Heated Seat Switch Supply Voltage
7	BLK	--	Back Only Indicator Control
8	WHT/BLK	--	Medium Heat Indicator Control
9-11	--	--	Not Used
12	LT BLU	--	Heated Seat Switch Backlight

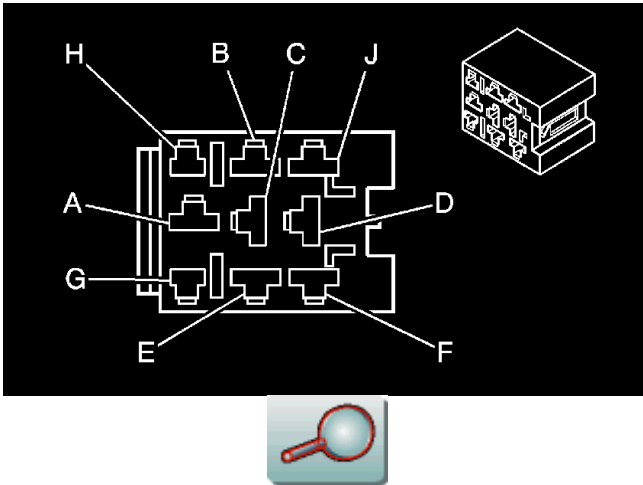
Heated Seat Control Module - LR



Connector Part Information		• 15339007 • 9-Way F Metri-Pack 280, 630 Series (BRN)	
Pin	Wire Color	Circuit No.	Function
A	RED/WHT	2075	Heated Seat Cushion Element Control
B	BRN/WHT	1637	Left Rear Heated Seat Switch Signal
C	BRN	541	Ignition 3 Voltage
D	ORN	4540	Battery Positive Voltage
E	YEL	2079	Heated Seat Cushion Temperature Sensor Signal
F	BLK	1150	Ground
G	BLK/WHT	1638	Left Rear Heated Seat High Temperature Indicator Control
H	PNK	1631	Left Rear Heated Seat Low Temperature Indicator Control
J	BLK	2080	Low Reference

Heated Seat Control Module - RR

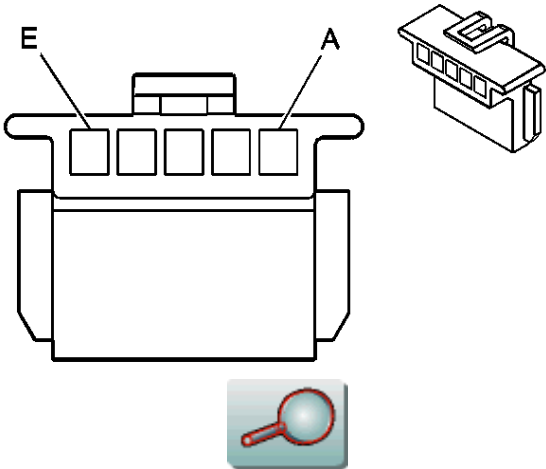




Connector Part Information		• 15339007 • 9-Way F Metri-Pack 280, 630 Series (BRN)	
Pin	Wire Color	Circuit No.	Function
A	RED/WHT	2075	Heated Seat Cushion Element Control
B	BRN/WHT	1634	Right Rear Heated Seat Switch Signal
C	BRN	541	Ignition 3 Voltage
D	ORN	4540	Battery Positive Voltage
E	YEL	2079	Heated Seat Cushion Temperature Sensor Signal
F	BLK	1250	Ground
G	BLK/WHT	1635	Right Rear Heated Seat High Temperature Indicator Control
H	PNK	1636	Right Rear Heated Seat Low Temperature Indicator Control
J	BLK	2080	Low Reference

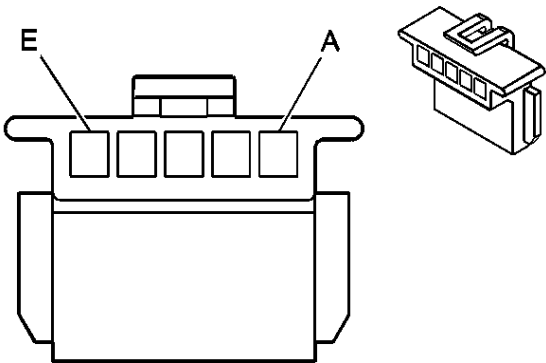
Heated Seat Switch - RR





Connector Part Information		• 12124997 • 5-Way F (BLK)	
Pin	Wire Color	Circuit No.	Function
A	PNK	1636	Right Rear Heated Seat Low Indicator Control
B	BLK/WHT	1635	Right Rear Heated Seat High Indicator Control
C	BRN	1634	Right Rear Heated Seat Switch Signal
D	BRN/WHT	230	Instrument Panel Lamps Dimming Control
E	BLK	1050	Ground

