

## 8W-80 CONNECTOR PIN-OUTS

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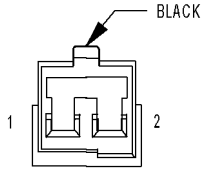
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Sensor-Wheel Speed-Abs-Rear (Except ESP) . . . . .	8W-80-122
Sensor-Wheel Speed-Abs-Right Front . . .	8W-80-123
Sensor-Wheel Speed-Abs-Right Rear (ESP) . . . . .	8W-80-123
Servo-Speed Control (Gas Except 3.7L/ 5.7L) . . . . .	8W-80-123
Solenoid-Brake Transmission Shift Interlock . . . . .	8W-80-123
Solenoid-EVAP/Purge (NGC) . . . . .	8W-80-124
Solenoid-Locker-Front (Power Wagon) . .	8W-80-124
Solenoid-Locker-Rear (Power Wagon) . . .	8W-80-124
Solenoid-Multiple Displacement No. 1 (5.7L) . . . . .	8W-80-124
Solenoid-Multiple Displacement No. 4 (5.7L) . . . . .	8W-80-125
Solenoid-Multiple Displacement No. 6 (5.7L) . . . . .	8W-80-125
Solenoid-Multiple Displacement No. 7 (5.7L) . . . . .	8W-80-125
Solenoid-Wastegate (Diesel) . . . . .	8W-80-125
Speaker-Instrument Panel-Center (SLT/SLT+) . . . . .	8W-80-126
Speaker-Instrument Panel-Left (SLT/SLT+) . . . . .	8W-80-126
Speaker-Instrument Panel-Right (SLT/SLT+) . . . . .	8W-80-126
Speaker-Left Front Door . . . . .	8W-80-126
Speaker-Left Rear . . . . .	8W-80-127
Speaker-Right Front Door . . . . .	8W-80-127
Speaker-Right Rear . . . . .	8W-80-127
Starter (Diesel) . . . . .	8W-80-127
Starter (3.7L A/T/4.7L A/T/5.7L) . . . . .	8W-80-127
Starter (3.7L M/T/4.7L M/T) . . . . .	8W-80-128
Starter-Eyelet (3.7L/4.7L) . . . . .	8W-80-128
Starter-Eyelet (5.7L) . . . . .	8W-80-128
Starter-Eyelet (Diesel) . . . . .	8W-80-128
Switch-Adjustable Pedals (Except Base) .	8W-80-129
Switch-Backup Lamp (3.7L M/T/4.7L M/T) . . . . .	8W-80-129
Switch-Backup Lamp (M/T 5.7L HD/Diesel M/T) . . . . .	8W-80-129
Switch-Clutch Interlock (M/T) . . . . .	8W-80-129

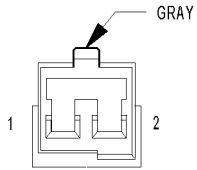
<b>Component</b>	<b>Page</b>
Switch-Clutch Interlock/Upstop (6.7L) . .	8W-80-130
Switch-Disconnecting Stabilizer Bar . . . .	8W-80-130
Switch-Door Lock-Passenger . . . . .	8W-80-130
Switch-ESP . . . . .	8W-80-130
Switch-EVAP System Monitor (NGC) . . . .	8W-80-131
Switch-Exhaust Brake . . . . .	8W-80-131
Switch-Headlamp . . . . .	8W-80-131
Switch-Heated Seat-Driver . . . . .	8W-80-132
Switch-Heated Seat-Passenger . . . . .	8W-80-132
Switch-Horn . . . . .	8W-80-132
Switch-Ignition . . . . .	8W-80-132
Switch-Multifunction . . . . .	8W-80-133
Switch-Oil Pressure . . . . .	8W-80-133
Switch-Parking Brake . . . . .	8W-80-133
Switch-Passenger Airbag On/Off . . . . .	8W-80-133
Switch-Power Sliding Backlite (Quad Cab/Except Base) . . . . .	8W-80-134
Switch-Power Window-Left Rear . . . . .	8W-80-134
Switch-Power Window-Passenger . . . . .	8W-80-134
Switch-Power Window-Right Rear . . . . .	8W-80-134
Switch-PTO (NGC) . . . . .	8W-80-135
Switch-Remote Radio-Left . . . . .	8W-80-135
Switch-Remote Radio-Right . . . . .	8W-80-135
Switch-Seat Belt-Driver (LD) . . . . .	8W-80-135
Switch-Seat Belt-Driver (HD) . . . . .	8W-80-135
Switch-Seat-Driver (HD) . . . . .	8W-80-136
Switch-Seat-Driver (LD) . . . . .	8W-80-136
Switch-Seat-Passenger . . . . .	8W-80-136
Switch-Security Hood . . . . .	8W-80-137
Switch-Speed Control-Left . . . . .	8W-80-137
Switch-Speed Control-Right . . . . .	8W-80-137
Switch-Stop Lamp . . . . .	8W-80-137
Switch-Sunroof . . . . .	8W-80-138
Switch-Tow/Haul Overdrive . . . . .	8W-80-138
Switch-Transfer Case Selector (ETC) . . . .	8W-80-138
Switch-Washer Fluid Level . . . . .	8W-80-138
Switch-Winch (Power Wagon) . . . . .	8W-80-139
Switch-Window/Door Lock-Driver C1 . . . .	8W-80-139
Switch-Window/Door Lock-Driver C2 . . . .	8W-80-139
Throttle Body (5.7L) . . . . .	8W-80-140
Throttle Body (3.7L) . . . . .	8W-80-140
Throttle Body (6.7L Diesel) . . . . .	8W-80-140
Transducer-A/C Pressure (5.9L) . . . . .	8W-80-140
Transducer-A/C Pressure (6.7L/Gas) . . . .	8W-80-141
Wiring-Trailer Tow (Box Off) . . . . .	8W-80-141
Wiring-Trailer Tow 4-Way . . . . .	8W-80-141
Wiring-Trailer Tow 7-Way . . . . .	8W-80-141



ACTUATOR-  
BLEND DOOR  
(SINGLE ZONE)

ACTUATOR-BLEND DOOR (SINGLE ZONE) - BLACK (HVAC) 2 WAY

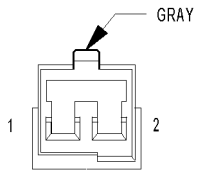
CAV	CIRCUIT	FUNCTION
1	C34 20DB/LB	COMMON DOOR DRIVER
2	C61 20DB/LG	BLEND DOOR DRIVER



ACTUATOR-  
BLEND DOOR-  
DRIVER  
(DUAL ZONE)

ACTUATOR-BLEND DOOR-DRIVER (DUAL ZONE) - GRAY (HVAC) 2 WAY

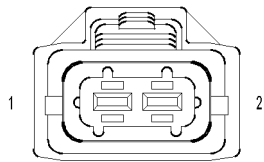
CAV	CIRCUIT	FUNCTION
1	C34 20DB/LB	COMMON DOOR DRIVER
2	C61 20DB/LG	BLEND DOOR DRIVER



ACTUATOR-  
BLEND DOOR-  
PASSENGER  
(DUAL ZONE)

ACTUATOR-BLEND DOOR-PASSENGER (DUAL ZONE) - GRAY (HVAC) 2 WAY

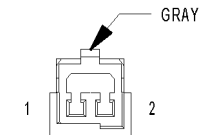
CAV	CIRCUIT	FUNCTION
1	C34 20DB/LB	COMMON DOOR DRIVER
2	C33 20LB/BR	PASSENGER BLEND DOOR DRIVER



**ACTUATOR-  
FUEL  
CONTROL  
(DIESEL)**

ACTUATOR-FUEL CONTROL (DIESEL) - (ENGINE) 3 WAY

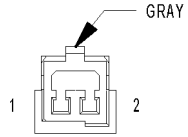
CAV	CIRCUIT	FUNCTION
1	K604 18BR/TN (5.9L)	FUEL CONTROL ACTUATOR DRIVER
1	K365 18DB/BR (6.7L)	FUEL CONTROL ACTUATOR DRIVER
2	K65 18BR/LB (5.9L)	FUEL CONTROL ACTUATOR RETURN
2	K366 18BR/LB (6.7L)	FUEL CONTROL ACTUATOR RETURN



**ACTUATOR-  
MODE DOOR 1  
(PANEL TO FLOOR)**

ACTUATOR-MODE DOOR 1 (PANEL TO FLOOR) - GRAY (HVAC) 2 WAY

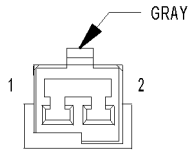
CAV	CIRCUIT	FUNCTION
1	C34 20DB/LB	COMMON DOOR DRIVER
2	C801 20DB/OR	MODE DOOR 1 DRIVER



**ACTUATOR-  
MODE DOOR 2  
(DEFROST TO FLOOR)**

ACTUATOR-MODE DOOR 2 (DEFROST TO FLOOR) - GRAY (HVAC) 2 WAY

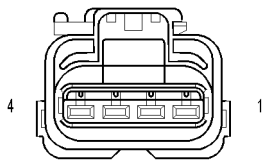
CAV	CIRCUIT	FUNCTION
1	C34 20DB/LB	COMMON DOOR DRIVER
2	C29 20DB/OR	MODE DOOR 2 DRIVER



**ACTUATOR-  
RECIRCULATION DOOR**

ACTUATOR-RECIRCULATION DOOR - GRAY (HVAC) 2 WAY

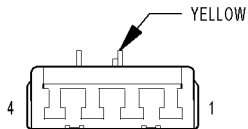
CAV	CIRCUIT	FUNCTION
1	C34 20DB/LB	COMMON DOOR DRIVER
2	C32 20DB/TN	RECIRCULATION DOOR DRIVER



**ACTUATOR-VGT  
(6.7L)**

ACTUATOR-VGT (6.7L) - (ENGINE) 4 WAY

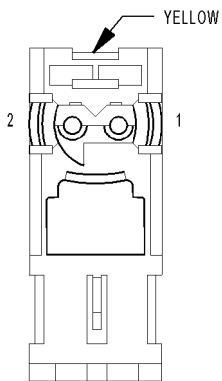
CAV	CIRCUIT	FUNCTION
1	F348 16PK/OR	SMART POWER RELAY FEED
2	K972 18DB/TN	VGT ACTUATOR GROUND
3	D130 18BR/VT	VGT ACTUATOR HIGH DATA LINK
4	D131 18WT/LG	VGT ACTUATOR LOW DATA LINK



**AIRBAG-PASSENGER  
SQUIB**

AIRBAG-PASSENGER SQUIB - YELLOW (INSTRUMENT PANEL) 4 WAY

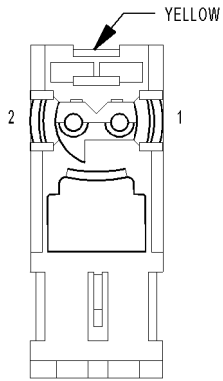
CAV	CIRCUIT	FUNCTION
1	R44 20LB/OR	PASSENGER SQUIB 1 LINE 2
2	R42 20LB/BR	PASSENGER SQUIB 1 LINE 1
3	R64 20LB/WT	PASSENGER SQUIB 2 LINE 1
4	R62 20LB/VT	PASSENGER SQUIB 2 LINE 2



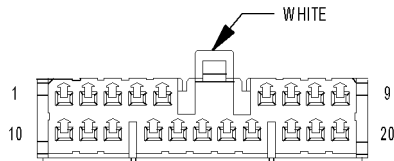
**AIRBAG-  
SIDE  
CURTAIN-  
LEFT**

AIRBAG-SIDE CURTAIN-LEFT - YELLOW (BODY) 2 WAY

CAV	CIRCUIT	FUNCTION
1	R3 20LB/OR	LEFT CURTAIN SQUIB 1 LINE 1
2	R1 20LB/WT	LEFT CURTAIN SQUIB 1 LINE 2



**AIRBAG-  
SIDE  
CURTAIN-  
RIGHT**



**AMPLIFIER-  
RADIO C1  
(PREMIUM)**

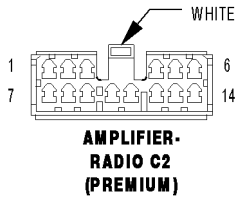
AIRBAG-SIDE CURTAIN-RIGHT - YELLOW (BODY) 2 WAY

CAV	CIRCUIT	FUNCTION
1	R4 20OR/LB	RIGHT CURTAIN SQUIB 1 LINE 1
2	R2 20WT/LB	RIGHT CURTAIN SQUIB 1 LINE 2

AMPLIFIER-RADIO C1 (PREMIUM) - WHITE (INSTRUMENT PANEL) 20 WAY

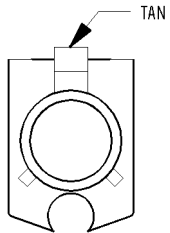
CAV	CIRCUIT	FUNCTION
1	X209 18GY/OR	LEFT INSTRUMENT PANEL SPEAKER (+)
2	X208 18GY/DG	RIGHT INSTRUMENT PANEL SPEAKER (+)
3	X200 18GY/BR	CENTER INSTRUMENT PANEL SPEAKER (+)
4	A116 16YL/RD	FUSED B(+)
5	-	-
6	D55 20WT/OR	CAN B BUS (+)
7	X51 20DG/DB	LEFT REAR SPEAKER (+)
8	X52 20GY/DB	RIGHT REAR SPEAKER (+)
9	Z907 18BK	GROUND
10	X299 18GY/YL	LEFT INSTRUMENT PANEL SPEAKER (-)
11	X298 18GY/LG	RIGHT INSTRUMENT PANEL SPEAKER (-)
12	X290 18GY/OR	CENTER INSTRUMENT PANEL SPEAKER (-)
13	A116 16YL/RD	FUSED B(+)
14	-	-
15	-	-
16	-	-
17	D54 20WT	CAN B BUS (-)
18	X57 20DG/OR	LEFT REAR SPEAKER (-)
19	X58 20GY/OR	RIGHT REAR SPEAKER (-)
20	Z513 18BK	GROUND





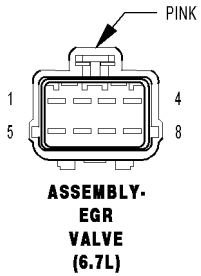
AMPLIFIER-RADIO C2 (PREMIUM) - WHITE (INSTRUMENT PANEL) 14 WAY

CAV	CIRCUIT	FUNCTION
1	X153 18DG/YL	LEFT FRONT DOOR SPEAKER (+)
2	X154 18GY/YL	RIGHT FRONT DOOR SPEAKER (+)
3	X205 18GY/LG	LEFT REAR SPEAKER (+)
4	X206 18DG/LG	RIGHT REAR SPEAKER (+)
5	-	-
6	-	-
7	X155 18DG/LB	LEFT FRONT DOOR SPEAKER (-)
8	X156 18GY/LB	RIGHT FRONT DOOR SPEAKER (-)
9	X295 18GY/DG	LEFT REAR SPEAKER (-)
10	-	-
11	-	-
12	X296 18DG/GY	RIGHT REAR SPEAKER (-)
13	-	-
14	-	-



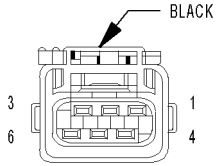
ANTENNA-SATELLITE - TAN (SATELLITE ANTENNA JUMPER) 2 WAY

CAV	CIRCUIT	FUNCTION
1	D106 6WT/LG	SATELLITE ANTENNA SIGNAL
2	D126 WT/TN	SATELLITE ANTENNA SHIELD



ASSEMBLY-EGR VALVE (6.7L) - PINK (ENGINE) 8 WAY

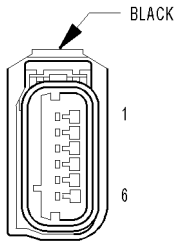
CAV	CIRCUIT	FUNCTION
1	F855 18PK/YL	5 VOLT SUPPLY
2	K687 18DB/LB	EGR SIGNAL NO. 3
3	K685 18DB	EGR SIGNAL NO. 2
4	K683 18DB/GY	EGR SIGNAL NO. 1
5	K916 18BR/OR	SENSOR GROUND
6	K686 18GY/DB	EGR CONTROL NO. 3
7	K684 18DB/YL	EGR CONTROL NO. 2
8	K682 18DB/WT	EGR CONTROL NO. 1



**ASSEMBLY-EGR VALVE (GAS)**

ASSEMBLY-EGR VALVE (GAS) - BLACK (ENGINE) 6 WAY

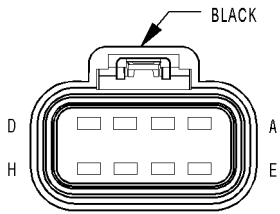
CAV	CIRCUIT	FUNCTION
1	K34 20DB/LG	EGR SIGNAL
2	F856 20YL/PK	5 VOLT SUPPLY
3	K900 20DB/DG	SENSOR GROUND
4	Z335 20BK/WT	GROUND
5	-	-
6	K35 20DB/VT	EGR SOL CONTROL



**ASSEMBLY-LINE PRESSURE SENSOR/VARIABLE FORCE SOLENOID (RLE)**

ASSEMBLY-LINE PRESSURE SENSOR/VARIABLE FORCE SOLENOID (RLE) - BLACK (ENGINE) 6 WAY

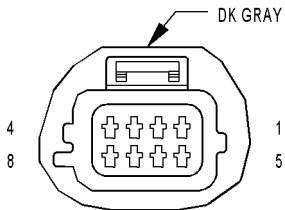
CAV	CIRCUIT	FUNCTION
1	-	-
2	F856 20YL/PK	5 VOLT SUPPLY
3	T38 20YL/BR	LINE PRESSURE SENSOR SIGNAL
4	K900 20DB/DG	SENSOR GROUND
5	T16 18YL/OR	TRANSMISSION CONTROL OUTPUT
6	T118 20DG	PRESSURE CONTROL SOLENOID CONTROL



**ASSEMBLY-SHIFT MOTOR/MODE SENSOR (RFE FULL TIME ETC)**

ASSEMBLY-SHIFT MOTOR/MODE SENSOR (RFE FULL TIME ETC) - BLACK (ENGINE) 8 WAY

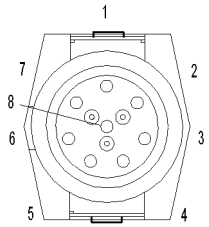
CAV	CIRCUIT	FUNCTION
1	T103 20YL/OR	MODE SENSOR B
2	D201 20WT/DG	MODE SENSOR A
3	G180 20VT/YL	SENSOR RETURN
4	T101 16DG	SHIFT MOTOR CONTROL B
5	T102 16YL	SHIFT MOTOR CONTROL A
6	A940 20RD	FUSED B(+)
7	T300 20YL/GY	T-CASE MOTOR BRAKE SIGNAL
8	-	-



**ASSEMBLY-SHIFT MOTOR/MODE SENSOR (RFE PART TIME ETC/RE ETC)**

ASSEMBLY-SHIFT MOTOR/MODE SENSOR (RFE PART TIME ETC/RE ETC) - DK GRAY (ENGINE) 8 WAY

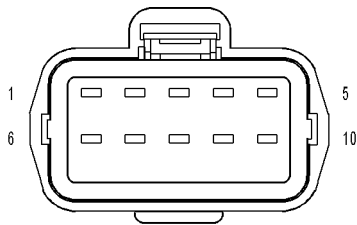
CAV	CIRCUIT	FUNCTION
1	T103 20YL/OR	MODE SENSOR B
2	D201 20WT/DG	MODE SENSOR A
3	G180 20VT/YL	SENSOR RETURN
4	T101 16DG	SHIFT MOTOR CONTROL B
5	T102 16YL	SHIFT MOTOR CONTROL A
6	A918 20RD (DIESEL)	FUSED B(+)
7	T300 20YL/GY	T-CASE MOTOR BRAKE SIGNAL
8	-	-



**ASSEMBLY-TRANSMISSION SOLENOID (RE)**

ASSEMBLY-TRANSMISSION SOLENOID (RE) - (TRANSMISSION) 8 WAY

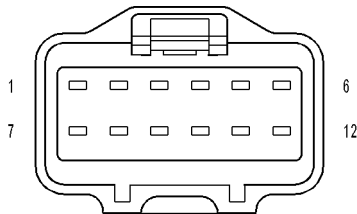
CAV	CIRCUIT	FUNCTION
1	T16 16YL/OR	TRANSMISSION CONTROL OUTPUT
2	F856 18YL/PK	5 VOLT SUPPLY
3	K900 20DB/DG	SENSOR GROUND
4	T38 18YL/BR	GOVERNOR PRESSURE SENSOR SIGNAL
5	T118 18DG	GOVERNOR PRESSURE SOLENOID CONTROL
6	T9 18DG/TN	3-4 SOLENOID CONTROL
7	T75 18YL/LB	TORQUE CONVERTER CLUTCH SOLENOID CONTROL
8	T54 18DG/OR	TRANSMISSION TEMPERATURE SENSOR SIGNAL



**ASSEMBLY-TRANSMISSION SOLENOID C1 (RC)**

ASSEMBLY-TRANSMISSION SOLENOID C1 (RC) - (TRANSMISSION) 10 WAY

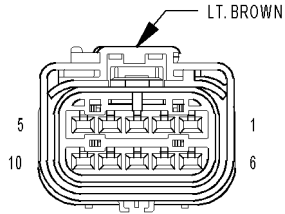
CAV	CIRCUIT	FUNCTION
1	T806 20DG/VT	TRX-PRESS SW 7
2	T804 20YL/DB	TRX-PRESS SW 5
3	T54 20DG/OR	TRANSMISSION TEMPERATURE SENSOR SIGNAL
4	T817 20YL/BR	TRX-LINEAR SOL 3 (+)
5	T813 20DG/LG	TRX-LINEAR SOL 1 (+)
6	T807 20DG/WT	TRX-PRESS SW 8
7	T803 20DG/BR	TRX-PRESS SW 4
8	T820 20YL/WT	TORQUE CONVERTER OIL TEMPERATURE SIGNAL RETURN
9	T816 20YL/PK	TRX-LINEAR SOL 3 (-)
10	T812 20DG/TN	TRX-LINEAR SOL 1 (-)



**ASSEMBLY-TRANSMISSION SOLENOID C2 (RC)**

ASSEMBLY-TRANSMISSION SOLENOID C2 (RC) - (TRANSMISSION) 12 WAY

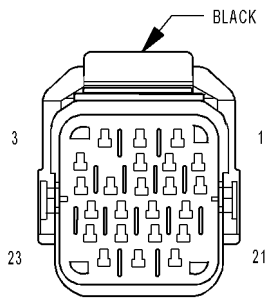
CAV	CIRCUIT	FUNCTION
1	T800 20DG/BR	TRX-PRESS SW 1
2	T805 20DG/OR	TRX-PRESS SW 6
3	T809 20DG/YL	TRX-SOL S2
4	T811 20DG/LB	TRX-SOL S4
5	T818 20YL/OR	TRX-LINEAR SOL 4 (-)
6	T814 20YL/BR	TRX-LINEAR SOL 2 (-)
7	T801 20DG/RD	TRX-PRESS SW 2
8	T802 20DG/PK	TRX-PRESS SW 3
9	T810 20DG/DB	TRX-SOL S3
10	T808 20DG/GY	TRX-SOL S1
11	T821 20YL/GY	TRX-LINEAR SOL 4 (+)
12	T815 20YL/RD	TRX-LINEAR SOL 2 (+)



**ASSEMBLY-  
TRANSMISSION SOLENOID/  
PRESSURE SWITCH  
(RLE)**

ASSEMBLY-TRANSMISSION SOLENOID/PRESSURE SWITCH (RLE) - LT. BROWN (ENGINE) 10 WAY

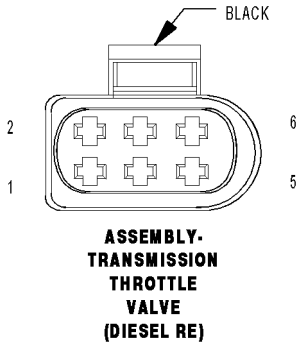
CAV	CIRCUIT	FUNCTION
1	T60 20YL/GY	OD SOLENOID CONTROL
2	T59 20YL/LB	UD SOLENOID CONTROL
3	T16 16YL/OR	TRANSMISSION CONTROL OUTPUT
4	T19 18YL/DB	2-4 SOLENOID CONTROL
5	T47 18YL/DG	2-4 PRESSURE SWITCH SENSE
6	T9 20DG/TN	OD PRESSURE SWITCH SENSE
7	T20 20DG/WT	L/R SOLENOID CONTROL
8	-	-
9	-	-
10	T50 20YL/TN	L/R PRESSURE SWITCH SENSE



**ASSEMBLY-  
TRANSMISSION  
SOLENOID/TRS  
(RFE)**

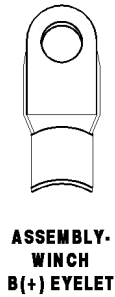
ASSEMBLY-TRANSMISSION SOLENOID/TRS (RFE) - BLACK (TRANSMISSION) 23 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	T20 20DG/WT	L/R SOLENOID CONTROL
3	-	-
4	T41 20YL/DB	TRS T41 SENSE
5	T42 20DG/YL	TRS T42 SENSE
6	-	-
7	T60 20YL/GY	OD SOLENOID CONTROL
8	T3 20DG/DB	TRS T3 SENSE
9	T1 20DG/LB	TRS T1 SENSE
10	T16 16YL/OR	TRANSMISSION CONTROL OUTPUT
11	T48 20BR/YL	4C PRESSURE SWITCH SENSE
12	T118 20DG	PRESSURE CONTROL SOLENOID CONTROL
13	T4 20DG/LB	TRS T2 SENSE
14	T50 20YL/TN	L/R PRESSURE SWITCH SENSE
15	T147 20DG/YL	2C PRESSURE SWITCH SENSE
16	T9 20DG/TN	OD PRESSURE SWITCH SENSE
17	T59 20YL/LB	UD SOLENOID CONTROL
18	T29 20YL/WT	UD PRESSURE SWITCH SENSE
19	T259 20YL/DG	4C SOLENOID CONTROL
20	T219 20YL/LG	2C SOLENOID CONTROL
21	T140 20YL/GY	MS SOLENOID CONTROL
22	K900 20DB/DG	SENSOR GROUND
22	T160 20DG/WT (DIESEL)	OD SOLENOID CONTROL
23	T54 20DG/OR	TRANSMISSION TEMPERATURE SENSOR SIGNAL



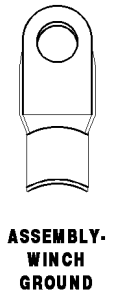
ASSEMBLY-TRANSMISSION THROTTLE VALVE (DIESEL RE) - BLACK (TRANSMISSION) 6 WAY

CAV	CIRCUIT	FUNCTION
1	K312 18OR	TTVA POSITION SENSOR SIGNAL
2	F856 18YL/PK	5 VOLT SUPPLY
3	K314 18TN/YL	TTVA MOTOR (+)
4	-	-
5	K315 18TN/OR	TTVA MOTOR (-)
6	K900 18DB/DG	SENSOR GROUND



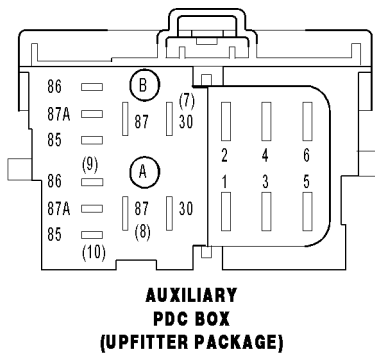
ASSEMBLY-WINCH B(+) EYELET - (FRONT WINCH) 1 WAY

CAV	CIRCUIT	FUNCTION
1	10RD	B(+)



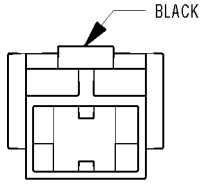
ASSEMBLY-WINCH GROUND - (FRONT WINCH) 1 WAY

CAV	CIRCUIT	FUNCTION
1	10BK	GROUND



AUXILIARY PDC BOX (UPFITTER PACKAGE) - (BATTERY) 10 WAY

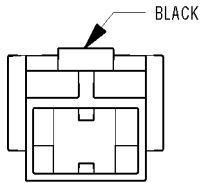
CAV	CIRCUIT	FUNCTION
1	A420 10RD	FUSED B(+)
2	A421 16RD/WT	FUSED B(+)
3	A420 10RD	FUSED B(+)
4	A422 14RD	FUSED B(+)
5	A420 10RD	FUSED B(+)
6	A423 14PK	FUSED B(+)
7	A421 16RD/WT	FUSED B(+)
8	F922 16PK/RD	FUSED IGNITION SWITCH OUTPUT (RUN)
9	F504 20GY/PK	FUSED IGNITION SWITCH OUTPUT (RUN)
10	Z912 20BK	GROUND



**BACKLITE-HEATED (GROUND)**

BACKLITE-HEATED (GROUND) - BLACK (ELECTRIC BACKLITE) 1 WAY

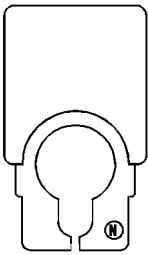
CAV	CIRCUIT	FUNCTION
1	Z255 16BK	GROUND



**BACKLITE-HEATED (POWER)**

BACKLITE-HEATED (POWER) - BLACK (ELECTRIC BACKLITE) 1 WAY

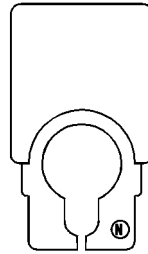
CAV	CIRCUIT	FUNCTION
1	C15 16DB/WT (EXCEPT SLT)	REAR WINDOW DEFOGGER CONTROL OUTPUT
1	C15 14BK (SLT)	REAR WINDOW DEFOGGER CONTROL OUTPUT



**BATTERY-NEGATIVE (DIESEL LEFT BATTERY)**

BATTERY-NEGATIVE (DIESEL LEFT BATTERY) - (BATTERY) 1 WAY

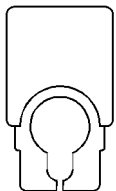
CAV	CIRCUIT	FUNCTION
1	Z3 8BK	GROUND
1	Z2 1BK	GROUND
1	Z1 10BK (5.9L)	GROUND
1	Z1 4BK (6.7L)	GROUND



**BATTERY-NEGATIVE (DIESEL RIGHT BATTERY)**

BATTERY-NEGATIVE (5.9L DIESEL RIGHT BATTERY) - (BATTERY) 1 WAY

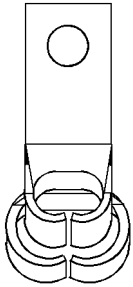
CAV	CIRCUIT	FUNCTION
1	Z0 8BK	GROUND
2	Z0 1BK	GROUND



**BATTERY-NEGATIVE (POWER WAGON)**

BATTERY-NEGATIVE (POWER WAGON) - (BATTERY) 1 WAY

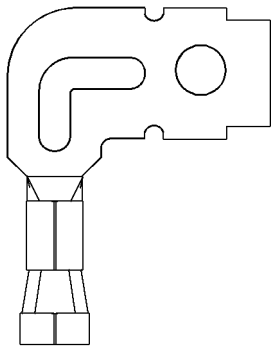
CAV	CIRCUIT	FUNCTION
1	Z1 6BK	GROUND
1	Z2 6BK	GROUND
1	Z3 6BK	GROUND



**BATTERY-  
NEGATIVE 1  
(GAS EXCEPT POWER WAGON)**

BATTERY-NEGATIVE 1 (GAS EXCEPT POWER WAGON) - (BATTERY) 1 WAY

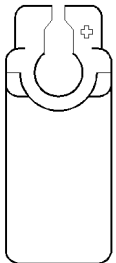
CAV	CIRCUIT	FUNCTION
1	Z1 6BK	GROUND
1	Z2 6BK	GROUND
1	Z1 4BK (5.7L EXCEPT HD/LD)	GROUND
1	Z2 4BK (5.7L EXCEPT HD/LD)	GROUND



**BATTERY-  
NEGATIVE 2  
(GAS EXCEPT POWER WAGON)**

BATTERY-NEGATIVE 2 (GAS EXCEPT POWER WAGON) - (BATTERY) 1 WAY

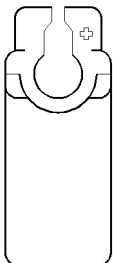
CAV	CIRCUIT	FUNCTION
1	Z3 6BK	GROUND



**BATTERY-  
POSITIVE  
(POWER WAGON)**

BATTERY-POSITIVE (POWER WAGON) - (BATTERY) 1 WAY

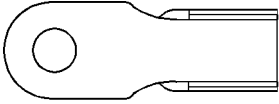
CAV	CIRCUIT	FUNCTION
1	A0 6RD	B(+)
1	A8 6RD	B(+)



**BATTERY-  
POSITIVE  
(DIESEL LEFT BATTERY)**

BATTERY-POSITIVE (DIESEL LEFT BATTERY) - (BATTERY) 1 WAY

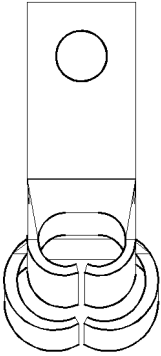
CAV	CIRCUIT	FUNCTION
1	A0 6RD	B(+)
1	A8 00RD	B(+)
1	A424 16DB	B(+)



**BATTERY-  
POSITIVE  
(DIESEL RIGHT BATTERY)**

BATTERY-POSITIVE (DIESEL RIGHT BATTERY) - (BATTERY) 1 WAY

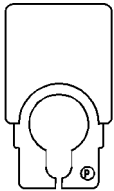
CAV	CIRCUIT	FUNCTION
1	A1 1RD	B(+)
1	A11 8LB	B(+)
1	A19 4BK	B(+)



**BATTERY-  
POSITIVE  
(GAS EXCEPT  
5.7L HD)**

BATTERY-POSITIVE (GAS EXCEPT 5.7L HD) - (BATTERY) 1 WAY

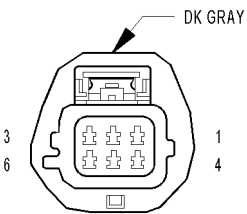
CAV	CIRCUIT	FUNCTION
1	A424 16DB	B(+)
1	A0 6RD	B(+)
1	A8 6RD	B(+)



**BATTERY-  
POSITIVE  
(5.9L DIESEL RIGHT BATTERY)**

BATTERY-POSITIVE (5.9L DIESEL RIGHT BATTERY) - (BATTERY) 1 WAY

CAV	CIRCUIT	FUNCTION
1	A1 01RD	FUSED B(+)

