Driver Door Module

	Pin	Description and Characteristic
O	DD12–7	MEMORY SET INDICATOR ACTIVATE: TO ACTIVATE, DDM SWITCHES CIRCUIT TO B+
I	DD12–10	MEMORY 1, 2, 3, SET INPUT SIGNAL: VARIABLE RESISTANCE
S	DD13–3	SCP NETWORK +
S	DD13–4	SCP NETWORK –
O	DD13–8	POWER GROUND: GROUND
B+	DD13–11	BATTERY POWER SUPPLY: LOGIC: B+

Driver Seat Module

	Pin	Description and Characteristic
S	SD2–1	SCP+
I	SD2–4	SEAT CUSHION FRONT RAISE REQUEST: ACTIVE = B+
I	SD2–5	SEAT CUSHION FRONT LOWER REQUEST: ACTIVE = B+
I	SD2–10	SEAT BACK RECLINE REARWARD REQUEST: ACTIVE = B+
I	SD2–11	SEAT BACK RECLINE FORWARD REQUEST: ACTIVE = B+
S	SD2–12	SCP –
I	SD2–15	HEAD REST RAISE REQUEST: ACTIVE = B+
I	SD2–16	HEADREST LOWER REQUEST: ACTIVE = B+
I	SD2–17	SEAT RAISE REQUEST: ACTIVE = B+
I	SD2–18	SEAT LOWER REQUEST: ACTIVE = B+
I	SD2–19	SEAT FORWARD REQUEST: ACTIVE = B+
I	SD2–20	SEAT REARWARD REQUEST: ACTIVE = B+
O	SD3–1	SEAT HEIGHT MOTOR DRIVE – RAISE: TO ACTIVATE, DSCM SWITCHES CIRCUIT TO B+
O	SD3–2	SEAT HEIGHT MOTOR DRIVE – LOWER: TO ACTIVATE, DSCM SWITCHES CIRCUIT TO B+
PG	SD3–5	POWER GROUND: GROUND
B+	SD3–6	BATTERY POWER SUPPLY: B+
I	SD4–7	SEAT CUSHION FRONT POSITION SENSOR SIGNAL: 5 V PULSED SIGNAL
I	SD4–8	SEAT HEIGHT POSITION SENSOR SIGNAL: 5 V PULSED SIGNAL
I	SD4–9	HEADREST POSITION SENSOR SIGNAL: 5 V PULSED SIGNAL
I	SD4–10	SEAT BACK RECLINE POSITION SENSOR SIGNAL: 5 V PULSED SIGNAL
SG	SD4–11	SIGNAL GROUND: GROUND
B+	SD4–13	BATTERY POWER SUPPLY – LOGIC: B+
I	SD4–22	SEAT POSITION SENSOR SIGNAL: 5 V PULSED SIGNAL
SG	SD4–25	SIGNAL GROUND: GROUND
SG	SD4–26	LOGIC GROUND: GROUND
O	SD24–1	SEAT POSITION MOTOR DRIVE – FORWARD: TO ACTIVATE, DSCM SWITCHES CIRCUIT TO B+
O	SD24–2	SEAT POSITION MOTOR DRIVE – REARWARD: TO ACTIVATE, DSCM SWITCHES CIRCUIT TO B+
O	SD26–3	SEAT BACK RECLINE MOTOR DRIVE – REARWARD: TO ACTIVATE, DSCM SWITCHES CIRCUIT TO B+
O	SD26–4	SEAT BACK RECLINE MOTOR DRIVE – FORWARD: TO ACTIVATE, DSCM SWITCHES CIRCUIT TO B+
PG	SD27–1	POWER GROUND: GROUND
B+	SD27–2	BATTERY POWER SUPPLY: B+
O	SD27–3	HEADREST POSITION MOTOR DRIVE – RAISE: TO ACTIVATE, DSCM SWITCHES CIRCUIT TO B+
O	SD27–4	HEADREST POSITION MOTOR DRIVE – LOWER: TO ACTIVATE, DSCM SWITCHES CIRCUIT TO B+
O	SD27–5	SEAT CUSHION FRONT MOTOR DRIVE – RAISE: TO ACTIVATE, DSCM SWITCHES CIRCUIT TO B+
O	SD27–6	SEAT CUSHION FRONT MOTOR DRIVE – LOWER: TO ACTIVATE, DSCM SWITCHES CIRCUIT TO B+

The following abbreviations are used to represent values for Control Module Pin-Out data

I	**Input**	**PG**	**Power Ground**	**C**	**CAN Network**	**D**	**Serial and Encoded Data**
O	**Output**	**SS**	**Sensor / Signal Supply V**	**S**	**SCP Network**	**V**	**Voltage (DC)**
B+	**Battery Voltage**	**SG**	**Sensor / Signal Ground**	**D2**	**D2B Network**	**PWM**	**Pulse Width Modulated**

CAUTION: The information on this data page is furnished to aid the user in understanding circuit operation. THIS INFORMATION SHOULD BE USED FOR REFERENCE ONLY.

NOTE: The values listed are approximately those that can be expected at the control module connector pins with all circuit connections made and all components connected and fitted.

Fig. 11.1

COMPONENTS

Component	Connector(s)	Connector Description	Location
DRIVER DOOR MODULE	DD11	20-WAY / BLACK	DRIVER DOOR
	DD12	26-WAY / BLACK	
	DD13	26-WAY / NATURAL	
DRIVER SEAT MODULE	SD2	22-WAY / BLACK	UNDER DRIVER SEAT
	SD3	6-WAY / BLACK	
	SD4	6-WAY / BLACK	
	SD24	4-WAY / BLACK	
	SD26	4-WAY / BLACK	
	SD27	6-WAY / BLACK	
MEMORY SWITCH PACK – DRIVER	DT5	8-WAY / BLACK	DRIVER DOOR TRIM
SEAT CUSHION FRONT RAISE / LOWER MOTOR AND POSITION SENSOR – DRIVER	SD6	5-WAY / BLACK	DRIVER SEAT CUSHION / UNDER
SEAT CUSHION REAR RAISE / LOWER MOTOR AND POSITION SENSOR – DRIVER	SD12	5-WAY / BLACK	DRIVER SEAT CUSHION / UNDER
SEAT FORE / AFT MOTOR AND POSITION SENSOR – DRIVER	SD8	5-WAY / BLACK	DRIVER SEAT CUSHION / UNDER
SEAT HEADREST MOTOR AND POSITION SENSOR – DRIVER	SD9	5-WAY / BLACK	DRIVER SEAT BACK / UPPER
SEAT INCLINE / RECLINE MOTOR AND POSITION SENSOR – DRIVER	SD13	5-WAY / BLACK	DRIVER SEAT BACK / LOWER
SEAT LUMBAR PUMP – 12-WAY SEAT – DRIVER	DL4	6-WAY / BLACK	DRIVER SEAT BACK / LOWER
SEAT SWITCH PACK – DRIVER	SD5	12-WAY / BLACK	DRIVER SEAT / OUTBOARD
	SD29	14-WAY / BLACK	

HARNESS IN-LINE CONNECTORS

Connector	Connector Description / Location	Location
DD1	22-WAY / BLACK / CABIN HARNESS TO DRIVER DOOR HARNESS	CABIN / DRIVER SIDE 'A' POST
DD3	10-WAY / GREY / DRIVER DOOR HARNESS TO INSTRUMENT PANEL HARNESS	CABIN / DRIVER SIDE 'A' POST
DL2	6-WAY / BLACK / DRIVER SEAT HARNESS TO DRIVER SEAT LUMBAR HARNESS	CABIN / BEHIND DRIVER SEAT BACK
DT1	16-WAY / GREEN / DRIVER DOOR HARNESS TO DRIVER DOOR TRIM HARNESS	CABIN / BEHIND DRIVER DOOR TRIM
DT6	16-WAY / BLUE / DRIVER DOOR HARNESS TO DRIVER DOOR TRIM HARNESS	CABIN / BEHIND DRIVER DOOR TRIM
SD1	4-WAY / GREY / DRIVER SEAT HARNESS TO CABIN HARNESS	CABIN / BELOW DRIVER SEAT
SD28	20-WAY / BLACK / DRIVER SEAT HARNESS TO CABIN HARNESS	CABIN / BELOW DRIVER SEAT

GROUNDS

Ground	Location
G9	CABIN / UPPER LH A POST
G10	CABIN / RH 'A' POST
G12	CABIN / BELOW DRIVER SEAT
G13	CABIN / BELOW PASSENGER SEAT

FOR CONTROL MODULE PIN-OUT INFORMATION, UNFOLD PAGE TO LEFT.

Refer to the front of this book for detailed information and illustrations regarding the location and identification of harnesses, relays, fuses, grounds, control modules and control module pins.

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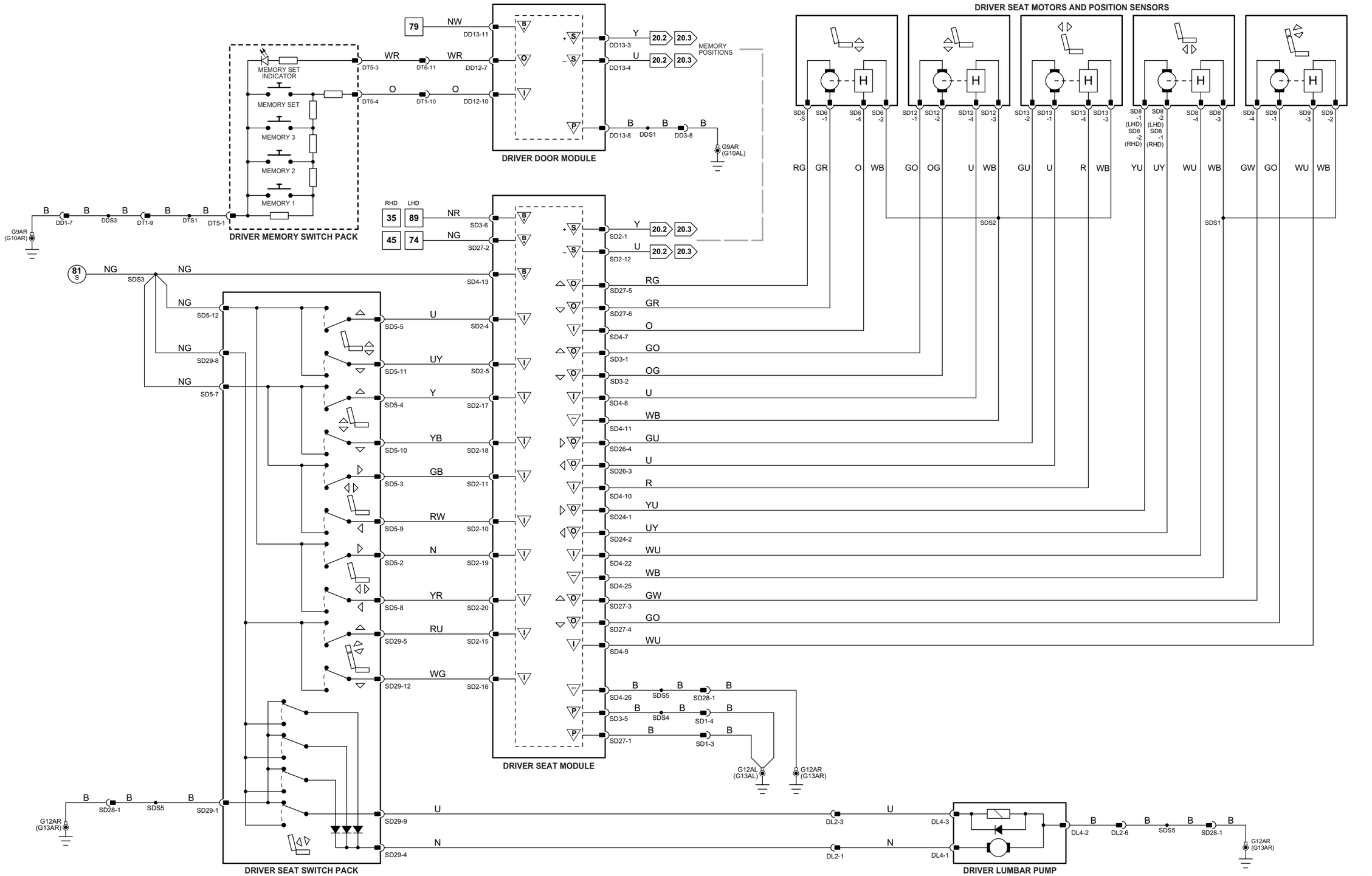