Heated Seat Switch - LR



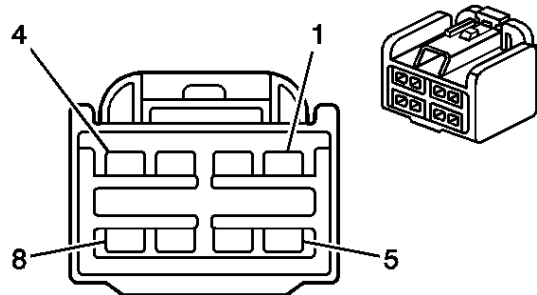


Connector Part Information

- **12124997**
- **5-Way F Metri-Pack 150 Series (BLK)**

Pin	Wire Color	Circuit No.	Function
A	PNK	1631	Left Rear Heated Seat Low Indicator Control
B	BLK/WHT	1638	Left Rear Heated Seat High Indicator Control
C	BRN	1637	Left Rear Heated Seat Switch Signal
D	BRN/WHT	230	Instrument Panel Lamps Dimming Control
E	BLK	1050	Ground

Memory Seat Module - Driver C1



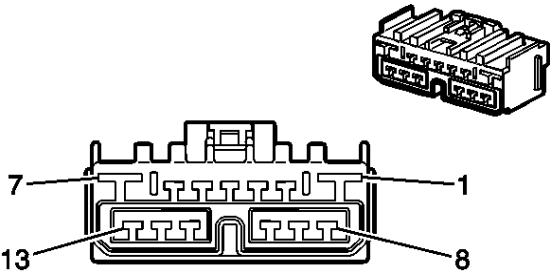
Connector Part Information

- **7283-5560-40**
- **8-Way F Yazaki 2.8 mm Unsealed (LT GRY)**

Pin	Wire Color	Circuit No.	Function
1	LT GRN	276	Driver Seat Recline Motor Forward Control
2	LT BLU	277	Driver Seat Recline Motor Rearward Control
3	TAN	285	Driver Seat Horizontal Motor Forward Control

4	LT GRN	284	Driver Seat Horizontal Motor Rearward Control
5	LT BLU	283	Driver Seat Rear Vertical Motor Down Control
6	YEL	282	Driver Seat Rear Vertical Motor Up Control
7	DK BLU	287	Driver Seat Front Vertical Motor Down Control
8	DK GRN	286	Driver Seat Front Vertical Motor Up Control

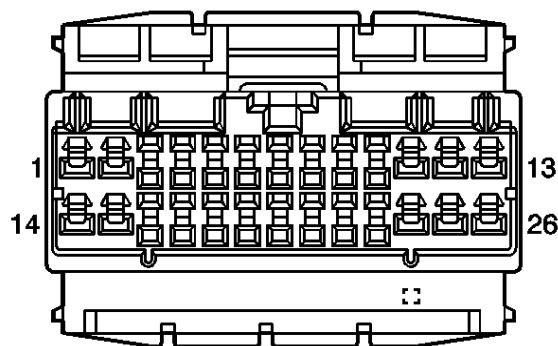
Memory Seat Module - Driver C2



Connector Part Information		7283-5625-40 13-Way F Yazaki Hybrid Unsealed (LT GRY)	
Pin	Wire Color	Circuit No.	Function
1	ORN	1440	Battery Positive Voltage
2-3	--	--	Not Used
4	DK BLU	611	Driver Seat Lumbar Motor Forward Control
5	PNK	610	Driver Seat Lumbar Motor Rearward Control
6	--	--	Not Used
7	BLK	1150	Ground
8	--	--	Not Used
9	YEL	1257	Driver Seat Torso Bolster In Control
10	PPL	1258	Driver Seat Torso Bolster Out Control

11-13	--	--	Not Used
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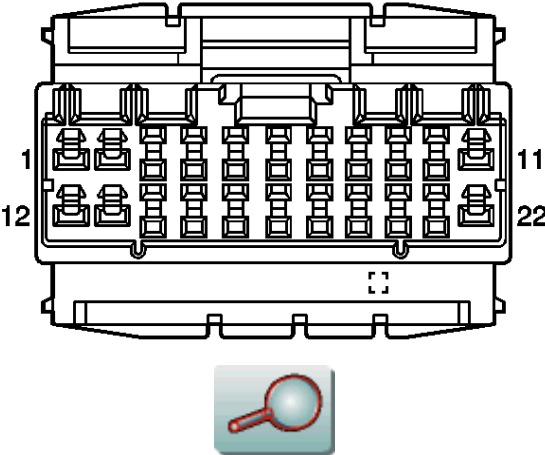
Memory Seat Module - Driver C3