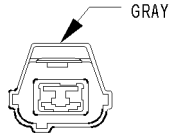


**C102  
(POWER WAGON/  
LD 4WD)**

C102 (POWER WAGON/LD 4WD) - DK GRAY (BATTERY SIDE) 6 WAY

CAV	CIRCUIT	FUNCTION
1	T750 14YL/GY	STARTER MOTOR CONTROL OUTPUT
2	F922 16PK/RD (DC)	FUSED IGNITION SWITCH OUTPUT (RUN)
2	T520 16YL/OR (POWER WAGON)	FRONT LOCKER SOURCE
3	A422 14RD (DC)	FUSED B(+)
3	Z906 20BK (LD 4WD)	GROUND
4	A423 14PK (DC)	FUSED B(+)
4	G303 20VT/DG (LD 4WD)	FRONT AXLE LOCK SIGNAL
5	F504 20GY/PK (DC)	FUSED IGNITION SWITCH OUTPUT (RUN)
5	G304 20VT/DB (LD 4WD)	FRONT AXLE LOCK CONTROL
5	T521 18YL/BK (POWER WAGON)	LOCKER SENSOR SUPPLY
6	Z912 20BK (DC)	GROUND
6	A880 20DB/RD (LD 4WD)	FUSED B(+)
6	T522 18YL/LB (POWER WAGON)	FRONT LOCKER SENSOR SENSE

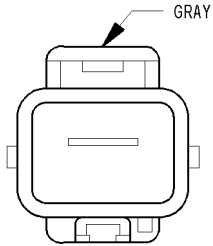




**C102**  
**(EXCEPT POWER WAGON/  
EXCEPT LD 4WD)**

C102 (EXCEPT POWER WAGON/EXCEPT LD 4WD) - GRAY (BATTERY SIDE) 1 WAY

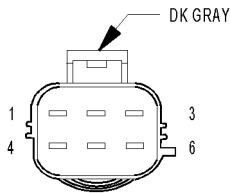
CAV	CIRCUIT	FUNCTION
1	T750 14YL/GY	STARTER MOTOR CONTROL OUTPUT



**C102**  
**(EXCEPT POWER WAGON/  
EXCEPT LD 4WD)**

C102 (EXCEPT POWER WAGON/EXCEPT LD 4WD) - GRAY (HEADLAMP AND DASH SIDE) 1 WAY

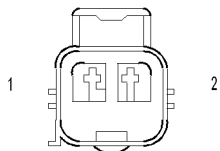
CAV	CIRCUIT	FUNCTION
1	T750 14YL/GY	STARTER MOTOR CONTROL OUTPUT



**C102**  
**(POWER WAGON/  
LD 4WD)**

C102 (POWER WAGON/LD 4WD) - DK GRAY (HEADLAMP AND DASH SIDE) 6 WAY

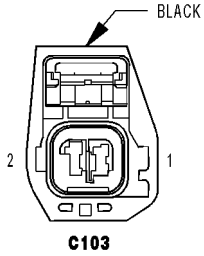
CAV	CIRCUIT	FUNCTION
1	T750 14YL/GY	STARTER MOTOR CONTROL OUTPUT
2	F922 16PK/RD (DC)	FUSED IGNITION SWITCH OUTPUT (RUN)
2	T520 16YL/OR (POWER WAGON)	FRONT LOCKER SOURCE
3	A422 14RD (DC)	FUSED B(+)
3	Z906 20BK (LD 4WD)	GROUND
3	T524 16YL/LG (POWER WAGON)	FRONT LOCKER RETURN
4	A423 14PK (DC)	FUSED B(+)
4	G303 20VT/DG (LD 4WD)	FRONT AXLE LOCK SIGNAL
5	G304 20VT/DB (LD 4WD)	FRONT AXLE LOCK CONTROL
5	T521 20YL/BK (POWER WAGON)	LOCKER SENSOR SUPPLY
6	A880 20DB/RD (LD 4WD)	FUSED B(+)
6	T522 20YL/LB (POWER WAGON)	FRONT LOCKER SENSOR SENSE



**C103**

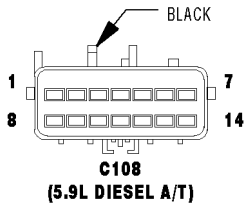
C103 - (UNDERHOOD SIDE) 2 WAY

CAV	CIRCUIT	FUNCTION
1	Z470 20BK/LB	GROUND
2	A114 18GY/RD	FUSED B(+)



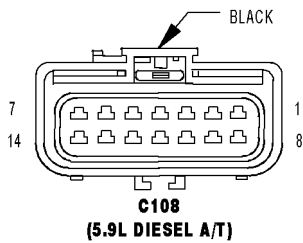
C103 - BLACK (HEADLAMP AND DASH SIDE) 2 WAY

CAV	CIRCUIT	FUNCTION
1	Z470 20BK/LB	GROUND
2	A114 18GY/RD	FUSED B(+)



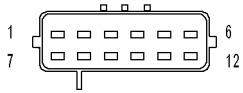
C108 (5.9L DIESEL A/T) - BLACK (ENGINE SIDE) 14 WAY

CAV	CIRCUIT	FUNCTION
1	T118 18DG	GOVERNOR PRESSURE SOLENOID CONTROL
2	T9 18DG/TN	3-4 SOLENOID CONTROL
3	T38 18YL/BR	GOVERNOR PRESSURE SENSOR SIGNAL
4	T75 18YL/LB	TORQUE CONVERTER CLUTCH SOLENOID CONTROL
5	T54 18DG/OR	TRANSMISSION TEMPERATURE SENSOR SIGNAL
6	T14 18DG/BR	OUTPUT SPEED SENSOR SIGNAL
7	T13 18DG/VT	SPEED SENSOR GROUND
8	K314 18TN/YL	TTVA MOTOR (+)
9	K312 18OR	TTVA POSITION SENSOR SIGNAL
10	K315 18TN/OR	TTVA MOTOR (-)
11	-	-
12	F856 18YL/PK	5 VOLT SUPPLY
13	-	-
14	-	-



C108 (5.9L DIESEL A/T) - BLACK (TRANSMISSION SIDE) 14 WAY

CAV	CIRCUIT	FUNCTION
1	T118 18DG	GOVERNOR PRESSURE SOLENOID CONTROL
2	T9 18DG/TN	3-4 SOLENOID CONTROL
3	T38 18YL/BR	GOVERNOR PRESSURE SENSOR SIGNAL
4	T75 18YL/LB	TORQUE CONVERTER CLUTCH SOLENOID CONTROL
5	T54 18DG/OR	TRANSMISSION TEMPERATURE SENSOR SIGNAL
6	T14 18DG/BR	OUTPUT SPEED SENSOR SIGNAL
7	T13 18DG/VT	SPEED SENSOR GROUND
8	K314 18TN/YL	TTVA MOTOR (+)
9	K312 18OR	TTVA POSITION SENSOR SIGNAL
10	K315 18TN/OR	TTVA MOTOR (-)
11	-	-
12	F856 18YL/PK	5 VOLT SUPPLY
13	-	-
14	-	-



**C108  
(6.7L DIESEL A/T)**

C108 (6.7L DIESEL A/T) - (TRANSMISSION JUMPER SIDE) 12 WAY

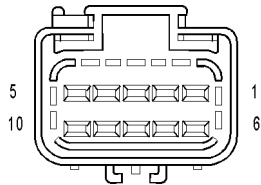
CAV	CIRCUIT	FUNCTION
1	-	-
2	K182 18BR/WT	SOOT DELTA PRESSURE SENSOR SIGNAL
3	K400 18BR/VT	APPS NO. 2 RETURN
4	K900 18DB/DG	SENSOR GROUND
5	K185 18BR/LB	PRE-CATALYST EXHAUST GAS TEMPERATURE SENSOR SIGNAL
6	K372 18BR/DG	EXHAUST OUTLET TEMPERATURE SENSOR SIGNAL
7	-	-
8	-	-
9	K854 18VT/BR	5 VOLT SUPPLY
10	-	-
11	K186 18BR/DB	POST CATALYST EXHAUST GAS TEMPERATURE SENSOR SIGNAL
12	-	-



**C112  
(6.7L)**

C112 (6.7L) - (ENGINE SIDE) 10 WAY

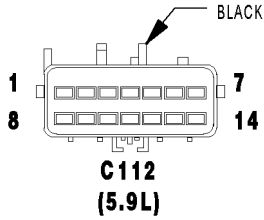
CAV	CIRCUIT	FUNCTION
1	-	-
2	Z816 14BK/WT	GROUND
3	C3 18DB/YL	A/C CLUTCH CONTROL OUTPUT
4	C18 18LB/BR	A/C PRESSURE SIGNAL
5	C818 18LB/OR	A/C PRESSURE 5 VOLT SUPPLY
6	C918 18BK/LB	A/C PRESSURE GROUND
7	-	-
8	-	-
9	-	-
10	F348 16PK/OR	SMART POWER RELAY FEED



**C112  
(6.7L)**

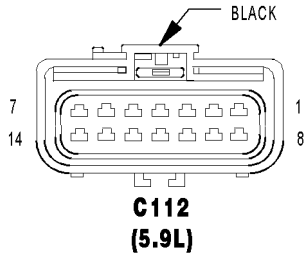
C112 (6.7L) - (TRANSMISSION SIDE) 10 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	Z816 14BK/WT	GROUND
3	C3 18DB/YL	A/C CLUTCH CONTROL OUTPUT
4	C18 18LB/BR	A/C PRESSURE SIGNAL
5	C818 18LB/OR	A/C PRESSURE 5 VOLT SUPPLY
6	C918 18BK/LB	A/C PRESSURE GROUND
7	-	-
8	-	-
9	-	-
10	F348 16PK/OR	SMART POWER RELAY FEED



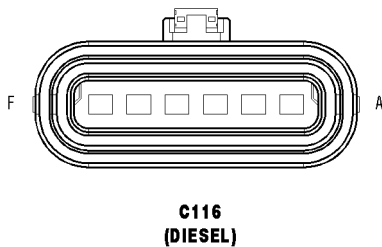
C112 (5.9L) - BLACK (ENGINE SIDE) 14 WAY

CAV	CIRCUIT	FUNCTION
1	K160 18BR/OR	PWM FAN COIL SIGNAL
2	A212 18PK/YL	FUSED B(+)
3	K167 18BR/YL	APPS NO. 1 RETURN
4	K852 18BR/VT	5 VOLT SUPPLY
5	K315 18TN/OR (A/T)	TTVA MOTOR (-)
6	K314 18TN/YL (A/T)	TTVA MOTOR (+)
7	-	
8	-	
9	D64 18WT/LB	CAN C BUS (-)
10	D65 18WT/LG	CAN C BUS (+)
11	C818 18LB/OR	A/C PRESSURE 5 VOLT SUPPLY
12	C918 18BK/LB	A/C PRESSURE GROUND
13	C18 18LB/BR	A/C PRESSURE SIGNAL
14	C3 18DB/BK	



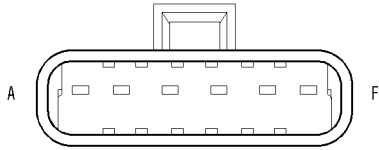
C112 (5.9L) - BLACK (TRANSMISSION SIDE) 14 WAY

CAV	CIRCUIT	FUNCTION
1	K160 18BR/OR	PWM FAN COIL SIGNAL
2	A212 18PK/YL	FUSED B(+)
3	K167 18BR/YL	APPS NO. 1 RETURN
4	K852 18BR/VT	5 VOLT SUPPLY
5	K315 18TN/OR (A/T)	TTVA MOTOR (-)
6	K314 18TN/YL (A/T)	TTVA MOTOR (+)
7	-	
8	-	
9	D64 18WT/LB	CAN C BUS (-)
10	D65 18WT/LG	CAN C BUS (+)
11	C818 18LB/OR	A/C PRESSURE 5 VOLT SUPPLY
12	C918 18BK/LB	A/C PRESSURE GROUND
13	C18 18LB/BR	A/C PRESSURE SIGNAL
14	C3 18DB/YL	A/C CLUTCH CONTROL OUTPUT



C116 (DIESEL) - (ENGINE SIDE) 6 WAY

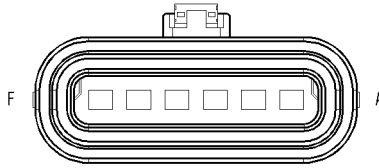
CAV	CIRCUIT	FUNCTION
A	K13 16TN (5.9L)	INJECTOR CONTROL NO. 3
A	K613 16GY/BR (6.7L)	INJECTOR HIGH SIDE DRIVER NO. 3
B	K227 16BR/LG (5.9L)	INJECTOR HIGH SIDE DRIVER-BANK 1
B	K13 16TN (6.7L)	INJECTOR CONTROL NO. 3
C	K12 16BR/DB (5.9L)	INJECTOR CONTROL NO. 2
C	K612 16YL/BR (6.7L)	INJECTOR HIGH SIDE DRIVER NO. 2
D	K227 16BR/LG (5.9L)	INJECTOR HIGH SIDE DRIVER-BANK 1
D	K12 16BR/DB (6.7L)	INJECTOR CONTROL NO. 2
E	K11 16BR/YL (5.9L)	INJECTOR CONTROL NO. 1
E	K611 16OR/BR (6.7L)	INJECTOR HIGH SIDE DRIVER NO. 1
F	K227 16BR/LG (5.9L)	INJECTOR HIGH SIDE DRIVER-BANK 1
F	K11 16BR/YL (6.7L)	INJECTOR CONTROL NO. 1



**C116  
(DIESEL)**

C116 (DIESEL) - (INJECTOR SIDE) 6 WAY

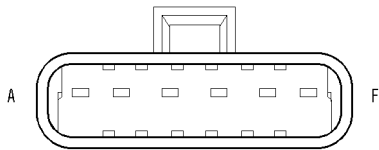
CAV	CIRCUIT	FUNCTION
A	K13 14BK (5.9L)	INJECTOR CONTROL NO. 3
A	K613 14BK (6.7L)	INJECTOR HIGH SIDE DRIVER NO. 3
B	K227 14BK (5.9L)	INJECTOR HIGH SIDE DRIVER-BANK 1
B	K13 14BK (6.7L)	INJECTOR CONTROL NO. 3
C	K12 14BK (5.9L)	INJECTOR CONTROL NO. 2
C	K612 14BK (6.7L)	INJECTOR HIGH SIDE DRIVER NO. 2
D	K227 14BK (5.9L)	INJECTOR HIGH SIDE DRIVER-BANK 1
D	K12 14BK (6.7L)	INJECTOR CONTROL NO. 2
E	K11 14BK (5.9L)	INJECTOR CONTROL NO. 1
E	K611 14BK (6.7L)	INJECTOR HIGH SIDE DRIVER NO. 1
F	K227 14BK (5.9L)	INJECTOR HIGH SIDE DRIVER-BANK 1
F	K11 14BK (6.7L)	INJECTOR CONTROL NO. 1



**C117  
(DIESEL)**

C117 (DIESEL) - (ENGINE SIDE) 6 WAY

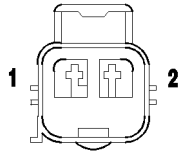
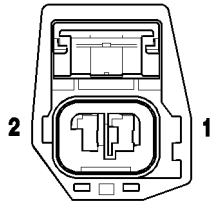
CAV	CIRCUIT	FUNCTION
A	K58 16BR/VT (5.9L)	INJECTOR CONTROL NO. 6
A	K658 16LG/BR (6.7L)	INJECTOR HIGH SIDE DRIVER NO. 6
B	K229 16TN/PK (5.9L)	INJECTOR HIGH SIDE DRIVER-BANK 2
B	K58 16BR/VT (6.7L)	INJECTOR CONTROL NO. 6
C	K38 16GY (5.9L)	INJECTOR CONTROL NO. 5
C	K638 16LB/BR (6.7L)	INJECTOR HIGH SIDE DRIVER NO. 5
D	K229 16TN/PK (5.9L)	INJECTOR HIGH SIDE DRIVER-BANK 2
D	K38 16GY (6.7L)	INJECTOR CONTROL NO. 5
E	K14 16BR/TN (5.9L)	INJECTOR CONTROL NO. 4
E	K614 16WT/BR (6.7L)	INJECTOR HIGH SIDE DRIVER NO. 4
F	K229 16TN/PK (5.9L)	INJECTOR HIGH SIDE DRIVER-BANK 2
F	K14 16BR/TN (6.7L)	INJECTOR CONTROL NO. 4



**C117  
(DIESEL)**

C117 (DIESEL) - (INJECTOR SIDE) 6 WAY

CAV	CIRCUIT	FUNCTION
A	K58 14BK (5.9L)	INJECTOR CONTROL NO. 6
A	K658 14BK (6.7L)	INJECTOR HIGH SIDE DRIVER NO. 6
B	K229 14BK (5.9L)	INJECTOR HIGH SIDE DRIVER-BANK 2
B	K58 14BK (6.7L)	INJECTOR CONTROL NO. 6
C	K38 14BK (5.9L)	INJECTOR CONTROL NO. 5
C	K638 14BK (6.7L)	INJECTOR HIGH SIDE DRIVER NO. 5
D	K229 14BK (5.9L)	INJECTOR HIGH SIDE DRIVER-BANK 2
D	K38 14BK (6.7L)	INJECTOR CONTROL NO. 5
E	K14 14BK (5.9L)	INJECTOR CONTROL NO. 4
E	K614 14BK (6.7L)	INJECTOR HIGH SIDE DRIVER NO. 4
F	K229 14BK (5.9L)	INJECTOR HIGH SIDE DRIVER-BANK 2
F	K14 14BK (6.7L)	INJECTOR CONTROL NO. 4

**C129****C129**

C129 - (CHASSIS SIDE) 2 WAY

CAV	CIRCUIT	FUNCTION
1	B1 18DG/OR	RIGHT REAR WHEEL SPEED SENSOR (-)
2	B2 18DG/LB	RIGHT REAR WHEEL SPEED SENSOR (+)

C129 - (HEADLAMP AND DASH SIDE) 2 WAY

CAV	CIRCUIT	FUNCTION
1	B1 20DG/OR	RIGHT REAR WHEEL SPEED SENSOR (-)
2	B2 20DG/LB	RIGHT REAR WHEEL SPEED SENSOR (+)

**CONNECTOR  
NOT  
AVAILABLE**

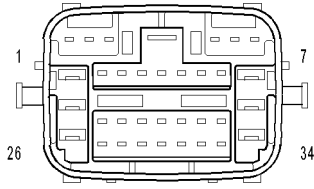
C130 (RC) - (HEADLAMP AND DASH SIDE) 43 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	A209 10RD	FUSED B(+)
3	F202 20PK	FUSED IGNITION SWITCH OUTPUT (RUN-START)
4	C3 20DB/YL	A/C CLUTCH CONTROL OUTPUT
5	-	-
6	C918 20BK/LB	A/C PRESSURE GROUND
7	K31 20BR	FUEL PUMP CONTROL
8	-	-
9	-	-
10	C13 20LB	A/C CLUTCH CONTROL
11	C818 20LB/OR	A/C PRESSURE 5 VOLT SUPPLY
12	C18 20LB/BR	A/C PRESSURE SIGNAL
13	-	-
14	-	-
15	D65 20WT/LG	CAN C BUS (+)
16	-	-
17	-	-
18	V37 20VT	S/C SWITCH NO. 1 SIGNAL
19	K25 20DB/VT	BATT TEMP SIGNAL
20	-	-
21	D64 20WT/LB	CAN C BUS (-)
22	K400 20BR/VT	APPS NO. 2 RETURN
23	K854 20VT/BR	5 VOLT SUPPLY
24	V38 20VT/OR	S/C SWITCH NO. 2 SIGNAL
25	K900 20DB/DG	SENSOR GROUND
26	V937 20VT/BR	S/C SWITCH RETURN
27	-	-
28	K852 20BR/LB	5 VOLT SUPPLY
29	K29 20WT/BR	APPS NO. 2 SIGNAL
30	G904 20VT/DG	EXHAUST BRAKE LAMP SIGNAL
31	G905 20BR/OR	EXHAUST BRAKE SWITCH SIGNAL
32	B29 20DG/WT	BRAKE SWITCH NO. 1 SIGNAL
33	V32 20VT/YL	BRAKE SWITCH NO. 2 SIGNAL
34	K23 20BR/WT	APPS NO. 1 SIGNAL
35	K167 20BR/DG	APPS NO. 1 RETURN
36	-	-
37	K348 18BR	SMART POWER RELAY RETURN
38	K974 18BR/BK	INTAKE AIR HEATER RELAY CONTROL RETURN
39	K174 18BR/YL	INTAKE AIR HEATER RELAY CONTROL
40	-	-
41	-	-
42	F348 16PK/OR	SMART POWER RELAY FEED
43	A961 14RD	FUEL HEATER CONTROL OUTPUT

**CONNECTOR  
NOT  
AVAILABLE**

C130 (RC) - (TRANSMISSION JUMPER SIDE) 43 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	A209 10RD	FUSED B(+)
3	F202 18PK/GY	FUSED IGNITION SWITCH OUTPUT (RUN-START)
4	C3 18DB/YL	A/C CLUTCH CONTROL OUTPUT
5	-	-
6	C918 18BK/LB	A/C PRESSURE GROUND
7	K31 18BR	FUEL PUMP CONTROL
8	-	-
9	-	-
10	C13 18LB	A/C CLUTCH CONTROL
11	C818 18LB/OR	A/C PRESSURE 5 VOLT SUPPLY
12	C18 18LB/BR	A/C PRESSURE SIGNAL
13	-	-
14	-	-
15	D65 18WT/LG	CAN C BUS (+)
16	-	-
17	-	-
18	V37 18VT	S/C SWITCH NO. 1 SIGNAL
19	K25 18DB/VT	BATT TEMP SIGNAL
20	-	-
21	D64 18WT/LB	CAN C BUS (-)
22	K400 18BR/VT	APPS NO. 2 RETURN
23	K854 18VT/BR	5 VOLT SUPPLY
24	V38 18VT/OR	S/C SWITCH NO. 2 SIGNAL
25	K900 18DB/DG	SENSOR GROUND
26	V937 18VT/BR	S/C SWITCH RETURN
27	-	-
28	K852 18BR/LB	5 VOLT SUPPLY
29	K29 18WT/BR	APPS NO. 2 SIGNAL
30	G904 18VT/DG	EXHAUST BRAKE LAMP SIGNAL
31	G905 18BR/OR	EXHAUST BRAKE SWITCH SIGNAL
32	B29 18DG/WT	BRAKE SWITCH NO. 1 SIGNAL
33	V32 18VT/YL	BRAKE SWITCH NO. 2 SIGNAL
34	K23 18BR/WT	APPS NO. 1 SIGNAL
35	K167 18BR/DG	APPS NO. 1 RETURN
36	-	-
37	K348 18BR	SMART POWER RELAY RETURN
38	K974 18BR/BK	INTAKE AIR HEATER RELAY CONTROL RETURN
39	K174 18BR/YL	INTAKE AIR HEATER RELAY CONTROL
40	-	-
41	-	-
42	F348 16PK/OR	SMART POWER RELAY FEED
43	A961 14RD	FUEL HEATER CONTROL OUTPUT



**C130  
(EXCEPT AISIN)**

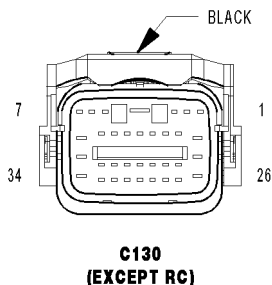
C130 (EXCEPT RC) - (ENGINE SIDE) 34 WAY

CAV	CIRCUIT	FUNCTION
1	A212 18PK/YL (DIESEL)	FUSED B(+)
1	D15 20WT/DG (GAS)	SCI TRANSMIT (TCM)
2	V37 18VT (DIESEL)	S/C SWITCH NO. 1 SIGNAL
2	D16 20WT/OR (GAS)	SCI RECEIVE (TCM)
3	C818 18LB/OR (DIESEL)	A/C PRESSURE 5 VOLT SUPPLY
3	C818 20LB/OR (GAS)	A/C PRESSURE 5 VOLT SUPPLY
4	A209 10RD (DIESEL)	FUSED B(+)
4	K342 16BR/WT (GAS)	ASD CONTROL OUTPUT
5	C18 18LB/BR (DIESEL)	A/C PRESSURE SIGNAL
5	C18 20LB/BR (GAS)	A/C PRESSURE SIGNAL
6	K31 18BR (DIESEL)	FUEL PUMP CONTROL
6	K106 20VT/LB (GAS)	NVLD SOL CONTROL
7	K174 18BR/YL (DIESEL)	INTAKE AIR HEATER RELAY CONTROL
7	K107 20VT/WT (GAS)	ESM SIGNAL
8	T101 16DG (4.7L)	SHIFT MOTOR CONTROL B
8	K451 20BR/WT (5.7L MDS)	MDS SOL CONTROL NO. 1
9	T41 18YL/DB (DIESEL)	TRS T41 SENSE
9	T41 20YL/DB (GAS A/T)	TRS T41 SENSE
10	C918 18BK/LB (DIESEL)	A/C PRESSURE GROUND
10	C918 16BK/LB (GAS)	A/C PRESSURE GROUND
11	C13 18LB/OR (DIESEL)	A/C CLUTCH CONTROL
11	A918 20RD (GAS)	FUSED B(+)
12	C3 18DB/YL (DIESEL)	A/C CLUTCH CONTROL OUTPUT
12	C3 20DB/YL (GAS)	A/C CLUTCH CONTROL OUTPUT
13	G180 20VT/YL (4.7L ETC)	SENSOR RETURN
13	K454 20BR/OR (5.7L MDS)	MDS SOL CONTROL NO. 7
13	V32 18VT/YL (DIESEL)	BRAKE SWITCH NO. 2 SIGNAL
14	L10 20WT/GY (4.7L M/T ATC)	FUSED IGNITION SWITCH OUTPUT (RUN)
15	A940 20RD (4.7L)	FUSED B(+)
16	T16 16YL/OR (A/T)	TRANSMISSION CONTROL OUTPUT
17	T102 16YL (4.7L)	SHIFT MOTOR CONTROL A
17	A961 14RD (DIESEL)	FUEL HEATER CONTROL OUTPUT
17	Z953 20BK (POWER WAGON)	GROUND
18	T6 18DG (DIESEL A/T)	TOW/HAUL OVERDRIVE OFF SWITCH SENSE
18	T6 20DG (GAS A/T)	TOW/HAUL OVERDRIVE OFF SWITCH SENSE
19	K900 20DB/DG (3.7L/4.7L/DIESEL)	SENSOR GROUND
19	T71 20YL/OR (5.7L FULL TIME ETC)	INPUT SPEED SENSOR 2 (N3) RETURN
20	T515 18YL/DB (DIESEL A/T)	TRANSMISSION CONTROL
20	T515 20YL/DB (GAS A/T)	TRANSMISSION CONTROL
21	K25 18DB/VT (DIESEL)	BATT TEMP SIGNAL
21	K399 20BR/GY (GAS)	O2 2/2 HEATER CONTROL
22	T71 20YL/OR (4.7L FULL TIME ETC)	INPUT SPEED SENSOR 2 (N3) RETURN
22	G24 20VT/BR (5.7L MDS)	OIL TEMPERATURE SIGNAL
22	B29 18DG/WT (DIESEL)	BRAKE SWITCH NO. 1 SIGNAL
23	D64 18WT/LB (DIESEL)	CAN C BUS (-)
23	D64 20WT/LB (GAS)	CAN C BUS (-)
24	D65 18WT/LG (DIESEL)	CAN C BUS (+)
24	D65 20WT/LG (GAS)	CAN C BUS (+)
25	T340 20DG/VT (4.7L FULL TIME ETC)	INPUT SPEED SENSOR 2 (N3) SIGNAL
25	K66 20DB/WT (5.7L)	P/S SWITCH SIGNAL
26	T751 20YL (GAS)	IGNITION SWITCH OUTPUT (START)
27	K29 18WT/BR (DIESEL)	APPS NO. 2 SIGNAL
27	K299 20BR/WT (GAS)	O2 1/2 HEATER CONTROL
28	T300 20YL/GY (4.7L)	T-CASE MOTOR BRAKE SIGNAL



C130 (EXCEPT RC) - (ENGINE SIDE) 34 WAY

CAV	CIRCUIT	FUNCTION
28	T340 20DG/VT (5.7L FULL TIME ETC)	INPUT SPEED SENSOR 2 (N3) SIGNAL
28	K854 18VT/BR (DIESEL)	5 VOLT SUPPLY
28	G180 20VT/YL (POWER WAGON)	SENSOR RETURN
29	K400 18BR/VT (DIESEL)	APPS NO. 2 RETURN
29	F1 20PK/WT (GAS)	FUSED IGNITION SWITCH OUTPUT (OFF-RUN-START)
30	D201 20WT/DG (4.7L)	MODE SENSOR A
30	F856 20YL/PK (5.7L)	5 VOLT SUPPLY
30	K23 18BR/WT (DIESEL)	APPS NO. 1 SIGNAL
31	T341 20DG/VT (4.7L FULL TIME ETC)	INPUT SPEED SENSOR 1 (N2) RETURN
31	F855 20PK/YL (5.7L)	5 VOLT SUPPLY
31	K852 18BR/VT (DIESEL)	5 VOLT SUPPLY
32	K167 18BR/YL (DIESEL)	APPS NO. 1 RETURN
32	T70 20YL (FULL TIME ETC)	INPUT SPEED SENSOR 1 (N2) SIGNAL
32	L10 20WT/GY (GAS M/T)	FUSED IGNITION SWITCH OUTPUT (RUN)
33	T103 20YL/OR (4.7L)	5 VOLT SUPPLY
33	T341 20DG/VT (5.7L FULL TIME ETC)	INPUT SPEED SENSOR 1 (N2) RETURN
33	D201 20WT/DG (5.7L MTC)	MODE SENSOR A
34	F202 18PK/GY (DIESEL)	FUSED IGNITION SWITCH OUTPUT (RUN-START)
34	F202 20PK/GY (GAS)	FUSED IGNITION SWITCH OUTPUT (RUN-START)

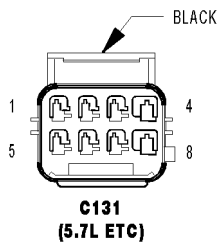


C130 (EXCEPT RC) - BLACK (HEADLAMP AND DASH SIDE) 34 WAY

CAV	CIRCUIT	FUNCTION
1	A212 20RD/OR (DIESEL)	FUSED B(+)
1	D15 20WT/DG (GAS)	SCI TRANSMIT (TCM)
2	V37 20VT (DIESEL)	S/C SWITCH NO. 1 SIGNAL
2	D16 20WT/OR (GAS)	SCI RECEIVE (TCM)
3	C818 20LB/OR	A/C PRESSURE 5 VOLT SUPPLY
4	A209 10RD (DIESEL)	FUSED B(+)
4	K342 16BR/WT (GAS)	ASD CONTROL OUTPUT
5	C18 20LB/BR	A/C PRESSURE SIGNAL
6	K31 20BR (DIESEL)	FUEL PUMP CONTROL
6	K106 20VT/LB (GAS)	NVLD SOL CONTROL
7	K174 18BR/YL (DIESEL)	INTAKE AIR HEATER RELAY CONTROL
7	K107 20VT/WT (GAS)	ESM SIGNAL
8	T101 16DG (5.7L HD)	SHIFT MOTOR CONTROL B
8	K451 20BR/WT (5.7L LD)	MDS SOL CONTROL NO. 1
9	T41 20YL/OR	TRS T41 SENSE
10	C918 20BK/LB	A/C PRESSURE GROUND
11	C13 20LB/OR (DIESEL)	A/C CLUTCH CONTROL
11	A918 16RD (GAS)	FUSED B(+)
12	C3 20DB/YL	A/C CLUTCH CONTROL OUTPUT
13	G180 20VT/YL (4.7L)	SENSOR RETURN
13	K454 20BR/OR (5.7L LD)	MDS SOL CONTROL NO. 7
13	V32 20VT/YL (DIESEL)	BRAKE SWITCH NO. 2 SIGNAL
14	L10 20WT/GY (4.7L)	FUSED IGNITION SWITCH OUTPUT (RUN)
15	A940 20RD (4.7L)	FUSED B(+)
16	T16 16YL/OR (GAS)	TRANSMISSION CONTROL OUTPUT
17	T102 16YL (4.7L)	SHIFT MOTOR CONTROL A
17	A961 12RD (DIESEL)	FUEL HEATER CONTROL OUTPUT
17	Z953 20BK (POWER WAGON)	GROUND
18	T6 20DG	TOW/HAUL OVERDRIVE OFF SWITCH SENSE
19	T71 20YL/OR (5.7L FULL TIME ETC)	INPUT SPEED SENSOR 2 (N3) RETURN
19	K900 20DB/DG (EXCEPT 5.7L)	SENSOR GROUND

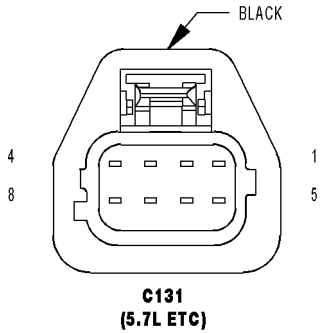
C130 (EXCEPT RC) - BLACK (HEADLAMP AND DASH SIDE) 34 WAY