1 → 6 Fig. 01.1	64 → 95 Fig. 01.3	16 → 52 Fig. 01.5	78 → 105 Fig. 01.7	I Input	B Battery Voltage	+ Sensor/Signal Supply V	A ACP	S SCP	**VARIANT:**	12-way Driver Seat Memory Vehicles
7 → 63 Fig. 01.2	1 → 15 Fig. 01.4	53 → 77 Fig. 01.6	106 → 143 Fig. 01.8	O Output	P Power Ground	− Sensor/Signal Ground	C CAN	D Serial and Encoded Data	**VIN RANGE:**	All
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Driver Seat Module

	Pin	Description and Characteristic
S	SD2–1	SCP+
I	SD2–4	SEAT CUSHION FRONT RAISE REQUEST: ACTIVE = B+
I	SD2–5	SEAT CUSHION FRONT LOWER REQUEST: ACTIVE = B+
I	SD2–10	SEAT BACK RECLINE REARWARD REQUEST: ACTIVE = B+
I	SD2–11	SEAT BACK RECLINE FORWARD REQUEST: ACTIVE = B+
S	SD2–12	SCP –
I	SD2–15	HEAD REST RAISE REQUEST: ACTIVE = B+
I	SD2–16	HEADREST LOWER REQUEST: ACTIVE = B+
I	SD2–17	SEAT RAISE REQUEST: ACTIVE = B+
I	SD2–18	SEAT LOWER REQUEST: ACTIVE = B+
I	SD2–19	SEAT FORWARD REQUEST: ACTIVE = B+
I	SD2–20	SEAT REARWARD REQUEST: ACTIVE = B+
I	SD2–21	SEAT CUSHION EXTEND REARWARD REQUEST: ACTIVE = B+
I	SD2–22	SEAT CUSHION EXTEND FORWARD REQUEST: ACTIVE = B+
O	SD3–1	SEAT HEIGHT MOTOR DRIVE – RAISE: TO ACTIVATE, DSCM SWITCHES CIRCUIT TO B+
O	SD3–2	SEAT HEIGHT MOTOR DRIVE – LOWER: TO ACTIVATE, DSCM SWITCHES CIRCUIT TO B+
PG	SD3–5	POWER GROUND: GROUND
B+	SD3–6	BATTERY POWER SUPPLY: B+
I	SD4–7	SEAT CUSHION FRONT POSITION SENSOR SIGNAL: 5 V PULSED SIGNAL
I	SD4–8	SEAT HEIGHT POSITION SENSOR SIGNAL: 5 V PULSED SIGNAL
I	SD4–9	HEADREST POSITION SENSOR SIGNAL: 5 V PULSED SIGNAL
I	SD4–10	SEAT BACK RECLINE POSITION SENSOR SIGNAL: 5 V PULSED SIGNAL
SG	SD4–11	SIGNAL GROUND: GROUND
SG	SD4–12	SIGNAL GROUND: GROUND
B+	SD4–13	BATTERY POWER SUPPLY – LOGIC: B+
I	SD4–22	SEAT POSITION SENSOR SIGNAL: 5 V PULSED SIGNAL
I	SD4–23	SEAT CUSHION EXTEND POSITION SENSOR SIGNAL: 5 V PULSED SIGNAL
SG	SD4–25	SIGNAL GROUND: GROUND
SG	SD4–26	LOGIC GROUND: GROUND
O	SD24–1	SEAT POSITION MOTOR DRIVE – FORWARD: TO ACTIVATE, DSCM SWITCHES CIRCUIT TO B+
O	SD24–2	SEAT POSITION MOTOR DRIVE – REARWARD: TO ACTIVATE, DSCM SWITCHES CIRCUIT TO B+
O	SD24–3	SEAT CUSHION EXTEND MOTOR DRIVE – REARWARD: TO ACTIVATE, DSCM SWITCHES CIRCUIT TO B+
O	SD24–4	SEAT CUSHION EXTEND MOTOR DRIVE – FORWARD: TO ACTIVATE, DSCM SWITCHES CIRCUIT TO B+
O	SD26–3	SEAT BACK RECLINE MOTOR DRIVE – REARWARD: TO ACTIVATE, DSCM SWITCHES CIRCUIT TO B+
O	SD26–4	SEAT BACK RECLINE MOTOR DRIVE – FORWARD: TO ACTIVATE, DSCM SWITCHES CIRCUIT TO B+
PG	SD27–1	POWER GROUND: GROUND
B+	SD27–2	BATTERY POWER SUPPLY: B+
O	SD27–3	HEADREST POSITION MOTOR DRIVE – RAISE: TO ACTIVATE, DSCM SWITCHES CIRCUIT TO B+
O	SD27–4	HEADREST POSITION MOTOR DRIVE – LOWER: TO ACTIVATE, DSCM SWITCHES CIRCUIT TO B+
O	SD27–5	SEAT CUSHION FRONT MOTOR DRIVE – RAISE: TO ACTIVATE, DSCM SWITCHES CIRCUIT TO B+
O	SD27–6	SEAT CUSHION FRONT MOTOR DRIVE – LOWER: TO ACTIVATE, DSCM SWITCHES CIRCUIT TO B+

Fig. 11.2

COMPONENTS

Component	Connector(s)	Connector Description	Location
DRIVER SEAT MODULE	SD2	22-WAY / BLACK	UNDER DRIVER SEAT
	SD3	6-WAY / BLACK	
	SD4	26-WAY / BLACK	
	SD24	4-WAY / BLACK	
	SD26	4-WAY / BLACK	
	SD27	6-WAY / BLACK	
SEAT CUSHION EXTEND MOTOR AND POSITION SENSOR – DRIVER	SD7	5-WAY / BLACK	DRIVER SEAT CUSHION / UNDER
SEAT CUSHION FRONT RAISE / LOWER MOTOR AND POSITION SENSOR – DRIVER	SD6	5-WAY / BLACK	DRIVER SEAT CUSHION / UNDER
SEAT CUSHION REAR RAISE / LOWER MOTOR AND POSITION SENSOR – DRIVER	SD12	5-WAY / BLACK	DRIVER SEAT CUSHION / UNDER
SEAT FORE / AFT MOTOR AND POSITION SENSOR – DRIVER	SD8	5-WAY / BLACK	DRIVER SEAT CUSHION / UNDER
SEAT HEADREST MOTOR AND POSITION SENSOR – DRIVER	SD9	5-WAY / BLACK	DRIVER SEAT BACK / UPPER
SEAT INCLINE / RECLINE MOTOR AND POSITION SENSOR – DRIVER	SD13	5-WAY / BLACK	DRIVER SEAT BACK / LOWER
SEAT LUMBAR PUMP – 16-WAY SEAT – DRIVER	DL3	2-WAY / BLACK	DRIVER SEAT BACK / LOWER
SEAT LUMBAR SOLENOIDS – DRIVER	DL1	6-WAY / BLACK	DRIVER SEAT BACK / UPPER
SEAT SWITCH PACK – DRIVER	SD5	12-WAY / BLACK	DRIVER SEAT / OUTBOARD
	SD29	14-WAY / BLACK	

HARNESS IN-LINE CONNECTORS

Connector	Connector Description / Location	Location
DL2	6-WAY / BLACK / DRIVER SEAT HARNESS TO DRIVER SEAT LUMBAR HARNESS	CABIN / BEHIND DRIVER SEAT BACK
SD1	4-WAY / GREY / DRIVER SEAT HARNESS TO CABIN HARNESS	CABIN / BELOW DRIVER SEAT
SD28	20-WAY / BLACK / DRIVER SEAT HARNESS TO CABIN HARNESS	CABIN / BELOW DRIVER SEAT

GROUNDS

Ground	Location
G12	CABIN / BELOW DRIVER SEAT
G13	CABIN / BELOW PASSENGER SEAT

FOR CONTROL MODULE PIN-OUT INFORMATION, UNFOLD PAGE TO LEFT.

The following abbreviations are used to represent values for Control Module Pin-Out data

I	Input	PG	Power Ground	C	CAN Network	D	Serial and Encoded Data
O	Output	SS	Sensor / Signal Supply V	S	SCP Network	V	Voltage (DC)
B+	Battery Voltage	SG	Sensor / Signal Ground	D2	D2B Network	PWM	Pulse Width Modulated

CAUTION: The information on this data page is furnished to aid the user in understanding circuit operation. THIS INFORMATION SHOULD BE USED FOR REFERENCE ONLY.

NOTE: The values listed are approximately those that can be expected at the control module connector pins with all circuit connections made and all components connected and fitted.

Refer to the front of this book for detailed information and illustrations regarding the location and identification of harnesses, relays, fuses, grounds, control modules and control module pins.