Connector Part Information		• 174516-2 • 26-Way F Amp Hybrid (BLK)	
Pin	Wire Color	Circuit No.	Function
1	RED/WHT	2077	Heated Seat Cushion Element Supply Voltage - w/KA7
2-3	--	--	Not Used
4	TAN	2408	Driver Seat Lumbar Motor Rearward Control
5	GRY/RED	5702	Driver Seat Torso Bolster Out Switch Signal
6	DK GRN/ WHT	1270	Power Seat Recline Rearward Switch Signal
7	--	--	Not Used
8	LT GRN	1523	Power Seat Horizontal Rearward Switch Signal
9	LT BLU	1521	Power Seat Rear Vertical Down Switch Signal
10	DK BLU	1520	Power Seat Front Vertical Down Switch Signal
11	--	--	Not Used
12	WHT	5287	Voltage Reference

13	WHT	570B	Driver Seat Recline Motor Position Sensor Voltage Reference
14	BRN	2432	Driver Heated Seat Back Element Supply Voltage-w/KA7
15-16	--	--	Not Used
17	YEL	2407	Driver Seat Lumbar Motor Forward Switch Signal
18	WHT/RED	5701	Driver Seat Torso Bolster in Switch Signal
19	GRY/BLK	1269	Power Seat Recline Forward Switch Signal
20	--	--	Not Used
21	TAN	1522	Power Seat Horizontal Forward Switch Signal
22	YEL	1519	Power Seat Rear Vertical Up Switch Signal
23	DK GRN	1518	Power Seat Front Vertical Up Switch Signal
24	ORN	1540	Switch Voltage Supply
25	BRN/WHT	5288	Low Reference
26	BLK	570A	Low Reference

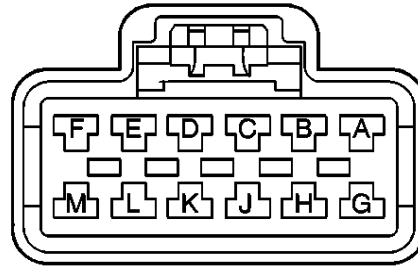
Memory Seat Module - Driver C4



Connector Part Information		• 174515-6 • 22-Way F Amp Hybrid (GRY)	
Pin	Wire Color	Circuit No.	Function
1	LT BLU	2433	Passenger Heated Seat Back Element Control - w/KA7

2	PNK	2480	Heated Seat Cushion Element Control - w/KA7
3	BRN/WHT	557	Front Vertical Seat Motor Position Sensor Signal
4	DK GRN	569	Horizontal Seat Motor Position Sensor Signal
5	YEL	1063	Driver Seat Lumbar Horizontal Position Sensor Signal
6	PPL	5700	Driver Seat Torso Bolster Position Sensor Signal
7	--	--	Not Used
8	DK BLU	2425	Driver Heated Seat Back Temperature Sensor Signal - w/KA7
9	BRN/WHT	1048	SCM (Seat) Class 2 Serial Data
10	--	--	Not Used
11	DK BLU	2479	Passenger Heated Seat Element Supply Voltage - w/KA7
12	PPL	2424	Driver Heated Seat Back Element Control - w/KA7
13	LT GRN	2078	Heated Seat Cushion Element Control - w/KA7
14	TAN	568	Rear Vertical Seat Motor Position Sensor Signal
15	--	--	Not Used
16	BLK/WHT	570	Driver Seat Recline Motor Position Sensor Signal
17	PNK	5289	Adjustable Pedals Position Sensor Signal
18	--	--	Not Used
19	DK BLU	5475	Front Passenger Heated Seat Back Temperature Signal
20-21	--	--	Not Used
22	DK BLU	2479	Passenger Heated Seat Element Supply Voltage

Seat Adjuster Switch - Driver (AN3).