CAV	CIRCUIT	FUNCTION
20	T515 20YL/DB (GAS A/T)	TRANSMISSION CONTROL
21	K25 20DB/VT (DIESEL)	BATT TEMP SIGNAL
21	K399 18BR/GY (GAS)	O2 2/2 HEATER CONTROL
22	T71 20YL/OR (4.7L FULL TIME ETC)	INPUT SPEED SENSOR 2 (N3) RETURN
22	G24 20VT/BR (5.7L LD)	OIL TEMPERATURE SIGNAL
22	B29 20DG/WT (DIESEL)	BRAKE SWITCH NO. 1 SIGNAL
23	D64 20WT/LB	CAN C BUS (-)
24	D65 20WT/LG	CAN C BUS (+)
25	T340 20DG/VT (4.7L FULL TIME ETC)	INPUT SPEED SENSOR 2 (N3) SIGNAL
25	K66 20DB/WT (5.7L LD)	P/S SWITCH SIGNAL
26	T751 20YL (GAS)	IGNITION SWITCH OUTPUT (START)
27	K29 20WT/BR (DIESEL)	APPS NO. 2 SIGNAL
27	K299 20BR/WT (GAS)	O2 1/2 HEATER CONTROL
28	T300 20YL/GY (4.7L)	T-CASE MOTOR BRAKE SIGNAL
28	T340 20DG/VT (5.7L FULL TIME ETC)	INPUT SPEED SENSOR 2 (N3) SIGNAL
28	K854 20VT/BR (DIESEL)	5 VOLT SUPPLY
28	G180 20VT/YL (POWER WAGON)	SENSOR RETURN
29	K400 20BR/VT (DIESEL)	APPS NO. 2 RETURN
29	F1 20PK/WT (GAS)	FUSED IGNITION SWITCH OUTPUT (OFF-RUN-START)
30	D201 20WT/DG (4.7L)	MODE SENSOR A
30	F856 20PK/YL (5.7L)	5 VOLT SUPPLY
30	K23 20BR/WT (DIESEL)	APPS NO. 1 SIGNAL
31	T341 20DG/VT (4.7L FULL TIME ETC)	INPUT SPEED SENSOR 1 (N2) RETURN
31	F855 20PK/YL (5.7L)	5 VOLT SUPPLY
31	K852 20BR/VT (DIESEL)	5 VOLT SUPPLY
32	K167 20BR/YL (DIESEL)	APPS NO. 1 RETURN
32	T70 20YL (FULL TIME ETC)	INPUT SPEED SENSOR 1 (N2) SIGNAL
32	L10 20WT/GY (GAS M/T)	FUSED IGNITION SWITCH OUTPUT (RUN)
33	D201 20WT/DG	MODE SENSOR A
33	K42 18DB/YL	KNOCK SENSOR NO. 1 SIGNAL
33	T103 20YL/OR	5 VOLT SUPPLY
33	T341 20DG/VT (5.7L FULL TIME ETC)	INPUT SPEED SENSOR 1 (N2) RETURN
34	F202 20PK/GY	FUSED IGNITION SWITCH OUTPUT (RUN-START)



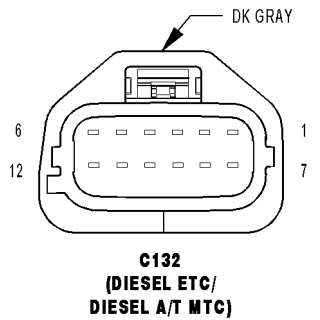
C131 (5.7L ETC) - BLACK (ENGINE SIDE) 8 WAY

CAV	CIRCUIT	FUNCTION
1	T101 16DG	SHIFT MOTOR CONTROL B
2	-	-
3	D201 20WT/DG	MODE SENSOR A
4	T103 20YL/OR	5 VOLT SUPPLY
5	T102 16YL	SHIFT MOTOR CONTROL A
6	A940 20RD	FUSED B(+)
7	T300 20YL/GY	T-CASE MOTOR BRAKE SIGNAL
8	G180 20VT/YL	SENSOR RETURN



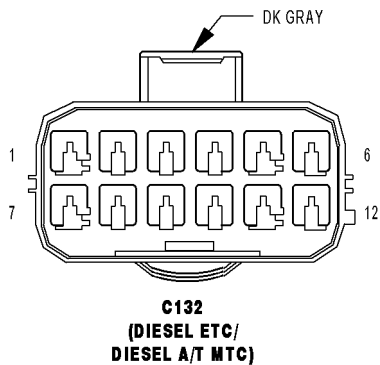
C131 (5.7L ETC) - BLACK (HEADLAMP AND DASH SIDE) 8 WAY

CAV	CIRCUIT	FUNCTION
1	T101 16DG	SHIFT MOTOR CONTROL B
2	-	-
3	D201 20WT/DG	MODE SENSOR A
4	T103 20YL/OR	5 VOLT SUPPLY
5	T102 16YL	SHIFT MOTOR CONTROL A
6	A940 18RD	FUSED B(+)
7	T300 20YL/GY	T-CASE MOTOR BRAKE SIGNAL
8	G180 20VT/YL	SENSOR RETURN



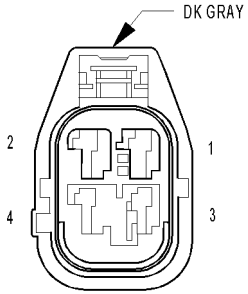
C132 (DIESEL ETC/DIESEL A/T MTC) - DK GRAY (HEADLAMP AND DASH SIDE) 12 WAY

CAV	CIRCUIT	FUNCTION
1	K900 20DB/DG (A/T)	SENSOR GROUND
2	T16 16YL/OR (A/T)	TRANSMISSION CONTROL OUTPUT
3	T917 20YL/TN (A/T)	TRANS RANGE SENSOR ELECTRONIC CLUSTER 5 VOLT SUPPLY
3	L10 20WT/DG (M/T)	FUSED IGNITION SWITCH OUTPUT (RUN)
4	T117 20DG/YL (A/T)	TRANS RANGE SENSOR ELECTRONIC CLUSTER 5 VOLT SUPPLY
4	Z965 20BK (M/T)	GROUND
5	T103 20YL/OR (ETC)	5 VOLT SUPPLY
6	T101 16DG (ETC)	SHIFT MOTOR CONTROL B
7	A918 20RD (ETC)	FUSED B(+)
8	T41 20YL/DB (A/T)	TRS T41 SENSE
9	G180 20VT/YL (ETC)	SENSOR RETURN
9	D201 20WT/DG (MTC)	MODE SENSOR A
10	T300 20YL/GY (ETC)	T-CASE MOTOR BRAKE SIGNAL
10	Z955 20BK (MTC)	GROUND
11	T102 16YL (ETC)	SHIFT MOTOR CONTROL A
12	D201 20WT/DG (ETC)	MODE SENSOR A



C132 (DIESEL ETC/DIESEL A/T MTC) - DK GRAY (TRANSMISSION SIDE) 12 WAY

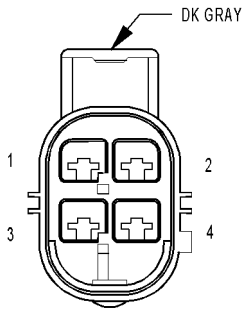
CAV	CIRCUIT	FUNCTION
1	K900 20DB/DG (A/T)	SENSOR GROUND
2	T16 16YL/OR (A/T)	TRANSMISSION CONTROL OUTPUT
3	T917 20YL/TN (A/T)	TRANS RANGE SENSOR ELECTRONIC CLUSTER 5 VOLT SUPPLY
3	L10 20WT/GY (M/T)	FUSED IGNITION SWITCH OUTPUT (RUN)
4	T117 20DG/YL (A/T)	TRANS RANGE SENSOR ELECTRONIC CLUSTER 5 VOLT SUPPLY
4	Z965 20BK (M/T)	GROUND
5	T103 20YL/OR (ETC)	5 VOLT SUPPLY
6	T101 16DG (ETC)	SHIFT MOTOR CONTROL B
7	A918 20RD (ETC)	FUSED B(+)
7	A940 20RD (M/T)	FUSED B(+)
8	T41 20YL/DB (A/T)	TRS T41 SENSE
9	G180 20VT/YL (ETC)	SENSOR RETURN
9	D201 18WT/DG (MTC)	MODE SENSOR A
10	T300 20YL/GY (ETC)	T-CASE MOTOR BRAKE SIGNAL
10	Z955 18BK (MTC)	GROUND
11	T102 16YL (ETC)	SHIFT MOTOR CONTROL A
12	D201 20WT/DG (ETC)	MODE SENSOR A



**C132**  
**(DIESEL M/T MTC)**

C132 (DIESEL M/T MTC) - DK GRAY (HEADLAMP AND DASH SIDE) 4 WAY

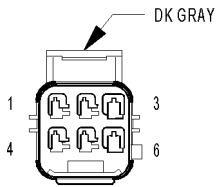
CAV	CIRCUIT	FUNCTION
1	D201 20WT/DG	MODE SENSOR A
2	Z955 20BK	GROUND
3	L10 20WT/GY	FUSED IGNITION SWITCH OUTPUT (RUN)
4	Z965 20BK	GROUND



**C132**  
**(DIESEL M/T MTC)**

C132 (DIESEL M/T MTC) - DK GRAY (TRANSMISSION SIDE) 4 WAY

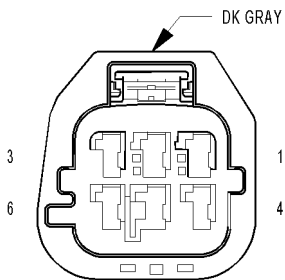
CAV	CIRCUIT	FUNCTION
1	D201 18WT/DG	MODE SENSOR A
1	D201 20WT/DG (6.7L)	MODE SENSOR A
2	Z955 18BK	GROUND
2	Z955 20BK (6.7L)	GROUND
3	L10 20WT/GY	FUSED IGNITION SWITCH OUTPUT (RUN)
4	Z965 20BK	GROUND



**C134**  
**(POWER WAGON)**

C134 (POWER WAGON) - DK GRAY (CHASSIS SIDE) 6 WAY

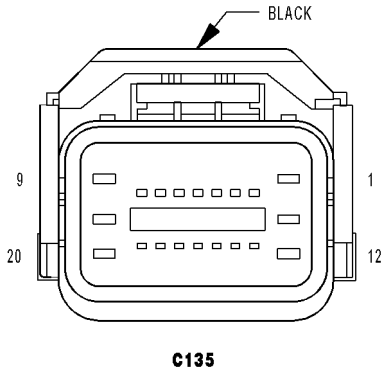
CAV	CIRCUIT	FUNCTION
1	T526 16YL/WT	REAR LOCKER SOURCE
2	T523 18YL/BK	LOCKER SENSOR SUPPLY
3	T527 18YL/TN	REAR LOCKER SENSOR SENSE
4	T528 16YL/GY	REAR LOCKER RETURN
5	-	-
6	-	-



**C134**  
**(POWER WAGON)**

C134 (POWER WAGON) - DK GRAY (HEADLAMP AND DASH SIDE) 6 WAY

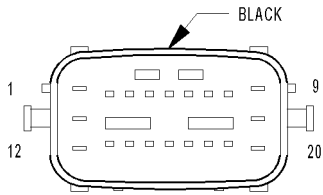
CAV	CIRCUIT	FUNCTION
1	T526 16YL/WT	REAR LOCKER SOURCE
2	T523 20YL/TN	LOCKER SENSOR SUPPLY
3	T527 20YL/TN	REAR LOCKER SENSOR SENSE
4	T528 16YL/GY	REAR LOCKER RETURN
5	-	-
6	-	-



**C135**

C135 - BLACK (CHASSIS SIDE) 20 WAY

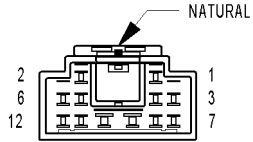
CAV	CIRCUIT	FUNCTION
1	A109 14OR/RD	FUEL PUMP CONTROL OUTPUT
2	L673 18YL	TRAILER TOW LEFT TURN RELAY OUTPUT
3	L674 18LG	TRAILER TOW RIGHT TURN RELAY OUTPUT
4	Z210 18BK	GROUND
5	N4 18DB/WT	FUEL LEVEL SENSOR SIGNAL
6	L7 18WT/YL	FUSED PARK LAMP FEED
7	L62 18WT/YL	RIGHT REAR TURN LAMP DRIVER
8	L63 18WT/DG	LEFT REAR TURN LAMP DRIVER
9	L678 18BR	FUSED PARK LAMP FEED
10	Z927 12BK	GROUND
11	B40 14DG (TRAILER TOW)	TRAILER TOW BRAKE B(+)
12	A100 14RD/VT (TRAILER TOW)	FUSED B(+)
13	L1 18WT/LG	BACKUP LAMP FEED
14	L50 18WT/TN	BRAKE LAMP SWITCH OUTPUT
15	B22 18DG/YL	REAR WHEEL SPEED SENSOR (-)
15	B3 18DG/YL (ESP)	REAR WHEEL SPEED SENSOR (-)
16	B222 18DG/WT	REAR WHEEL SPEED SENSOR (+)
16	B4 18DG/GY (ESP)	REAR WHEEL SPEED SENSOR (+)
17	L70 18WT/GY	FUSED PARK LAMP FEED
18	Z910 20BK	GROUND
19	K107 20VT/WT	ESM SIGNAL
20	Z363 18BK/DG	GROUND
20	Z363 14BK/DG	GROUND



**C135**

C135 - BLACK (HEADLAMP AND DASH SIDE) 20 WAY

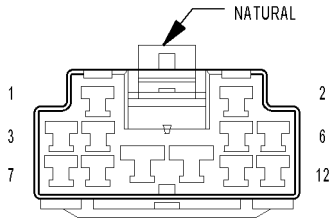
CAV	CIRCUIT	FUNCTION
1	A109 16OR/RD	FUEL PUMP CONTROL OUTPUT
2	L673 18YL	TRAILER TOW LEFT TURN RELAY OUTPUT
3	L674 18LG	TRAILER TOW RIGHT TURN RELAY OUTPUT
4	Z210 20BK	GROUND
5	N4 20DB/WT	FUEL LEVEL SENSOR SIGNAL
6	L7 20WT/YL	FUSED PARK LAMP FEED
7	L62 20WT/YL	RIGHT REAR TURN LAMP DRIVER
8	L63 20WT/DG	LEFT REAR TURN LAMP DRIVER
9	L678 18BR	FUSED PARK LAMP FEED
10	Z927 14BK	GROUND
10	Z927 14BK/OR (DIESEL)	GROUND
11	B40 14DG (TRAILER TOW)	TRAILER TOW BRAKE B(+)
12	A100 14RD/VT (TRAILER TOW)	FUSED B(+)
13	L1 18WT/LG	BACKUP LAMP FEED
14	L50 18WT/TN	BRAKE LAMP SWITCH OUTPUT
15	B22 20DG/YL (AWAL)	REAR WHEEL SPEED SENSOR (-)
15	B3 20DG/YL (ESP)	REAR WHEEL SPEED SENSOR (-)
15	B22 18DG/YL (RWAL)	REAR WHEEL SPEED SENSOR (-)
16	B222 20DG/WT (AWAL)	REAR WHEEL SPEED SENSOR (+)
16	B4 20DG/GY (ESP)	REAR WHEEL SPEED SENSOR (+)
16	B222 18DG/WT (RWAL)	REAR WHEEL SPEED SENSOR (+)
17	L70 20WT/GY	FUSED PARK LAMP FEED
18	Z910 20BK	GROUND
19	K107 20VT/WT	ESM SIGNAL
20	Z363 18BK/DG	GROUND



**C136**

C136 - NATURAL (BODY SIDE) 12 WAY

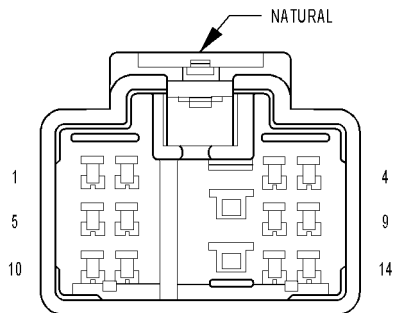
CAV	CIRCUIT	FUNCTION
1	-	-
2	A405 18RD/DB	FUSED B(+)
3	C16 18DB/GY (EXCEPT BASE)	HEATED MIRROR CONTROL OUTPUT
4	A940 18RD (EXCEPT BASE)	FUSED B(+)
5	-	-
6	-	-
7	-	-
8	-	-
9	A210 12OR/RD (EXCEPT BASE)	FUSED B(+)
10	C15 14BK (HEATED BACKLITE)	REAR WINDOW DEFOGGER CONTROL OUTPUT
11	-	-
12	-	-



**C136**

C136 - NATURAL (HEADLAMP AND DASH SIDE) 12 WAY

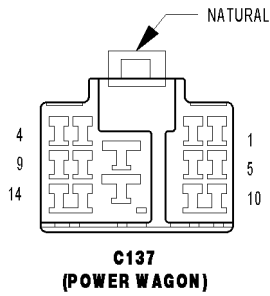
CAV	CIRCUIT	FUNCTION
1	-	-
2	A405 18RD/DB	FUSED B(+)
3	C16 18DB/GY (EXCEPT BASE)	HEATED MIRROR CONTROL OUTPUT
4	A940 18RD (EXCEPT BASE)	FUSED B(+)
5	-	-
6	-	-
7	-	-
8	-	-
9	A210 12OR/RD (EXCEPT BASE)	FUSED B(+)
10	C15 14DB/WT (HEATED BACKLITE)	REAR WINDOW DEFOGGER CONTROL OUTPUT
11	-	-
12	-	-



**C137  
(POWER WAGON)**

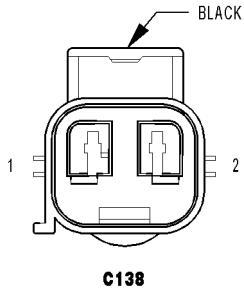
C137 (POWER WAGON) - NATURAL (HEADLAMP AND DASH SIDE) 14 WAY

CAV	CIRCUIT	FUNCTION
1	T529 20YL/LG	STABILIZER BAR ENGAGE ILLUMINATION SENSE
2	T530 20YL/DG	STABILIZER BAR DISENGAGE ILLUMINATION SENSE
3	T531 20YL/TN	STABILIZER BAR SWITCH SENSE
4	T532 20YL/GY	LOCKER OPEN ILLUMINATION SENSE
5	T533 20YL/LB	LOCKER REAR ILLUMINATION SENSE
6	T534 20YL	LOCKER FR/RR ILLUMINATION SENSE
7	-	-
8	T536 20YL/WT	SWITCH SUPPLY
9	T537 20YL/LG	LOCKER SWITCH SUPPLY
10	T535 20YL/BR	LOCKER SWITCH SENSE
11	-	-
12	-	-
13	E11 20OR/DB	PANEL LAMPS DRIVER
14	Z952 20BK	GROUND



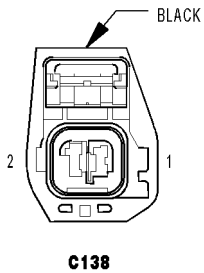
C137 (POWER WAGON) - NATURAL (SMART BAR SWITCH JUMPER SIDE) 14 WAY

CAV	CIRCUIT	FUNCTION
1	T529 20YL/LG	STABILIZER BAR ENGAGE ILLUMINATION SENSE
2	T530 20YL/DG	STABILIZER BAR DISENGAGE ILLUMINATION SENSE
3	T531 20YL/TN	STABILIZER BAR SWITCH SENSE
4	T532 20YL/GY	LOCKER OPEN ILLUMINATION SENSE
5	T533 20YL/LB	LOCKER REAR ILLUMINATION SENSE
6	T534 20YL	LOCKER FR/RR ILLUMINATION SENSE
7	-	-
8	T536 20YL/WT	SWITCH SUPPLY
9	T537 20YL/LG	LOCKER SWITCH SUPPLY
10	T535 20YL/BR	LOCKER SWITCH SENSE
11	-	-
12	-	-
13	E11 20OR/DB	PANEL LAMPS DRIVER
14	Z952 20BK	GROUND



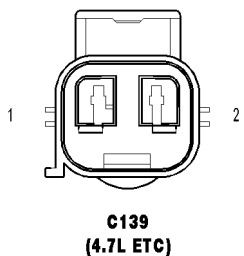
C138 - BLACK (FRONT FASCIA SIDE) 2 WAY

CAV	CIRCUIT	FUNCTION
1	L89 18WT/YL	FOG LAMP CONTROL OUTPUT
2	Z926 18BK	GROUND



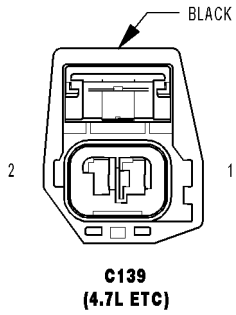
C138 - BLACK (HEADLAMP AND DASH SIDE) 2 WAY

CAV	CIRCUIT	FUNCTION
1	L89 18WT/YL	FOG LAMP CONTROL OUTPUT
2	Z926 18BK	GROUND



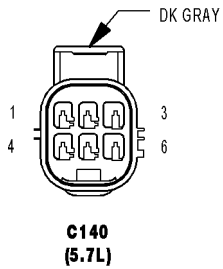
C139 (4.7L ETC) - (ENGINE SIDE) 2 WAY

CAV	CIRCUIT	FUNCTION
1	D20 20WT/LG	SCI RECEIVE (PCM)
2	D21 20WT/BR	SCI TRANSMIT (PCM)



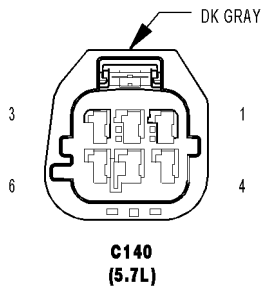
C139 (4.7L ETC) - BLACK (HEADLAMP AND DASH SIDE) 2 WAY

CAV	CIRCUIT	FUNCTION
1	D20 20WT/LG	SCI RECEIVE (PCM)
2	D21 20WT/BR	SCI TRANSMIT (PCM)



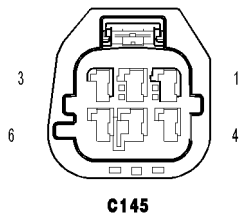
C140 (5.7L) - DK GRAY (ENGINE SIDE) 6 WAY

CAV	CIRCUIT	FUNCTION
1	K451 20BR/WT	MDS SOL CONTROL NO. 1
2	K452 20BR/LB	MDS SOL CONTROL NO. 4
3	K453 20BR/DG	MDS SOL CONTROL NO. 6
4	K454 20BR/OR	MDS SOL CONTROL NO. 7
5	-	-
6	Z903 20BK	GROUND



C140 (5.7L) - DK GRAY (MDS JUMPER SIDE) 6 WAY

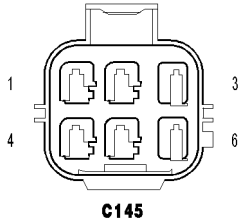
CAV	CIRCUIT	FUNCTION
1	K451 18BR/WT	MDS SOL CONTROL NO. 1
2	K452 18BR/LB	MDS SOL CONTROL NO. 4
3	K453 18BR/DG	MDS SOL CONTROL NO. 6
4	K454 18BR/OR	MDS SOL CONTROL NO. 7
5	-	-
6	Z903 18BK	GROUND



C145 - (HEADLAMP AND DASH SIDE) 6 WAY

CAV	CIRCUIT	FUNCTION
1	A426 14VT	FUSED B(+)
2	A422 14RD	FUSED B(+)
3	A423 14PK	FUSED B(+)
4	-	-
5	-	-
6	-	-





C145 - (CHASSIS SIDE) 6 WAY

CAV	CIRCUIT	FUNCTION
1	A426 14VT	FUSED B(+)
2	A422 14RD	FUSED B(+)
3	A423 14PK	FUSED B(+)
4	-	-
5	-	-
6	-	-

**CONNECTOR  
NOT  
AVAILABLE**

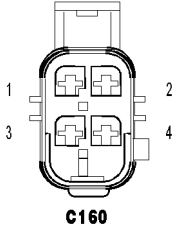
C155 (RC) - (HEADLAMP AND DASH SIDE) 43 WAY

CAV	CIRCUIT	FUNCTION
1	T101 16DG (ETC)	SHIFT MOTOR CONTROL B
2	-	-
3	T102 16YL (ETC)	SHIFT MOTOR CONTROL A
4	T808 20DG/GY	TRX-SOL S1
5	T809 20DG/YL	TRX-SOL S2
6	T801 20DG/RD	TRX-PRESS SW 2
7	T800 20DG/BR	TRX-PRESS SW 1
8	T3 20DG/BR	TRS T3 SENSE
9	T812 20DG/TN	TRX-LINEAR SOL 1 (-)
10	T810 20DG/DB	TRX-SOL S3
11	T811 20DG/LB	TRX-SOL S4
12	T802 20DG/PK	TRX-PRESS SW 3
13	T42 20DG/YL	TRS T42 SENSE
14	T813 20DG/LG	TRX-LINEAR SOL 1 (+)
15	T41 20YL/DB	TRS T41 SENSE
16	T803 20DG/BR	TRX-PRESS SW 4
17	T805 20DG/OR	TRX-PRESS SW 6
18	T820 20YL/WT	TORQUE CONVERTER OIL TEMPERATURE SIGNAL RETURN
19	T103 20YL/OR (ETC)	5 VOLT SUPPLY
20	T54 20DG/OR	TRANSMISSION TEMPERATURE SENSOR SIGNAL
21	T52 20DG/OR	INPUT SPEED SENSOR SIGNAL
22	T804 20YL/DB	TRX-PRESS SW 5
23	T806 20DG/VT	TRX-PRESS SW 7
24	T819 20YL/VT	TORQUE CONVERTER OIL TEMPERATURE SIGNAL
25	G180 20VT/YL	SENSOR RETURN
26	T816 20YL/PK	TRX-LINEAR SOL 3 (-)
27	T72 20YL/DB	SPEED SENSOR GROUND
28	T825 20DG/YL	TRX-TRANS RANGE SW NEUTRAL
29	T807 20DG/WT	TRX-PRESS SW 8
30	T821 20YL/GY	TRX-LINEAR SOL 4 (+)
31	T817 20YL/BR	TRX-LINEAR SOL 3 (+)
32	T814 20YL/BR	TRX-LINEAR SOL 2 (-)
33	T815 20YL/RD	TRX-LINEAR SOL 2 (+)
34	T824 20YL/DB	TRX-TRANS RANGE SW PARK
35	T826 20DG/DB	TRX-TRANS RANGE SW REVERSE
36	T818 20YL/OR	TRX-LINEAR SOL 4 (-)
37	D201 20WT/DG	MODE SENSOR A
38	T72 20YL/DB	SPEED SENSOR GROUND
39	T14 20DG/BR	OUTPUT SPEED SENSOR SIGNAL
40	T827 20DG/LB	TRX-TRANS RANGE SW DRIVE
41	T828 20DG/DB	TRX-TRANS RANGE SW 1
42	Z157 20BK/LG	GROUND
43	F1 20PK/WT	FUSED IGNITION SWITCH OUTPUT (OFF-RUN-START)

**CONNECTOR  
NOT  
AVAILABLE**

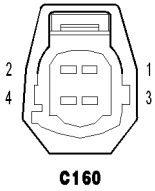
C155 (RC) - (TRANSMISSION SIDE) 43 WAY

CAV	CIRCUIT	FUNCTION
1	T101 16DG (ETC)	SHIFT MOTOR CONTROL B
2	-	-
3	T102 16YL (ETC)	SHIFT MOTOR CONTROL A
4	T808 20DG/GY	TRX-SOL S1
5	T809 20DG/YL	TRX-SOL S2
6	T801 20DG/RD	TRX-PRESS SW 2
7	T800 20DG/BR	TRX-PRESS SW 1
8	T3 20DG/BR	TRS T3 SENSE
9	T812 20DG/TN	TRX-LINEAR SOL 1 (-)
10	T810 20DG/DB	TRX-SOL S3
11	T811 20DG/LB	TRX-SOL S4
12	T802 20DG/PK	TRX-PRESS SW 3
13	T42 20DG/YL	TRS T42 SENSE
14	T813 20DG/LG	TRX-LINEAR SOL 1 (+)
15	T41 20YL/DB	TRS T41 SENSE
16	T803 20DG/BR	TRX-PRESS SW 4
17	T805 20DG/OR	TRX-PRESS SW 6
18	T820 20YL/WT	TORQUE CONVERTER OIL TEMPERATURE SIGNAL RETURN
19	T103 20YL/OR	5 VOLT SUPPLY
20	T54 20DG/OR	TRANSMISSION TEMPERATURE SENSOR SIGNAL
21	T52 20DG/OR	INPUT SPEED SENSOR SIGNAL
22	T804 20YL/DB	TRX-PRESS SW 5
23	T806 20DG/VT	TRX-PRESS SW 7
24	T819 20YL/VT	TORQUE CONVERTER OIL TEMPERATURE SIGNAL
25	G180 20VT/YL (ETC)	SENSOR RETURN
25	G180 18VT/YL (MTC)	SENSOR RETURN
26	T816 20YL/PK	TRX-LINEAR SOL 3 (-)
27	T72 20YL/DB	SPEED SENSOR GROUND
28	T825 20DG/YL	TRX-TRANS RANGE SW NEUTRAL
29	T807 20DG/WT	TRX-PRESS SW 8
30	T821 20YL/GY	TRX-LINEAR SOL 4 (+)
31	T817 20YL/BR	TRX-LINEAR SOL 3 (+)
32	T814 20YL/BR	TRX-LINEAR SOL 2 (-)
33	T815 20YL/RD	TRX-LINEAR SOL 2 (+)
34	T824 20YL/DB	TRX-TRANS RANGE SW PARK
35	T826 20DG/DB	TRX-TRANS RANGE SW REVERSE
36	T818 20YL/OR	TRX-LINEAR SOL 4 (-)
37	D201 20WT/DG (ETC)	MODE SENSOR A
37	D201 20WT/DG (MTC)	MODE SENSOR A
38	T72 20YL/DB	SPEED SENSOR GROUND
39	T14 20DG/BR	OUTPUT SPEED SENSOR SIGNAL
40	T827 20DG/LB	TRX-TRANS RANGE SW DRIVE
41	T828 20DG/DB	TRX-TRANS RANGE SW 1
42	Z157 20BK/LG	NO FUNCTION DEFINED
43	F1 20PK/WT	FUSED IGNITION SWITCH OUTPUT (OFF-RUN-START)



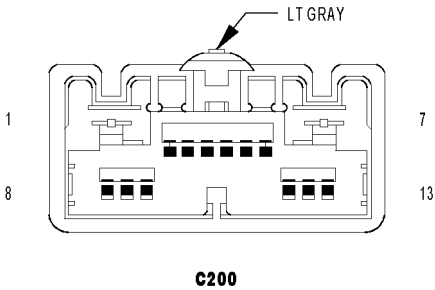
C160 - (AXLE DISCONNECT JUMPER SIDE) 4 WAY

CAV	CIRCUIT	FUNCTION
1	Z906 20BK	GROUND
2	G304 20VT/DB	FRONT AXLE LOCK CONTROL
3	A880 20DB/RD	FUSED B(+)
4	G303 20VT/DG	FRONT AXLE LOCK SIGNAL



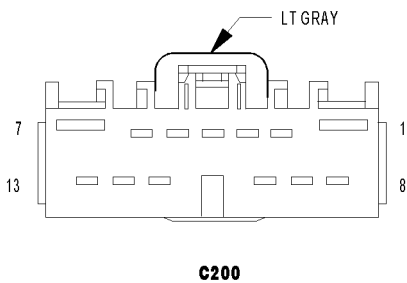
C160 - (BATTERY SIDE) 4 WAY

CAV	CIRCUIT	FUNCTION
1	Z906 20BK	GROUND
2	G304 20VT/DB	FRONT AXLE LOCK CONTROL
3	A880 20DB/RD	FUSED B(+)
4	G303 20VT/DG	FRONT AXLE LOCK SIGNAL



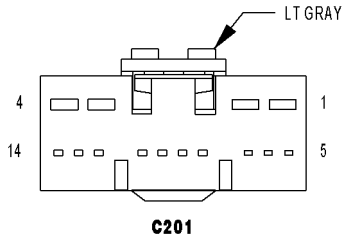
C200 - LT GRAY (HVAC SIDE) 13 WAY

CAV	CIRCUIT	FUNCTION
1	C70 10DB/YL	BLOWER MOTOR HIGH DRIVER
2	C34 20DB/LB	COMMON DOOR DRIVER
3	C71 16DB/BR	BLOWER MOTOR LOW DRIVER
4	C32 20DB/TN	RECIRCULATION DOOR DRIVER
5	C73 14DB/VT	BLOWER MOTOR M2 DRIVER
6	C72 16DB/OR	BLOWER MOTOR M1 DRIVER
7	F942 10PK/LG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
8	C801 20DB	MODE DOOR 1 DRIVER
9	C21 20DB/LG (A/C)	EVAPORATOR TEMPERATURE SENSOR SIGNAL
10	C121 20DB/DG (A/C)	SENSOR GROUND
11	C61 20DB/LG	BLEND DOOR DRIVER
12	C33 20LB/BR (DUAL ZONE)	PASSENGER BLEND DOOR DRIVER
13	C29 20DB	MODE DOOR 2 DRIVER



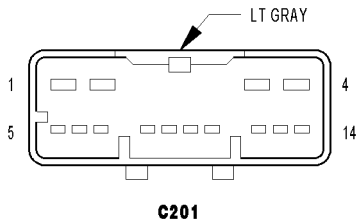
C200 - LT GRAY (I/P SIDE) 13 WAY

CAV	CIRCUIT	FUNCTION
1	C70 10DB/YL	BLOWER MOTOR HIGH DRIVER
2	C34 20DB/LB	COMMON DOOR DRIVER
3	C71 16DB/BR	BLOWER MOTOR LOW DRIVER
4	C32 20DB/TN	RECIRCULATION DOOR DRIVER
5	C73 14DB/VT	BLOWER MOTOR M2 DRIVER
6	C72 16DB/OR	BLOWER MOTOR M1 DRIVER
7	F942 10PK/LG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
8	C801 20DB/OR	MODE DOOR 1 DRIVER
9	C21 20DB/LG (A/C)	EVAPORATOR TEMPERATURE SENSOR SIGNAL
10	C121 20DB/DG (A/C)	SENSOR GROUND
11	C61 20DB/LG	BLEND DOOR DRIVER
12	C33 20LB/BR (DUAL ZONE)	PASSENGER BLEND DOOR DRIVER
13	C29 20DB	MODE DOOR 2 DRIVER



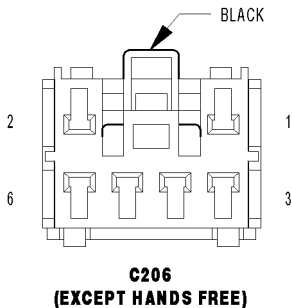
C201 - LT GRAY (HEADLINER SIDE) 14 WAY

CAV	CIRCUIT	FUNCTION
1	A310 14RD/LB (SUNROOF)	FUSED B(+)
2	A114 18GY/RD (DVD)	FUSED B(+)
2	A114 20GY/RD (EXCEPT DVD)	FUSED B(+)
3	L50 18WT/TN	BRAKE LAMP SWITCH OUTPUT
4	Z964 14BK	GROUND
5	-	-
6	-	-
7	L14 20WT/RD	CARGO LAMP DRIVER
8	-	-
9	M20 20YL/LB	COURTESY LAMPS DRIVER
10	D54 20WT (EXCEPT BASE)	CAN B BUS (-)
11	D55 20WT/OR (EXCEPT BASE)	CAN B BUS (+)
12	M288 20YL/GY (EXCEPT BASE)	READING LAMPS DRIVER
13	-	-
14	Z13 20BK/WT	GROUND