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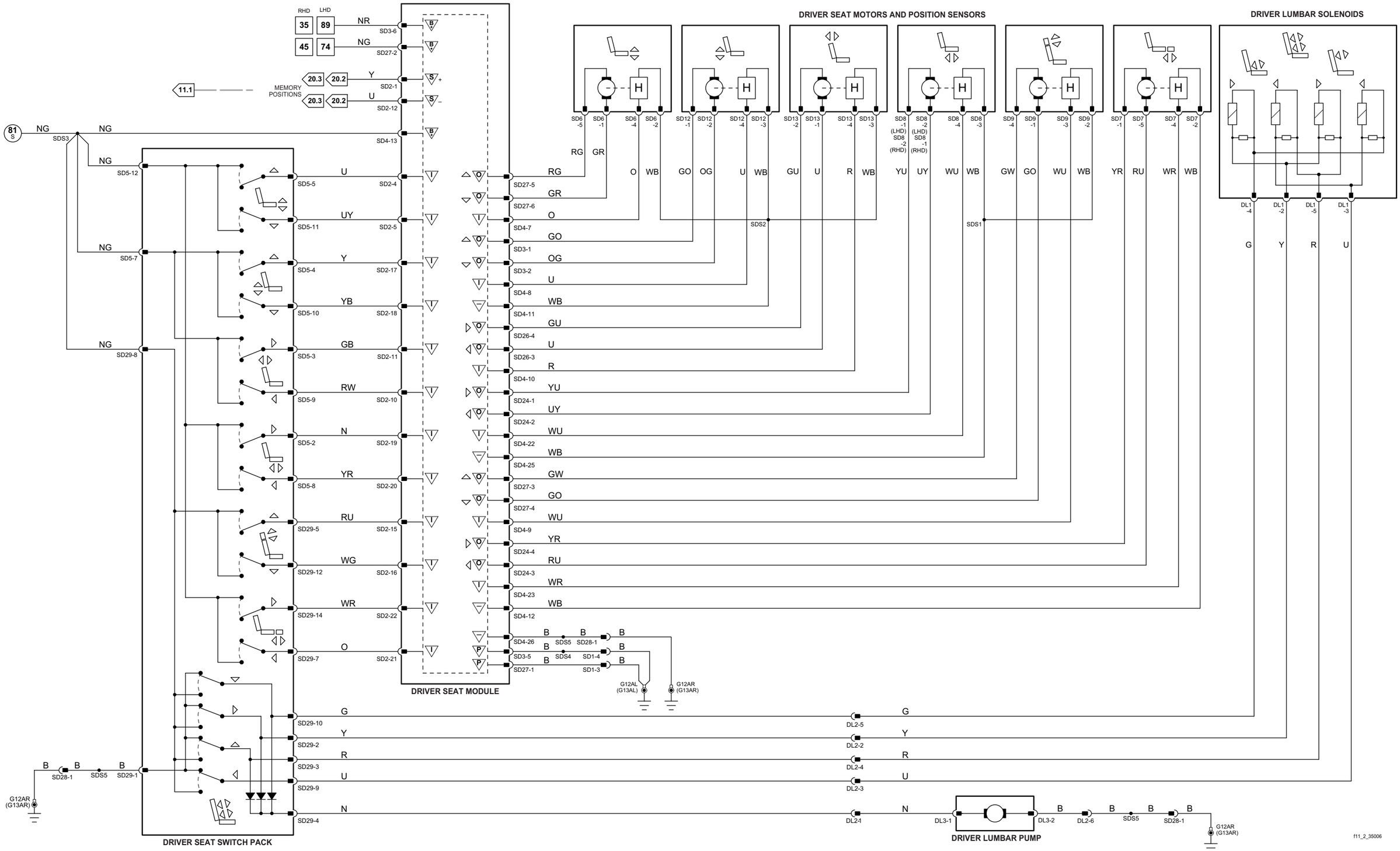
Driver Seat: 16-way Movement with Memory



1 → 6 Fig. 01.1	64 → 95 Fig. 01.3	16 (B) → 52 (B) Fig. 01.5	78 (S) → 105 (S) Fig. 01.7	I Input	B Battery Voltage	+ Sensor/Signal Supply V	A ACP	S SCP	**VARIANT:**	16-way Driver Seat Memory Vehicles
7 → 63 Fig. 01.2	1 (I) → 15 (B) Fig. 01.4	53 (S) → 77 (S) Fig. 01.6	106 (E) → 143 (E) Fig. 01.8	O Output	P Power Ground	− Sensor/Signal Ground	C CAN	D Serial and Encoded Data	**VIN RANGE:**	All
									DATE OF ISSUE:	April 2006

Fig. 11.3

COMPONENTS

Component	Connector(s)	Connector Description	Location
SEAT CUSHION FRONT RAISE / LOWER MOTOR – DRIVER	SD6	5-WAY / BLACK	DRIVER SEAT CUSHION / UNDER
SEAT CUSHION REAR RAISE / LOWER MOTOR – DRIVER	SD12	5-WAY / BLACK	DRIVER SEAT CUSHION / UNDER
SEAT FORE / AFT MOTOR – DRIVER	SD8	5-WAY / BLACK	DRIVER SEAT CUSHION / UNDER
SEAT HEADREST MOTOR – DRIVER	SD9	5-WAY / BLACK	DRIVER SEAT BACK / UPPER
SEAT INCLINE / RECLINE MOTOR – DRIVER	SD13	5-WAY / BLACK	DRIVER SEAT BACK / LOWER
SEAT LUMBAR PUMP – DRIVER	DL4	3-WAY / BLACK	LOWER SEAT BACK
SEAT SWITCH PACK – DRIVER	SD5	12-WAY / BLACK	DRIVER SEAT / OUTBOARD
	SD18	14-WAY / BLACK	

HARNESS IN-LINE CONNECTORS

Connector	Connector Description / Location	Location
DL2	6-WAY / BLACK / DRIVER SEAT HARNESS TO DRIVER SEAT LUMBAR HARNESS	CABIN / BEHIND DRIVER SEAT BACK
SD1	4-WAY / GREY / DRIVER SEAT HARNESS TO CABIN HARNESS	CABIN / BELOW DRIVER SEAT
SD28	20-WAY / BLACK / DRIVER SEAT HARNESS TO CABIN HARNESS	CABIN / BELOW DRIVER SEAT

GROUNDS

Ground	Location
G12	CABIN / BELOW DRIVER SEAT
G13	CABIN / BELOW PASSENGER SEAT

Refer to the front of this book for detailed information and illustrations regarding the location and identification of harnesses, relays, fuses, grounds, control modules and control module pins.

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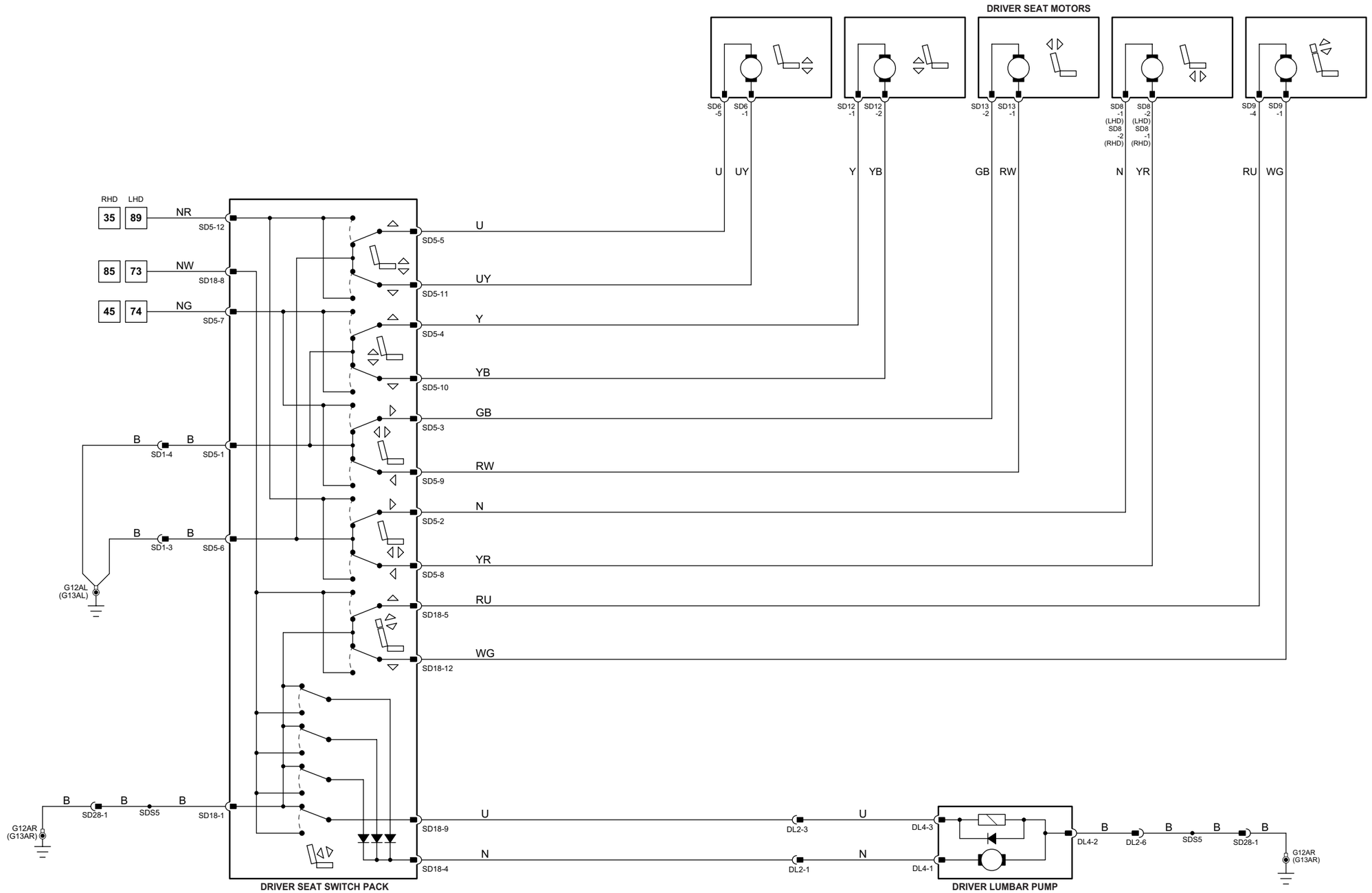

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1 → 6 Fig. 01.1	64 → 95 Fig. 01.3	16 (II) → 52 (II) Fig. 01.5	78 (S) → 105 (S) Fig. 01.7	I Input	B Battery Voltage	+ Sensor/Signal Supply V	A ACP	S SCP	**VARIANT:** Non Memory Driver Seat Vehicles
7 → 63 Fig. 01.2	1 (I) → 15 (II) Fig. 01.4	53 (S) → 77 (S) Fig. 01.6	106 (E) → 143 (E) Fig. 01.8	O Output	P Power Ground	− Sensor/Signal Ground	C CAN	D Serial and Encoded Data	**VIN RANGE:** All
									DATE OF ISSUE: April 2006

Fig. 11.4

COMPONENTS

Component	Connector(s)	Connector Description	Location
SEAT CUSHION FRONT RAISE / LOWER MOTOR – PASSENGER	SP6	5-WAY / BLACK	PASSENGER SEAT CUSHION / UNDER
SEAT CUSHION REAR RAISE / LOWER MOTOR – PASSENGER	SP12	5-WAY / BLACK	PASSENGER SEAT CUSHION / UNDER
SEAT FORE / AFT MOTOR – PASSENGER	SP8	5-WAY / BLACK	PASSENGER SEAT CUSHION / UNDER
SEAT HEADREST MOTOR – PASSENGER	SP9	5-WAY / BLACK	PASSENGER SEAT BACK / UPPER
SEAT INCLINE / RECLINE MOTOR – PASSENGER	SP13	5-WAY / BLACK	PASSENGER SEAT BACK / LOWER
SEAT LUMBAR PUMP – 12-WAY SEAT – PASSENGER	PL4	6-WAY / BLACK	PASSENGER SEAT BACK / LOWER
SEAT SWITCH PACK – PASSENGER	SP5	12-WAY / BLACK	PASSENGER SEAT / OUTBOARD
	SP24	14-WAY / BLACK	