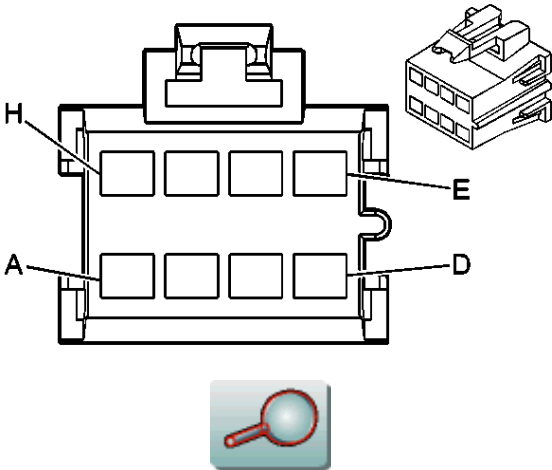


Connector Part Information

- **15326110**
- **12-Way F GT 280 Series (BLK)**

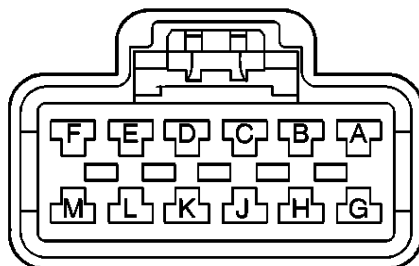
Pin	Wire Color	Circuit No.	Function
A	DK GRN/ WHT	1270	Power Seat Recline Rearward Switch Signal
B	GRY/BLK	1269	Power Seat Recline Forward Switch Signal
C	--	--	Not Used
D	LT GRN	1523	Power Seat Horizontal Rearward Switch Signal
E	TAN	1522	Power Seat Horizontal Forward Switch Signal
F	ORN	1540	Battery Positive Voltage - Memory Seat Module
	ORN	1540	Battery Positive Voltage - Lumbar/Bolster Switch
G-H	--	--	Not Used
J	LT BLU	1521	Power Seat Rear Vertical Down Switch Signal
K	YEL	1519	Power Seat Rear Vertical Up Switch Signal
L	DK BLU	1520	Power Seat Front Vertical Down Switch Signal
M	DK GRN	1518	Power Seat Front Vertical Up Switch Signal

Seat Adjuster Switch - Driver (AG2).



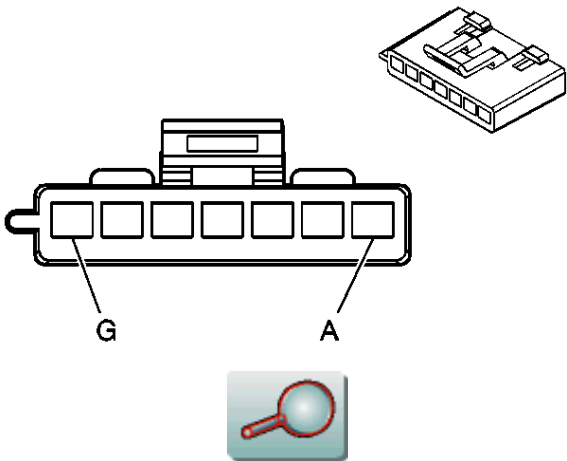
Connector Part Information		• 12064998 • 8-Way F Metri-Pack 280 Series (BLK)	
Pin	Wire Color	Circuit No.	Function
A	DK GRN/	286	Driver Seat Front Vertical Motor Up Control
B	DK BLU	287	Driver Seat Front Vertical Motor Down Control
C	YEL	282	Driver Seat Rear Vertical Motor Up Control
D	LT BLU	283	Driver Seat Rear Vertical Motor Down Control
E	BLK	1150	Ground
F	LT GRN	284	Driver Seat Horizontal Motor Rearward Control
G	TAN	285	Driver Seat Horizontal Motor Forward Control
H	ORN	1440	Battery Positive Voltage

Seat Adjuster Switch - Front Passenger



Connector Part Information		• 15326110 • 12-Way F GT 280 Series (BLK)	
Pin	Wire Color	Circuit No.	Function
A	ORN	1440	Battery Positive Voltage
B	LT GRN	290	Passenger Seat Horizontal Motor Rearward Control
C	TAN	296	Passenger Seat Horizontal Motor Forward Control
D	BLK	1250	Ground
E	DK BLU	77	Passenger Seat Recline Motor Rearward
F	DK GRN	76	Passenger Seat Recline Motor Forward
G	DK BLU	298	Passenger Seat Front Vertical Motor Down Control
H	DK GRN	297	Passenger Seat Front Vertical Motor Up Control
J	LT BLU	289	Passenger Seat Rear Vertical Motor Down Control
K	YEL	288	Passenger Seat Rear Vertical Motor Up Control
L-M	--	--	Not Used

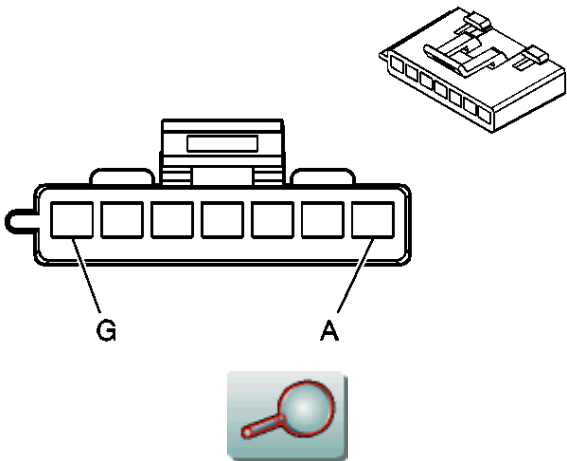
Lumbar/Bolster Switch - Driver



Connector Part Information		• 12052854 • 7-Way F GT 280 Series (BLK)	
Pin	Wire Color	Circuit No.	Function
A	ORN	1540	Battery Positive Voltage
B	WHT/RED	5701	Driver Seat Torso Bolster in Switch Signal
C-D	--	--	Not Used
E	TAN	2408	Driver Seat Lumbar Motor Rearward Switch Signal
F	YEL	2407	Driver Seat Lumbar Motor Forward Switch Signal
G	GRY/RED	5702	Driver Seat Torso Bolster Out Switch Signal