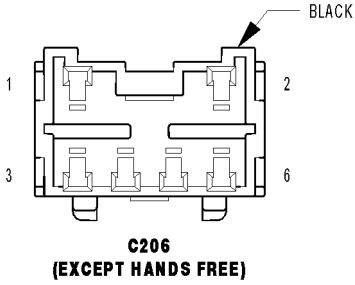
C201 - LT GRAY (I/P SIDE) 14 WAY

CAV	CIRCUIT	FUNCTION
1	A310 16RD/LB (EXCEPT BASE)	FUSED B(+)
2	A114 18GY/RD	FUSED B(+)
3	L50 18WT/TN	BRAKE LAMP SWITCH OUTPUT
4	Z964 18BK (EXCEPT BASE)	GROUND
5	-	-
6	-	-
7	L14 20WT/BR	CARGO LAMP DRIVER
8	-	-
9	M20 20YL/LB	COURTESY LAMPS DRIVER
10	D54 20WT (EXCEPT BASE)	CAN B BUS (-)
11	D55 20WT/OR (EXCEPT BASE)	CAN B BUS (+)
12	M288 20YL/GY	READING LAMPS DRIVER
13	-	-
14	Z13 18BK/WT	GROUND



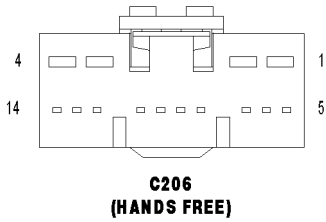
C206 (EXCEPT HANDS FREE) - BLACK (CLEARANCE LAMPS SIDE) 6 WAY

CAV	CIRCUIT	FUNCTION
1	L70 20WT/GY (EXCEPT EC MIRROR)	FUSED PARK LAMP FEED
2	Z946 20BK (EXCEPT EC MIRROR)	GROUND
3	F21 20PK/DG (AUTO DAY/NIGHT MIRROR)	FUSED IGNITION SWITCH OUTPUT (RUN-START)
4	Z944 20BK (AUTO DAY/NIGHT MIRROR)	GROUND
5	L1 20WT/LG (AUTO DAY/NIGHT MIRROR)	BACKUP LAMP FEED
6	-	-



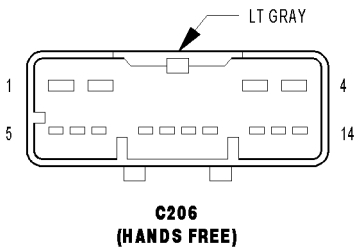
C206 (EXCEPT HANDS FREE) - BLACK (I/P SIDE) 6 WAY

CAV	CIRCUIT	FUNCTION
1	L70 20WT/GY (EXCEPT EC MIRROR)	FUSED PARK LAMP FEED
2	Z946 18BK (EXCEPT EC MIRROR)	GROUND
3	F21 20PK/DG (AUTO DAY/NIGHT MIRROR)	FUSED IGNITION SWITCH OUTPUT (RUN-START)
4	Z944 20BK (AUTO DAY/NIGHT MIRROR)	GROUND
5	L1 18WT/LG (AUTO DAY/NIGHT MIRROR)	BACKUP LAMP FEED
6	-	-



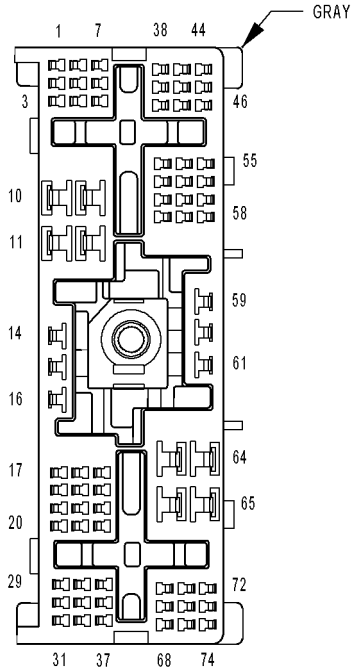
C206 (HANDS FREE) - (CLEARANCE LAMPS SIDE) 14 WAY

CAV	CIRCUIT	FUNCTION
1	L70 20WT/GY (CLEARANCE LAMPS)	FUSED PARK LAMP FEED
2	Z946 20BK (CLEARANCE LAMPS)	GROUND
3	F21 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
4	Z944 20BK	GROUND
5	L1 20WT/LG	BACKUP LAMP FEED
6	X712 20DG/LB	MICROPHONE 1 IN (+)
7	X792 20LB/DG	MICROPHONE IN (-)
8	X835 20OR/GY	SENSOR GROUND
9	X730 20GY/YL	VOICE RECOGNITION/PHONE SWITCH SIGNAL
10	X793 20DG/YL	MICROPHONE FEED
11	X722 20LB/DG	MICROPHONE 2 IN (+)
12	-	-
13	-	-
14	-	-



C206 (HANDS FREE) - LT GRAY (I/P SIDE) 14 WAY

CAV	CIRCUIT	FUNCTION
1	L70 20WT/GY (EXCEPT EC MIRROR)	FUSED PARK LAMP FEED
2	Z946 18BK (EXCEPT EC MIRROR)	GROUND
3	F21 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
4	Z944 20BK	GROUND
5	L1 18WT/LG	BACKUP LAMP FEED
6	X712 20DG/LB	MICROPHONE 1 IN (+)
7	X792 20LB/DG	MICROPHONE IN (-)
8	X835 20OR/GY	SENSOR GROUND
9	X730 20GY/YL	VOICE RECOGNITION/PHONE SWITCH SIGNAL
10	X793 20DG/YL	MICROPHONE FEED
11	X722 20LB/DG	MICROPHONE 2 IN (+)
12	-	-
13	-	-
14	-	-



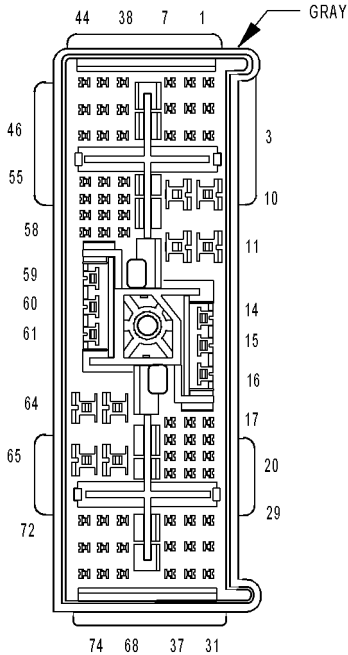
**C219**

C219 - GRAY (HEADLAMP AND DASH SIDE) 74 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	D15 20WT/DG (DIESEL)	SCI TRANSMIT (TCM)
3	L50 18WT/TN	BRAKE LAMP SWITCH OUTPUT
4	F1 20PK/WT	FUSED IGNITION SWITCH OUTPUT (OFF-RUN-START)
5	-	-
6	A103 18GY/RD	FUSED B(+)
7	-	-
8	-	-
9	E11 20OR/DB (POWER WAGON)	PANEL LAMPS DRIVER
10	-	-
11	F30 10PK/YL (EXCEPT BASE)	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
12	-	-
13	F942 10PK/LG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
14	F20 20PK/WT	IGNITION SWITCH OUTPUT (RUN-START)
15	A310 16RD/LB (EXCEPT BASE)	FUSED B(+)
16	A106 20LB/RD	FUSED B(+)
17	T5 20DG/YL (6.7L DIESEL AUTO)	TRANSMISSION CONTROL
18	T6 20DG (EXCEPT 6.7L DIESEL M/T)	TOW/HAUL OVERDRIVE OFF SWITCH SENSE
19	L70 20WT/GY	FUSED PARK LAMP FEED
20	F21 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
21	V32 20VT/YL	BRAKE SWITCH NO. 2 SIGNAL
22	D464 20WT/OR (ESP)	DYNAMICS SENSOR LOW DATA LINK
23	D465 20WT/GY (ESP)	DYNAMICS SENSOR HIGH DATA LINK
24	B25 20DG/WT	PARK BRAKE SWITCH SENSE
25	F202 20PK/GY (3.7L/5.7L/6.7L)	FUSED IGNITION SWITCH OUTPUT (RUN-START)
25	V30 20VT/WT (4.7L)	FUSED IGNITION SWITCH OUTPUT (RUN-START)
25	Z949 20BK (5.9L)	GROUND
26	A114 18GY/RD	FUSED B(+)
27	L1 18WT/LG	BACKUP LAMP FEED
28	F983 20PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
29	-	-
30	V937 20VT/BR (3.7L/5.7L/6.7L)	S/C SWITCH RETURN
30	K900 20DB/DG (EXCEPT 3.7L/5.7L/6.7L)	SENSOR GROUND
31	A944 20RD	FUSED B(+)
32	F504 20GY/PK	FUSED IGNITION SWITCH OUTPUT (RUN)
33	A941 18RD	FUSED B(+)
34	D54 20WT	CAN B BUS (-)
35	-	-
36	-	-
37	D55 20WT/OR	CAN B BUS (+)
38	T917 20YL/TN (5.9L DIESEL A/T)	TRANS RANGE SENSOR ELECTRONIC CLUSTER 5 VOLT SUPPLY
39	-	-
40	-	-
41	D64 20WT/LB	CAN C BUS (-)
42	F202 20PK/GY	FUSED IGNITION SWITCH OUTPUT (RUN-START)
43	A72 20RD/OR (EXCEPT BASE)	ADJUSTABLE PEDALS OUTPUT
44	D16 20WT/OR (6.7L DIESEL)	SCI RECEIVE (TCM)
45	D65 20WT/LG	CAN C BUS (+)
46	-	-
47	T117 20DG/YL (5.9L DIESEL A/T)	TRANS RANGE SENSOR ELECTRONIC CLUSTER 5 VOLT SUPPLY
48	A205 18RD/OR	FUSED B(+)

C219 - GRAY (HEADLAMP AND DASH SIDE) 74 WAY

CAV	CIRCUIT	FUNCTION
49	A116 16YL/RD (EXCEPT 3.7L/4.7L BASE)	FUSED B(+)
50	F984 18PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
51	V37 20VT	S/C SWITCH NO. 1 SIGNAL
52	V38 20VT/OR (EXCEPT 4.7L/5.9L)	S/C SWITCH NO. 2 SIGNAL
53	Z210 20BK	GROUND
54	N4 20DB/WT	FUEL LEVEL SENSOR SIGNAL
55	T160 20DG/WT (6.7L DIESEL A/T)	OD SOLENOID CONTROL
55	F960 20PK/LG (ESP)	FUSED IGNITION SWITCH OUTPUT (RUN-START)
56	F100 20PK/VT	FUSED IGNITION SWITCH OUTPUT (RUN)
57	F921 20PK/LB	FUSED IGNITION SWITCH OUTPUT (RUN)
58	-	-
59	-	-
60	-	-
61	A930 16RD (HEATED SEATS)	FUSED B(+)
62	-	-
63	-	-
64	-	-
65	-	-
66	R79 20LB/VT (EXCEPT 5.7L HD/EXCEPT DIESEL)	LEFT FRONT IMPACT SENSOR SIGNAL
67	F201 20PK/OR	FUSED IGNITION SWITCH OUTPUT (RUN-START)
68	R81 20LB/WT (EXCEPT 5.7L HD/EXCEPT DIESEL)	LEFT FRONT IMPACT SENSOR GROUND
69	B29 20DG/WT	BRAKE SWITCH NO. 1 SIGNAL
70	A919 20RD	FUSED B(+)
71	D51 20WT/BR	DIAGNOSTIC CAN C (-)
72	R80 20VT/LB (EXCEPT EXHAUST BRAKE)	RIGHT FRONT IMPACT SENSOR SIGNAL
73	R82 20WT/LB (EXCEPT EXHAUST BRAKE)	RIGHT FRONT IMPACT SENSOR GROUND
74	D52 20WT/LB	DIAGNOSTIC CAN C (+)



C219

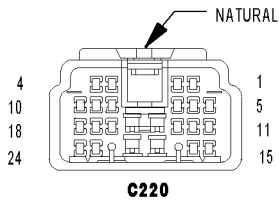
C219 - NATURAL (I/P SIDE) 74 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	D15 18WT/DG	SCI TRANSMIT (TCM)
2	G127 20VT/DB	OIL TEMPERATURE GAUGE SIGNAL
3	L50 18WT/TN	BRAKE LAMP SWITCH OUTPUT
4	F1 20PK/WT	FUSED IGNITION SWITCH OUTPUT (OFF-RUN-START)
5	D21 18WT/BR	SCI TRANSMIT (PCM)
6	A103 18GY/RD	FUSED B(+)
7	-	-
8	D20 20WT/LG	SCI RECEIVE (PCM)
9	E11 20OR/DB	PANEL LAMPS DRIVER
10	-	-
11	F30 10PK/YL (EXCEPT BASE SLT)	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
11	F30 12PK/YL (EXCEPT BASE)	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
12	-	-
13	F942 10PK/LG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
14	F20 20PK/WT	IGNITION SWITCH OUTPUT (RUN-START)
15	A310 16RD/LB (EXCEPT BASE)	FUSED B(+)
16	A106 20LB/RD	FUSED B(+)
17	T5 20DG/YL (6.7L DIESEL AUTO)	TRANSMISSION CONTROL
18	T6 20DG	TOW/HAUL OVERDRIVE OFF SWITCH SENSE
19	L70 20WT/GY	FUSED PARK LAMP FEED
20	F21 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
21	V32 20VT/YL	BRAKE SWITCH NO. 2 SIGNAL
22	D464 20WT/OR (ESP)	DYNAMICS SENSOR LOW DATA LINK
23	D465 20WT/GY (ESP)	DYNAMICS SENSOR HIGH DATA LINK
24	B25 20DG/WT	PARK BRAKE SWITCH SENSE
25	V30 20VT/WT	S/C BRAKE SWITCH OUTPUT
26	A114 18GY/RD	FUSED B(+)
27	L1 18WT/LG (EXCEPT BASE)	BACKUP LAMP FEED
28	F983 20PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
29	-	-
30	V937 20VT/BR	S/C SWITCH RETURN
31	A944 20RD	FUSED B(+)
32	F504 20GY/PK (EXCEPT BASE)	FUSED IGNITION SWITCH OUTPUT (RUN)
33	A941 18RD	FUSED B(+)
34	D54 20WT	CAN B BUS (-)
35	-	-
36	-	-
37	D55 20WT/OR	CAN B BUS (+)
38	T917 20YL/TN (EXCEPT ESP)	TRANS RANGE SENSOR ELECTRONIC CLUSTER 5 VOLT SUPPLY
39	-	-
40	-	-
41	D64 20WT/LB	CAN C BUS (-)
42	F202 20PK/GY (EXCEPT BASE)	FUSED IGNITION SWITCH OUTPUT (RUN-START)
43	A72 18RD/OR (EXCEPT BASE)	ADJUSTABLE PEDALS OUTPUT
44	D16 18WT/OR	SCI RECEIVE (TCM)
45	D65 20WT/LG	CAN C BUS (+)
46	K77 20BR/WT	TRANSFER CASE POSITION SENSOR INPUT
47	T117 20DG/YL (EXCEPT ESP)	TRANS RANGE SENSOR ELECTRONIC CLUSTER 5 VOLT SUPPLY
48	A205 18RD/OR	FUSED B(+)
49	A116 18YL/RD (PREMIUM AUDIO)	FUSED B(+)
50	F984 18PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
51	V37 20VT	S/C SWITCH NO. 1 SIGNAL
52	V38 20VT/OR	S/C SWITCH NO. 2 SIGNAL
53	Z210 20BK	GROUND
54	N4 20DB/WT	FUEL LEVEL SENSOR SIGNAL
55	T160 20DG/WT	OD SOLENOID CONTROL
55	F960 20PK/LG (ESP)	FUSED IGNITION SWITCH OUTPUT (RUN-START)



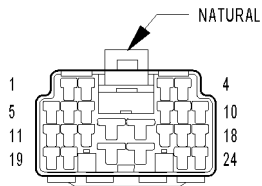
C219 - NATURAL (I/P SIDE) 74 WAY

CAV	CIRCUIT	FUNCTION
56	F100 20PK/VT	FUSED IGNITION SWITCH OUTPUT (RUN)
57	F921 20PK/LB	FUSED IGNITION SWITCH OUTPUT (RUN)
58	-	-
59	-	-
60	-	-
61	A930 16RD (HEATED SEATS)	FUSED B(+)
62	-	-
63	-	-
64	-	-
65	-	-
66	R79 20LB/VT (EXCEPT EXHAUST BRAKE)	LEFT FRONT IMPACT SENSOR SIGNAL
67	F201B 20PK/OR	FUSED IGNITION SWITCH OUTPUT (RUN-START)
68	R81 20LB/WT (EXCEPT EXHAUST BRAKE)	LEFT FRONT IMPACT SENSOR GROUND
69	B29 20DG/WT	BRAKE SWITCH NO. 1 SIGNAL
70	A919 20RD (EXCEPT BASE)	FUSED B(+)
71	D51 20WT/BR	DIAGNOSTIC CAN C (-)
72	R80 20VT/LB (EXCEPT EXHAUST BRAKE)	RIGHT FRONT IMPACT SENSOR SIGNAL
73	R82 20WT/LB (EXCEPT EXHAUST BRAKE)	RIGHT FRONT IMPACT SENSOR GROUND
74	D52 20WT/LB	DIAGNOSTIC CAN C (+)



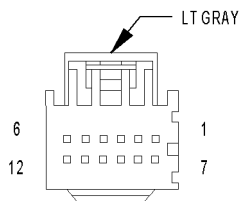
C220 - NATURAL (BODY SIDE) 24 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	X295 18GY/DG	LEFT REAR SPEAKER (-)
3	-	-
4	X153 18DG/YL	LEFT FRONT DOOR SPEAKER (+)
5	G75 20VT	DRIVER DOOR AJAR SWITCH SENSE
6	G77 20VT/GY (QUAD CAB)	LEFT REAR DOOR AJAR SWITCH SENSE
7	X155 18DG/LB	LEFT FRONT DOOR SPEAKER (-)
8	P95 18LG/WT (HEATED SEATS)	PASSENGER SEAT HEATER SUPPLY
9	P693 18LG/WT (HEATED SEATS)	DRIVER SEAT HEATER SUPPLY
10	X205 18GY/LG	LEFT REAR SPEAKER (+)
11	P5 18TN/OR (QUAD CAB)	DOOR UNLOCK DRIVER LEFT REAR
12	F100 20PK/VT	FUSED IGNITION SWITCH OUTPUT (RUN)
13	F201 20PK/OR	FUSED IGNITION SWITCH OUTPUT (RUN-START)
14	-	-
15	Q950 12OR/LG (QUAD CAB/EXCEPT BASE)	POWER BACKLITE OPEN (+)
16	R57 20LG/GY	DRIVER SEAT BELT SWITCH SENSE
17	P393 18LG (EXCEPT BASE)	DOOR LOCK DRIVER LEFT DOORS
18	G161 20VT/DG (EXCEPT BASE)	DRIVER DOOR LOCK SWITCH MUX
19	-	-
20	P1 18TN/LG (EXCEPT BASE)	DOOR UNLOCK DRIVER LEFT FRONT
21	Q951 12OR/VT (QUAD CAB/EXCEPT BASE)	POWER BACKLITE OPEN (-)
22	F30 12PK/YL (EXCEPT BASE)	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
23	F983 20PK/YL (EXCEPT QUAD CAB)	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
24	-	-

**C220**

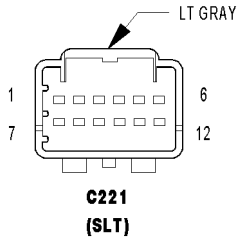
C220 - NATURAL (I/P SIDE) 24 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	X295 18GY/DG	LEFT REAR SPEAKER (-)
3	-	-
4	X153 18DG/YL	LEFT FRONT DOOR SPEAKER (+)
5	G75 20VT	DRIVER DOOR AJAR SWITCH SENSE
6	G77 20VT/GY	LEFT REAR DOOR AJAR SWITCH SENSE
7	X155 18DG/LB	LEFT FRONT DOOR SPEAKER (-)
8	P95 18LG/WT- (HEATED SEATS)	PASSENGER SEAT HEATER SUPPLY
9	P693 18LG/WT (HEATED SEATS)	DRIVER SEAT HEATER SUPPLY
10	X205 18GY/LG	LEFT REAR SPEAKER (+)
11	P5 18TN/OR (EXCEPT BASE)	DOOR UNLOCK DRIVER LEFT REAR
12	F100 20PK/VT	FUSED IGNITION SWITCH OUTPUT (RUN)
13	F201 20PK/OR	FUSED IGNITION SWITCH OUTPUT (RUN-START)
14	-	-
15	Q950 12OR/LG (EXCEPT BASE)	POWER BACKLITE OPEN (+)
16	R57 20LG/GY	DRIVER SEAT BELT SWITCH SENSE
17	P393 18LG (EXCEPT BASE)	DOOR LOCK DRIVER LEFT DOORS
18	G161 20VT/DG (EXCEPT BASE)	DRIVER DOOR LOCK SWITCH MUX
19	-	-
20	P1 18TN/LG (EXCEPT BASE)	DOOR UNLOCK DRIVER LEFT FRONT
21	Q951 12OR/VT (EXCEPT BASE)	POWER BACKLITE OPEN (-)
22	F30 12PK/YL (EXCEPT BASE)	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
23	F983 20PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
24	-	-

**C221  
(SLT)**

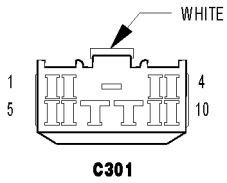
C221 (SLT) - LT GRAY (HEADLINER SIDE) 12 WAY

CAV	CIRCUIT	FUNCTION
1	Z957 18BK	GROUND
2	X916 20GY/OR	SDARS AUDIO RETURN
3	X511 20GY/LG	LEFT AUDIO AUX
4	X521 20GY/LB	LEFT AUDIO AUX
5	A118 18RD/OR	FUSED B(+)
6	X510 20DG/LB	RIGHT AUDIO AUX
7	X910 20GY/DG	AUX AUDIO RETURN
8	X522 20GY/DB	RIGHT AUDIO AUX
9	D54 20WT	CAN B BUS (-)
10	D55 20WT/OR	CAN B BUS (+)
11	-	-
12	-	-



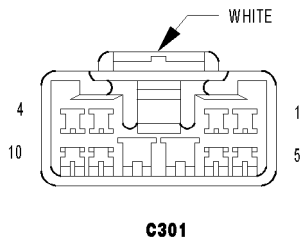
C221 (SLT) - LT GRAY (I/P SIDE) 12 WAY

CAV	CIRCUIT	FUNCTION
1	Z957 18BK	GROUND
2	X916 20GY/OR	SDARS AUDIO RETURN
3	X511 18GY/LG	LEFT AUDIO AUX
4	X521 18GY/LB	LEFT AUDIO AUX
5	-	-
6	X510 18DG/LB	RIGHT AUDIO AUX
7	X910 18GY/DG	AUX AUDIO RETURN
8	X522 18GY/DB	RIGHT AUDIO AUX
9	D54 20WT	CAN B BUS (-)
10	D55 20WT/OR	CAN B BUS (+)
11	Z30 18BK	GROUND
12	Z30 18BK	GROUND



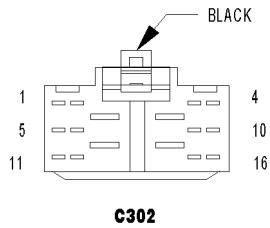
C301 - WHITE (BODY SIDE) 10 WAY

CAV	CIRCUIT	FUNCTION
1	G74 20VT/WT	PASSENGER DOOR AJAR SWITCH SENSE
2	P195 18LG/YL (EXCEPT BASE)	LEFT MIRROR COMMON DRIVER (RIGHT/DOWN)
3	P72 18TN/GY (EXCEPT BASE)	RIGHT MIRROR UP DRIVER
4	X154 18GY/YL	RIGHT FRONT DOOR SPEAKER (+)
5	X156 18GY/LB	RIGHT FRONT DOOR SPEAKER (-)
6	P74 18TN/OR (EXCEPT BASE)	RIGHT MIRROR LEFT DRIVER
7	Q15 12OR/LB (EXCEPT BASE)	POWER WINDOW SWITCH FEED
8	-	-
9	-	-
10	Z917 20BK	GROUND



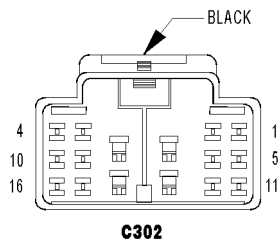
C301 - WHITE (PASSENGER DOOR SIDE) 10 WAY

CAV	CIRCUIT	FUNCTION
1	G74 20VT/WT	PASSENGER DOOR AJAR SWITCH SENSE
2	P195 18LG/YL	LEFT MIRROR COMMON DRIVER (RIGHT/DOWN)
3	P72 18TN/GY	RIGHT MIRROR UP DRIVER
4	X154 18GY/YL	RIGHT FRONT DOOR SPEAKER (+)
5	X156 18GY/LB	RIGHT FRONT DOOR SPEAKER (-)
6	P74 18TN/OR	RIGHT MIRROR LEFT DRIVER
7	Q15 12OR/LB	POWER WINDOW SWITCH FEED
8	-	-
9	-	-
10	Z917 20BK	GROUND



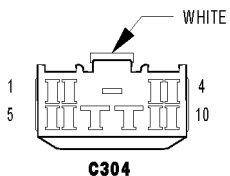
C302 - BLACK (BODY SIDE) 16 WAY

CAV	CIRCUIT	FUNCTION
1	F21 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
2	-	-
3	-	-
4	G778 18VT/LB	DOOR UNLOCK DRIVER RIGHT DOORS
5	-	-
6	G160 20VT/LG	PASSENGER DOOR LOCK SWITCH MUX
7	Q16 12OR/TN	MASTER WINDOW SWITCH RIGHT FRONT (UP)
8	Q26 12OR/GY	MASTER WINDOW SWITCH RIGHT FRONT (DOWN)
9	-	-
10	P392 18LG/DB	DOOR LOCK DRIVER RIGHT DOORS
11	Z939 20BK	GROUND
12	-	-
13	C16 18DB/GY	HEATED MIRROR CONTROL OUTPUT
14	-	-
15	-	-
16	-	-



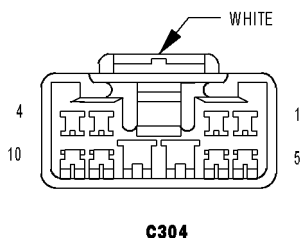
C302 - BLACK (PASSENGER DOOR SIDE) 16 WAY

CAV	CIRCUIT	FUNCTION
1	F21 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
2	-	-
3	-	-
4	G778 18VT/LB	DOOR UNLOCK DRIVER RIGHT DOORS
5	-	-
6	G160 20VT/LG	PASSENGER DOOR LOCK SWITCH MUX
7	Q16 12OR/TN	MASTER WINDOW SWITCH RIGHT FRONT (UP)
8	Q26 12OR/GY	MASTER WINDOW SWITCH RIGHT FRONT (DOWN)
9	-	-
10	P392 18LG/DB	DOOR LOCK DRIVER RIGHT DOORS
11	Z939 20BK	GROUND
12	-	-
13	C16 18DB/GY	HEATED MIRROR CONTROL OUTPUT
14	-	-
15	-	-
16	-	-



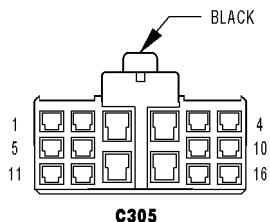
C304 - WHITE (BODY SIDE) 10 WAY

CAV	CIRCUIT	FUNCTION
1	G75 20VT	DRIVER DOOR AJAR SWITCH SENSE
2	P195 18LG/YL (EXCEPT BASE)	LEFT MIRROR COMMON DRIVER (RIGHT/DOWN)
3	P72 18TN/GY (EXCEPT BASE)	RIGHT MIRROR UP DRIVER
4	X153 18DG/YL	LEFT FRONT DOOR SPEAKER (+)
5	X155 18DG/LB	LEFT FRONT DOOR SPEAKER (-)
6	P74 18TN/OR (EXCEPT BASE)	RIGHT MIRROR LEFT DRIVER
7	F30 12PK/YL (EXCEPT BASE)	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
8	Q15 12OR/LB (EXCEPT BASE)	POWER WINDOW SWITCH FEED
9	A940 18RD (EXCEPT BASE)	FUSED B(+)
10	Z917 20BK	GROUND



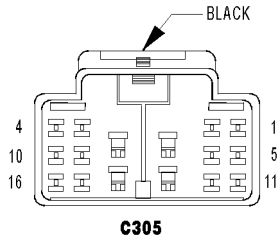
C304 - WHITE (DRIVER DOOR SIDE) 10 WAY

CAV	CIRCUIT	FUNCTION
1	G75 20VT	DRIVER DOOR AJAR SWITCH SENSE
2	P195 18LG/YL (EXCEPT BASE)	LEFT MIRROR COMMON DRIVER (RIGHT/DOWN)
3	P72 18TN/GY (EXCEPT BASE)	RIGHT MIRROR UP DRIVER
4	X153 18DG/YL	LEFT FRONT DOOR SPEAKER (+)
5	X155 18DG/LB	LEFT FRONT DOOR SPEAKER (-)
6	P74 18TN/OR (EXCEPT BASE)	RIGHT MIRROR LEFT DRIVER
7	F30 12PK/YL (EXCEPT BASE)	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
8	Q15 12OR/LB (EXCEPT BASE)	POWER WINDOW SWITCH FEED
9	A940 18RD (EXCEPT BASE)	FUSED B(+)
10	Z917 20BK	GROUND



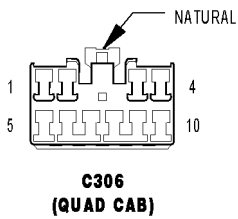
C305 - BLACK (BODY SIDE) 16 WAY

CAV	CIRCUIT	FUNCTION
1	C16 18DB/GY	HEATED MIRROR CONTROL OUTPUT
2	Q411 14OR/WT (QUAD CAB)	LEFT REAR WINDOW DRIVER (UP)
3	Q611 14OR/GY (QUAD CAB)	LEFT REAR WINDOW DRIVER (DOWN)
4	P393 18LG	DOOR LOCK DRIVER LEFT DOORS
5	-	-
6	P1 18TN/LG	DOOR UNLOCK DRIVER LEFT FRONT
7	Z939 12BK	GROUND
8	Q612 14OR/DB (QUAD CAB)	RIGHT REAR WINDOW DRIVER (DOWN)
9	-	-
10	G161 20VT/DG	DRIVER DOOR LOCK SWITCH MUX
11	-	-
12	Q412 14OR/LB (QUAD CAB)	RIGHT REAR WINDOW DRIVER (UP)
13	Q26 12OR/GY	MASTER WINDOW SWITCH RIGHT FRONT (DOWN)
14	Q16 12OR/TN	MASTER WINDOW SWITCH RIGHT FRONT (UP)
15	-	-
16	-	-



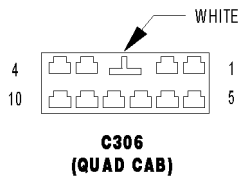
C305 - BLACK (DRIVER DOOR SIDE) 16 WAY

CAV	CIRCUIT	FUNCTION
1	C16 18DB/GY	HEATED MIRROR CONTROL OUTPUT
2	Q411 14OR/WT	LEFT REAR WINDOW DRIVER (UP)
3	Q611 14OR/GY	LEFT REAR WINDOW DRIVER (DOWN)
4	P393 18LG	DOOR LOCK DRIVER LEFT DOORS
5	-	-
6	P1 18TN/LG	DOOR UNLOCK DRIVER LEFT FRONT
7	Z939 12BK	GROUND
8	Q612 14OR/DB	RIGHT REAR WINDOW DRIVER (DOWN)
9	-	-
10	G161 20VT/DG	DRIVER DOOR LOCK SWITCH MUX
11	-	-
12	Q412 14OR/LB	RIGHT REAR WINDOW DRIVER (UP)
13	Q26 12OR/GY	MASTER WINDOW SWITCH RIGHT FRONT (DOWN)
14	Q16 12OR/TN	MASTER WINDOW SWITCH RIGHT FRONT (UP)
15	-	-
16	-	-



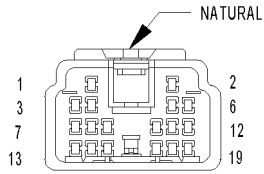
C306 (QUAD CAB) - NATURAL (BODY SIDE) 10 WAY

CAV	CIRCUIT	FUNCTION
1	Z917 20BK	GROUND
2	G77 20VT/OR	LEFT REAR DOOR AJAR SWITCH SENSE
3	P393 18LG (EXCEPT BASE)	DOOR LOCK DRIVER LEFT DOORS
4	P5 18TN/OR (EXCEPT BASE)	DOOR UNLOCK DRIVER LEFT REAR
5	Q15 14OR/LB (EXCEPT BASE)	POWER WINDOW SWITCH FEED
6	Q411 14OR/WT (EXCEPT BASE)	LEFT REAR WINDOW DRIVER (UP)
7	Q611 14OR/GY (EXCEPT BASE)	LEFT REAR WINDOW DRIVER (DOWN)
8	X295 18GY/DG	LEFT REAR SPEAKER (-)
9	X205 18GY/LG	LEFT REAR SPEAKER (+)
10	-	-



C306 (QUAD CAB) - WHITE (REAR DOOR SIDE) 10 WAY

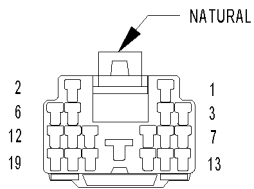
CAV	CIRCUIT	FUNCTION
1	Z79 20LG/BK (EXCEPT SRT)	GROUND
1	Z917 20BK (SRT)	GROUND
2	G77 20VT/GY	LEFT REAR DOOR AJAR SWITCH SENSE
3	P393 18LG (EXCEPT BASE)	DOOR LOCK DRIVER LEFT DOORS
4	P5 18TN/OR (EXCEPT BASE)	DOOR UNLOCK DRIVER LEFT REAR
5	Q15 14OR/LB (EXCEPT BASE)	POWER WINDOW SWITCH FEED
6	Q411 14OR/WT (EXCEPT BASE)	LEFT REAR WINDOW DRIVER (UP)
7	Q611 14OR/GY (EXCEPT BASE)	LEFT REAR WINDOW DRIVER (DOWN)
8	X295 18GY/DG	LEFT REAR SPEAKER (-)
9	X205 18GY/LG	LEFT REAR SPEAKER (+)
10	-	-