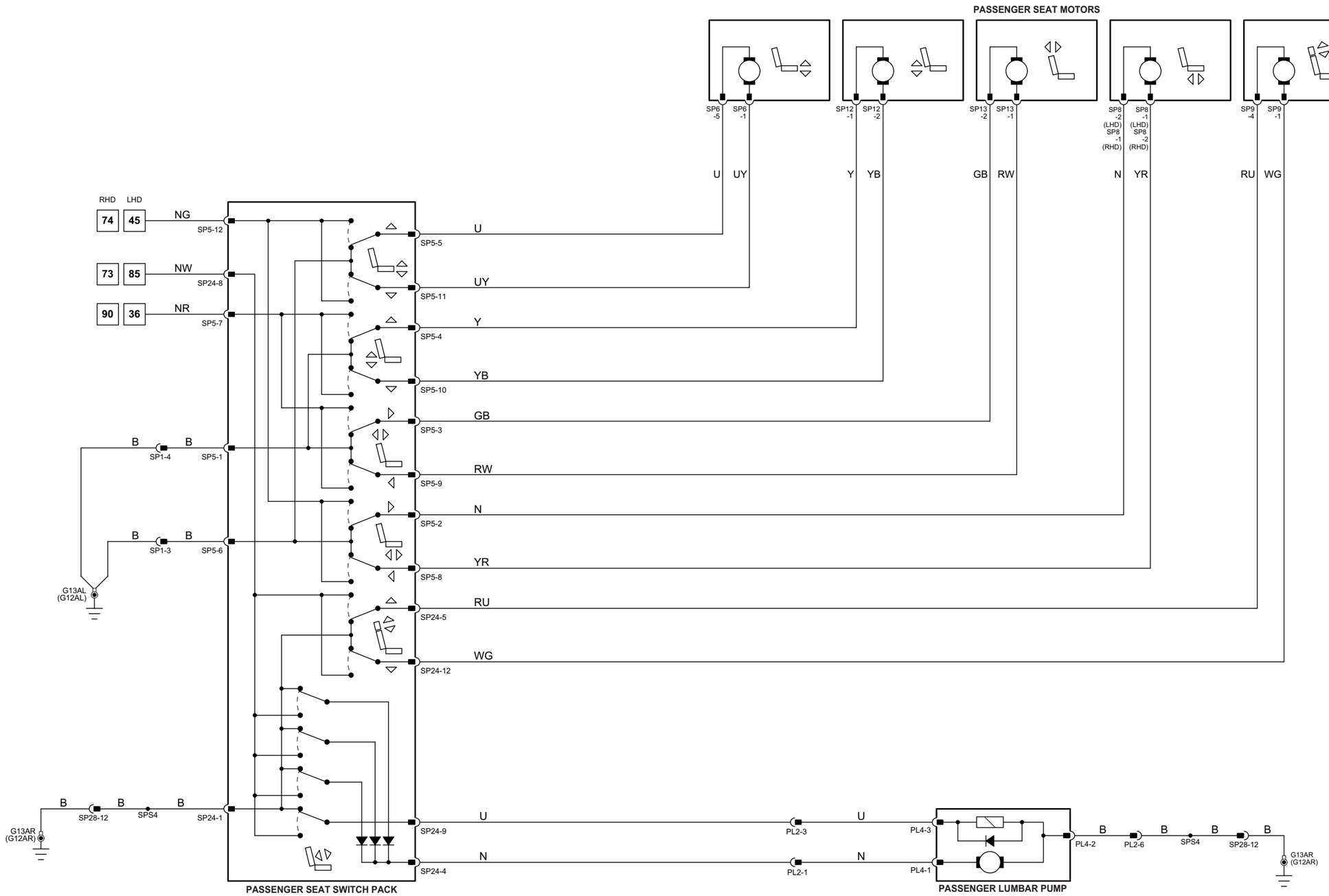
HARNESS IN-LINE CONNECTORS

Connector	Connector Description / Location	Location
PL2	6-WAY / BLACK / PASSENGER SEAT HARNESS TO PASSENGER SEAT LUMBAR HARNESS	CABIN / BEHIND PASSENGER SEAT BACK
SP1	4-WAY / GREY / PASSENGER SEAT HARNESS TO CABIN HARNESS	CABIN / BELOW PASSENGER SEAT
SP28	20-WAY / BLACK / PASSENGER SEAT HARNESS TO CABIN HARNESS	CABIN / BELOW PASSENGER SEAT

GROUNDS

Ground	Location
G12	CABIN / BELOW DRIVER SEAT
G13	CABIN / BELOW PASSENGER SEAT

Refer to the front of this book for detailed information and illustrations regarding the location and identification of harnesses, relays, fuses, grounds, control modules and control module pins.



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1 → 6 Fig. 01.1	64 → 95 Fig. 01.3	16 (N) → 52 (R) Fig. 01.5	78 (S) → 105 (S) Fig. 01.7	I Input	B Battery Voltage	+ Sensor/Signal Supply V	A ACP	S SCP	**VARIANT:**	12-way Passenger Seat Vehicles
7 → 63 Fig. 01.2	1 (I) → 15 (R) Fig. 01.4	53 (S) → 77 (S) Fig. 01.6	106 (E) → 143 (E) Fig. 01.8	O Output	P Power Ground	– Sensor/Signal Ground	C CAN	D Serial and Encoded Data	**VIN RANGE:**	All
									DATE OF ISSUE:	April 2006

Fig. 11.5

COMPONENTS

Component	Connector(s)	Connector Description	Location
SEAT CUSHION EXTEND MOTOR – PASSENGER	SP26	5-WAY / BLACK	PASSENGER SEAT CUSHION / UNDER
SEAT CUSHION FRONT RAISE / LOWER MOTOR – PASSENGER	SP6	5-WAY / BLACK	PASSENGER SEAT CUSHION / UNDER
SEAT CUSHION REAR RAISE / LOWER MOTOR – PASSENGER	SP12	5-WAY / BLACK	PASSENGER SEAT CUSHION / UNDER
SEAT FORE / AFT MOTOR – PASSENGER	SP8	5-WAY / BLACK	PASSENGER SEAT CUSHION / UNDER
SEAT HEADREST MOTOR – PASSENGER	SP9	5-WAY / BLACK	PASSENGER SEAT BACK / UPPER
SEAT INCLINE / RECLINE MOTOR – PASSENGER	SP13	5-WAY / BLACK	PASSENGER SEAT BACK / LOWER
SEAT LUMBAR PUMP – PASSENGER (16-WAY)	PL3	2-WAY / BLACK	LOWER SEAT BACK
SEAT LUMBAR SOLENOIDS – PASSENGER	PL1	6-WAY / BLACK	UPPER SEAT BACK
SEAT SWITCH PACK – PASSENGER	SP5	12-WAY / BLACK	PASSENGER SEAT / OUTBOARD
	SP24	14-WAY / BLACK	

HARNESS IN-LINE CONNECTORS

Connector	Connector Description / Location	Location
PL2	6-WAY / BLACK / PASSENGER SEAT HARNESS TO PASSENGER SEAT LUMBAR HARNESS	CABIN / BEHIND PASSENGER SEAT BACK
SP1	4-WAY / GREY / PASSENGER SEAT HARNESS TO CABIN HARNESS	CABIN / BELOW PASSENGER SEAT
SP28	20-WAY / BLACK / PASSENGER SEAT HARNESS TO CABIN HARNESS	CABIN / BELOW PASSENGER SEAT

GROUNDS

Ground	Location
G12	CABIN / BELOW DRIVER SEAT
G13	CABIN / BELOW PASSENGER SEAT

Refer to the front of this book for detailed information and illustrations regarding the location and identification of harnesses, relays, fuses, grounds, control modules and control module pins.

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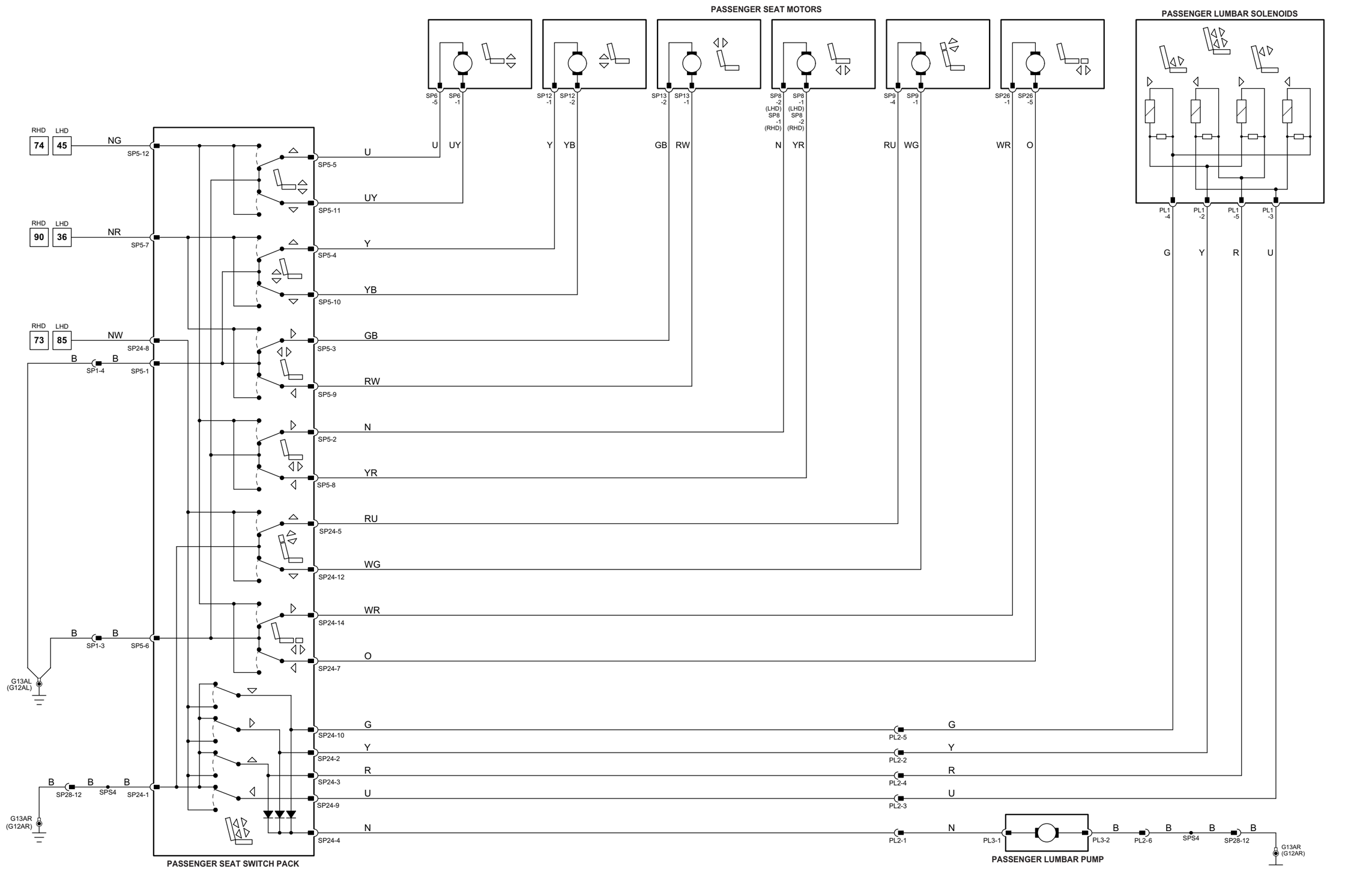


1 → 6 Fig. 01.1
7 → 63 Fig. 01.2
64 → 95 Fig. 01.3
1 → 15 Fig. 01.4
16 → 52 Fig. 01.5
53 → 77 Fig. 01.6
78 → 105 Fig. 01.7
106 → 143 Fig. 01.8