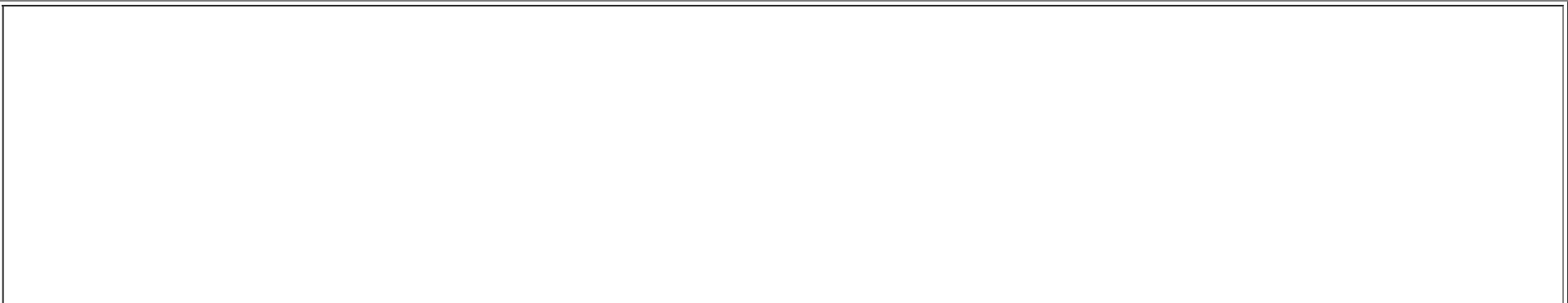
Lumbar/Bolster Switch - Front Passenger

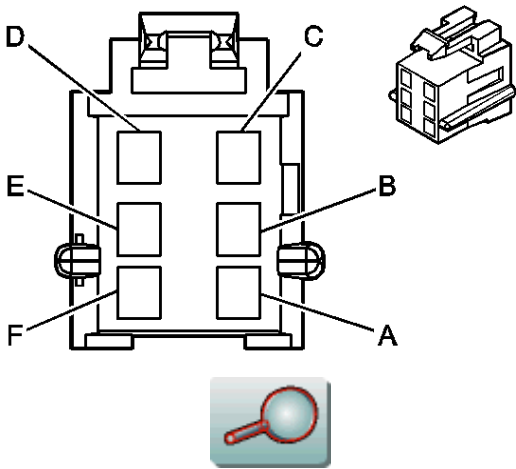




Connector Part Information		• 12052854 • 7-Way F Metri-Pack 280 Series (BLK)	
Pin	Wire Color	Circuit No.	Function
A	ORN	1440	Battery Positive Voltage
B	DK BLU	2462	Passenger Seat Bolster Motor Forward Control
C	BLK	1250	Ground
D	--	--	Not Used
E	DK BLU	211	Passenger Seat Lumbar Motor Forward Control
F	WHT	210	Passenger Seat Lumbar Motor Rearward Control
G	LT BLU	2427	Passenger Seat Bolster Motor Rearward Control

Seat Lumbar Motor/Position Sensor - Driver

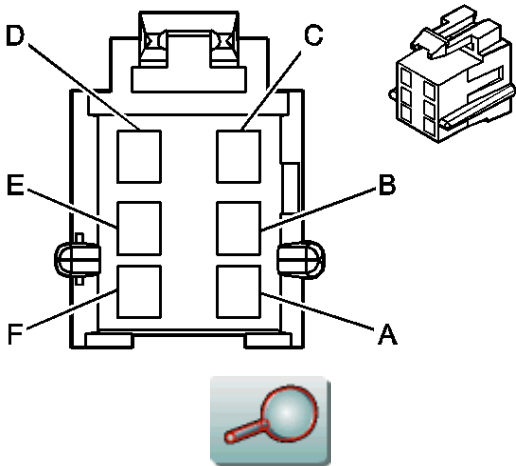




Connector Part Information		• 12064752 • 6-Way F Metri-Pack 150 Series (BLK)	
Pin	Wire Color	Circuit No.	Function
A	PNK	610	Driver Seat Lumbar Motor Rearward Control
B	DK BLU	611	Driver Seat Lumbar Motor Forward Control
C	WHT	5287	Voltage Reference
D	BRN/WHT	5288	Low Reference
E	YEL	1063	Driver Seat Lumbar Horizontal Position Sensor Signal
F	--	--	Not Used