**C308**

C308 - NATURAL (BODY SIDE) 19 WAY

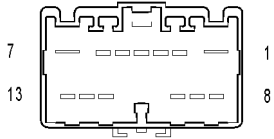
CAV	CIRCUIT	FUNCTION
1	G74 20VT/WT	PASSENGER DOOR AJAR SWITCH SENSE
2	-	-
3	-	-
4	-	-
5	G160 20VT/LG (EXCEPT BASE)	PASSENGER DOOR LOCK SWITCH MUX
6	G76 20VT/YL (QUAD CAB)	RIGHT REAR DOOR AJAR SWITCH SENSE
7	-	-
8	P392 18LG/DB (EXCEPT BASE)	DOOR LOCK DRIVER RIGHT DOORS
9	G778 18VT/LB (EXCEPT BASE)	DOOR UNLOCK DRIVER RIGHT DOORS
10	F21 20PK/DG (EXCEPT BASE)	FUSED IGNITION SWITCH OUTPUT (RUN-START)
11	X156 18GY/LB	RIGHT FRONT DOOR SPEAKER (-)
12	X154 18GY/YL	RIGHT FRONT DOOR SPEAKER (+)
13	-	-
14	X206 18DG/LG	RIGHT REAR SPEAKER (+)
15	X296 18DG/GY	RIGHT REAR SPEAKER (-)
16	F984 18PK/YL (EXCEPT BASE)	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
17	M228 20YL/LB (EXCEPT BASE)	GLOVE BOX LAMP DRIVER
18	-	-
19	-	-



**C308**

C308 - NATURAL (I/P SIDE) 19 WAY

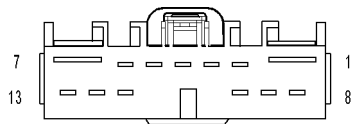
CAV	CIRCUIT	FUNCTION
1	G74 20VT/WT	PASSENGER DOOR AJAR SWITCH SENSE
2	-	-
3	-	-
4	-	-
5	G160 20VT/LG (EXCEPT BASE)	PASSENGER DOOR LOCK SWITCH MUX
6	G76 20VT/YL	RIGHT REAR DOOR AJAR SWITCH SENSE
7	-	-
8	P392 18LG/DB (EXCEPT BASE)	DOOR LOCK DRIVER RIGHT DOORS
9	G778 18VT/LB (EXCEPT BASE)	DOOR UNLOCK DRIVER RIGHT DOORS
10	F21 20PK/DG (EXCEPT BASE)	FUSED IGNITION SWITCH OUTPUT (RUN-START)
11	X156 18GY/LB	RIGHT FRONT DOOR SPEAKER (-)
12	X154 18GY/YL	RIGHT FRONT DOOR SPEAKER (+)
13	-	-
14	X206 18DG/LG	RIGHT REAR SPEAKER (+)
15	X296 18DG/GY	RIGHT REAR SPEAKER (-)
16	F984 18PK/YL (EXCEPT BASE)	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
17	M228 20YL/LB (EXCEPT BASE)	GLOVE BOX LAMP DRIVER
18	-	-
19	-	-



**C311**

C311 - (DRIVER SEAT SIDE) 13 WAY

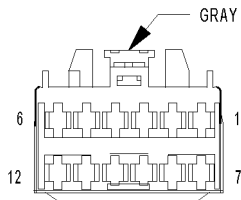
CAV	CIRCUIT	FUNCTION
1	Z939 12BK	GROUND
2	-	-
3	P95 16LG/WT	PASSENGER SEAT HEATER SUPPLY
4	R57 20LG/GY	DRIVER SEAT BELT SWITCH SENSE
4	G10 20VT/LG	SEAT BELT SWITCH SENSE
5	A405 16RD/DB	FUSED B(+)
6	-	-
7	A210 12OR/RD	FUSED B(+)
8	F984 16PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
9	R261 20LB/TN	DRIVER SEAT POSITION SENSOR DATA
10	R263 20LB/GY	DRIVER SEAT POSITION SENSOR VOLTAGE
11	Z951 18BK	GROUND
11	Z917 20BK	GROUND
12	M228 18YL/LB	GLOVE BOX LAMP DRIVER
13	P693 16RD/DB	DRIVER SEAT HEATER SUPPLY



**C311**

C311 - LT GRAY (BODY SIDE) 13 WAY

CAV	CIRCUIT	FUNCTION
1	Z939 12BK	GROUND
2	-	-
3	P95 18LG/WT	PASSENGER SEAT HEATER SUPPLY
4	R57 20LG/GY	DRIVER SEAT BELT SWITCH SENSE
5	A405 18RD/DB	FUSED B(+)
6	-	-
7	A210 12OR/RD (EXCEPT BASE)	FUSED B(+)
8	F984 18PK/YL (QUAD CAB/EXCEPT BASE)	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
9	R261 20LB/WT (EXCEPT MEGA CAB SIDE AIRBAG)	DRIVER SEAT POSITION SENSOR DATA
10	R263 20LB/VT (EXCEPT MEGA CAB SIDE AIRBAG)	DRIVER SEAT POSITION SENSOR VOLTAGE
11	Z917D 20BK	GROUND
12	M228 20YL/LB (EXCEPT BASE)	GLOVE BOX LAMP DRIVER
13	P693 18LG/WT (SLT+/SRT)	DRIVER SEAT HEATER SUPPLY

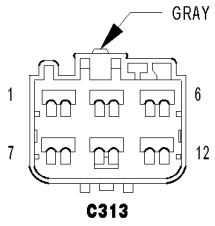


**C313**

C313 - GRAY (DRIVER SEAT SWITCH SIDE) 12 WAY

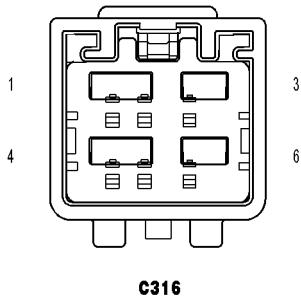
CAV	CIRCUIT	FUNCTION
1	-	-
2	P13 12LG/OR	DRIVER SEAT REAR DOWN DRIVER
3	P21 12LG/TN	DRIVER SEAT FRONT DOWN DRIVER
4	P15 12LG/WT	DRIVER SEAT HORIZONTAL FORWARD DRIVER
5	-	-
6	P11 12LG/YL	DRIVER SEAT REAR UP DRIVER
7	A210 12OR/RD	FUSED B(+)
8	Z939 14BK	GROUND
9	P17 12LG/DG	DRIVER SEAT HORIZONTAL REARWARD DRIVER
10	P19 12LG/LB	DRIVER SEAT FRONT UP DRIVER
11	-	-
12	-	-





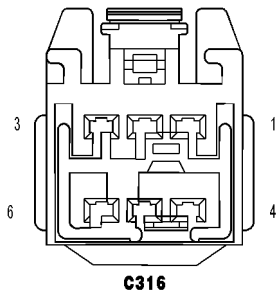
C313 - (DRIVER SEAT SIDE) 12 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	P13 12LG/OR	DRIVER SEAT REAR DOWN DRIVER
3	P21 12LG/TN	DRIVER SEAT FRONT DOWN DRIVER
4	P15 12LG/BR	DRIVER SEAT HORIZONTAL FORWARD DRIVER
5	-	-
6	P11 12LG/YL	DRIVER SEAT REAR UP DRIVER
7	A210 12OR/RD	FUSED B(+)
8	Z939 14BK	GROUND
9	P17 12LG/DG	DRIVER SEAT HORIZONTAL REARWARD DRIVER
10	P19 12LG/LB	DRIVER SEAT FRONT UP DRIVER
11	-	-
12	-	-



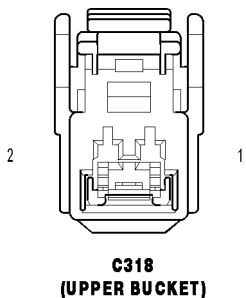
C316 - (DRIVER SEAT SIDE) 6 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	A210 12OR/RD	FUSED B(+)
4	Z939 14BK	GROUND
5	P95 16LG/WT	PASSENGER SEAT HEATER SUPPLY
6	-	-



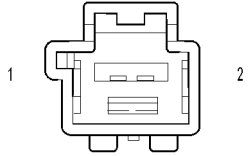
C316 - (PASSENGER SEAT SIDE) 6 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	A210 12OR/RD (POWER SEAT)	FUSED B(+)
4	Z939 18BK (HEATED SEATS)	GROUND
4	Z939 14BK (POWER/HEATED SEATS)	GROUND
5	P95 16LG/WT (HEATED SEATS)	PASSENGER SEAT HEATER SUPPLY
6	-	-



C318 (UPPER BUCKET) - (CENTER CONSOLE SIDE) 2 WAY

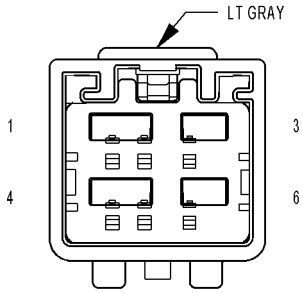
CAV	CIRCUIT	FUNCTION
1	A405 18RD/DB	FUSED B(+)
2	Z939 18BK	GROUND



**C318**

C318 - (CENTER CONSOLE JUMPER) 2 WAY

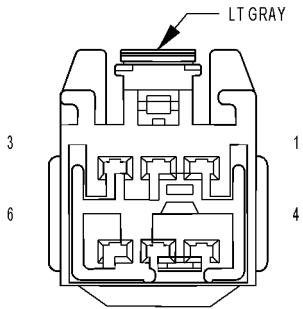
CAV	CIRCUIT	FUNCTION
1	A405 18RD/DB	FUSED B(+)
2	Z939 18BK	GROUND



**C319  
(LOWER BUCKET/  
BENCH)**

C319 (LOWER BUCKET/BENCH) - LT GRAY (CENTER CONSOLE SIDE) 6 WAY

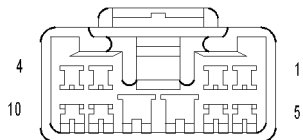
CAV	CIRCUIT	FUNCTION
1	A405 18BR (BENCH)	FUSED B(+)
1	A405 16RD/DB (LOWER BUCKET)	FUSED B(+)
2	Z939 18BK	GROUND
3	F984 18PK/YL (LOWER BUCKET)	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
4	-	-
5	M228 18YL/DB (LOWER BUCKET)	GLOVE BOX LAMP DRIVER
6	-	-



**C319**

C319 - LT GRAY (SEAT JUMPER SIDE) 6 WAY

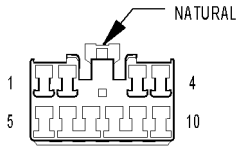
CAV	CIRCUIT	FUNCTION
1	A405 16RD/DB	FUSED B(+)
2	Z939 14BK	GROUND
3	F984 16PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
4	-	-
5	M228 18YL/LB	GLOVE BOX LAMP DRIVER
6	-	-



**C320  
(QUAD CAB)**

C320 (QUAD CAB) - (RIGHT REAR DOOR SIDE) 10 WAY

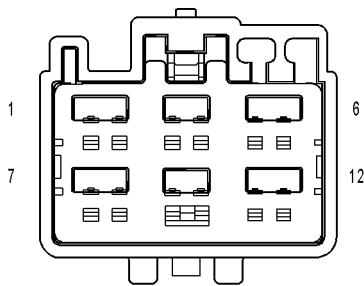
CAV	CIRCUIT	FUNCTION
1	Z72 20LG/BK	GROUND
2	G76 20VT/GY	RIGHT REAR DOOR AJAR SWITCH SENSE
3	P392 18LG (EXCEPT BASE)	DOOR LOCK DRIVER RIGHT DOORS
4	G778 18TN/OR (EXCEPT BASE)	DOOR UNLOCK DRIVER RIGHT DOORS
5	Q15 14TN/LG (EXCEPT BASE)	POWER WINDOW SWITCH FEED
6	Q412 14OR/WT (EXCEPT BASE)	RIGHT REAR WINDOW DRIVER (UP)
7	Q612 14OR/GY (EXCEPT BASE)	RIGHT REAR WINDOW DRIVER (DOWN)
8	X296 18GY/DG	RIGHT REAR SPEAKER (-)
9	X206 18GY/LG	RIGHT REAR SPEAKER (+)
10	-	-



**C320  
(QUAD CAB)**

C320 (QUAD CAB) - NATURAL (BODY SIDE) 10 WAY

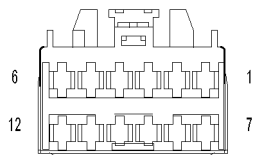
CAV	CIRCUIT	FUNCTION
1	Z917 20BK	GROUND
2	G76 20TN/YL (QUAD CAB)	RIGHT REAR DOOR AJAR SWITCH SENSE
3	P392 18LG/DB (EXCEPT BASE)	DOOR LOCK DRIVER RIGHT DOORS
4	G778 18VT/LB (EXCEPT BASE)	DOOR UNLOCK DRIVER RIGHT DOORS
5	Q15 14OR/LB (EXCEPT BASE)	POWER WINDOW SWITCH FEED
6	Q412 14OR/LB (EXCEPT BASE)	RIGHT REAR WINDOW DRIVER (UP)
7	Q612 14OR/DB (EXCEPT BASE)	RIGHT REAR WINDOW DRIVER (DOWN)
8	X296 18DG/GY	RIGHT REAR SPEAKER (-)
9	X206 18DG/LG	RIGHT REAR SPEAKER (+)
10	-	-



**C323  
(HEATED SEATS)**

C323 (HEATED SEATS) - (PASSENGER SEAT SIDE) 12 WAY

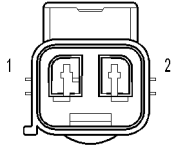
CAV	CIRCUIT	FUNCTION
1	-	-
2	P12 12LG/YL	PASSENGER SEAT LUMBAR MOTOR FORWARD DRIVER
3	P20 12LG/LB	PASSENGER SEAT FRONT UP DRIVER
4	P14 12LG/OR	PASSENGER SEAT HORIZONTAL FORWARD DRIVER
5	-	-
6	P10 12LG/TN	PASSENGER SEAT REAR DOWN DRIVER
7	A210 12OR/RD	FUSED B(+)
8	Z939 14BK	GROUND
9	P16 12LG/BR	PASSENGER SEAT HORIZONTAL REARWARD DRIVER
10	P18 12LG/DG	PASSENGER SEAT FRONT DOWN DRIVER
11	-	-
12	-	-



**C323  
(HEATED SEATS)**

C323 (HEATED SEATS) - (SEAT JUMPER SIDE) 12 WAY

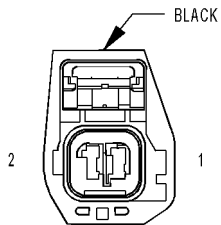
CAV	CIRCUIT	FUNCTION
1	-	-
2	P12 12LG/YL	PASSENGER SEAT LUMBAR MOTOR FORWARD DRIVER
3	P20 12LG/LB	PASSENGER SEAT FRONT UP DRIVER
4	P14 12LG/OR	PASSENGER SEAT HORIZONTAL FORWARD DRIVER
5	-	-
6	P10 12LG/TN	PASSENGER SEAT REAR DOWN DRIVER
7	A210 12OR/RD	FUSED B(+)
8	Z939 14BK	GROUND
9	P16 12LG/BR	PASSENGER SEAT HORIZONTAL REARWARD DRIVER
10	P18 12LG/DG	PASSENGER SEAT FRONT DOWN DRIVER
11	-	-
12	-	-



**C327  
(DUAL REAR WHEELS)**

C327 (DUAL REAR WHEELS) - (DRW LAMP SIDE) 2 WAY

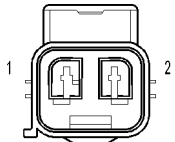
CAV	CIRCUIT	FUNCTION
1	L7 18WT/YL	FUSED PARK LAMP FEED
2	Z947 18BK	GROUND



**C327  
(DUAL REAR WHEELS)**

C327 (DUAL REAR WHEELS) - BLACK (CHASSIS SIDE) 2 WAY

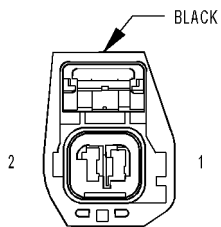
CAV	CIRCUIT	FUNCTION
1	L7 18WT/YL	FUSED PARK LAMP FEED
2	Z363 20BK/DG	GROUND



**C328  
(DUAL REAR WHEELS)**

C328 (DUAL REAR WHEELS) - (DRW LAMP SIDE) 2 WAY

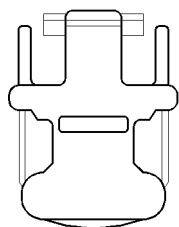
CAV	CIRCUIT	FUNCTION
1	L70 18WT/YL	FUSED PARK LAMP FEED
2	Z948 18BK	GROUND



**C328  
(DUAL REAR WHEELS)**

C328 (DUAL REAR WHEELS) - BLACK (CHASSIS SIDE) 2 WAY

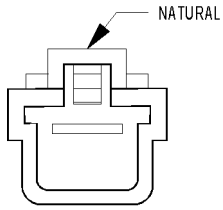
CAV	CIRCUIT	FUNCTION
1	L70 18WT/GY	FUSED PARK LAMP FEED
2	Z363 20BK/DG	GROUND



**C337**

C337 - (ELECTRIC BACKLIGHT SIDE) 1 WAY

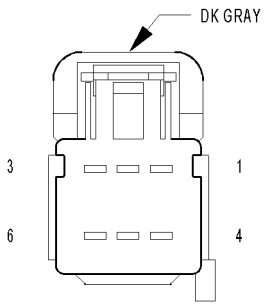
CAV	CIRCUIT	FUNCTION
1	C15 16DB/WT	REAR WINDOW DEFOGGER CONTROL OUTPUT



**C337**

C337 - NATURAL (BODY SIDE) 1 WAY

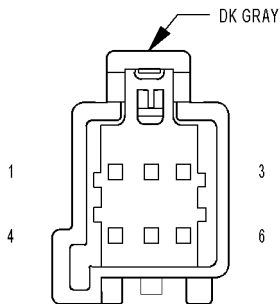
CAV	CIRCUIT	FUNCTION
1	C15 14BK	REAR WINDOW DEFOGGER CONTROL OUTPUT



**C339**

C339 - DK GRAY (BODY SIDE) 6 WAY

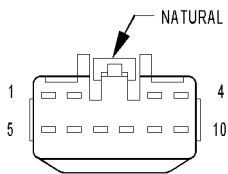
CAV	CIRCUIT	FUNCTION
1	R263 20LB/GY	DRIVER SEAT POSITION SENSOR VOLTAGE
2	A956 20RD	FUSED B(+)
3	R261 20LB/TN	DRIVER SEAT POSITION SENSOR DATA
4	D54 20WT	CAN B BUS (-)
5	D55 20WT/OR	CAN B BUS (+)
6	Z105 18BK	-



**C339**

C339 - DK GRAY (PASSENGER SEAT SIDE) 6 WAY

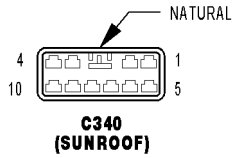
CAV	CIRCUIT	FUNCTION
1	R263 20LB/VT	DRIVER SEAT POSITION SENSOR VOLTAGE
2	-	-
3	R261 20LB/WT	DRIVER SEAT POSITION SENSOR DATA
4	-	-
5	-	-
6	-	-



**C340  
(SUNROOF)**

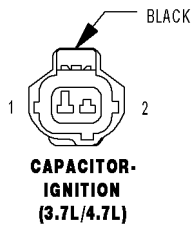
C340 (SUNROOF) - NATURAL (HEADLINER SIDE) 10 WAY

CAV	CIRCUIT	FUNCTION
1	Q6 200R/LG	SUNROOF SWITCH SUPPLY
2	-	-
3	A310 14RD/LB	FUSED B(+)
4	Q5 200R/LB	SUNROOF CLOSE SWITCH SENSE
5	Z964 14BK	GROUND
6	D55 20WT/OR	CAN B BUS (+)
7	D54 20WT	CAN B BUS (-)
8	Q3 20WT/OR	SUNROOF OPEN SWITCH SENSE
9	Q4 200R/YL	SUNROOF VENT SWITCH SENSE
10	-	-



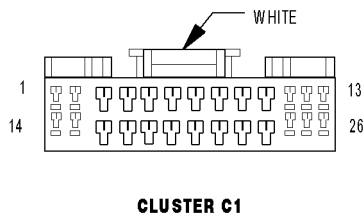
C340 (SUNROOF) - NATURAL (SUNROOF JUMPER SIDE) 10 WAY

CAV	CIRCUIT	FUNCTION
1	Q6 200R/LG	SUNROOF SWITCH SUPPLY
2	-	-
3	A310 14RD/LB	FUSED B(+)
4	Q5 200R/LB	SUNROOF CLOSE SWITCH SENSE
5	Z964 14BK	GROUND
6	D55 20WT/OR	CAN B BUS (+)
7	D54 20WT	CAN B BUS (-)
8	Q3 200R/TN	SUNROOF OPEN SWITCH SENSE
9	Q4 200R/YL	SUNROOF VENT SWITCH SENSE
10	-	-



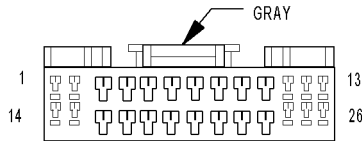
CAPACITOR-IGNITION (3.7L/4.7L) - BLACK (ENGINE) 2 WAY

CAV	CIRCUIT	FUNCTION
1	K342 16BR/WT	ASD CONTROL OUTPUT
2	-	-



CLUSTER C1 - WHITE (INSTRUMENT PANEL) 26 WAY

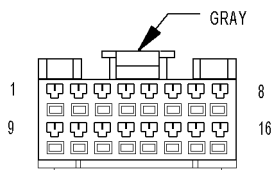
CAV	CIRCUIT	FUNCTION
1	P1 18TN/LG (EXCEPT BASE)	DOOR UNLOCK DRIVER LEFT FRONT
2	A941 18RD	FUSED B(+)
3	K32 18DB/YL	BTSI SOLENOID CONTROL
4	-	-
5	G95 20VT/BR	NEUTRAL INDICATOR
6	-	-
7	E16 200R/GY	PANEL LAMPS DRIVER
8	-	-
9	E19 200R/BR	HEADLAMP SWITCH DIMMER SIGNAL
10	P393 18LG (EXCEPT BASE)	DOOR LOCK DRIVER LEFT DOORS
11	P392 18LG/DB (EXCEPT BASE)	DOOR LOCK DRIVER RIGHT DOORS
12	-	-
13	Z921 18BK	GROUND
14	Z108 20BK/LG	GROUND
15	M288 20YL/GY	READING LAMPS DRIVER
16	-	-
17	M228 20YL/LB (EXCEPT BASE)	GLOVE BOX LAMP DRIVER
18	L14 20WT/BR	CARGO LAMP DRIVER
19	P301 20LG/OR (ADJUSTABLE PEDALS)	PANEL LAMPS DRIVER
20	E11 200R/DB	PANEL LAMPS DRIVER
21	M20 20YL/LB	COURTESY LAMPS DRIVER
22	-	-
23	P5 18TN/OR (EXCEPT BASE)	DOOR UNLOCK DRIVER LEFT REAR
24	G778 18VT/LB (EXCEPT BASE)	DOOR UNLOCK DRIVER RIGHT DOORS
25	A944 20RD	FUSED B(+)
26	A944 20RD	FUSED B(+)



**CLUSTER C3**

CLUSTER C3 - GRAY (INSTRUMENT PANEL) 26 WAY

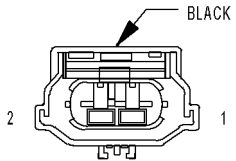
CAV	CIRCUIT	FUNCTION
1	G75 20VT	DRIVER DOOR AJAR SWITCH SENSE
2	G77 20VT/GY	LEFT REAR DOOR AJAR SWITCH SENSE
3	G76 20VT/YL	RIGHT REAR DOOR AJAR SWITCH SENSE
4	G74 20VT/WT	PASSENGER DOOR AJAR SWITCH SENSE
5	-	-
6	L914 20WT/LG	CARGO LAMP SWITCH SIGNAL
7	Z210 20BK	GROUND
8	L900 20WT/YL	WIPER/TURN/BEAM SELECT SWITCH RETURN
9	L115 20WT/YL	HEADLAMP SWITCH RETURN
10	T917 20YL/TN	TRANS RANGE SENSOR ELECTRONIC CLUSTER MUX
10	G94 20VT/DB (ESP)	SENSOR GROUND
11	-	-
12	K977 20BR/WT (4WD)	MODE SELECT
13	Z18 20BK/LB	GROUND
14	X3 20DG/VT	HORN SWITCH SENSE
15	-	-
16	-	-
17	D55 20WT/OR	CAN B BUS (+)
18	D54 20WT	CAN B BUS (-)
19	-	-
20	R57 20LG/GY	DRIVER SEAT BELT SWITCH SENSE
21	-	-
22	B25 20DG/WT	PARK BRAKE SWITCH SENSE
23	-	-
24	F1 20PK/WT	FUSED IGNITION SWITCH OUTPUT (OFF-RUN-START)
25	-	-
26	A114 18GY/RD	FUSED B(+)



**CLUSTER C4**

CLUSTER C4 - GRAY (INSTRUMENT PANEL) 16 WAY

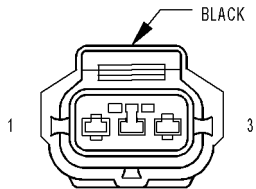
CAV	CIRCUIT	FUNCTION
1	G194 20VT/LG	WASH/BEAM SELECT SWITCH SIGNAL
2	G160 20VT/LG (EXCEPT BASE)	PASSENGER DOOR LOCK SWITCH MUX
3	G161 20VT/DG (EXCEPT BASE)	DRIVER DOOR LOCK SWITCH MUX
4	E2 20OR/BR	PANEL LAMPS DIMMER SIGNAL
5	L116 20WT/LG	HEADLAMP/FOG LAMP SWITCH SIGNAL
6	-	-
7	N4 20DB/WT	FUEL LEVEL SENSOR SIGNAL
8	L12 20WT/OR	TURN LAMPS SWITCH SIGNAL
9	-	-
10	W52 20BR/YL	INTERMITTENT WIPER SWITCH SIGNAL
11	T117 20DG/YL	TRANS RANGE SENSOR ELECTRONIC CLUSTER 5 VOLT SUPPLY
11	B46 20DG/WT (ESP)	ESP ON/OFF SENSE
12	X20 20GY/WT (REMOTE RADIO)	RADIO CONTROL MUX
13	-	-
14	K77 20BR/WT	TRANSFER CASE POSITION SENSOR INPUT
15	-	-
16	-	-



**CLUTCH-A/C  
COMPRESSOR**

CLUTCH-A/C COMPRESSOR - BLACK (ENGINE) 2 WAY

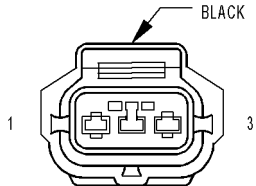
CAV	CIRCUIT	FUNCTION
1	C3 20DB/YL	A/C CLUTCH CONTROL OUTPUT
2	Z153 20BK/GY	GROUND



**COIL-  
IGNITION-NO. 1  
(NGC)**

COIL-IGNITION-NO. 1 (NGC) - BLACK (ENGINE) 3 WAY

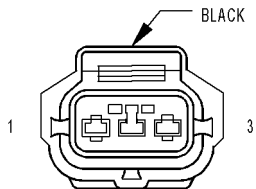
CAV	CIRCUIT	FUNCTION
1	K19 18DB/DG	COIL CONTROL NO. 1
2	K342 16BR/WT	ASD CONTROL OUTPUT
3	-	-



**COIL-  
IGNITION-NO. 2  
(NGC)**

COIL-IGNITION-NO. 2 (NGC) - BLACK (ENGINE) 3 WAY

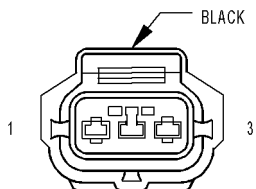
CAV	CIRCUIT	FUNCTION
1	K17 18DB/TN	COIL CONTROL NO. 2
2	K342 16BR/WT	ASD CONTROL OUTPUT
3	-	-



**COIL-  
IGNITION-NO. 3  
(NGC)**

COIL-IGNITION-NO. 3 (NGC) - BLACK (ENGINE) 3 WAY

CAV	CIRCUIT	FUNCTION
1	K18 18DB/OR	COIL CONTROL NO. 3
2	K342 16BR/WT	ASD CONTROL OUTPUT
3	-	-

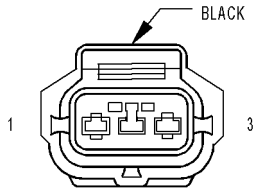


**COIL-  
IGNITION-NO. 4  
(NGC)**

COIL-IGNITION-NO. 4 (NGC) - BLACK (ENGINE) 3 WAY

CAV	CIRCUIT	FUNCTION
1	K15 18DB/GY	COIL CONTROL NO. 4
2	K342 16BR/WT	ASD CONTROL OUTPUT
3	-	-

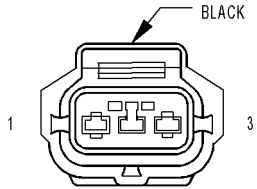




**COIL-IGNITION-NO. 5 (NGC)**

COIL-IGNITION-NO. 5 (NGC) - BLACK (ENGINE) 3 WAY

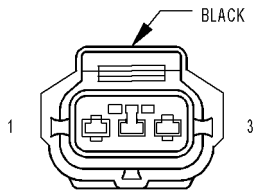
CAV	CIRCUIT	FUNCTION
1	K16 18DB/YL	COIL CONTROL NO. 5
2	K342 16BR/WT	ASD CONTROL OUTPUT
3	-	-



**COIL-IGNITION-NO. 6 (NGC)**

COIL-IGNITION-NO. 6 (NGC) - BLACK (ENGINE) 3 WAY

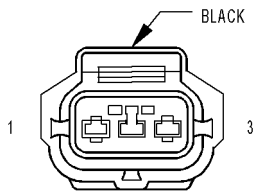
CAV	CIRCUIT	FUNCTION
1	K10 18DB/OR	COIL CONTROL NO. 6
2	K342 16BR/WT	ASD CONTROL OUTPUT
3	-	-



**COIL-IGNITION-NO. 7 (4.7L/5.7L)**

COIL-IGNITION-NO. 7 (4.7L/5.7L) - BLACK (ENGINE) 3 WAY

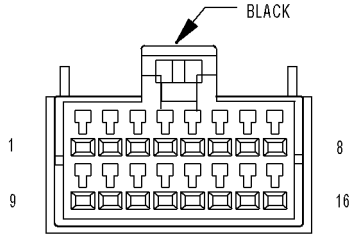
CAV	CIRCUIT	FUNCTION
1	K97 18DB/YL (4.7L)	COIL CONTROL NO. 7
1	K97 18BR (5.7L)	COIL CONTROL NO. 7
2	K342 16BR/WT	ASD CONTROL OUTPUT



**COIL-IGNITION-NO. 8 (4.7L/5.7L)**

COIL-IGNITION-NO. 8 (4.7L/5.7L) - BLACK (ENGINE) 3 WAY

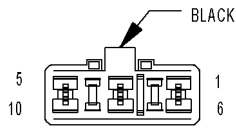
CAV	CIRCUIT	FUNCTION
1	K98 18DB/YL	COIL CONTROL NO. 8
2	K342 16BR/WT	ASD CONTROL OUTPUT
3	-	-



**CONTROL-A/C-HEATER C1**

CONTROL-A/C-HEATER C1 - BLACK (INSTRUMENT PANEL) 16 WAY

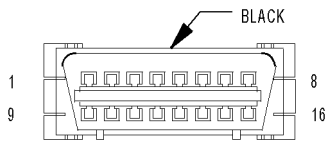
CAV	CIRCUIT	FUNCTION
1	F921 20PK/LB	FUSED IGNITION SWITCH OUTPUT (RUN)
2	Z24 20BK/OR	GROUND
3	A919 20RD (EXCEPT BASE)	FUSED B(+)
4	-	-
5	-	-
6	C21 20DB/LG	EVAPORATOR TEMPERATURE SENSOR SIGNAL
7	C121 20DB/DG	SENSOR GROUND
8	E16 20OR/GY	PANEL LAMPS DRIVER
9	C61 20DB/LG	BLEND DOOR DRIVER
10	C29 20DB	MODE DOOR 2 DRIVER
11	C32 20DB/TN	RECIRCULATION DOOR DRIVER
12	C801 20DB/OR	MODE DOOR 1 DRIVER
13	C34 20DB/LB	COMMON DOOR DRIVER
14	C33 20LB/BR (EXCEPT BASE)	PASSENGER BLEND DOOR DRIVER
15	D54 20WT	CAN B BUS (-)
16	D55 20WT/OR	CAN B BUS (+)



**CONTROL-A/C-HEATER C2**

CONTROL-A/C-HEATER C2 - BLACK (INSTRUMENT PANEL) 10 WAY

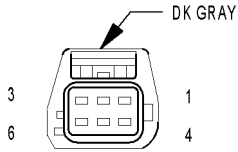
CAV	CIRCUIT	FUNCTION
1	-	-
2	C71 16DB/BR	BLOWER MOTOR LOW DRIVER
3	C73 14DB/VT	BLOWER MOTOR M2 DRIVER
4	-	-
5	Z134 10BK/LG	GROUND
6	-	-
7	C72 16DB/OR	BLOWER MOTOR M1 DRIVER
8	-	-
9	-	-
10	C70 10DB/YL	BLOWER MOTOR HIGH DRIVER



**DATA LINK CONNECTOR**

DATA LINK CONNECTOR - BLACK (INSTRUMENT PANEL) 16 WAY

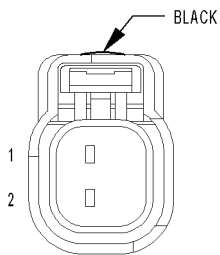
CAV	CIRCUIT	FUNCTION
1	D65 20WT/LG	CAN C BUS (+)
2	-	-
3	D55 20WT/OR	CAN B BUS (+)
4	Z11 18BK/LG	GROUND
5	Z111 18BK/WT	GROUND
6	D52 20WT/LB	DIAGNOSTIC CAN C (+)
7	D21 18WT/BR (DIESEL)	SCI TRANSMIT (ECM)
7	D21 18WT/BR (GAS)	SCI TRANSMIT (PCM)
8	-	-
9	D16 18WT/OR	SCI RECEIVE (TCM)
10	-	-
11	D54 20WT	CAN B BUS (-)
12	D20 20WT/LG (DIESEL)	SCI RECEIVE (ECM)
12	D20 20WT/LG (GAS)	SCI RECEIVE (PCM)
13	D64 20WT/LB	CAN C BUS (-)
14	D51 20WT/BR	DIAGNOSTIC CAN C (-)
15	D15 18WT/DG	SCI TRANSMIT (TCM)
16	A114 18GY/RD	FUSED B(+)