I Input
O Output
B Battery Voltage
P Power Ground
+ Sensor/Signal Supply V
− Sensor/Signal Ground
A ACP
C CAN
S SCP
D Serial and Encoded Data

VARIANT: 16-way Passenger Seat Vehicles
VIN RANGE: All
DATE OF ISSUE: April 2006

Rear Electronic Module

	Pin	Description and Characteristic
PG	CR11–11	POWER GROUND: GROUND
SG	CR11–25	LOGIC GROUND: GROUND
O	CR12–2	REAR WINDOW ISOLATE: TO ISOLATE, REM INTERRUPTS GROUND SUPPLY

Fig. 11.6

COMPONENTS

Component	Connector(s)	Connector Description	Location
REAR ELECTRONIC MODULE	CR4	20-WAY / BLACK	TRUNK / RH REAR
	CR11	26-WAY / NATURAL	
	CR12	12-WAY / BLACK	
	CR13	22-WAY / BLACK	
	CR71	17-WAY / BLACK	
	CR73	4-WAY / BLACK	
REAR OVERRIDE RELAY PACK	SP31	8-WAY / BLACK	PASSENGER SEAT CUSHION / UNDER
	SP32	8-WAY / BLACK	
REAR SEAT SWITCH PACK – LH	LS5	22-WAY / BLACK	LH REAR SEAT CUSHION / OUTBOARD
REAR SEAT SWITCH PACK – RH	RS5	22-WAY / BLACK	RH REAR SEAT CUSHION / OUTBOARD
SEAT CUSHION EXTEND MOTOR – PASSENGER	SP26	5-WAY / BLACK	PASSENGER SEAT CUSHION / UNDER
SEAT CUSHION FRONT RAISE / LOWER MOTOR – PASSENGER	SP6	5-WAY / BLACK	PASSENGER SEAT CUSHION / UNDER
SEAT CUSHION REAR RAISE / LOWER MOTOR – PASSENGER	SP12	5-WAY / BLACK	PASSENGER SEAT CUSHION / UNDER
SEAT FORE / AFT MOTOR – PASSENGER	SP8	5-WAY / BLACK	PASSENGER SEAT CUSHION / UNDER
SEAT HEADREST MOTOR – PASSENGER	SP9	5-WAY / BLACK	PASSENGER SEAT BACK / UPPER
SEAT INCLINE / RECLINE MOTOR – PASSENGER	SP13	5-WAY / BLACK	PASSENGER SEAT BACK / LOWER
SEAT LUMBAR PUMP – PASSENGER (16-WAY)	PL3	2-WAY / BLACK	LOWER SEAT BACK
SEAT LUMBAR SOLENOIDS – PASSENGER	PL1	6-WAY / BLACK	UPPER SEAT BACK
SEAT SWITCH PACK – PASSENGER	SP5	12-WAY / BLACK	PASSENGER SEAT / OUTBOARD
	SP24	14-WAY / BLACK	

HARNESS IN-LINE CONNECTORS

Connector	Connector Description / Location	Location
LS1	22-WAY / BLACK / CABIN HARNESS TO LH REAR SEAT HARNESS	CABIN / BELOW LH REAR SEAT
PL2	6-WAY / BLACK / PASSENGER SEAT HARNESS TO PASSENGER SEAT LUMBAR HARNESS	CABIN / BEHIND PASSENGER SEAT BACK
RS1	22-WAY / BLACK / CABIN HARNESS TO REAR SEAT HARNESS	CABIN / BELOW REAR SEAT / RH SIDE
SP1	4-WAY / GREY / PASSENGER SEAT HARNESS TO CABIN HARNESS	CABIN / BELOW PASSENGER SEAT
SP28	20-WAY / BLACK / PASSENGER SEAT HARNESS TO CABIN HARNESS	CABIN / BELOW PASSENGER SEAT

GROUNDS

Ground	Location
G12	CABIN / BELOW DRIVER SEAT
G13	CABIN / BELOW PASSENGER SEAT
G24	TRUNK / RH SIDE / REAR ELECTRONIC MODULE

FOR CONTROL MODULE PIN-OUT INFORMATION, UNFOLD PAGE TO LEFT.

The following abbreviations are used to represent values for Control Module Pin-Out data

I	**Input**	**PG**	**Power Ground**	**C**	**CAN Network**	**D**	**Serial and Encoded Data**
O	**Output**	**SS**	**Sensor / Signal Supply V**	**S**	**SCP Network**	**V**	**Voltage (DC)**
B+	**Battery Voltage**	**SG**	**Sensor / Signal Ground**	**D2**	**D2B Network**	**PWM**	**Pulse Width Modulated**

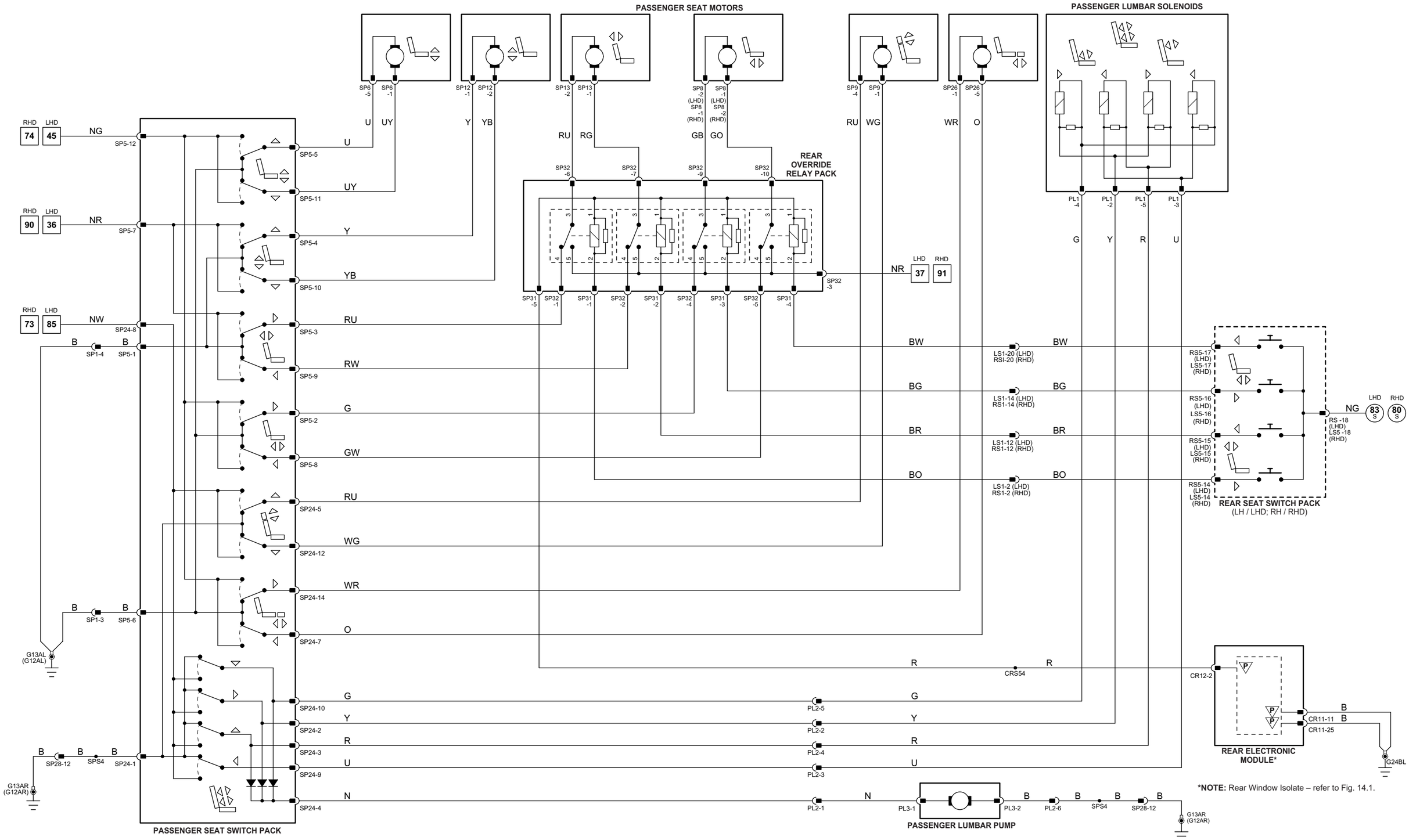
CAUTION: The information on this data page is furnished to aid the user in understanding circuit operation. THIS INFORMATION SHOULD BE USED FOR REFERENCE ONLY.

NOTE: The values listed are approximately those that can be expected at the control module connector pins with all circuit connections made and all components connected and fitted.

Refer to the front of this book for detailed information and illustrations regarding the location and identification of harnesses, relays, fuses, grounds, control modules and control module pins.

DATE OF ISSUE: April 2006

Passenger Seat: 16-way Movement with Rear Override



1 → 6 Fig. 01.1	64 → 95 Fig. 01.3	16 II → 52 II Fig. 01.5	78 S → 105 S Fig. 01.7	I Input	B Battery Voltage	+ Sensor/Signal Supply V	A ACP	S SCP	**VARIANT:**	Powered Rear Seats Vehicles
7 → 63 Fig. 01.2	1 I → 15 II Fig. 01.4	53 S → 77 S Fig. 01.6	106 E → 143 E Fig. 01.8	O Output	P Power Ground	− Sensor/Signal Ground	C CAN	D Serial and Encoded Data	**VIN RANGE:**	All
									DATE OF ISSUE:	April 2006

Fig. 11.7

COMPONENTS

Component	Connector(s)	Connector Description	Location
CENTER CONSOLE SWITCH PACK	CL1	8-WAY / BLACK	CENTER CONSOLE
	CL2	8-WAY / BLACK	
FRONT ELECTRONIC MODULE	CR1	26-WAY / BLACK	CABIN / LH 'A' POST
	CR9	12-WAY / BLACK	
	CR10	17-WAY / BLACK	
	CR85	20-WAY / BLACK	
	EC36	22-WAY / BLACK	
SEAT BACK HEATER – DRIVER	SD15	2-WAY / BLACK	DRIVER SEAT BACK
SEAT BACK HEATER – PASSENGER	SP15	2-WAY / BLACK	PASSENGER SEAT BACK
SEAT CUSHION HEATERS – DRIVER	SD14	4-WAY / BLACK	DRIVER SEAT CUSHION
SEAT CUSHION HEATERS – PASSENGER	SP14	4-WAY / BLACK	PASSENGER SEAT CUSHION