Seat Bolster Motor/Position Sensor - Driver

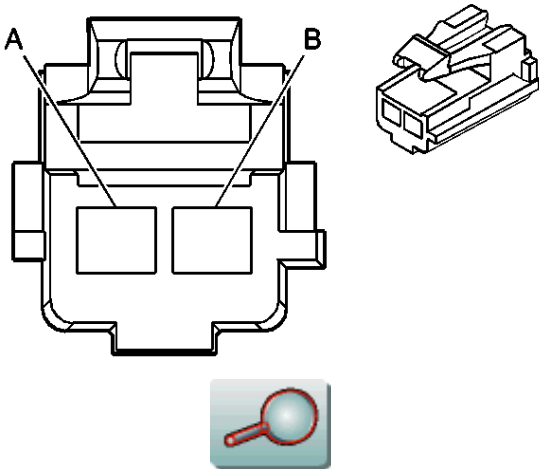




Connector Part Information		• 12064752 • 6-Way F Metri-Pack 150 Series (BLK)	
Pin	Wire Color	Circuit No.	Function
A	YEL	1257	Driver Seat Torso Bolster in Control
B	PPL	1258	Driver Seat Torso Bolster Out Control
C	WHT	5287	Voltage Reference
D	BRN/WHT	5288	Low Reference
E	PPL	5700	Driver Seat Torso Bolster Position Sensor Signal
F	--	--	Not Used

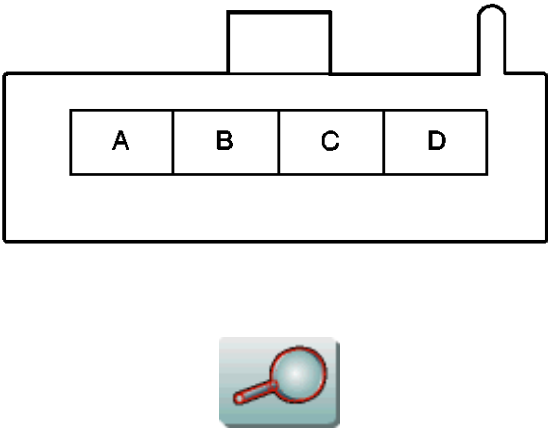
Seat Recliner Motor - Driver





Connector Part Information		• 12129082 • 2-Way F Metri-Pack 280 Series (GRY)	
Pin	Wire Color	Circuit No.	Function
A	LT BLU	277	Driver Seat Recline Motor Rearward Control
B	LT GRN	276	Driver Seat Recline Motor Forward Control

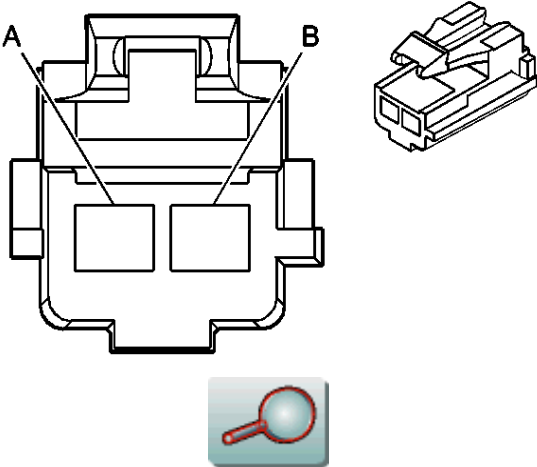
Seat Recliner Motor Position Sensor - Driver



Connector Part Information		• 12059584	
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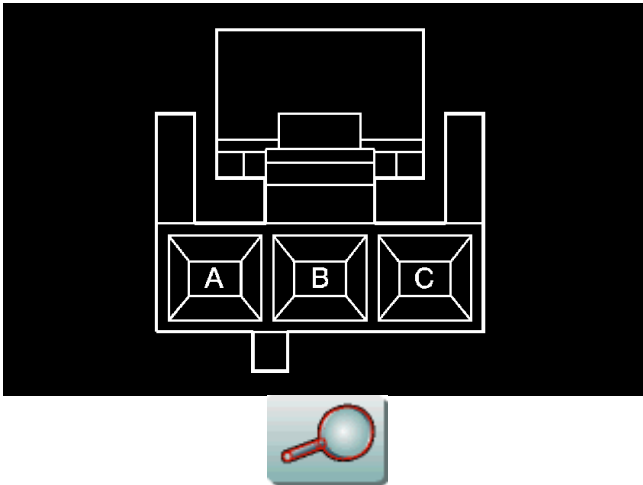
		• 3-Way F Metri-Pack 150 Series (BLK)	
Pin	Wire Color	Circuit No.	Function
A	--	--	Not Used
B	BLK	570C	Low Reference
C	BLK/WHT	570	Driver Seat Recline Position Sensor Signal
D	WHT	570D	5-Volt Reference