**DRIVE-FAN-RADIATOR (DIESEL)**

DRIVE-FAN-RADIATOR (DIESEL) - DK GRAY (ENGINE) 6 WAY

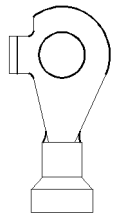
CAV	CIRCUIT	FUNCTION
1	K160 18BR/OR (5.9L)	PWM FAN COIL SIGNAL
1	K971 18BR/PK (6.7L)	SENSOR GROUND
2	N210 18DB/DG (5.9L)	FAN SPEED SENSOR SIGNAL
2	K916 18BR/OR (6.7L)	SENSOR GROUND
3	K161 18BR/LB (5.9L)	FAN SPEED SENSOR GROUND
3	N27 18DB/GY (6.7L)	FAN SPEED SENSOR SIGNAL
4	-	-
5	K668 18BR (5.9L)	5 VOLT SUPPLY
5	F855 18PK/YL (6.7L)	5 VOLT SUPPLY
6	A212 18PK/YL (5.9L)	FUSED B(+)
6	K161 18BR/LB (6.7L)	FAN SPEED SENSOR GROUND



**GENERATOR**

GENERATOR - BLACK (ENGINE) 2 WAY

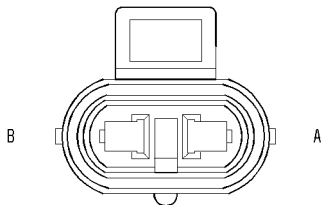
CAV	CIRCUIT	FUNCTION
1	Z816 18BK (5.9L)	GROUND
1	K20 18BR/GY (6.7L/GAS)	GEN FIELD CONTROL
2	K20 19BR/GY (5.9L)	GEN FIELD CONTROL
2	A904 18RD (6.7L)	GEN SENSE
2	A804 18RD/GY (GAS)	GEN SENSE



**GENERATOR-EYELET**

GENERATOR-EYELET - (BATTERY) 1 WAY

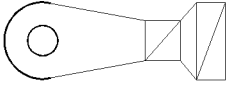
CAV	CIRCUIT	FUNCTION
1	A11 4BR/RD	B(+)



**HEATER-FUEL (DIESEL)**

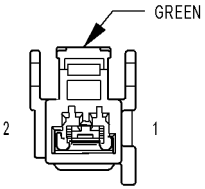
HEATER-FUEL (DIESEL) - (ENGINE) 2 WAY

CAV	CIRCUIT	FUNCTION
A	Z902 14BK (5.9L)	GROUND
A	Z816 14BK (6.7L)	GROUND
B	A961 14RD	FUEL HEATER CONTROL OUTPUT



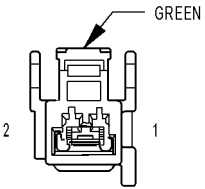
**HEATER-INTAKE AIR (DIESEL)**

HEATER-INTAKE AIR (DIESEL) - (ENGINE) 1 WAY		
CAV	CIRCUIT	FUNCTION
1	A58 4BK	INTAKE AIR HEATER RELAY OUTPUT



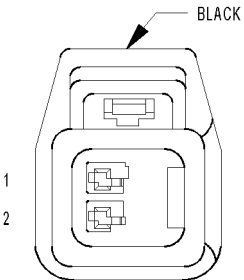
**HEATER-SEAT CUSHION-DRIVER**

HEATER-SEAT CUSHION-DRIVER - GREEN (SEAT) 2 WAY		
CAV	CIRCUIT	FUNCTION
1	P693 18RD/DB	DRIVER SEAT HEATER SUPPLY
2	Z939 18BK	GROUND



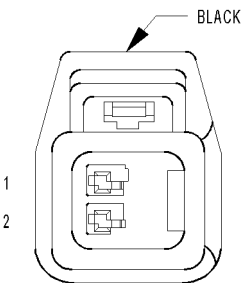
**HEATER-SEAT CUSHION-PASSENGER**

HEATER-SEAT CUSHION-PASSENGER - GREEN (SEAT) 2 WAY		
CAV	CIRCUIT	FUNCTION
1	P95 16LG/WT	PASSENGER SEAT HEATER SUPPLY
2	Z939 18BK	GROUND



**HORN-NO. 1**

HORN-NO. 1 - BLACK (HEADLAMP AND DASH) 2 WAY		
CAV	CIRCUIT	FUNCTION
1	X22 18GY/LB	HORN CONTROL OUTPUT
2	Z298 20BK/DB	GROUND

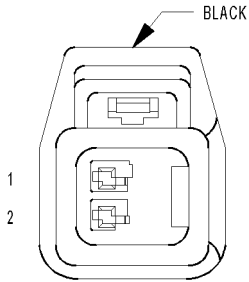


**HORN-NO. 2**

HORN-NO. 2 - (HEADLAMP AND DASH) 2 WAY		
CAV	CIRCUIT	FUNCTION
1	X21 18GY/YL	HORN CONTROL OUTPUT
2	Z299 20BK/OR	GROUND



**INJECTOR-FUEL-NO. 1 (DIESEL)**



**INJECTOR-FUEL-NO. 1 (NGC)**

INJECTOR-FUEL-NO. 1 (DIESEL) - (ENGINE) 2 WAY

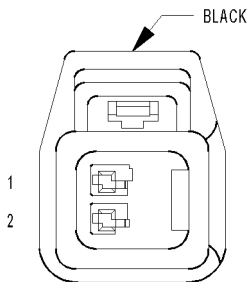
CAV	CIRCUIT	FUNCTION
1	K227 14BK (5.9L)	INJECTOR HIGH SIDE DRIVER-BANK 1
1	K611 14BK (6.7L)	INJECTOR HIGH SIDE DRIVER NO. 1
2	K11 14BK	INJECTOR CONTROL NO. 1

INJECTOR-FUEL-NO. 1 (NGC) - BLACK (ENGINE) 2 WAY

CAV	CIRCUIT	FUNCTION
1	K11 18BR/YL	INJECTOR CONTROL NO. 1
2	K342 16BR/WT	ASD CONTROL OUTPUT



**INJECTOR-FUEL-NO. 2 (DIESEL)**



**INJECTOR-FUEL-NO. 2 (NGC)**

INJECTOR-FUEL-NO. 2 (DIESEL) - (ENGINE) 2 WAY

CAV	CIRCUIT	FUNCTION
1	K227 14BK (5.9L)	INJECTOR HIGH SIDE DRIVER-BANK 1
1	K612 14BK (6.7L)	INJECTOR HIGH SIDE DRIVER NO. 2
2	K12 14BK	INJECTOR CONTROL NO. 2

INJECTOR-FUEL-NO. 2 (NGC) - BLACK (ENGINE) 2 WAY

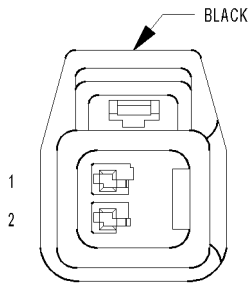
CAV	CIRCUIT	FUNCTION
1	K12 18BR/DB	INJECTOR CONTROL NO. 2
2	K342 16BR/WT	ASD CONTROL OUTPUT



**INJECTOR-FUEL-NO. 3 (DIESEL)**

INJECTOR-FUEL-NO. 3 (DIESEL) - (ENGINE) 2 WAY

CAV	CIRCUIT	FUNCTION
1	K227 14BK (5.9L)	INJECTOR HIGH SIDE DRIVER-BANK 1
1	K613 14BK (6.7L)	INJECTOR HIGH SIDE DRIVER NO. 3
2	K13 14BK	INJECTOR CONTROL NO. 3



**INJECTOR-FUEL-NO. 3 (NGC)**

INJECTOR-FUEL-NO. 3 (NGC) - BLACK (ENGINE) 2 WAY

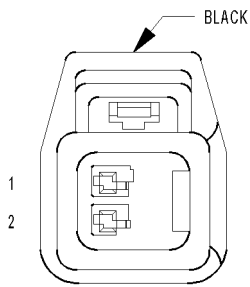
CAV	CIRCUIT	FUNCTION
1	K13 18BR/LB	INJECTOR CONTROL NO. 3
2	K342 16BR/WT	ASD CONTROL OUTPUT



**INJECTOR-FUEL-NO. 4 (DIESEL)**

INJECTOR-FUEL-NO. 4 (DIESEL) - (ENGINE) 2 WAY

CAV	CIRCUIT	FUNCTION
1	K229 14BK (5.9L)	INJECTOR HIGH SIDE DRIVER-BANK 2
1	K614 14BK (6.7L)	INJECTOR HIGH SIDE DRIVER NO. 4
2	K14 14BK	INJECTOR CONTROL NO. 4



**INJECTOR-FUEL-NO. 4 (NGC)**

INJECTOR-FUEL-NO. 4 (NGC) - BLACK (ENGINE) 2 WAY

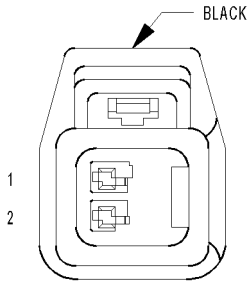
CAV	CIRCUIT	FUNCTION
1	K14 18BR/TN	INJECTOR CONTROL NO. 4
2	K342 16BR/WT	ASD CONTROL OUTPUT



**INJECTOR-FUEL-NO. 5 (DIESEL)**

INJECTOR-FUEL-NO. 5 (DIESEL) - (ENGINE) 2 WAY

CAV	CIRCUIT	FUNCTION
1	K229 14BK (5.9L)	INJECTOR HIGH SIDE DRIVER-BANK 2
1	K638 14BK (6.7L)	INJECTOR HIGH SIDE DRIVER NO. 5
2	K38 14BK	INJECTOR CONTROL NO. 5



**INJECTOR-FUEL-NO. 5 (NGC)**

INJECTOR-FUEL-NO. 5 (NGC) - BLACK (ENGINE) 2 WAY

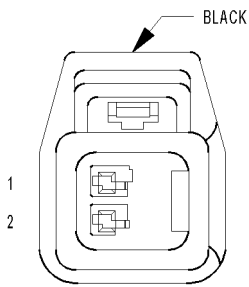
CAV	CIRCUIT	FUNCTION
1	K38 18BR/OR	INJECTOR CONTROL NO. 5
2	K342 16BR/WT	ASD CONTROL OUTPUT



**INJECTOR-FUEL-NO. 6 (DIESEL)**

INJECTOR-FUEL-NO. 6 (DIESEL) - (ENGINE) 2 WAY

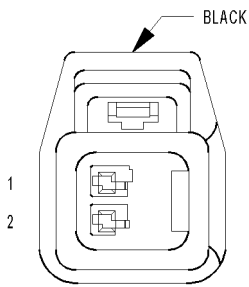
CAV	CIRCUIT	FUNCTION
1	K229 14BK (5.9L)	INJECTOR HIGH SIDE DRIVER-BANK 2
1	K658 14BK (6.7L)	INJECTOR HIGH SIDE DRIVER NO. 6
2	K58 14BK	INJECTOR CONTROL NO. 6



**INJECTOR-FUEL-NO. 6 (NGC)**

INJECTOR-FUEL-NO. 6 (NGC) - BLACK (ENGINE) 2 WAY

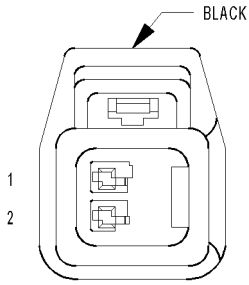
CAV	CIRCUIT	FUNCTION
1	K58 18BR/VT	INJECTOR CONTROL NO. 6
2	K342 16BR/WT	ASD CONTROL OUTPUT



**INJECTOR-FUEL-NO. 7 (NGC)**

INJECTOR-FUEL-NO. 7 (NGC) - BLACK (ENGINE) 2 WAY

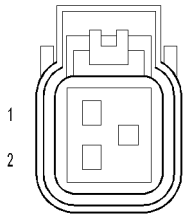
CAV	CIRCUIT	FUNCTION
1	K26 18BR/YL	INJECTOR CONTROL NO. 7
2	K342 16BR/WT	ASD CONTROL OUTPUT



**INJECTOR-FUEL-NO. 8 (NGC)**

INJECTOR-FUEL-NO. 8 (NGC) - BLACK (ENGINE) 2 WAY

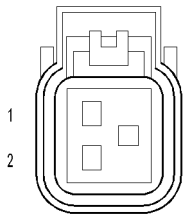
CAV	CIRCUIT	FUNCTION
1	K28 18BR/LB	INJECTOR CONTROL NO. 8
2	K342 16BR/WT	ASD CONTROL OUTPUT



**LAMP-BACK UP-LEFT (BOX ON)**

LAMP-BACKUP-LEFT (BOX ON) - (CHASSIS) 2 WAY

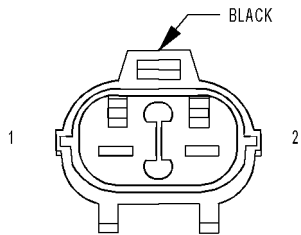
CAV	CIRCUIT	FUNCTION
1	L1 18WT/LG	BACKUP LAMP FEED
2	Z363 18BK/DG	GROUND



**LAMP-BACK UP-RIGHT (BOX ON)**

LAMP-BACKUP-RIGHT (BOX ON) - (CHASSIS) 2 WAY

CAV	CIRCUIT	FUNCTION
1	L1C 18WT/LG	BACKUP LAMP FEED
2	Z927 18BK	GROUND

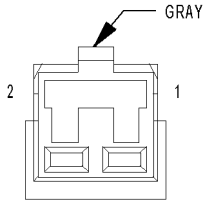


**LAMP-BAR-TAILGATE (DUAL REAR WHEELS)**

LAMP-BAR-TAILGATE (DUAL REAR WHEELS) - BLACK (CHASSIS) 2 WAY

CAV	CIRCUIT	FUNCTION
1	L7 18WT/YL	FUSED PARK LAMP FEED
2	Z363 20BK/DG	GROUND

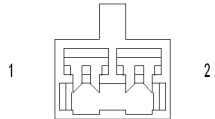




**LAMP-CENTER BEZEL**

LAMP-CENTER BEZEL - GRAY (INSTRUMENT PANEL) 2 WAY

CAV	CIRCUIT	FUNCTION
1	L70 20WT/GY	FUSED PARK LAMP FEED
2	Z923 20BK	GROUND



**LAMP-CENTER CONSOLE (LOWER BENCH)**

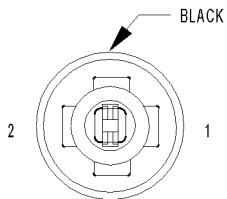
LAMP-CENTER CONSOLE (LOWER BUCKET) - (CENTER CONSOLE JUMPER) 2

CAV	CIRCUIT	FUNCTION
1	Z939 18BK/TN	GROUND
2	M228 18YL/LB	GLOVE BOX LAMP DRIVER

**CONNECTOR NOT AVAILABLE**

LAMP-CHMSL-AFTERMARKET - (CHASSIS) 1 WAY

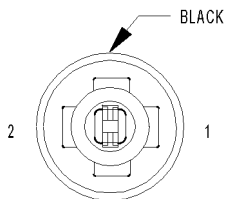
CAV	CIRCUIT	FUNCTION
1	L50 18WT/TN	BRAKE LAMP SWITCH OUTPUT



**LAMP-CLEARANCE NO. 1 (HD)**

LAMP-CLEARANCE NO. 1 (HD) - BLACK (CLEARANCE LAMPS) 2 WAY

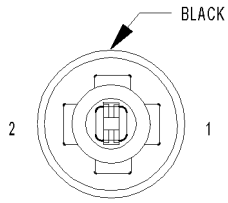
CAV	CIRCUIT	FUNCTION
1	L70 20WT/GY	FUSED PARK LAMP FEED
2	Z946 20BK	GROUND



**LAMP-CLEARANCE NO. 2 (HD)**

LAMP-CLEARANCE NO. 2 (HD) - BLACK (CLEARANCE LAMPS) 2 WAY

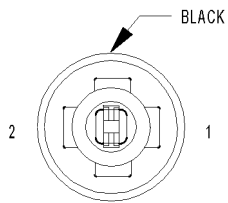
CAV	CIRCUIT	FUNCTION
1	L70 20WT/GY	FUSED PARK LAMP FEED
2	Z946 20BK	GROUND



**LAMP-CLEARANCE  
NO. 3  
(HD)**

LAMP-CLEARANCE NO. 3 (HD) - BLACK (CLEARANCE LAMPS) 2 WAY

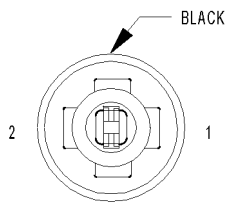
CAV	CIRCUIT	FUNCTION
1	L70 20WT/GY	FUSED PARK LAMP FEED
2	Z946 20BK	GROUND



**LAMP-CLEARANCE  
NO. 4  
(HD)**

LAMP-CLEARANCE NO. 4 (HD) - BLACK (CLEARANCE LAMPS) 2 WAY

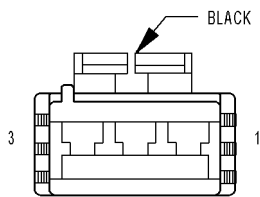
CAV	CIRCUIT	FUNCTION
1	L70 20WT/GY	FUSED PARK LAMP FEED
2	Z946 20BK	GROUND



**LAMP-CLEARANCE  
NO. 5  
(HD)**

LAMP-CLEARANCE NO. 5 (HD) - BLACK (CLEARANCE LAMPS) 2 WAY

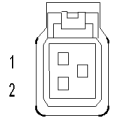
CAV	CIRCUIT	FUNCTION
1	L70 20WT/GY	FUSED PARK LAMP FEED
2	Z946 20BK	GROUND



**LAMP-DOME-  
REAR**

LAMP-DOME-REAR - BLACK (HEADLINER) 3 WAY

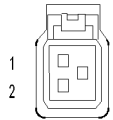
CAV	CIRCUIT	FUNCTION
1	M288 20YL/GY (LIGHT PACKAGE)	READING LAMPS DRIVER
2	M20 20YL/LB	COURTESY LAMPS DRIVER
3	Z964 20BK	GROUND



**LAMP-FENDER-FRONT LEFT (DUAL REAR WHEELS)**

LAMP-FENDER-FRONT LEFT (DUAL REAR WHEELS) - 2 WAY

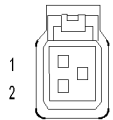
CAV	CIRCUIT	FUNCTION
1	L7 18WT/YL	FUSED PARK LAMP FEED
2	Z947 18BK	GROUND



**LAMP-FENDER-FRONT RIGHT (DUAL REAR WHEELS)**

LAMP-FENDER-FRONT RIGHT (DUAL REAR WHEELS) - 2 WAY

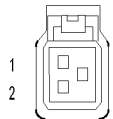
CAV	CIRCUIT	FUNCTION
1	L70 18WT/YL	FUSED PARK LAMP FEED
2	Z948 18BK	GROUND



**LAMP-FENDER-REAR LEFT (DUAL REAR WHEELS)**

LAMP-FENDER-REAR LEFT (DUAL REAR WHEELS) - 2 WAY

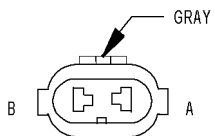
CAV	CIRCUIT	FUNCTION
1	L7 18WT/YL	FUSED PARK LAMP FEED
2	Z947 18BK	GROUND



**LAMP-FENDER-REAR RIGHT (DUAL REAR WHEELS)**

LAMP-FENDER-REAR RIGHT (DUAL REAR WHEELS) - 2 WAY

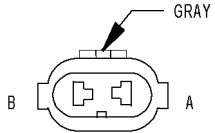
CAV	CIRCUIT	FUNCTION
1	L70 18WT/YL	FUSED PARK LAMP FEED
2	Z948 18BK	GROUND



**LAMP-FOG-LEFT FRONT**

LAMP-FOG-LEFT FRONT - GRAY (FRONT FASCIA) 2 WAY

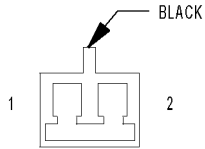
CAV	CIRCUIT	FUNCTION
A	Z926 18BK	GROUND
B	L89 18WT/YL	FOG LAMP CONTROL OUTPUT



**LAMP-FOG-RIGHT FRONT**

LAMP-FOG-RIGHT FRONT - GRAY (FRONT FASCIA) 2 WAY

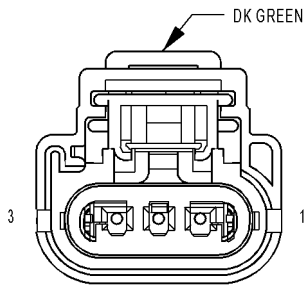
CAV	CIRCUIT	FUNCTION
A	Z926 18BK	GROUND
B	L89 18WT/YL	FOG LAMP CONTROL OUTPUT



**LAMP-GLOVE BOX**

LAMP-GLOVE BOX - BLACK (INSTRUMENT PANEL) 2 WAY

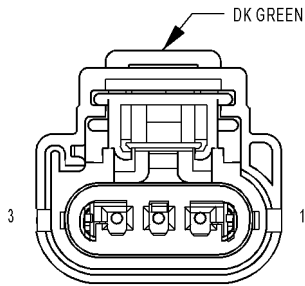
CAV	CIRCUIT	FUNCTION
1	Z328 20BK/TN	GROUND
2	M228 20YL/LB	GLOVE BOX LAMP DRIVER



**LAMP-HEADLAMP-LEFT**

LAMP-HEADLAMP-LEFT - DK GREEN (HEADLAMP AND DASH) 3 WAY

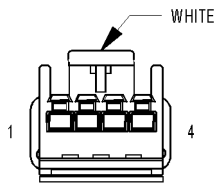
CAV	CIRCUIT	FUNCTION
1	L43 20WT/DB	LEFT LOW BEAM DRIVER
2	Z345 20BK/LB	GROUND
3	L33 20WT/LG	LEFT HIGH BEAM DRIVER



**LAMP-HEADLAMP-RIGHT**

LAMP-HEADLAMP-RIGHT - DK GREEN (HEADLAMP AND DASH) 3 WAY

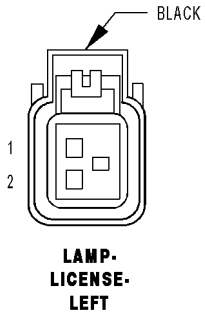
CAV	CIRCUIT	FUNCTION
1	L44 20WT/TN	RIGHT LOW BEAM DRIVER
2	Z346 18BK	GROUND
3	L34 20WT/GY	RIGHT HIGH BEAM DRIVER



**LAMP-HIGH MOUNTED STOP/CARGO**

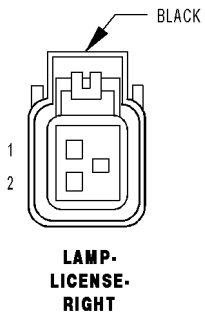
LAMP-HIGH MOUNTED STOP/CARGO - WHITE (CHASSIS) 4 WAY

CAV	CIRCUIT	FUNCTION
1	L14 20WT/RD	CARGO LAMP DRIVER
2	Z964 20BK	GROUND
3	Z964 20 BK	GROUND
4	L50 20WT/TN	BRAKE LAMP SWITCH OUTPUT



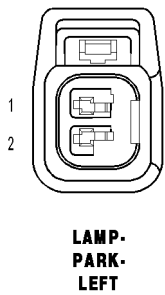
LAMP-LICENSE-LEFT - BLACK (CHASSIS) 2 WAY

CAV	CIRCUIT	FUNCTION
1	L7 18WT/YL	FUSED PARK LAMP FEED
2	Z363 18BK/DG	GROUND



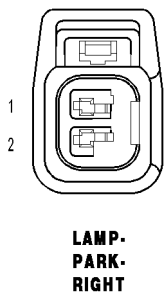
LAMP-LICENSE-RIGHT - BLACK (CHASSIS) 2 WAY

CAV	CIRCUIT	FUNCTION
1	L7 18WT/YL	FUSED PARK LAMP FEED
2	Z363 18BK/DG	GROUND



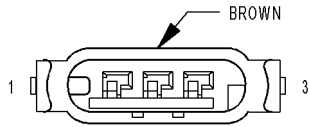
LAMP-PARK-LEFT - (HEADLAMP AND DASH) 2 WAY

CAV	CIRCUIT	FUNCTION
1	L7 20WT/YL	FUSED PARK LAMP FEED
2	Z958 20BK	GROUND



LAMP-PARK-RIGHT - (HEADLAMP AND DASH) 2 WAY

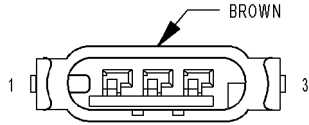
CAV	CIRCUIT	FUNCTION
1	L70 20WT/GY	FUSED PARK LAMP FEED
2	Z959 18BK	GROUND



**LAMP-PARK/  
TURN-  
LEFT  
FRONT**

LAMP-PARK/TURN-LEFT FRONT - BROWN (HEADLAMP AND DASH) 3 WAY

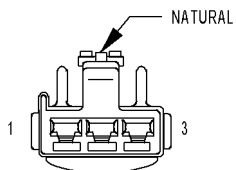
CAV	CIRCUIT	FUNCTION
1	L61 20WT/LG	LEFT FRONT TURN LAMP DRIVER
2	L7 20WT/YL	FUSED PARK LAMP FEED
3	Z377 20BK/BR	GROUND



**LAMP-PARK/  
TURN-  
RIGHT  
FRONT**

LAMP-PARK/TURN-RIGHT FRONT - BROWN (HEADLAMP AND DASH) 3 WAY

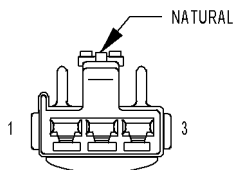
CAV	CIRCUIT	FUNCTION
1	L60 20WT/TN	RIGHT FRONT TURN LAMP DRIVER
2	L70 20WT/GY	FUSED PARK LAMP FEED
3	Z378 18BK	GROUND



**LAMP-  
READING-  
FRONT  
(EXCEPT SUNROOF)**

LAMP-READING-FRONT (EXCEPT SUNROOF) - NATURAL (HEADLINER) 3 WAY

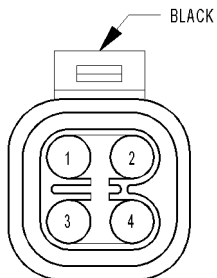
CAV	CIRCUIT	FUNCTION
1	M288 20YL/GY	READING LAMPS DRIVER
2	Z964 20BK	GROUND
3	M20 20YL/LB	COURTESY LAMPS DRIVER



**LAMP-  
READING-  
FRONT  
(EXCEPT SUNROOF)**

LAMP-READING-FRONT (SUNROOF) - BLACK (HEADLINER) 3 WAY

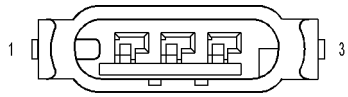
CAV	CIRCUIT	FUNCTION
1	M288 20YL/GY	READING LAMPS DRIVER
2	Z964 20BK	GROUND
3	M20 20YL/LB	COURTESY LAMPS DRIVER



**LAMP-  
TAIL  
STOP/  
TURN-  
LEFT  
(BOX OFF)**

LAMP-TAIL STOP/TURN-LEFT (BOX OFF) - BLACK (CHASSIS) 4 WAY

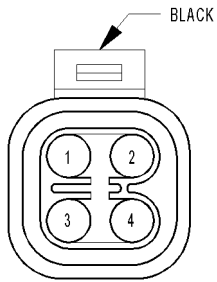
CAV	CIRCUIT	FUNCTION
1	L7 18WT/YL	FUSED PARK LAMP FEED
2	Z363 18BK/DG	GROUND
3	L63 18WT/DG	LEFT REAR TURN LAMP DRIVER
4	L1 18WT/LG	BACKUP LAMP FEED



**LAMP-TAIL STOP/TURN-LEFT (BOX ON)**

LAMP-TAIL STOP/TURN-LEFT (BOX ON) - (CHASSIS) 3 WAY

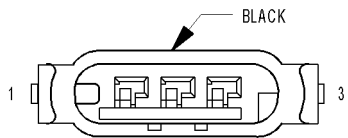
CAV	CIRCUIT	FUNCTION
1	L63 18WT/DG	LEFT REAR TURN LAMP DRIVER
2	L7 18WT/YL	FUSED PARK LAMP FEED
3	Z363 18BK/DG	GROUND



**LAMP-TAIL STOP/TURN-RIGHT (BOX OFF)**

LAMP-TAIL STOP/TURN-RIGHT (BOX OFF) - BLACK (CHASSIS) 4 WAY

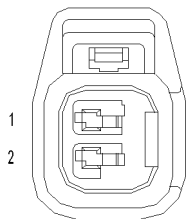
CAV	CIRCUIT	FUNCTION
1	L70 18WT/GY	FUSED PARK LAMP FEED
2	Z927 18BK	GROUND
3	L62 18WT/YL	RIGHT REAR TURN LAMP DRIVER
4	L1 18WT/LG	BACKUP LAMP FEED



**LAMP-TAIL STOP/TURN-RIGHT (BOX ON)**

LAMP-TAIL STOP/TURN-RIGHT (BOX ON) - BLACK (CHASSIS) 6 WAY

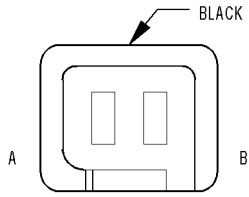
CAV	CIRCUIT	FUNCTION
1	L62 18WT/YL	RIGHT REAR TURN LAMP DRIVER
2	L70 18WT/GY	FUSED PARK LAMP FEED
3	Z927 18BK	GROUND



**LAMP-UNDERHOOD**

LAMP-UNDERHOOD - (UNDERHOOD LAMP) 2 WAY

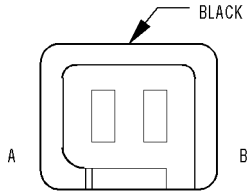
CAV	CIRCUIT	FUNCTION
1	Z470 20BK/LB	GROUND
2	A114 18GY/RD	FUSED B(+)



**LAMP-VANITY-LEFT  
(LIGHT PACKAGE)**

LAMP-VANITY-LEFT (LIGHT PACKAGE) - BLACK (HEADLINER) 2 WAY

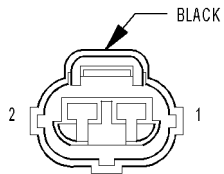
CAV	CIRCUIT	FUNCTION
A	M288 20YL/GY	READING LAMPS DRIVER
B	Z964 20BK	GROUND



**LAMP-VANITY-RIGHT  
(LIGHT PACKAGE)**

LAMP-VANITY-RIGHT (LIGHT PACKAGE) - BLACK (HEADLINER) 2 WAY

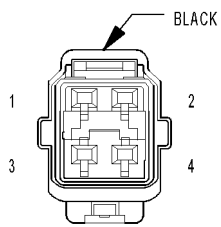
CAV	CIRCUIT	FUNCTION
A	M288 20YL/GY	READING LAMPS DRIVER
B	Z964 20BK	GROUND



**LATCH-DOOR-DRIVER  
(BASE)**

LATCH-DOOR-DRIVER (BASE) - BLACK (FRONT DOOR) 2 WAY

CAV	CIRCUIT	FUNCTION
1	G75 20VT	DRIVER DOOR AJAR SWITCH SENSE
2	Z917 20BK	GROUND

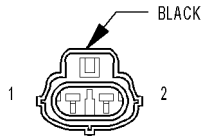


**LATCH-DOOR-DRIVER  
(POWER LOCKS)**

LATCH-DOOR-DRIVER (POWER LOCKS) - BLACK (FRONT DOOR) 4 WAY

CAV	CIRCUIT	FUNCTION
1	G75 20VT	DRIVER DOOR AJAR SWITCH SENSE
2	Z917 20BK	GROUND
3	P1 18TN/LG	DOOR UNLOCK DRIVER LEFT FRONT
4	P393 18LG	DOOR LOCK DRIVER LEFT DOORS

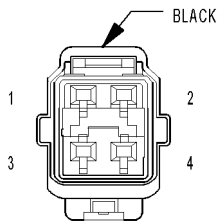




**LATCH-DOOR-LEFT REAR (BASE)**

LATCH-DOOR-LEFT REAR (BASE) - BLACK (REAR DOOR) 2 WAY

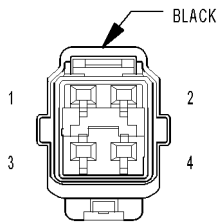
CAV	CIRCUIT	FUNCTION
1	G77 20VT/GY	LEFT REAR DOOR AJAR SWITCH SENSE
2	Z917 20BK	GROUND



**LATCH-DOOR-LEFT REAR (POWER LOCKS)**

LATCH-DOOR-LEFT REAR (POWER LOCKS) - BLACK (REAR DOOR) 4 WAY

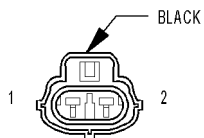
CAV	CIRCUIT	FUNCTION
1	G77 20VT/GY	LEFT REAR DOOR AJAR SWITCH SENSE
2	Z79 20LG/BK	GROUND
2	Z917 20BK	GROUND
3	P5 18TN/OR	DOOR UNLOCK DRIVER LEFT REAR
4	P393 18LG	DOOR LOCK DRIVER LEFT DOORS



**LATCH-DOOR-PASSENGER (POWER LOCKS)**

LATCH-DOOR-PASSENGER (POWER LOCKS) - BLACK (FRONT DOOR) 4 WAY

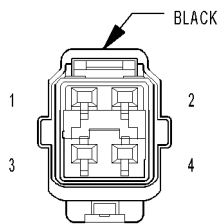
CAV	CIRCUIT	FUNCTION
1	G74 20VT/WT	PASSENGER DOOR AJAR SWITCH SENSE
2	Z917 20BK	GROUND
3	G778 18VT/LB	DOOR UNLOCK DRIVER RIGHT DOORS
4	P392 18LG/DB	DOOR LOCK DRIVER RIGHT DOORS



**LATCH-DOOR-RIGHT REAR (BASE)**

LATCH-DOOR-RIGHT REAR (BASE) - BLACK (REAR DOOR) 2 WAY

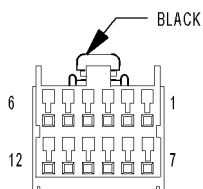
CAV	CIRCUIT	FUNCTION
1	G76 20VT/GY	RIGHT REAR DOOR AJAR SWITCH SENSE
2	Z72 20LG/BK	GROUND