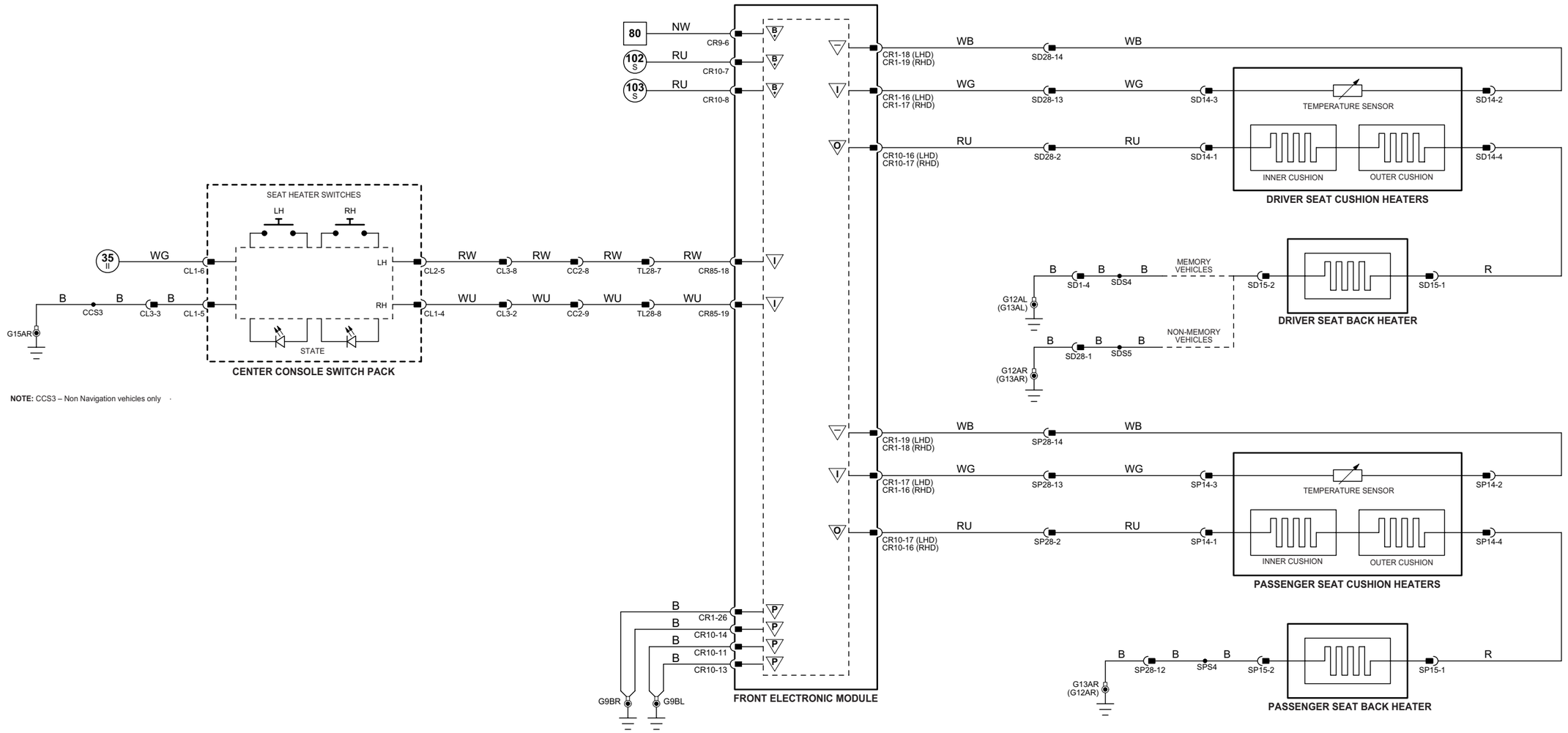
HARNESS IN-LINE CONNECTORS

Connector	Connector Description / Location	Location
CC2	22-WAY / BLACK / TELEMATICS HARNESS TO CENTER CONSOLE HARNESS	CABIN / BELOW CENTER CONSOLE
CL3	16-WAY / GREY / CENTER CONSOLE HARNESS TO CENTER CONSOLE LINK HARNESS	CABIN / BELOW CENTER CONSOLE / LH SIDE
SD1	4-WAY / GREY / DRIVER SEAT HARNESS TO CABIN HARNESS	CABIN / BELOW DRIVER SEAT
SD28	20-WAY / BLACK / DRIVER SEAT HARNESS TO CABIN HARNESS	CABIN / BELOW DRIVER SEAT
SP28	20-WAY / BLACK / PASSENGER SEAT HARNESS TO CABIN HARNESS	CABIN / BELOW PASSENGER SEAT
TL28	16-WAY / GREY / CENTER CONSOLE HARNESS TO TELEMATICS HARNESS	CABIN / BELOW CENTER CONSOLE / RH SIDE OF TRANSMISSION TUNNEL

GROUNDS

Ground	Location
G9	CABIN / UPPER LH 'A' POST
G12	CABIN / BELOW DRIVER SEAT
G13	CABIN / BELOW PASSENGER SEAT
G15	CABIN / RH SIDE OF TRANSMISSION TUNNEL

Refer to the front of this book for detailed information and illustrations regarding the location and identification of harnesses, relays, fuses, grounds, control modules and control module pins.



NOTE: CCS3 – Non Navigation vehicles only

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1 → 6 Fig. 01.1	64 → 95 Fig. 01.3	16 II → 52 II Fig. 01.5	78 S → 105 S Fig. 01.7	I Input	B Battery Voltage	+ Sensor/Signal Supply V	A ACP	S SCP	**VARIANT:** Heated Front Seats Vehicles
7 → 63 Fig. 01.2	1 I → 15 II Fig. 01.4	53 S → 77 S Fig. 01.6	106 E → 143 E Fig. 01.8	O Output	P Power Ground	− Sensor/Signal Ground	C CAN	D Serial and Encoded Data	**VIN RANGE:** All
									DATE OF ISSUE: April 2006

Rear Memory Module

	Pin	Description and Characteristic
I	CR37–2	MEMORY 1, 2, 3, SET INPUT SIGNAL: VARIABLE RESISTANCE
O	CR37–3	MEMORY SET INDICATOR ACTIVATE: TO ACTIVATE, RMM SWITCHES CIRCUIT TO B+
I	CR37–9	SEAT POSITION SENSOR SIGNAL: 5 V PULSED SIGNAL
I	CR37–10	SEAT POSITION SENSOR SIGNAL: 5 V PULSED SIGNAL
B+	CR37–13	SWITCHED SYSTEM POWER SUPPLY (LOGIC): B+
SG	CR37–15	REAR SEAT MEMORY SWITCH PACK REFERENCE GROUND: GROUND
SG	CR37–24	SIGNAL GROUND: GROUND
SG	CR37–25	SIGNAL GROUND: GROUND
SG	CR37-26	SIGNAL GROUND: GROUND
S	CR38–1	SCP +
I	CR38–10	SEAT BACK RECLINE REARWARD REQUEST: ACTIVE = B+
I	CR38–11	SEAT BACK RECLINE FORWARD REQUEST: ACTIVE = B+
S	CR38–12	SCP –
I	CR38–15	HEAD REST RAISE REQUEST: ACTIVE = B+
I	CR38–16	HEADREST LOWER REQUEST: ACTIVE = B+
O	CR53–3	SEAT BACK RECLINE MOTOR DRIVE – REARWARD: TO ACTIVATE, DSCM SWITCHES CIRCUIT TO B+
O	CR53–4	SEAT BACK RECLINE MOTOR DRIVE – FORWARD: TO ACTIVATE, DSCM SWITCHES CIRCUIT TO B+
PG	CR59-1	POWER GROUND (LH SEAT): GROUND
B+	CR59–2	BATTERY POWER SUPPLY (LH SEAT): B+
O	CR59–3	HEADREST POSITION MOTOR DRIVE – RAISE: TO ACTIVATE, DSCM SWITCHES CIRCUIT TO B+
O	CR59–4	HEADREST POSITION MOTOR DRIVE – LOWER: TO ACTIVATE, DSCM SWITCHES CIRCUIT TO B+

Fig. 11.8

COMPONENTS

Component	Connector(s)	Connector Description	Location
REAR MEMORY MODULE	CR21	4-WAY / BLACK	REAR BULKHEAD / BEHIND REAR SEAT BACK
	CR37	26-WAY / BLACK	
	CR38	22-WAY / BLACK	
	CR41	6-WAY / BLACK	
	CR53	4-WAY / BLACK	
	CR59	6-WAY / BLACK	
REAR SEAT BACK INCLINE / RECLINE MOTOR AND POSITION SENSOR – LH	SL1	5-WAY / BLACK	LH REAR SEAT BACK / UPPER
REAR SEAT BELT COMFORT SOLENOID – LH	CR112	3-WAY / BLACK	LH REAR SEAT BELT TENSIONER
REAR SEAT BELT COMFORT SWITCH – LH	CR109	2-WAY / BLACK	LH REAR SEAT BELT BUCKLE
REAR SEAT HEADREST MOTOR AND POSITION SENSOR – LH	SL2	5-WAY / BLACK	LH REAR SEAT BACK / UPPER
REAR SEAT LUMBAR PUMP – LH	LL3	2-WAY / BLACK	LH REAR SEAT BACK / UPPER
REAR SEAT LUMBAR SOLENOIDS – LH	LL1	5-WAY / BLACK	LH REAR SEAT BACK / UPPER
REAR SEAT MEMORY SWITCH PACK – LH	LT5	8-WAY / BLACK	LH REAR DOOR TRIM
REAR SEAT SWITCH PACK – LH	LS5	22-WAY / BLACK	LH REAR SEAT CUSHION / OUTBOARD

HARNESS IN-LINE CONNECTORS

Connector	Connector Description / Location	Location
LL2	6-WAY / BLACK / LH REAR SEAT HARNESS TO LH REAR SEAT LUMBAR HARNESS	CABIN / BEHIND REAR SEAT BACK / LH SIDE
LS1	22-WAY / BLACK / CABIN HARNESS TO LH REAR SEAT HARNESS	CABIN / BELOW LH REAR SEAT
LS11	6-WAY / GREY / CABIN HARNESS TO LH REAR SEAT MOTOR HARNESS	CABIN / BELOW LH REAR SEAT
LT1	12-WAY / GREY / LH REAR DOOR HARNESS TO LH REAR DOOR TRIM HARNESS	CABIN / LH REAR DOOR TRIM
RL9	16-WAY / GREY / LH REAR DOOR HARNESS TO CABIN HARNESS	CABIN / LH 'B/C' POST
SL4	20-WAY / BLACK / LH REAR SEAT HARNESS TO LH REAR SEAT MOTOR HARNESS	CABIN / BELOW REAR SEAT / RH SIDE

GROUNDS

Ground	Location
G17	CABIN / BELOW REAR SEAT / RH SIDE
G18	CABIN / BELOW REAR SEAT / LH SIDE

FOR CONTROL MODULE PIN-OUT INFORMATION, UNFOLD PAGE TO LEFT.

The following abbreviations are used to represent values for Control Module Pin-Out data

I	**Input**	**PG**	**Power Ground**	**C**	**CAN Network**	**D**	**Serial and Encoded Data**
O	**Output**	**SS**	**Sensor / Signal Supply V**	**S**	**SCP Network**	**V**	**Voltage (DC)**
B+	**Battery Voltage**	**SG**	**Sensor / Signal Ground**	**D2**	**D2B Network**	**PWM**	**Pulse Width Modulated**

CAUTION: The information on this data page is furnished to aid the user in understanding circuit operation. THIS INFORMATION SHOULD BE USED FOR REFERENCE ONLY.