Seat Recliner Motor - Front Passenger



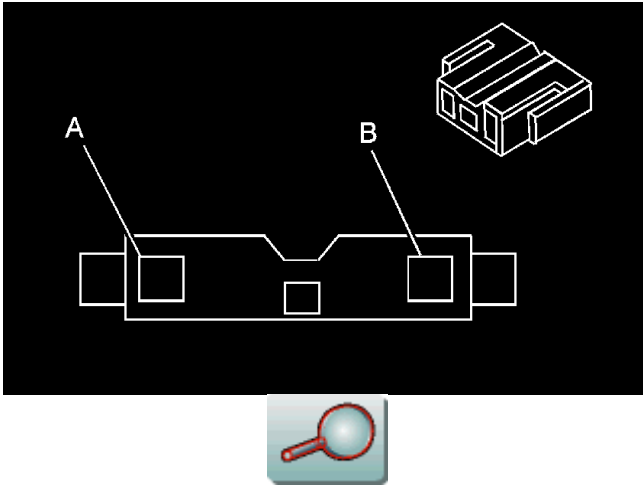
Connector Part Information		• 12129082 • 2-Way F Metri-Pack 280 Series (GRY)	
Pin	Wire Color	Circuit No.	Function
A	DK BLU	77	Front Passenger Seat Recline Motor Rearward Control
B	DK GRN	76	Front Passenger Seat Recline Motor Forward Control

Seat Front Vertical Motor Position Sensor - Driver



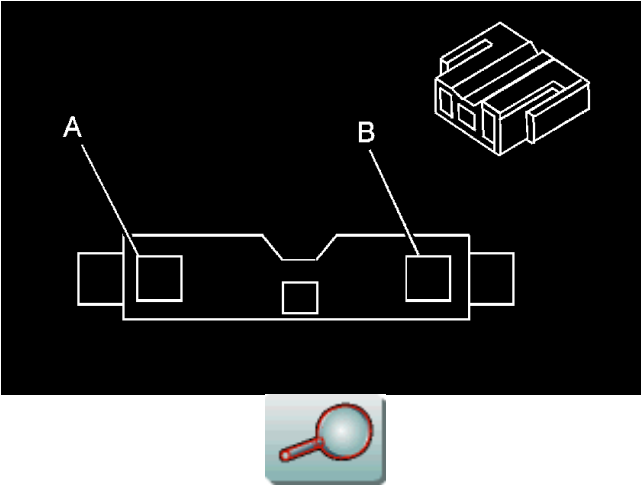
Connector Part Information		• 104257-2 • 3-Way F Amp (BLK)	
Pin	Wire Color	Circuit No.	Function
A	RED	940	5-Volt Reference
B	LT BLU	557	Front Vertical Seat Motor Position Sensor Signal
C	BLK	950	Low Reference

Seat Front Vertical Motor - Driver



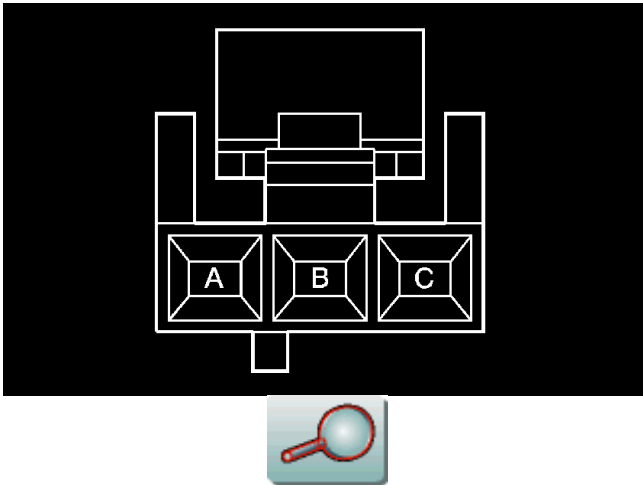
Connector Part Information		• 12052109 • 2-Way F M/P 280 Series (BLK)	
Pin	Wire Color	Circuit No.	Function
A	BLK	287	Driver Seat Front Vertical Motor Down Control
B	RED	286	Driver Seat Front Vertical Motor Up Control