**LATCH-  
DOOR-  
RIGHT REAR  
(POWER LOCKS)**

LATCH-DOOR-RIGHT REAR (POWER LOCKS) - BLACK (REAR DOOR) 4 WAY

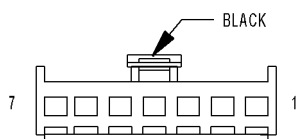
CAV	CIRCUIT	FUNCTION
1	G76 20VT/GY	RIGHT REAR DOOR AJAR SWITCH SENSE
2	Z72 20LG/BK	GROUND
3	G778 18TN/OR	DOOR UNLOCK DRIVER RIGHT DOORS
4	P392 18LG	DOOR LOCK DRIVER RIGHT DOORS



**MEDIA  
SYSTEM-  
MONITOR/DVD**

MEDIA SYSTEM-MONITOR/DVD - BLACK (SATELLITE RADIO JUMPER) 12 WAY

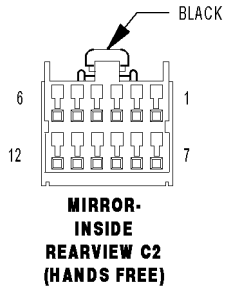
CAV	CIRCUIT	FUNCTION
1	X510 20DG/LB	RIGHT AUDIO AUX
2	X916 20GY/OR	SDARS AUDIO RETURN
3	X521 20GY/LB	LEFT AUDIO AUX
4	-	-
5	-	-
6	A114 18GY/RD	FUSED B(+)
7	X511 20GY/LG	LEFT AUDIO AUX
8	X910 20GY/DG	AUX AUDIO RETURN
9	X522 20GY/DB	RIGHT AUDIO AUX
10	D55 20WT/OR	CAN B BUS (+)
11	D54 20WT	CAN B BUS (-)
12	Z957 18BK	GROUND



**MIRROR-  
INSIDE  
REARVIEW C1  
(EXCEPT BASE)**

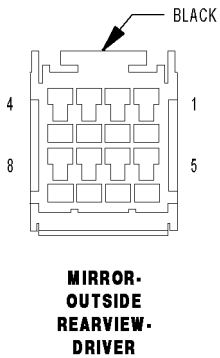
MIRROR-INSIDE REARVIEW C1 (EXCEPT BASE) - BLACK (CLEARANCE LIGHTS) 7 WAY

CAV	CIRCUIT	FUNCTION
1	F21 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
2	Z944 20BK	GROUND
3	L1 20WT/LG	BACKUP LAMP FEED
4	-	-
5	-	-
6	-	-
7	-	-



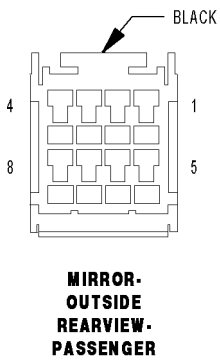
MIRROR-INSIDE REARVIEW C2 (HANDS FREE) - BLACK (CLEARANCE LIGHTS) 12 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	-	-
4	X722 20LB/DG	MICROPHONE 2 IN (+)
5	-	-
6	X712 20DG/LB	MICROPHONE 1 IN (+)
7	X793 20DG/YL	MICROPHONE FEED
8	-	-
9	X730 20GY/YL	VOICE RECOGNITION/PHONE SWITCH SIGNAL
10	-	-
11	X835 20OR/GY	SENSOR GROUND
12	X792 20LB/DG	MICROPHONE IN (-)



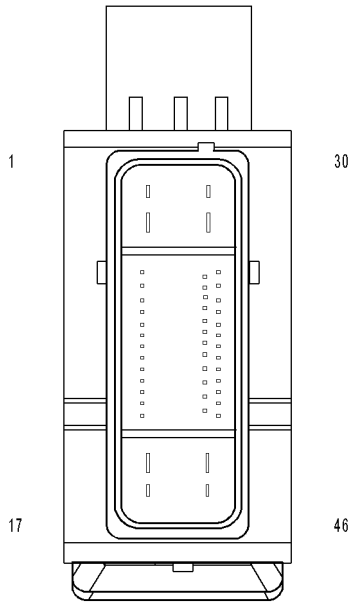
MIRROR-OUTSIDE REARVIEW-DRIVER - BLACK (FRONT DOOR) 8 WAY

CAV	CIRCUIT	FUNCTION
1	C16 18DB/GY	HEATED MIRROR CONTROL OUTPUT
2	P195 18LG/YL	LEFT MIRROR COMMON DRIVER (RIGHT/DOWN)
3	P75 18TN/LG	DRIVER MIRROR HORIZONTAL DRIVER
4	P71 18TN/DG	DRIVER MIRROR VERTICAL DRIVER
5	Z939 20BK	GROUND
6	-	-
7	-	-
8	-	-



MIRROR-OUTSIDE REARVIEW-PASSENGER - BLACK (FRONT DOOR) 8 WAY

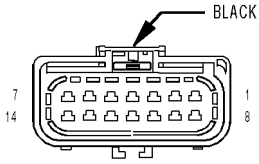
CAV	CIRCUIT	FUNCTION
1	C16 18DB/GY	HEATED MIRROR CONTROL OUTPUT
2	P195 18LG/YL	LEFT MIRROR COMMON DRIVER (RIGHT/DOWN)
3	P74 18TN/OR	RIGHT MIRROR LEFT DRIVER
4	P72 18TN/GY	RIGHT MIRROR UP DRIVER
5	Z939 20BK	GROUND
6	-	-
7	-	-
8	-	-



**MODULE-  
ANTI-LOCK  
BRAKES  
(AWAL)**

MODULE-ANTI-LOCK BRAKES (AWAL) - (HEADLAMP AND DASH) 46 WAY

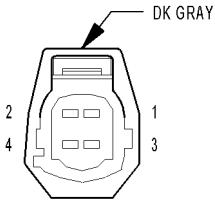
CAV	CIRCUIT	FUNCTION
1	-	-
2	A111 16DG/RD	FUSED B(+)
3	D65 20WT/LG	CAN C BUS (+)
4	-	-
5	-	-
6	B29 20DG/WT	BRAKE SWITCH NO. 1 SIGNAL
7	-	-
8	-	-
9	-	-
10	-	-
11	-	-
12	B9 20DG/LG	LEFT FRONT WHEEL SPEED SENSOR (+)
13	B8 20DG/TN	LEFT FRONT WHEEL SPEED SENSOR (-)
14	-	-
15	-	-
16	Z107 16BK/DG	GROUND
17	-	-
18	D64 20WT/LB	CAN C BUS (-)
19	-	-
20	D465 20WT/GY (ESP)	DYNAMICS SENSOR HIGH DATA LINK
21	-	-
22	-	-
23	-	-
24	-	-
25	-	-
26	B7 20DG/VT	RIGHT FRONT WHEEL SPEED SENSOR (+)
27	B6 20DG/WT	RIGHT FRONT WHEEL SPEED SENSOR (-)
28	-	-
29	-	-
30	-	-
31	A107 12TN/RD	FUSED B(+)
32	F960 20PK/LG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
33	-	-
34	D464 20WT/OR (ESP)	DYNAMICS SENSOR LOW DATA LINK
35	-	-
36	-	-
37	-	-
38	-	-
39	-	-
40	-	-
41	B3 20DG/YL (ESP)	REAR WHEEL SPEED SENSOR (-)
41	B22 20DG/YL (EXCEPT ESP)	REAR WHEEL SPEED SENSOR (-)
42	B4 20DG/GY (ESP)	REAR WHEEL SPEED SENSOR (+)
42	B222 20DG/WT (EXCEPT ESP)	REAR WHEEL SPEED SENSOR (+)
43	B2 20DG/LB (ESP)	RIGHT REAR WHEEL SPEED SENSOR (+)
44	B1 20DG/OR (ESP)	RIGHT REAR WHEEL SPEED SENSOR (-)
45	Z127 12BK/DG	GROUND
46	-	-



**MODULE-  
ANTI-  
LOCK BRAKES  
(RWAL)**

MODULE-ANTI-LOCK BRAKES (RWAL) - BLACK (HEADLAMP AND DASH) 14 WAY

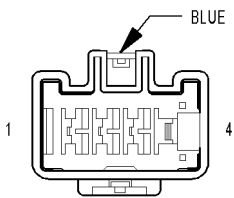
CAV	CIRCUIT	FUNCTION
1	B222 18DG/WT	REAR WHEEL SPEED SENSOR (+)
2	D65 18WT/LG	CAN C BUS (+)
3	D64 18WT/LB	CAN C BUS (-)
4	F960 20PK/LG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
5	B9 18DG/LG	LEFT FRONT WHEEL SPEED SENSOR (+)
6	Z107 16BK/DG	GROUND
7	A111 16DG/RD	FUSED B(+)
8	B22 18DG/YL	REAR WHEEL SPEED SENSOR (-)
9	B29 18DG/WT	BRAKE SWITCH NO. 1 SIGNAL
10	B8 18DG/TN	LEFT FRONT WHEEL SPEED SENSOR (-)
11	-	-
12	-	-
13	-	-
14	-	-



**MODULE-  
AXLE  
DISCONNECT-  
FRONT  
(LD 4WD)**

MODULE-AXLE DISCONNECT-FRONT (LD 4WD) - DK GRAY (AXLE DISCONNECT JUMPER) 4 WAY

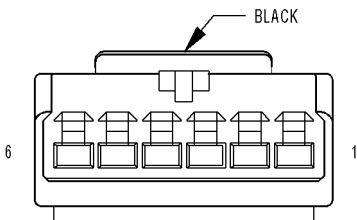
CAV	CIRCUIT	FUNCTION
1	Z906 20BK	GROUND
2	G304 20VT/DB	FRONT AXLE LOCK CONTROL
3	A880 20DB/RD	FUSED B(+)
4	G303 20VT/DG	FRONT AXLE LOCK SIGNAL



**MODULE-  
BRAKE  
PROVISION**

MODULE-BRAKE PROVISION - BLUE (HEADLAMP AND DASH) 4 WAY

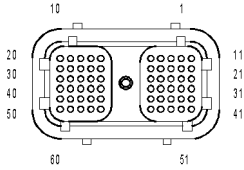
CAV	CIRCUIT	FUNCTION
1	Z998 18BK	GROUND
2	L50 18WT/TN	BRAKE LAMP SWITCH OUTPUT
3	B40 14DG	TRAILER TOW BRAKE B(+)
4	A400 14TN/RD	FUSED B(+)



**MODULE-  
ELECTRONIC  
OVERHEAD  
(EXCEPT BASE)**

MODULE-ELECTRONIC OVERHEAD (EXCEPT BASE) - BLACK (HEADLINER) 6 WAY

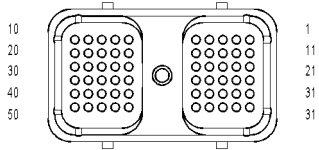
CAV	CIRCUIT	FUNCTION
1	-	-
2	A919 20RD	FUSED B(+)
3	D55 20WT/OR	CAN B BUS (+)
4	D54 20WT	CAN B BUS (-)
5	Z13 20BK/WT	GROUND
6	-	-



**MODULE-  
ENGINE  
CONTROL C1  
(5.9L)**

MODULE-ENGINE CONTROL C1 (5.9L) - (ENGINE) 60 WAY

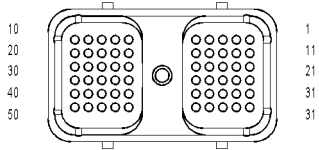
CAV	CIRCUIT	FUNCTION
1	K139 18DB	WASTEGATE SOLENOID CONTROL
2	G6 18VT/GY	OIL PRESSURE SIGNAL
3	-	-
4	D65 18WT/LG	CAN C BUS (+)
5	D64 18WT/LB	CAN C BUS (-)
6	K65 18BR/LB	FUEL CONTROL ACTUATOR RETURN
7	K20 18BR/GY	GEN FIELD CONTROL
8	K314 18TN/YL (A/T)	TTVA MOTOR (+)
9	-	-
10	-	-
11	K923 18BR/WT	WATER IN FUEL SENSOR GROUND
12	K181 18BR/YL	FUEL RAIL SENSOR SIGNAL
13	K615 18VT/WT	INLET AIR TEMPERATURE SENSE
14	-	-
15	K21 18DB/LG	INTAKE AIR TEMPERATURE SENSOR SIGNAL
16	K616 18BR/YL	INLET AIR PRESSURE SENSE
17	K2 18VT/OR	ECT SIGNAL
18	-	-
19	K604 18BR/TN	FUEL CONTROL ACTUATOR DRIVER
20	K315 18TN/OR (A/T)	TTVA MOTOR (-)
21	K161 18BR/LB	FAN SPEED SENSOR GROUND
22	K24 18BR/LB	CKP SIGNAL
23	K200 18BR/YL	SENSOR GROUND
24	K44 18DB/GY	CMP SIGNAL
25	K668 18BR	5 VOLT SUPPLY
26	-	-
27	K853 18DB/BR	5 VOLT SUPPLY
28	-	-
29	K690 18BR/YL	SENSOR GROUND
30	K11 16BR/YL	INJECTOR CONTROL NO. 1
31	G123 18VT/LG	WATER IN FUEL SENSOR SIGNAL
32	K944 18BK/GY	CMP SENSOR GROUND
33	K167 18BR/YL	APPS NO. 1 RETURN
34	N210 18DB/DG	FAN SPEED SENSOR SIGNAL
35	-	-
36	K14 16BR/TN	INJECTOR CONTROL NO. 4
37	-	-
38	-	-
39	-	-
40	K13 16TN	INJECTOR CONTROL NO. 3
41	K210 18DB/TN	SENSOR GROUND
42	K852 18BR/VT	5 VOLT SUPPLY
43	K37 18LB	BOOST PRESSURE SENSOR SIGNAL
44	-	-
45	-	-
46	K58 16BR/VT	INJECTOR CONTROL NO. 6
47	-	-
48	-	-
49	-	-
50	K12 16BR/DB	INJECTOR CONTROL NO. 2
51	-	-
52	K975 18BR/OR	CKP SENSOR GROUND
53	K915 18BR/WT	FUEL RAIL SENSOR RETURN
54	F855 18PK/YL	5 VOLT SUPPLY
55	-	-
56	K38 16GY	INJECTOR CONTROL NO. 5
57	K229 16TN/PK	INJECTOR HIGH SIDE DRIVER-BANK 2
58	-	-
59	K227 16BR/LG	INJECTOR HIGH SIDE DRIVER-BANK 1
60	-	-



**MODULE-ENGINE CONTROL C1 (6.7L)**

MODULE-ENGINE CONTROL C1 (6.7L) - (ENGINE) 60 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	K682 18DB/WT	EGR CONTROL NO. 1
3	K684 18DB/YL	EGR CONTROL NO. 2
4	K686 18GY/DB	EGR CONTROL NO. 3
5	K685 18DB	EGR SIGNAL NO. 2
6	-	-
7	K161 18BR/LB	FAN SPEED SENSOR GROUND
8	-	-
9	-	-
10	K366 18BR/LB	FUEL CONTROL ACTUATOR RETURN
11	K21 18DB/LG	INTAKE AIR TEMPERATURE SENSOR SIGNAL
12	-	-
13	K314 18BR	TTVA MOTOR (+)
14	K926 18DB/GY	CRANKCASE SENSOR SIGNAL
15	K2 18VT/OR	ECT SIGNAL
16	-	-
17	-	-
18	N27 18DB/GY	FAN SPEED SENSOR SIGNAL
19	K37 18BR	BOOST PRESSURE SENSOR SIGNAL
20	K616 18BR/YL	INLET AIR PRESSURE SENSE
21	K157 18BR/OR	MASS AIR FLOW SENSOR SIGNAL
22	K971 18BR/PK	SENSOR GROUND
23	-	-
24	K615 18VT/WT	INLET AIR TEMPERATURE SENSE
25	K683 18DB/GY	EGR SIGNAL NO. 1
26	K824 18DB/BR	5 VOLT SUPPLY
27	K158 18BR/YL	TTVA MOTOR (-)
28	A804 18RD	GEN SENSE
29	K181 18BR/YL	FUEL RAIL SENSOR SIGNAL
30	K365 18DB/BR	FUEL CONTROL ACTUATOR DRIVER
31	K24 18BR/LB	CKP SIGNAL
32	G6 18VT/GY	OIL PRESSURE SIGNAL
33	K972 18DB/TN	VGT ACTUATOR GROUND
34	G123 18VT/LG	WATER IN FUEL SENSOR SIGNAL
35	K687 18DB/LB	EGR SIGNAL NO. 3
36	F855 18PK/YL	5 VOLT SUPPLY
37	K44 18DB/GY	CMP SIGNAL
38	D130 18BR/VT	VGT ACTUATOR HIGH DATA LINK
39	D131 18WT/LG	VGT ACTUATOR LOW DATA LINK
40	K20 18BR/GY	GEN FIELD CONTROL
41	K935 18DB	EGR ORIFICE TEMPERATURE SENSOR SIGNAL
42	K540 18BR/GY	TURBO SPEED SENSOR SIGNAL
43	K541 18BR/VT	TURBO SPEED SENSOR GROUND
44	K925 18BR/OR	CKP SENSOR GROUND
45	K58 16BR/VT	INJECTOR CONTROL NO. 6
46	K12 16BR/DB	INJECTOR CONTROL NO. 2
47	K914 18BR/WT	SENSOR GROUND
48	K916 18BR/OR	SENSOR GROUND
49	-	-
50	K355 18BR/DG	EXHAUST DIFFERENTIAL PRESSURE SENSOR SIGNAL
51	K613 16GY/BR	INJECTOR HIGH SIDE DRIVER NO. 3
52	K612 16YL/BR	INJECTOR HIGH SIDE DRIVER NO. 2
53	K611 16OR/BR	INJECTOR HIGH SIDE DRIVER NO. 1
54	K14 16BR/TN	INJECTOR CONTROL NO. 4
55	K38 16GY	INJECTOR CONTROL NO. 5
56	K13 16TN	INJECTOR CONTROL NO. 3
57	K11 16BR/YL	INJECTOR CONTROL NO. 1
58	K658 16LG/BR	INJECTOR HIGH SIDE DRIVER NO. 6
59	K638 16LB/BR	INJECTOR HIGH SIDE DRIVER NO. 5
60	K614 16WT/BR	INJECTOR HIGH SIDE DRIVER NO. 4

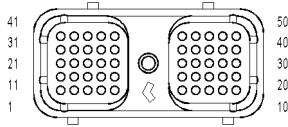


**MODULE-  
ENGINE  
CONTROL C2  
(6.7L)**

MODULE-ENGINE CONTROL C2 (6.7L) - (ENGINE JUMPER) 60 WAY

CAV	CIRCUIT	FUNCTION
1	D65 18WT/LG	CAN C BUS (+)
2	K31 18BR	FUEL PUMP CONTROL
3	-	-
4	-	-
5	G905 18BR/OR	EXHAUST BRAKE SWITCH SIGNAL
6	V32 18VT/YL	BRAKE SWITCH NO. 2 SIGNAL
7	K119 18LG/BK	MAXIMUM OPERATING SPEED SWITCH SIGNAL
8	K129 18DB/DG	REMOTE THROTTLE SWITCH SIGNAL
9	K186 18BR/OR	POST CATALYST EXHAUST GAS TEMPERATURE SENSOR SIGNAL
10	K372 18BR/DG	EXHAUST OUTLET TEMPERATURE SENSOR SIGNAL
11	-	-
12	-	-
13	-	-
14	-	-
15	T26 18DG/OR (M/T)	CLUTCH INTERLOCK/UPSTOP SWITCH OUTPUT
16	K425 18OR/BR	IN CAB POWER TAKEOFF SWITCH INPUT
17	K810 18VT/DG	ACCELERATOR INTERLOCK SWITCH SIGNAL
18	F425 18PK	REMOTE POWER TAKEOFF SWITCH RELAY SIGNAL
19	-	-
20	K185 18BR/LB	PRE-CATALYST EXHAUST GAS TEMPERATURE SENSOR SIGNAL
21	D64 18WT/LB	CAN C BUS (-)
22	K400 18BR/VT	APPS NO. 2 RETURN
23	-	-
24	K29 18WT/BR	APPS NO. 2 SIGNAL
25	B29 18DG/WT	BRAKE SWITCH NO. 1 SIGNAL
26	K854 18VT/BR	5 VOLT SUPPLY
27	K852 18BR/LB	5 VOLT SUPPLY
28	K167 18BR/DG	APPS NO. 1 RETURN
29	K900 18DB/DG	SENSOR GROUND
30	K25 18DB/VT	BATT TEMP SIGNAL
31	D133 18WT/OR	DIAGNOSTIC PORT HIGH DATA LINK
32	-	-
33	V937 18VT/BR	S/C SWITCH RETURN
34	K182 18BR/WT	SOOT DELTA PRESSURE SENSOR SIGNAL
35	K23 18BR/WT	APPS NO. 1 SIGNAL
36	-	-
37	K128 18DG/LG	REMOTE THROTTLE SIGNAL
38	-	-
39	K974 18BR/BK	INTAKE AIR HEATER RELAY CONTROL RETURN
40	V37 18VT	S/C SWITCH NO. 1 SIGNAL
41	-	-
42	-	-
43	K348 18BR	SMART POWER RELAY RETURN
44	C13 18LB	A/C CLUTCH CONTROL
45	F202 18PK/GY	FUSED IGNITION SWITCH OUTPUT (RUN-START)
46	-	-
47	Z902 16BK	GROUND
48	Z902 16BK	GROUND
49	A209 16RD	FUSED B(+)
50	A209 16RD	FUSED B(+)
51	D132 18WT	DIAGNOSTIC PORT LOW DATA LINK
52	-	-
53	-	-
54	G904 18VT/DG	EXHAUST BRAKE LAMP SIGNAL
55	K174 18BR/YL	INTAKE AIR HEATER RELAY CONTROL
56	V38 18VT/OR	S/C SWITCH NO. 2 SIGNAL
57	Z902 16BK	GROUND
58	-	-
59	-	-
60	A209 16RD	FUSED B(+)

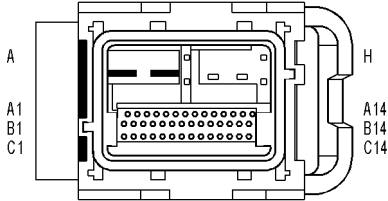




**MODULE-  
ENGINE  
CONTROL C2  
(5.9L)**

MODULE-ENGINE CONTROL C2 (5.9L) - (ENGINE JUMPER) 50 WAY

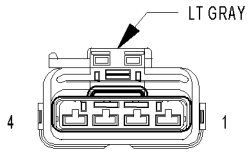
CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	K23 18BR/WT	APPS NO. 1 SIGNAL
4	-	-
5	T515 18YL/DB (A/T)	TRANSMISSION CONTROL
6	K174 18BR/YL	INTAKE AIR HEATER RELAY CONTROL
7	K31 18BR	FUEL PUMP CONTROL
8	-	-
9	T41 18YL/DB (A/T)	TRS T41 SENSE
10	-	-
11	-	-
12	-	-
13	T6 18DG (A/T)	TOW/HAUL OVERDRIVE OFF SWITCH SENSE
14	T118 18DG (A/T)	GOVERNOR PRESSURE SOLENOID CONTROL
15	T9 18DG/TN (A/T)	3-4 SOLENOID CONTROL
16	-	-
17	T38 18YL/BR (A/T)	GOVERNOR PRESSURE SENSOR SIGNAL
18	-	-
19	-	-
20	A209 16RD	FUSED B(+)
21	Z902 16BK	GROUND
22	-	-
23	F856 18YL/PK (A/T)	5 VOLT SUPPLY
24	K900 18DB/DG	SENSOR GROUND
25	T75 18YL/LB (A/T)	TORQUE CONVERTER CLUTCH SOLENOID CONTROL
26	-	-
27	K312 18OR (A/T)	TTVA POSITION SENSOR SIGNAL
28	-	-
29	T54 18DG/OR (A/T)	TRANSMISSION TEMPERATURE SENSOR SIGNAL
30	A209 16RD	FUSED B(+)
31	-	-
32	F202 18PK/GY	FUSED IGNITION SWITCH OUTPUT (RUN-START)
33	K854 18VT/BR	5 VOLT SUPPLY
34	-	-
35	K29 18WT/BR	APPS NO. 2 SIGNAL
36	V32 18VT/YL	BRAKE SWITCH NO. 2 SIGNAL
37	B29 18DG/WT	BRAKE SWITCH NO. 1 SIGNAL
38	-	-
39	-	-
40	A209 16RD	FUSED B(+)
41	C13 18LB/OR	A/C CLUTCH CONTROL
42	-	-
43	K160 18BR/OR	PWM FAN COIL SIGNAL
44	T14 18DG/BR (A/T)	OUTPUT SPEED SENSOR SIGNAL
45	T13 18DG/VT (A/T)	SPEED SENSOR GROUND
46	V37 18VT	S/C SWITCH NO. 1 SIGNAL
47	K25 18DB/VT	BATT TEMP SIGNAL
48	K400 18BR/VT	APPS NO. 2 RETURN
49	Z902 16BK	GROUND
50	Z902 16BK	GROUND



**MODULE-FINAL DRIVE CONTROL (POWER WAGON)**

MODULE-FINAL DRIVE CONTROL (POWER WAGON) - (HEADLAMP AND DASH) 50 WAY

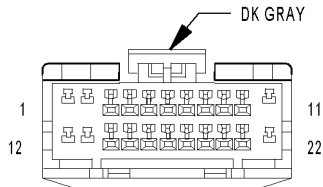
CAV	CIRCUIT	FUNCTION
A	-	-
A1	T521 20YL/BK	LOCKER SENSOR SUPPLY
A2	T537 20YL/LG	LOCKER SWITCH SUPPLY
A3	T523 20YL/BK	LOCKER SENSOR SUPPLY
A4	-	-
A5	-	-
A6	D65 20WT/LG	CAN C BUS (+)
A7	D64 20WT/LB	CAN C BUS (-)
A8	T527 20YL/TN	REAR LOCKER SENSOR SENSE
A9	T522 20YL/LB	FRONT LOCKER SENSOR SENSE
A10	T535 20YL/BR	LOCKER SWITCH SENSE
A11	-	-
A12	-	-
A13	-	-
A14	-	-
B	A121 14RD/YL	FUSED B(+)
B1	F960 20PK/LG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
B2	T536 20YL/WT	SWITCH SUPPLY
B3	-	-
B4	-	-
B5	T531 20YL/TN	STABILIZER BAR SWITCH SENSE
B6	T532 20YL/GY	LOCKER OPEN ILLUMINATION SENSE
B7	T533 20YL/LB	LOCKER REAR ILLUMINATION SENSE
B8	T534 20YL	LOCKER FR/RR ILLUMINATION SENSE
B9	T530 20YL/DG	STABILIZER BAR DISENGAGE ILLUMINATION SENSE
B10	T529 20YL/LG	STABILIZER BAR ENGAGE ILLUMINATION SENSE
B11	-	-
B12	-	-
B13	-	-
B14	-	-
C	T520 16YL/OR	FRONT LOCKER SOURCE
C1	-	-
C2	-	-
C3	-	-
C4	-	-
C5	-	-
C6	-	-
C7	-	-
C8	-	-
C9	-	-
C10	-	-
C11	-	-
C12	-	-
C13	-	-
C14	-	-
D	T526 16YL/WT	REAR LOCKER SOURCE
E	Z935 16BK	GROUND
F	Z935 16BK	GROUND
G	T524 16YL/LG	FRONT LOCKER RETURN
H	T528 16YL/GY	REAR LOCKER RETURN



**MODULE-FUEL PUMP**

MODULE-FUEL PUMP - LT GRAY (CHASSIS) 4 WAY

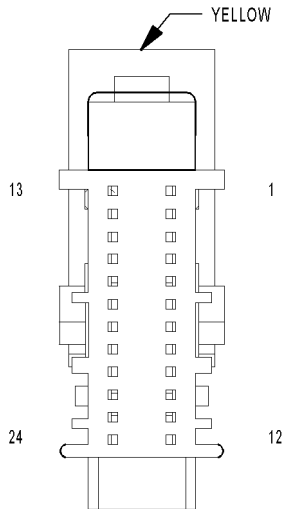
CAV	CIRCUIT	FUNCTION
1	Z927 12BK	GROUND
2	Z210 18BK	GROUND
3	N4 18DB/WT	FUEL LEVEL SENSOR SIGNAL
4	A109 14OR/RD	FUEL PUMP CONTROL OUTPUT



**MODULE-HANDS FREE**

MODULE-HANDS FREE - DK GRAY (INSTRUMENT PANEL) 22 WAY

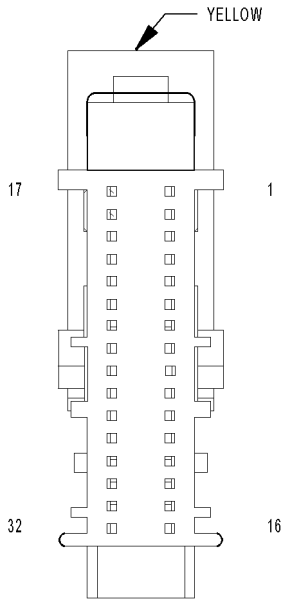
CAV	CIRCUIT	FUNCTION
1	A114 18GY/RD	FUSED B(+)
2	-	-
3	-	-
4	D54 20WT	CAN B BUS (-)
5	X722 20LB/DG	MICROPHONE 2 IN (+)
6	-	-
7	-	-
8	X716 20GY/TN	LEFT AUDIO OUTPUT
9	X776 20TN/GY	RIGHT AUDIO OUTPUT
10	X795 20DG	COMMON AUDIO OUTPUT
11	-	-
12	-	-
13	-	-
14	D55 20WT/OR	CAN B BUS (+)
15	X730 20GY/YL	VOICE RECOGNITION/PHONE SWITCH SIGNAL
16	X712 20DG/LB	MICROPHONE 1 IN (+)
17	X792 20LB/DG	MICROPHONE IN (-)
18	-	-
19	-	-
20	X793 20DG/YL	MICROPHONE FEED
21	X835 20OR/GY	SENSOR GROUND
22	Z970 18BK	GROUND



**MODULE-  
OCCUPANT  
RESTRAINT  
CONTROLLER C1**

MODULE-OCCUPANT RESTRAINT CONTROLLER C1 - YELLOW (INSTRUMENT PANEL) 24 WAY

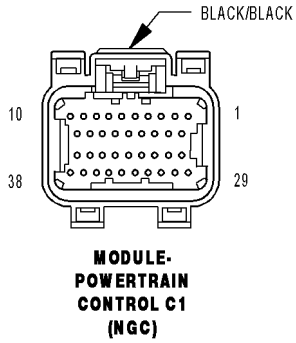
CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	D55 20WT/OR	CAN B BUS (+)
4	D54 20WT	CAN B BUS (-)
5	-	-
6	G104 20VT/GY	PASSENGER AIRBAG INDICATOR DRIVER
7	R104 20LB/LG	PASSENGER AIRBAG MUX SWITCH RETURN
8	R106 20LG/LB	PASSENGER AIRBAG MUX SWITCH SENSE
9	R81 20LB/WT (EXCEPT EXHAUST BRAKE)	LEFT FRONT IMPACT SENSOR GROUND
10	R79 20LB/VT (EXCEPT EXHAUST BRAKE)	LEFT FRONT IMPACT SENSOR SIGNAL
11	R82 20WT/LB (EXCEPT EXHAUST BRAKE)	RIGHT FRONT IMPACT SENSOR GROUND
12	R80 20VT/LB (EXCEPT EXHAUST BRAKE)	RIGHT FRONT IMPACT SENSOR SIGNAL
13	-	-
14	-	-
15	-	-
16	-	-
17	R43 20LG/BR	DRIVER SQUIB 1 LINE 1
18	R45 20LG/OR	DRIVER SQUIB 1 LINE 2
19	R44 20LB/OR	PASSENGER SQUIB 1 LINE 2
20	R42 20LB/BR	PASSENGER SQUIB 1 LINE 1
21	R61 20LG/VT	DRIVER SQUIB 2 LINE 1
22	R63 20LG/WT	DRIVER SQUIB 2 LINE 2
23	R64 20LB/WT	PASSENGER SQUIB 2 LINE 1
24	R62 20LB/VT	PASSENGER SQUIB 2 LINE 2



**MODULE-  
OCCUPANT  
RESTRAINT  
CONTROLLER C2**

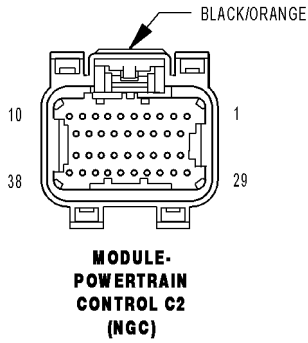
MODULE-OCCUPANT RESTRAINT CONTROLLER C2 - YELLOW (BODY) 32 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-
9	R53 20LG/YL	DRIVER SEAT BELT TENSIONER LINE 2
10	R55 20LG/DG	DRIVER SEAT BELT TENSIONER LINE 1
11	R56 20LB/DG	PASSENGER SEAT BELT TENSIONER LINE 1
12	R54 20LB/YL	PASSENGER SEAT BELT TENSIONER LINE 2
13	R1 20LB/WT	LEFT CURTAIN SQUIB 1 LINE 2
14	R3 20LB/OR	LEFT CURTAIN SQUIB 1 LINE 1
15	R4 20OR/LB	RIGHT CURTAIN SQUIB 1 LINE 1
16	R2 20WT/LB	RIGHT CURTAIN SQUIB 1 LINE 2
17	F201 20PK/OR	FUSED IGNITION SWITCH OUTPUT (RUN-START)
18	F100 20PK/VT	FUSED IGNITION SWITCH OUTPUT (RUN)
19	-	-
20	Z104 18BK/LG	GROUND
21	R261 20LB/WT (EXCEPT MEGA CAB)	DRIVER SEAT POSITION SENSOR DATA
22	-	-
23	-	-
24	R263 20LB/VT (EXCEPT MEGA CAB)	DRIVER SEAT POSITION SENSOR VOLTAGE
25	-	-
26	-	-
27	R14 20TN/LG	RIGHT SIDE IMPACT SENSOR 1 SIGNAL
28	R16 20BR/LG	RIGHT SIDE IMPACT SENSOR 1 GROUND
29	R15 20LG/BR	LEFT SIDE IMPACT SENSOR 1 GROUND
30	R13 20LG/TN	LEFT SIDE IMPACT SENSOR 1 SIGNAL
31	-	-
32	-	-