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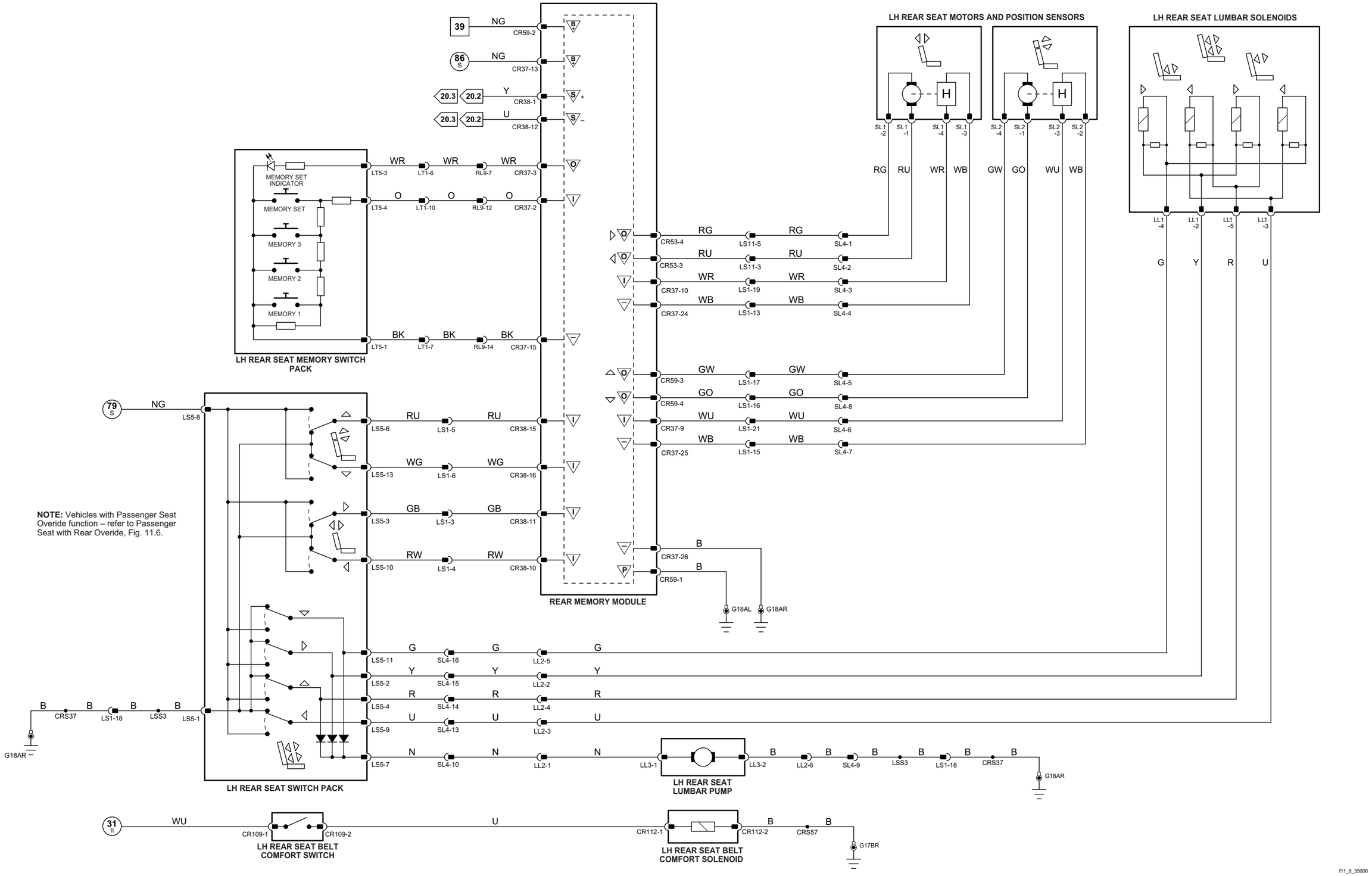

1 → 6 Fig. 01.1
7 → 63 Fig. 01.2
64 → 95 Fig. 01.3
1 I → 15 II Fig. 01.4
16 II → 52 II Fig. 01.5
53 S → 77 S Fig. 01.6
78 S → 105 S Fig. 01.7
106 E → 143 E Fig. 01.8

I Input
O Output
B Battery Voltage
P Power Ground
+ Sensor/Signal Supply V
– Sensor/Signal Ground
A ACP
C CAN
S SCP
D Serial and Encoded Data

VARIANT: Powered Rear Seats Vehicles
VIN RANGE: All
DATE OF ISSUE: Sep 2004

Rear Memory Module

	Pin	Description and Characteristic
O	CR21–1	SEAT BACK RECLINE MOTOR DRIVE – REARWARD: TO ACTIVATE, DSCM SWITCHES CIRCUIT TO B+
O	CR21–2	SEAT BACK RECLINE MOTOR DRIVE – FORWARD: TO ACTIVATE, DSCM SWITCHES CIRCUIT TO B+
O	CR21–3	HEADREST POSITION MOTOR DRIVE – RAISE: TO ACTIVATE, DSCM SWITCHES CIRCUIT TO B+
O	CR21–4	HEADREST POSITION MOTOR DRIVE – LOWER: TO ACTIVATE, DSCM SWITCHES CIRCUIT TO B+
I	CR37–1	MEMORY 1, 2, 3, SET INPUT SIGNAL: VARIABLE RESISTANCE
SG	CR37–11	SIGNAL GROUND: GROUND
SG	CR37–12	SIGNAL GROUND: GROUND
B+	CR37–13	SWITCHED SYSTEM POWER SUPPLY (LOGIC): B+
SG	CR37–14	REAR SEAT MEMORY SWITCH PACK REFERENCE GROUND: GROUND
O	CR37–16	MEMORY SET INDICATOR ACTIVATE: TO ACTIVATE, RMM SWITCHES CIRCUIT TO B+
I	CR37–22	SEAT POSITION SENSOR SIGNAL: 5 V PULSED SIGNAL
I	CR37–23	SEAT POSITION SENSOR SIGNAL: 5 V PULSED SIGNAL
SG	CR37–26	SIGNAL GROUND: GROUND
S	CR38–1	SCP +
S	CR38–12	SCP –
I	CR38–19	HEAD REST RAISE REQUEST: ACTIVE = B+
I	CR38–20	HEADREST LOWER REQUEST: ACTIVE = B+
I	CR38–21	SEAT BACK RECLINE REARWARD REQUEST: ACTIVE = B+
I	CR38–22	SEAT BACK RECLINE FORWARD REQUEST: ACTIVE = B+
PG	CR41–5	POWER GROUND (RH SEAT): GROUND
B+	CR41–6	BATTERY POWER SUPPLY (RH SEAT): B+

Fig. 11.9

COMPONENTS

Component	Connector(s)	Connector Description	Location
REAR MEMORY MODULE	CR21	4-WAY / BLACK	REAR BULKHEAD / BEHIND REAR SEAT BACK
	CR37	26-WAY / BLACK	
	CR38	22-WAY / BLACK	
	CR41	6-WAY / BLACK	
	CR53	4-WAY / BLACK	
	CR59	6-WAY / BLACK	
REAR SEAT BACK INCLINE / RECLINE MOTOR AND POSITION SENSOR – RH	SR1	5-WAY / BLACK	RH REAR SEAT BACK / UPPER
REAR SEAT BELT COMFORT SOLENOID – RH	CR114	3-WAY / BLACK	RH REAR SEAT BELT TENSIONER
REAR SEAT BELT COMFORT SWITCH – RH	CR111	2-WAY / BLACK	RH REAR SEAT BELT BUCKLE
REAR SEAT HEADREST MOTOR AND POSITION SENSOR – RH	SR2	5-WAY / BLACK	RH REAR SEAT BACK / UPPER
REAR SEAT LUMBAR PUMP – RH	YL3	2-WAY / BLACK	RH REAR SEAT BACK / UPPER
REAR SEAT LUMBAR SOLENOIDS – RH	YL1	5-WAY / BLACK	RH REAR SEAT BACK / UPPER
REAR SEAT MEMORY SWITCH PACK – RH	RT5	8-WAY / BLACK	RH REAR DOOR TRIM
REAR SEAT SWITCH PACK – RH	RS5	22-WAY / BLACK	RH REAR SEAT CUSHION / OUTBOARD

HARNESS IN-LINE CONNECTORS

Connector	Connector Description / Location	Location
RR9	16-WAY / GREY / RH REAR DOOR HARNESS TO CABIN HARNESS	CABIN / RH 'B/C' POST
RS1	22-WAY / BLACK / CABIN HARNESS TO REAR SEAT HARNESS	CABIN / BELOW REAR SEAT / RH SIDE
RS11	6-WAY / GREY / CABIN HARNESS TO REAR SEAT HARNESS	CABIN / BELOW REAR SEAT / RH SIDE
RT1	12-WAY / GREY / RH REAR DOOR HARNESS TO RH REAR DOOR TRIM HARNESS	CABIN / RH REAR DOOR TRIM
SR4	20-WAY / BLACK / RH REAR SEAT HARNESS TO RH REAR SEAT MOTOR HARNESS	CABIN / BELOW REAR SEAT / LH SIDE
YL2	6-WAY / BLACK / RH REAR SEAT HARNESS TO RH REAR SEAT LUMBAR HARNESS	CABIN / BEHIND REAR SEAT BACK / RH SIDE

GROUNDS

Ground	Location
G17	CABIN / BELOW REAR SEAT / RH SIDE
G18	CABIN / BELOW REAR SEAT / LH SIDE

FOR CONTROL MODULE PIN-OUT INFORMATION, UNFOLD PAGE TO LEFT.

The following abbreviations are used to represent values for Control Module Pin-Out data

I	**Input**	**PG**	**Power Ground**	**C**	**CAN Network**	**D**	**Serial and Encoded Data**
O	**Output**	**SS**	**Sensor / Signal Supply V**	**S**	**SCP Network**	**V**	**Voltage (DC)**
B+	**Battery Voltage**	**SG**	**Sensor / Signal Ground**	**D2**	**D2B Network**	**PWM**	**Pulse Width Modulated**

CAUTION: The information on this data page is furnished to aid the user in understanding circuit operation. THIS INFORMATION SHOULD BE USED FOR REFERENCE ONLY.

NOTE: The values listed are approximately those that can be expected at the control module connector pins with all circuit connections made and all components connected and fitted.