Seat Front Vertical Motor - Front Passenger



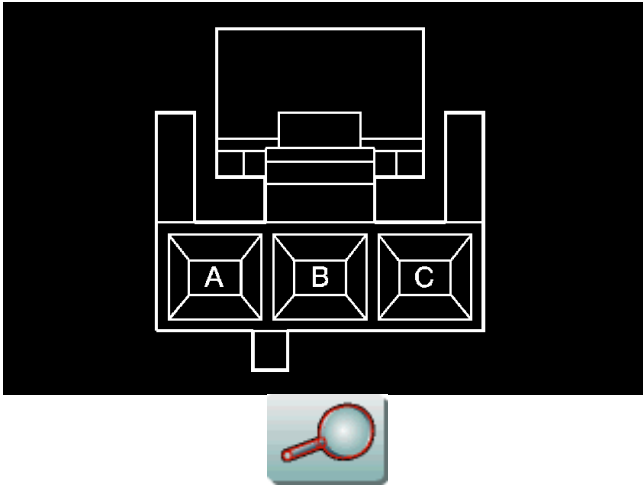
Connector Part Information		• 12052109 • 2-Way F M/P 280 Series (BLK)	
Pin	Wire Color	Circuit No.	Function
A	RED	1518	Power Seat Front Vertical Up Switch Signal
B	BLK	1520	Power Seat Front Vertical Down Switch Signal

Seat Horizontal Motor Position Sensor - Driver



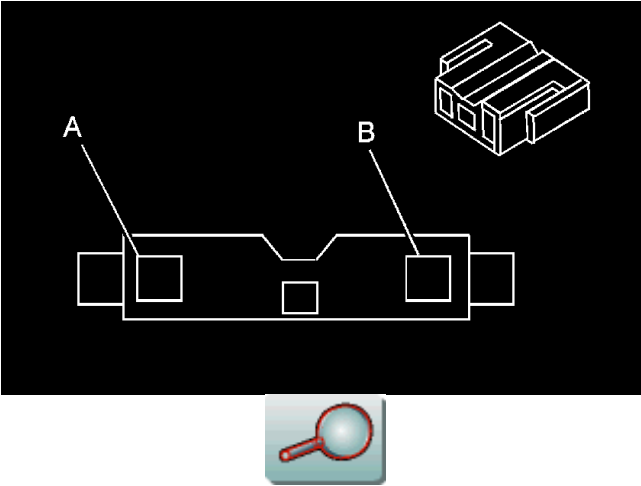
Connector Part Information		• 104257-2 • 3-Way F Amp (BLK)	
Pin	Wire Color	Circuit No.	Function
A	RED	940	5-Volt Reference
B	LT BLU	569	Horizontal Seat Motor Position Sensor Signal
C	BLK	950	Low Reference

Seat Rear Vertical Motor Position Sensor - Driver



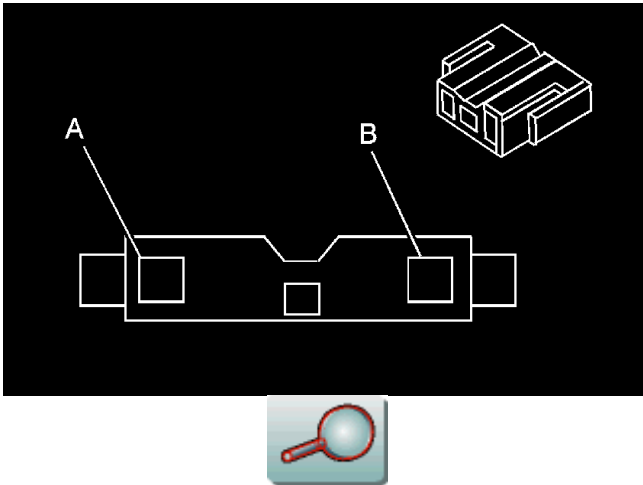
Connector Part Information		• 104257-2 • 3-Way F M/P 150 Series (BLK)	
Pin	Wire Color	Circuit No.	Function
A	RED	940	5-Volt Reference
B	LT BLU	568	Rear Vertical Seat Motor Position Sensor Signal
C	BLK	950	Low Reference

Seat Rear Vertical Motor - Driver

			
Connector Part Information		• 12129082 • 2-Way F M/P 280 Series (BLK)	
Pin	Wire Color	Circuit No.	Function
A	BLK	283	Driver Seat Rear Vertical Motor Down Control
B	RED	282	Driver Seat Rear Vertical Motor Up Control

Seat Rear Vertical Motor - Front Passenger

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Connector Part Information		• 12129082 • 2-Way F M/P 280 Series (BLK)	
Pin	Wire Color	Circuit No.	Function
A	RED	1519	Power Seat Rear Vertical Up Switch Signal
B	BLK	1521	Power Seat Rear Vertical Down Switch Signal

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