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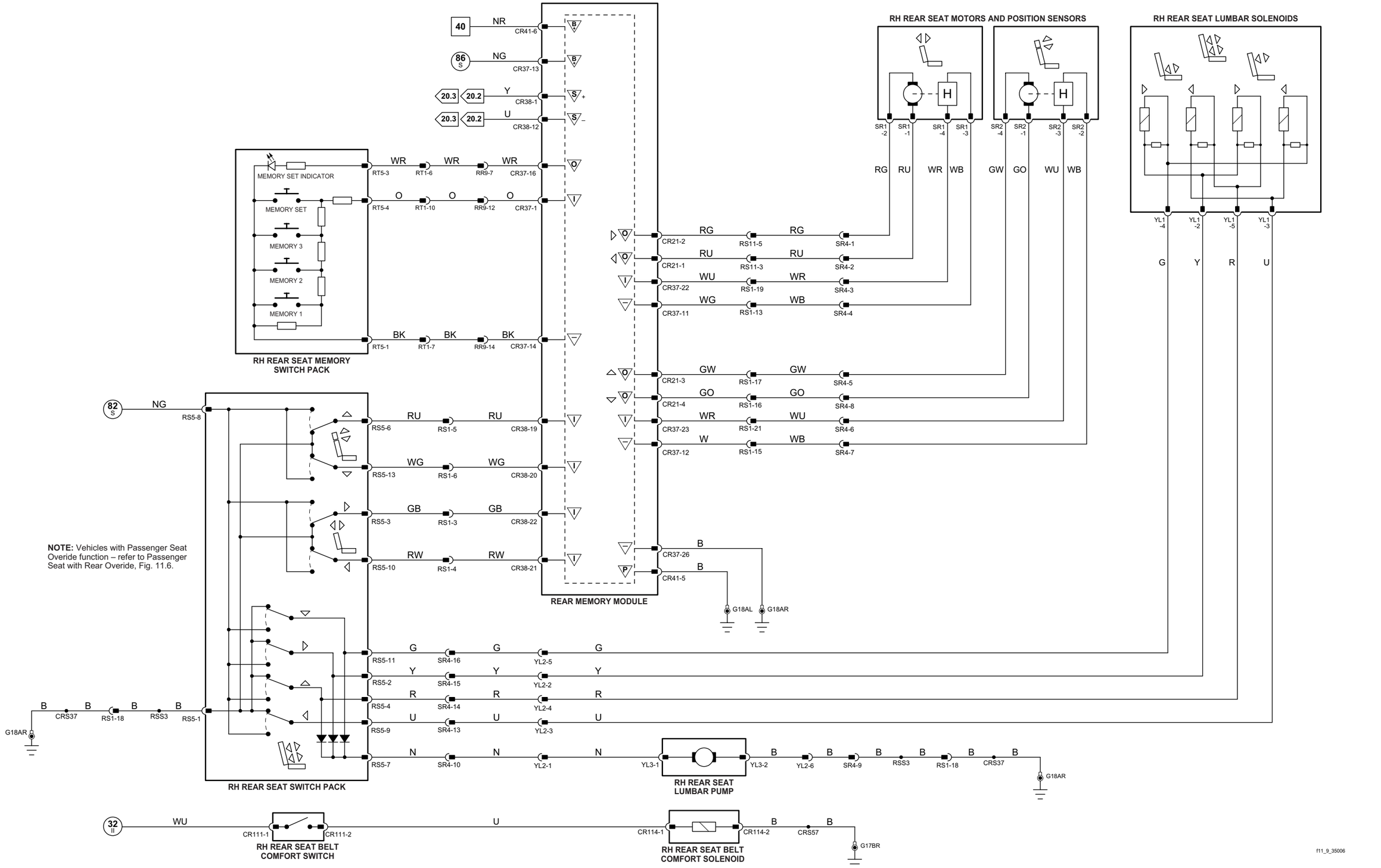

1 → 6 Fig. 01.1
7 → 63 Fig. 01.2
64 → 95 Fig. 01.3
1 I → 15 II Fig. 01.4
16 II → 52 II Fig. 01.5
53 S → 77 S Fig. 01.6
78 S → 105 S Fig. 01.7
106 E → 143 E Fig. 01.8

I Input
O Output
B Battery Voltage
P Power Ground
+ Sensor/Signal Supply V
− Sensor/Signal Ground
A ACP
S SCP
C CAN
D Serial and Encoded Data

VARIANT: Powered Rear Seats Vehicles
VIN RANGE: All
DATE OF ISSUE: Sep 2004

Rear Electronic Module

	Pin	Description and Characteristic
B+	CR4-3	BATTERY POWER SUPPLY (LOGIC): B+
O	CR4-8	RIGHT REAR SEAT HEAT SENSOR RETURN
O	CR4-9	LEFT REAR SEAT HEAT SENSOR RETURN
I	CR4-10	LEFT REAR SEAT HEATER SWITCH PWM
PG	CR11-11	POWER GROUND (RH SEAT): GROUND
I	CR11-13	RIGHT REAR SEAT HEATER SWITCH PWM
I	CR13-16	RIGHT REAR SEAT HEAT SENSOR INPUT
I	CR13-17	LEFT REAR SEAT HEAT SENSOR INPUT
B+	CR71-7	VB3 - SEAT HEATERS POWER INPUT
B+	CR71-8	VB3 - SEAT HEATERS POWER INPUT
O	CR71-16	LEFT REAR SEAT HEATER PWM OUTPUT
O	CR71-17	RIGHT REAR SEAT HEATER PWM OUTPUT

Fig. 11.10

COMPONENTS

Component	Connector(s)	Connector Description	Location
REAR CENTER CONSOLE SWITCH PACK	TL89	8-WAY / BLACK	REAR CENTER CONSOLE
REAR ELECTRONIC MODULE	CR4	20-WAY / BLACK	TRUNK / RH REAR
	CR11	26-WAY / NATURAL	
	CR12	12-WAY / BLACK	
	CR13	22-WAY / BLACK	
	CR71	17-WAY / BLACK	
	CR73	4-WAY / BLACK	
REAR SEAT BACK HEATER – LH	SL3	2-WAY / BLACK	LH REAR SEAT SQUAB
REAR SEAT BACK HEATER – RH	SR3	2-WAY / BLACK	RH REAR SEAT SQUAB
REAR SEAT CUSHION HEATERS – LH	LS4	4-WAY / BLACK	LH REAR SEAT CUSHION
REAR SEAT CUSHION HEATERS – RH	RS4	4-WAY / BLACK	RH REAR SEAT CUSHION

HARNESS IN-LINE CONNECTORS

Connector	Connector Description / Location	Location
LS11	6-WAY / GREY / CABIN HARNESS TO LH REAR SEAT MOTOR HARNESS	CABIN / BELOW LH REAR SEAT
RS11	6-WAY / GREY / CABIN HARNESS TO REAR SEAT HARNESS	CABIN / BELOW REAR SEAT / RH SIDE
SL4	20-WAY / BLACK / LH REAR SEAT HARNESS TO LH REAR SEAT MOTOR HARNESS	CABIN / BELOW REAR SEAT / RH SIDE
SR4	20-WAY / BLACK / RH REAR SEAT HARNESS TO RH REAR SEAT MOTOR HARNESS	CABIN / BELOW REAR SEAT / LH SIDE
TL35	22-WAY / GREY / CABIN HARNESS TO REAR CENTRE CONSOLE	TRUNK / LH REAR

GROUNDS

Ground	Location
G17	CABIN / BELOW REAR SEAT / RH SIDE
G18	CABIN / BELOW REAR SEAT / RH SIDE
G24	TRUNK / RH REAR / REAR ELECTRONIC MODULE

FOR CONTROL MODULE PIN-OUT INFORMATION, UNFOLD PAGE TO LEFT.

The following abbreviations are used to represent values for Control Module Pin-Out data

I	**Input**	**PG**	**Power Ground**	**C**	**CAN Network**	**D**	**Serial and Encoded Data**
O	**Output**	**SS**	**Sensor / Signal Supply V**	**S**	**SCP Network**	**V**	**Voltage (DC)**
B+	**Battery Voltage**	**SG**	**Sensor / Signal Ground**	**D2**	**D2B Network**	**PWM**	**Pulse Width Modulated**

CAUTION: The information on this data page is furnished to aid the user in understanding circuit operation. THIS INFORMATION SHOULD BE USED FOR REFERENCE ONLY.

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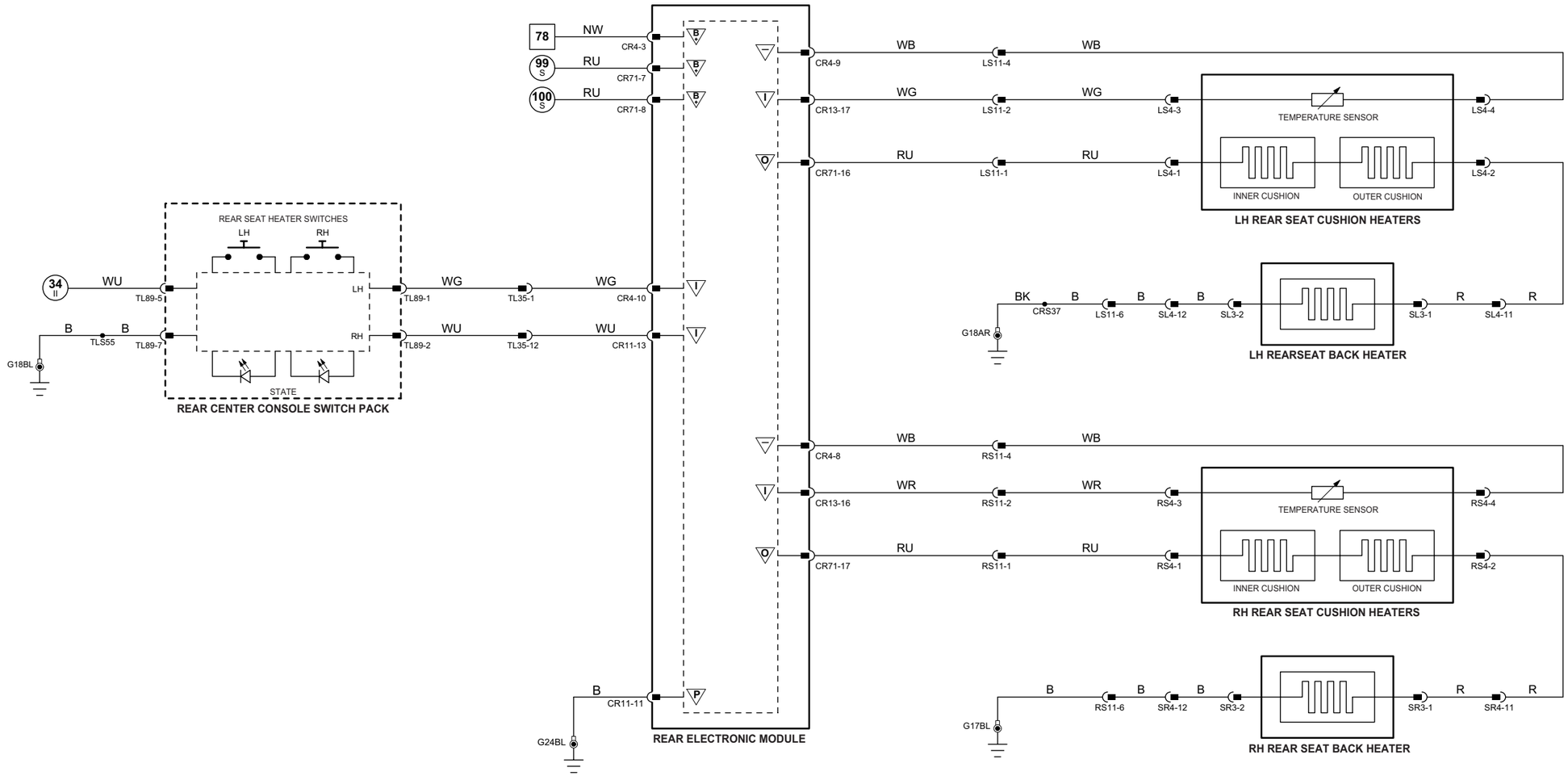

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1 → 6 Fig. 01.1	64 → 95 Fig. 01.3	16 II → 52 II Fig. 01.5	78 S → 105 S Fig. 01.7	I Input	B Battery Voltage	+ Sensor/Signal Supply V	A ACP	S SCP	**VARIANT:** Heated Rear Seats Vehicles
7 → 63 Fig. 01.2	1 I → 15 II Fig. 01.4	53 S → 77 S Fig. 01.6	106 E → 143 E Fig. 01.8	O Output	P Power Ground	– Sensor/Signal Ground	C CAN	D Serial and Encoded Data	**VIN RANGE:** All
									DATE OF ISSUE: Sep 2004