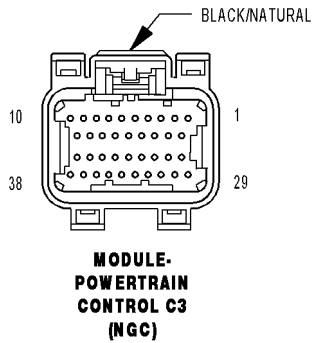
MODULE-POWERTRAIN CONTROL C1 (NGC) - BLACK/BLACK (ENGINE) 38 WAY

CAV	CIRCUIT	FUNCTION
1	K98 18DB/YL (EXCEPT 3.7L)	COIL CONTROL NO. 8
2	-	-
3	K97 18DB/YL (4.7L)	COIL CONTROL NO. 7
3	K97 18BR (5.7L)	COIL CONTROL NO. 7
4	K28 18BR/LB (EXCEPT 3.7L)	INJECTOR CONTROL NO. 8
5	K26 18BR/YL (EXCEPT 3.7L)	INJECTOR CONTROL NO. 7
6	-	-
7	-	-
8	-	-
9	Z130 16BK/BR	GROUND
10	A918 16RD	FUSED B(+)
11	F202 20PK/GY	FUSED IGNITION SWITCH OUTPUT (RUN-START)
12	F1 20PK/WT (EXCEPT M/T)	FUSED IGNITION SWITCH OUTPUT (OFF-RUN-START)
13	-	-
14	-	-
15	-	-
16	-	-
17	-	-
18	Z131 16BK/DG	GROUND
19	Z951 16BK/YL	GROUND
20	G6 16VT/GY	OIL PRESSURE SIGNAL
21	-	-
22	-	-
23	-	-
24	A804 18RD/GY	GEN SENSE
25	-	-
26	-	-
27	F856 20YL/PK	5 VOLT SUPPLY
28	K452 20BR/LB (5.7L MDS)	MDS SOL CONTROL NO. 4
29	A918 16RD	FUSED B(+)
30	T751 20YL	IGNITION SWITCH OUTPUT (START)
31	K141 20DB/YL	O2 1/2 SIGNAL
32	K902 20BR/DG	O2 RETURN (UPSTREAM)
33	K243 20BR	O2 2/2 SIGNAL
34	D65 20WT/LG	CAN C BUS (+)
35	D64 20WT/LB	CAN C BUS (-)
36	-	-
37	-	-
38	K342 16BR/WT	ASD CONTROL OUTPUT



MODULE-POWERTRAIN CONTROL C2 (NGC) - BLACK/ORANGE (ENGINE) 38 WAY

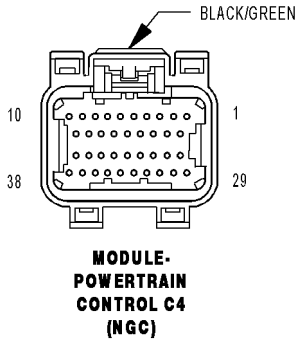
CAV	CIRCUIT	FUNCTION
1	K10 18DB/OR	COIL CONTROL NO. 6
2	K16 18DB/YL	COIL CONTROL NO. 5
3	K15 18DB/GY	COIL CONTROL NO. 4
4	K58 18BR/VT	INJECTOR CONTROL NO. 6
5	K38 18BR/OR	INJECTOR CONTROL NO. 5
6	K447 20TN/YL (3.7L/5.7L)	ETC MOTOR (+)
7	K18 18DB/OR	COIL CONTROL NO. 3
8	K35 20DB/VT	EGR SOL CONTROL
9	K17 18DB/TN	COIL CONTROL NO. 2
10	K19 18DB/DG	COIL CONTROL NO. 1
11	K14 18BR/TN	INJECTOR CONTROL NO. 4
12	K13 18BR/LB	INJECTOR CONTROL NO. 3
13	K12 18BR/DB	INJECTOR CONTROL NO. 2
14	K11 18BR/YL	INJECTOR CONTROL NO. 1
15	K922 20BR/DB (3.7L/5.7L)	TP SENSOR RETURN
16	K453 20BR/DG (5.7L MDS)	MDS SOL CONTROL NO. 6
17	K199 20BR/VT	O2 2/1 HEATER CONTROL
18	K99 20BR/LG	O2 1/1 HEATER CONTROL
19	K20 18BR/GY	GEN FIELD CONTROL
20	K2 20VT/OR	ECT SIGNAL
21	K22 20BR/OR	TP NO. 1 SIGNAL
22	K34 20DB/LG	EGR SIGNAL
23	K1 20VT/BR	MAP SIGNAL
24	K942 20BR/LG	KNOCK SENSOR NO. 1 RETURN
25	K42 20DB/YL	KNOCK SENSOR NO. 1 SIGNAL
26	-	-
27	K900 20DB/DG	SENSOR GROUND
28	K122 20BR/DG (3.7L/5.7L)	TP NO. 2 SIGNAL
28	K961 20BR/VT (4.7L)	IAC SIGNAL
29	F855 20PK/YL	5 VOLT SUPPLY
30	K21 20DB/LG	IAT SIGNAL
31	K41 20DB/LB	O2 1/1 SIGNAL
32	K904 20DB/DG	O2 RETURN (DOWNSTREAM)
33	K43 20DB/LG	O2 2/1 SIGNAL
34	K44 20DB/GY	CMP SIGNAL
35	K24 20BR/LB	CKP SIGNAL
36	K242 20BR/WT	KNOCK SENSOR NO. 2 SIGNAL
37	K924 20WT/BR	KNOCK SENSOR NO. 2 RETURN
38	K448 20TN/OR (3.7L/5.7L)	ETC MOTOR (-)
38	K61 20VT/GY (4.7L)	IAC CONTROL



MODULE-POWERTRAIN CONTROL C3 (NGC) - BLACK/NATURAL (HEADLAMP AND DASH) 38 WAY

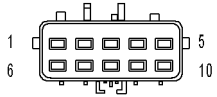
CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	K51 20BR/WT	ASD CONTROL
4	-	-
5	V35 20VT/OR (4.7L)	S/C VENT SOL CONTROL
5	K454 20BR/OR (5.7L MDS)	MDS SOL CONTROL NO. 7
6	K451 20BR/WT (5.7L MDS)	MDS SOL CONTROL NO. 1
7	V32 20VT/YL (4.7L)	SPEED CONTROL SUPPLY
8	-	-
9	K299 20BR/WT	O2 1/2 HEATER CONTROL
10	K399 18BR/GY	O2 2/2 HEATER CONTROL
11	C13 20LB/OR	A/C CLUTCH CONTROL
12	V36 20VT/YL (4.7L)	S/C VACUUM SOL CONTROL
13	-	-
14	V32 20VT/YL (3.7L/5.7L)	BRAKE SWITCH NO. 2 SIGNAL
15	V937 20VT/BR (3.7L/5.7L)	S/C SWITCH RETURN
16	K167 20BR/YL (3.7L/5.7L)	APPS NO. 1 RETURN
17	K400 20BR/VT (3.7L/5.7L)	APPS NO. 2 RETURN
18	V38 20VT/OR (3.7L/5.7L)	S/C SWITCH NO. 2 SIGNAL
19	K342 16BR/WT	ASD CONTROL OUTPUT
20	K52 20DB/WT	EVAP PURGE SOL CONTROL
21	T41 20YL/DB	TRS T41 SENSE
22	G113 20VT (4.7L/5.7L EXCEPT UPFITTER)	PTO SENSE
22	G113 18PK/YL (5.7L UPFITTER)	PTO SENSE
23	B29 20DG/WT	BRAKE SWITCH NO. 1 SIGNAL
24	-	-
25	K23 20BR/WT (3.7L/5.7L)	APPS NO. 1 SIGNAL
26	-	-
27	-	-
28	K342 16BR/WT	ASD CONTROL OUTPUT
29	K70 20DB/BR	EVAP PURGE SOL SIGNAL
30	K66 20DB/WT (5.7L)	P/S SWITCH SIGNAL
31	-	-
32	-	-
33	G24 20VT/BR (5.7L)	OIL TEMPERATURE SIGNAL
34	V37 20VT	S/C SWITCH NO. 1 SIGNAL
35	K107 20VT/WT	ESM SIGNAL
36	K29 20WT/BR (3.7L/5.7L)	APPS NO. 2 SIGNAL
37	K31 20BR	FUEL PUMP CONTROL
38	T752 20DG/OR	STARTER SOLENOID CONTROL





MODULE-POWERTRAIN CONTROL C4 (NGC) - BLACK/GREEN (ENGINE) 38 WAY

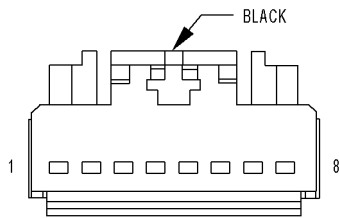
CAV	CIRCUIT	FUNCTION
1	T60 20YL/GY	OD SOLENOID CONTROL
2	T259 20YL/DG (RFE)	4C SOLENOID CONTROL
2	T59 20YL/LB (RLE)	UD SOLENOID CONTROL
3	-	-
4	T140 20YL/GY	MS SOLENOID CONTROL
5	-	-
6	T219 20YL/LG (RFE)	2C SOLENOID CONTROL
6	T19 18YL/DB (RLE)	2-4 SOLENOID CONTROL
7	-	-
8	T59 20YL/LB (RFE)	UD SOLENOID CONTROL
9	-	-
10	T20 20DG/WT	L/R SOLENOID CONTROL
11	T118 20DG	PRESSURE CONTROL SOLENOID CONTROL
12	Z908 18BK	GROUND
13	Z977 18BK	GROUND
14	Z904 18BK	GROUND
15	T1 20DG/LB	TRS T1 SENSE
16	T3 20DG/DB	TRS T3 SENSE
17	T6 20DG	TOW/HAUL OVERDRIVE OFF SWITCH SENSE
18	T515 20YL/DB	TRANSMISSION CONTROL
19	T16 16YL/OR	TRANSMISSION CONTROL OUTPUT
20	T48 20BR/YL (RFE)	4C PRESSURE SWITCH SENSE
21	T29 20YL/WT (RFE)	UD PRESSURE SWITCH SENSE
22	T9 20DG/TN	OD PRESSURE SWITCH SENSE
23	-	-
24	-	-
25	-	-
26	T4 20DG/LB (RFE)	TRS T2 SENSE
27	-	-
28	T16 16YL/OR	TRANSMISSION CONTROL OUTPUT
29	T50 20YL/TN	L/R PRESSURE SWITCH SENSE
30	T147 20DG/YL (RFE)	2C PRESSURE SWITCH SENSE
30	T47 18YL/DG (RLE)	2-4 PRESSURE SWITCH SENSE
31	T38 20YL/BR	LINE PRESSURE SENSOR SIGNAL
32	T14 20DG/BR	OUTPUT SPEED SENSOR SIGNAL
33	T52 20DG/OR	INPUT SPEED SENSOR SIGNAL
34	T13 20DG/VT	SPEED SENSOR GROUND
35	T54 20DG/OR	TRANSMISSION TEMPERATURE SENSOR SIGNAL
36	-	-
37	T42 20DG/YL	TRS T42 SENSE
38	T16 16YL/OR	TRANSMISSION CONTROL OUTPUT



**MODULE-REMOTE THROTTLE PROVISION (6.7L DIESEL)**

MODULE-REMOTE THROTTLE PROVISION (6.7L DIESEL) - (TRANSMISSION JUMPER) 10 WAY

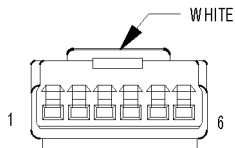
CAV	CIRCUIT	FUNCTION
1	K854 18VT/BR	5 VOLT SUPPLY
2	K400 18BR/VT	APPS NO. 2 RETURN
3	K128 18DB/LG	REMOTE THROTTLE SIGNAL
4	K129 18DB/DG	REMOTE THROTTLE SWITCH SIGNAL
5	K119 18LG/BK	MAXIMUM OPERATING SPEED SWITCH SIGNAL
6	K810 18VT/DG	ACCELERATOR INTERLOCK SWITCH SIGNAL
7	F425 18PK	REMOTE POWER TAKEOFF SWITCH RELAY SIGNAL
8	V937 18VT/BR	S/C SWITCH RETURN
9	K425 18OR/BR	IN CAB POWER TAKEOFF SWITCH INPUT
10	-	-



**MODULE-SENTRY KEY REMOTE ENTRY**

MODULE-SENTRY KEY REMOTE ENTRY - BLACK (INSTRUMENT PANEL) 8 WAY

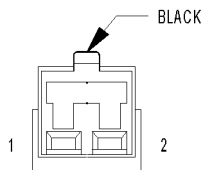
CAV	CIRCUIT	FUNCTION
1	G20 20VT/BR	IGNITION SWITCH SENSE
2	-	-
3	F20 20PK/WT	FUSED IGNITION SWITCH OUTPUT (RUN-START)
4	Z109 20BK/GY	GROUND
5	A114 18GY/RD	FUSED B(+)
6	D55 20WT/OR	CAN B BUS (+)
7	D54 20WT	CAN B BUS (-)
8	-	-



**MODULE-STEERING CONTROL C1**

MODULE-STEERING CONTROL C1 - WHITE (INSTRUMENT PANEL) 6 WAY

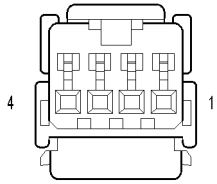
CAV	CIRCUIT	FUNCTION
1	Z909 20BK (PREMIUM)	GROUND
2	X20 20GY/WT (PREMIUM)	RADIO CONTROL MUX
3	V38 20VT/OR	S/C SWITCH NO. 2 SIGNAL
4	V37 20VT	S/C SWITCH NO. 1 SIGNAL
5	V937 20VT/BR	S/C SWITCH RETURN
6	X3 20DG/VT	HORN SWITCH SENSE



**MODULE-STEERING CONTROL C2 (PREMIUM)**

MODULE-STEERING CONTROL C2 (PREMIUM) - BLACK (INSTRUMENT PANEL) 2 WAY

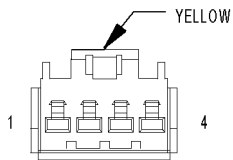
CAV	CIRCUIT	FUNCTION
1	Z909 22WT/BR	SWITCH MUX RETURN
1	Z909 22WT/BR	SWITCH MUX RETURN
2	X20 22GY/WT	RADIO CONTROL MUX
2	X20 22GY/WT	RADIO CONTROL MUX



**MODULE-STEERING CONTROL C3**

MODULE-STEERING CONTROL C3 - (INSTRUMENT PANEL) 4 WAY

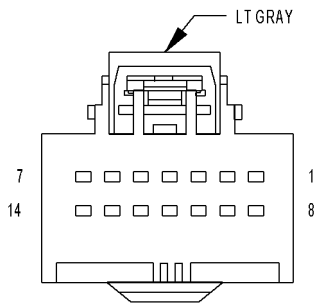
CAV	CIRCUIT	FUNCTION
1	X3 20DG/VT	HORN SWITCH SENSE
2	V937 22DB/DG (3.7L/5.7L/6.7L)	S/C SWITCH RETURN
2	K900 22DB/DG (EXCEPT 3.7L/5.7L/6.7L)	SENSOR GROUND
3	V37 22VT	S/C SWITCH NO. 1 SIGNAL
4	V38 22VT/OR	S/C SWITCH NO. 2 SIGNAL



**MODULE-STEERING CONTROL C4**

MODULE-STEERING CONTROL C4 - YELLOW (INSTRUMENT PANEL) 4 WAY

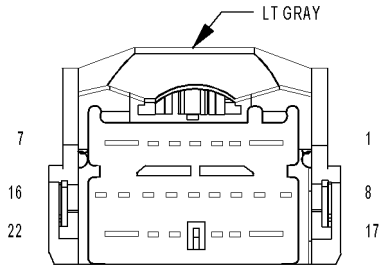
CAV	CIRCUIT	FUNCTION
1	R61 20LG/VT	DRIVER SQUIB 2 LINE 1
2	R63 20LG/WT	DRIVER SQUIB 2 LINE 2
3	R43 20LG/BR	DRIVER SQUIB 1 LINE 1
4	R45 20LG/OR	DRIVER SQUIB 1 LINE 2



**MODULE-TOTALLY INTEGRATED POWER C1**

MODULE-TOTALLY INTEGRATED POWER C1 - LT GRAY (HEADLAMP AND DASH) 14 WAY

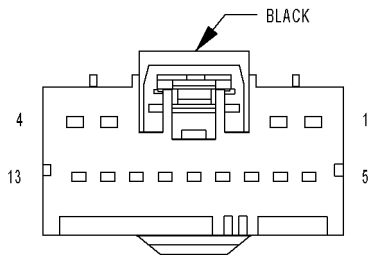
CAV	CIRCUIT	FUNCTION
1	F1 20PK/WT	FUSED IGNITION SWITCH OUTPUT (OFF-RUN-START)
2	T41 18YL/DB (5.9L A/T)	TRS T41 SENSE
2	T41 20YL/DB (6.7L/5.9L M/T)	TRS T41 SENSE
2	T752 20DG/OR (GAS)	STARTER SOLENOID CONTROL
3	-	-
4	K31 20BR	FUEL PUMP CONTROL
5	W7 20BR/GY	WIPER PARK SWITCH SENSE
6	-	-
7	-	-
8	G932 20VT/TN	WASHER FLUID SWITCH RETURN
9	W1 20BR/TN	WASHER FLUID SWITCH SENSE
10	T515 20YL/DB (EXCEPT M/T DIESEL)	TRANSMISSION CONTROL
11	G70 20VT/LB (REMOTE START)	HOOD AJAR SWITCH SENSE
12	-	-
13	-	-
14	-	-



**MODULE-TOTALLY INTEGRATED POWER C10**

MODULE-TOTALLY INTEGRATED POWER C10 - LT GRAY (HEADLAMP AND DASH) 22 WAY

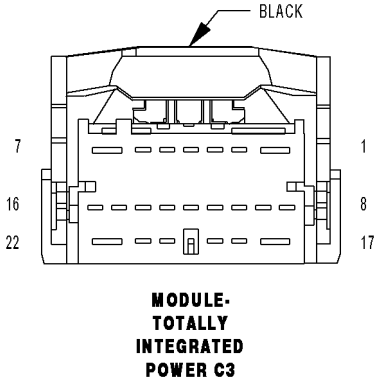
CAV	CIRCUIT	FUNCTION
1	K342 16BR/WT (EXCEPT DIESEL)	ASD CONTROL OUTPUT
2	A405 18RD/DB	FUSED B(+)
3	A941 18RD	FUSED B(+)
4	-	-
5	A104 20YL/RD	FUSED B(+)
6	A310 16RD/LB (EXCEPT BASE)	FUSED B(+)
7	C15 14DB/WT (EXCEPT BASE)	REAR WINDOW DEFOGGER CONTROL OUTPUT
8	F12 14PK/RD	FUSED IGNITION SWITCH OUTPUT (RUN-START)
9	T16 16YL/OR (EXCEPT DIESEL M/T)	TRANSMISSION CONTROL OUTPUT
10	-	-
11	X22 18GY/LB	HORN CONTROL OUTPUT
12	W3 18BR/WT	WIPER LOW SPEED CONTROL OUTPUT
13	Z971 18BK	GROUND
14	C16 18DB/GY (EXCEPT BASE)	HEATED MIRROR CONTROL OUTPUT
15	A212 20RD/OR (5.9L DIESEL)	FUSED B(+)
16	-	-
17	A121 14RD/YL (POWER WAGON)	FUSED B(+)
18	A109 16OR/RD	FUEL PUMP CONTROL OUTPUT
19	X21 18GY/YL	HORN CONTROL OUTPUT
20	Z953 20BK (POWER WAGON)	GROUND
21	T41 20YL/DB (POWER WAGON)	TRS T41 SENSE
22	A400 14TN/RD (TRAILER TOW)	FUSED B(+)



**MODULE-TOTALLY INTEGRATED POWER C2**

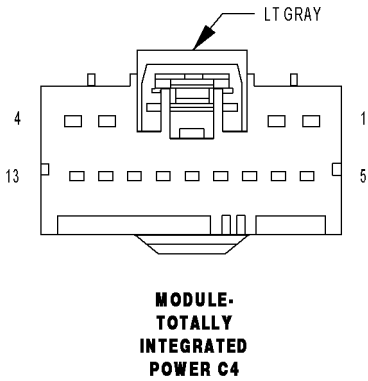
MODULE-TOTALLY INTEGRATED POWER C2 - BLACK (HEADLAMP AND DASH) 13 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	W10 20BR	WASHER PUMP MOTOR CONTROL
3	F20 20PK/WT	IGNITION SWITCH OUTPUT (RUN-START)
4	A72 20RD/OR (EXCEPT BASE 3.7L/ 4.7L)	ADJUSTABLE PEDALS OUTPUT
5	-	-
6	-	-
7	-	-
8	-	-
9	G304 20VT/DB (LD 4WD)	FRONT AXLE LOCK CONTROL
10	C13 20LB (6.7L)	A/C CLUTCH CONTROL
10	C13 20LB/OR (EXCEPT 6.7L)	A/C CLUTCH CONTROL
11	K51 20BR/WT (EXCEPT DIESEL)	ASD CONTROL
12	B20 20DG/OR	BRAKE FLUID LEVEL SWITCH SENSE
13	Z117 20BK/WT	GROUND



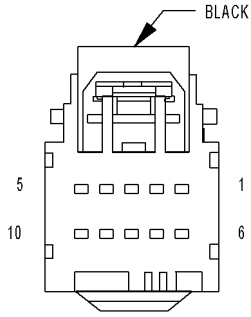
MODULE-TOTALLY INTEGRATED POWER C3 - BLACK (HEADLAMP AND DASH) 22 WAY

CAV	CIRCUIT	FUNCTION
1	A209 10RD (DIESEL)	FUSED B(+)
2	-	-
3	F984 18PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
4	-	-
5	F983 20PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
6	A205 18RD/OR	FUSED B(+)
7	-	-
8	A944 20RD	FUSED B(+)
9	A116 16YL/RD (EXCEPT BASE 3.7L/4.7L)	FUSED B(+)
10	A118 18RD/OR (6.7L DIESEL)	FUSED B(+)
11	-	-
12	A918 16RD (GAS)	FUSED B(+)
13	F921 20PK/LB	FUSED IGNITION SWITCH OUTPUT (RUN)
14	F504 20GY/PK	FUSED IGNITION SWITCH OUTPUT (RUN)
15	F202 20PK/GY	FUSED IGNITION SWITCH OUTPUT (RUN-START)
16	A930 16RD (HEATED SEATS)	FUSED B(+)
17	F942 10PK/LG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
18	L673 18YL (TRAILER TOW)	TRAILER TOW LEFT TURN RELAY OUTPUT
19	L674 18LG (TRAILER TOW)	TRAILER TOW RIGHT TURN RELAY OUTPUT
20	F960 20PK/LG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
21	F21 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
22	F12 14PK/RD	FUSED IGNITION SWITCH OUTPUT (RUN-START)



MODULE-TOTALLY INTEGRATED POWER C4 - LT GRAY (HEADLAMP AND DASH) 13 WAY

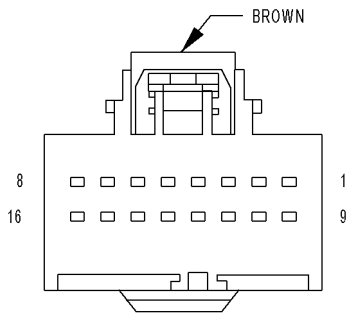
CAV	CIRCUIT	FUNCTION
1	Z118 16BK/YL	GROUND
2	T102 16YL (ETC)	SHIFT MOTOR CONTROL A
3	T101 16DG (ETC)	SHIFT MOTOR CONTROL B
4	-	-
5	-	-
6	-	-
7	-	-
8	T300 20YL/GY (ETC)	T-CASE MOTOR BRAKE SIGNAL
9	T103 20YL/OR (ETC)	5 VOLT SUPPLY
10	D201 20WT/DG (4WD)	MODE SENSOR A
11	G180 20VT/YL (4WD)	SENSOR RETURN
12	A880 20DB/RD (LD 4WD)	FUSED B(+)
13	G303 20VT/DG (LD 4WD)	FRONT AXLE LOCK SIGNAL



**MODULE-TOTALLY INTEGRATED POWER C5**

MODULE-TOTALLY INTEGRATED POWER C5 - BLACK (HEADLAMP AND DASH) 10 WAY

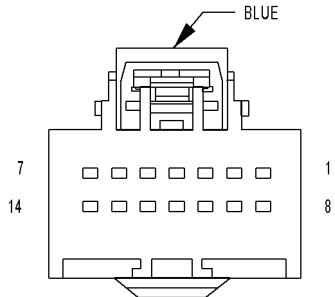
CAV	CIRCUIT	FUNCTION
1	L61 20WT/LG	LEFT FRONT TURN LAMP DRIVER
2	L60 20WT/TN	RIGHT FRONT TURN LAMP DRIVER
3	L34 20WT/GY	RIGHT HIGH BEAM DRIVER
4	L43 20WT/DB	LEFT LOW BEAM DRIVER
5	T340 20DG/VT (FULL TIME ETC)	INPUT SPEED SENSOR 2 (N3) SIGNAL
6	-	-
7	-	-
8	G31 20VT/LG	AAT SIGNAL
9	G930 20VT/TN	AAT RETURN
10	T71 20YL/OR (FULL TIME ETC)	INPUT SPEED SENSOR 2 (N3) RETURN



**MODULE-TOTALLY INTEGRATED POWER C6**

MODULE-TOTALLY INTEGRATED POWER C6 - BROWN (HEADLAMP AND DASH) 16 WAY

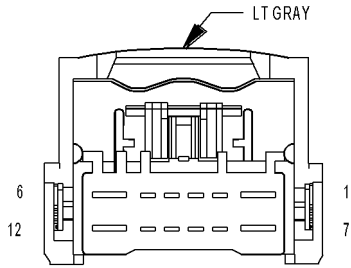
CAV	CIRCUIT	FUNCTION
1	D65 20WT/LG	CAN C BUS (+)
2	D52 20WT/LB	DIAGNOSTIC CAN C (+)
3	D55 20WT/OR	CAN B BUS (+)
4	L63 20WT/DG	LEFT REAR TURN LAMP DRIVER
5	-	-
6	L62 20WT/YL	RIGHT REAR TURN LAMP DRIVER
7	L50 20WT/TN	BRAKE LAMP SWITCH OUTPUT
8	-	-
9	D64 20WT/LB	CAN C BUS (-)
10	D51 20WT/BR	DIAGNOSTIC CAN C (-)
11	D54 20WT	CAN B BUS (-)
12	-	-
13	-	-
14	-	-
15	T70 20YL (FULL TIME ETC)	INPUT SPEED SENSOR 1 (N2) SIGNAL
16	T341 20DG/VT (FULL TIME ETC)	INPUT SPEED SENSOR 1 (N2) RETURN



**MODULE-TOTALLY INTEGRATED POWER C7**

MODULE-TOTALLY INTEGRATED POWER C7 - BLUE (HEADLAMP AND DASH) 14 WAY

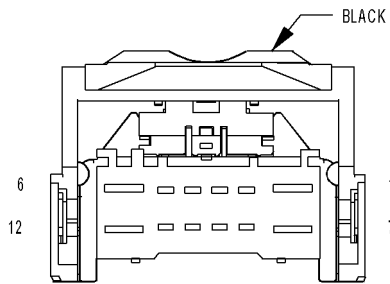
CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	L44 20WT/TN	RIGHT LOW BEAM DRIVER
4	L33 20WT/LG	LEFT HIGH BEAM DRIVER
5	-	-
6	-	-
7	C818 20LB/OR	A/C PRESSURE 5 VOLT SUPPLY
8	L10 20WT/GY (EXCEPT 5.9L/6.7L DIESEL A/T)	FUSED IGNITION SWITCH OUTPUT (RUN)
9	-	-
10	-	-
11	-	-
12	C18 20LB/BR	A/C PRESSURE SIGNAL
13	C918 20BK/LB	A/C PRESSURE GROUND
14	T751 20YL (NGC)	IGNITION SWITCH OUTPUT (START)



**MODULE-TOTALLY INTEGRATED POWER C8**

MODULE-TOTALLY INTEGRATED POWER C8 - LT GRAY (HEADLAMP AND DASH) 12 WAY

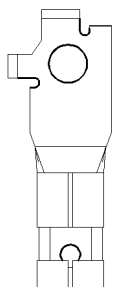
CAV	CIRCUIT	FUNCTION
1	-	-
2	A919 20RD	FUSED B(+)
3	A106 20LB/RD	FUSED B(+)
4	F201 20PK/OR	FUSED IGNITION SWITCH OUTPUT (RUN-START)
5	F100 20PK/VT	FUSED IGNITION SWITCH OUTPUT (RUN)
6	A100 14RD/VT (TRAILER TOW)	FUSED B(+)
7	A210 12OR/RD (EXCEPT BASE)	FUSED B(+)
8	A940 18RD (EXCEPT BASE)	FUSED B(+)
9	A103 18GY/RD	FUSED B(+)
10	L89 18WT/YL (EXCEPT BASE)	FOG LAMP CONTROL OUTPUT
11	L1 18WT/LG	BACKUP LAMP FEED
12	A961 12RD (DIESEL)	FUEL HEATER CONTROL OUTPUT
12	C123 14LB/WT (NGC)	CONDENSER FAN CONTROL OUTPUT



**MODULE-TOTALLY INTEGRATED POWER C9**

MODULE-TOTALLY INTEGRATED POWER C9 - BLACK (HEADLAMP AND DASH) 12 WAY

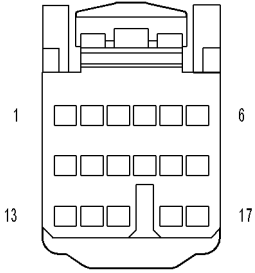
CAV	CIRCUIT	FUNCTION
1	A111 16DG/RD	FUSED B(+)
2	T750 14YL/GY	STARTER MOTOR CONTROL OUTPUT
3	C3 20DB/YL	A/C CLUTCH CONTROL OUTPUT
4	W4 16BR/OR	WIPER MOTOR HIGH SPEED FEED
5	A114 18GY/RD	FUSED B(+)
6	F30 10PK/YL (EXCEPT BASE)	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
7	-	-
8	L7 20WT/YL	FUSED PARK LAMP FEED
9	L678 18BR	FUSED PARK LAMP FEED
10	L70 20WT/GY	FUSED PARK LAMP FEED
11	-	-
12	A107 12TN/RD (AWAL)	FUSED B(+)



**MODULE-TOTALLY INTEGRATED POWER-EYELET (DIESEL)**

MODULE-TOTALLY INTEGRATED POWER-EYELET (DIESEL) - (BATTERY) 1 WAY

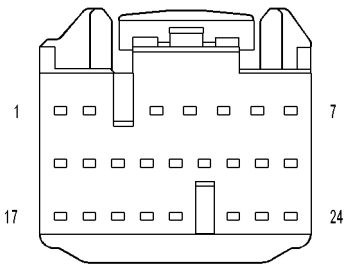
CAV	CIRCUIT	FUNCTION
1	A0 6RD	B(+)



**MODULE-  
TRANSMISSION  
CONTROL C1  
(RC)**

MODULE-TRANSMISSION CONTROL C1 (RC) - (HEADLAMP AND DASH) 17 WAY

CAV	CIRCUIT	FUNCTION
1	T52 20DG/OR	INPUT SPEED SENSOR SIGNAL
2	-	-
3	K427 18OR/LG	POWER TAKEOFF RELAY ENABLE
4	-	-
5	T803 20DG/BR	TRX-PRESS SW 4
6	T800 20DG/BR	TRX-PRESS SW 1
7	-	-
8	-	-
9	-	-
10	-	-
11	T804 20YL/DB	TRX-PRESS SW 5
12	T802 20DG/PK	TRX-PRESS SW 3
13	-	-
14	-	-
15	-	-
16	T805 20DG/OR	TRX-PRESS SW 6
17	T801 20DG/RD	TRX-PRESS SW 2

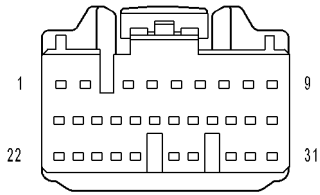


**MODULE-  
TRANSMISSION  
CONTROL C2  
(RC)**

MODULE-TRANSMISSION CONTROL C2 (RC) - (HEADLAMP AND DASH) 24 WAY

CAV	CIRCUIT	FUNCTION
1	T72 20YL/DB	SPEED SENSOR GROUND
2	T14 20DG/BR	OUTPUT SPEED SENSOR SIGNAL
3	T16 16YL/OR	TRANSMISSION CONTROL OUTPUT
4	T16 16YL/OR	TRANSMISSION CONTROL OUTPUT
5	-	-
6	-	-
7	A104 20YL/RD	FUSED B(+)
8	Z133 18BK/LG	GROUND
9	-	-
10	-	-
11	-	-
12	-	-
13	-	-
14	T6 20DG	TOW/HAUL OVERDRIVE OFF SWITCH SENSE
15	T54 20DG/OR	TRANSMISSION TEMPERATURE SENSOR SIGNAL
16	T819 20YL/VT	TORQUE CONVERTER OIL TEMPERATURE SIGNAL
17	Z133 18BK/LG	GROUND
18	-	-
19	T811 20DG/LB	TRX-SOL S4
20	D65 20WT/LG	CAN C BUS (+)
21	D64 20WT/LB	CAN C BUS (-)
22	-	-
23	-	-
24	-	-

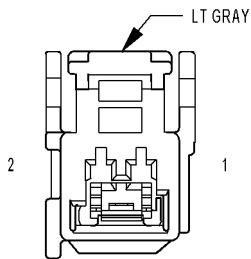




**MODULE-  
TRANSMISSION  
CONTROL C3  
(RC)**

MODULE-TRANSMISSION CONTROL C3 (RC) - (HEADLAMP AND DASH) 31 WAY

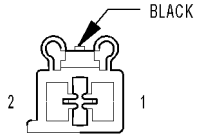
CAV	CIRCUIT	FUNCTION
1	T808 20DG/GY	TRX-SOL S1
2	-	-
3	T810 20DG/DB	TRX-SOL S3
4	-	-
5	T817 20YL/BR	TRX-LINEAR SOL 3 (+)
6	T812 20DG/TN	TRX-LINEAR SOL 1 (-)
7	T813 20DG/LG	TRX-LINEAR SOL 1 (+)
8	T815 20YL/RD	TRX-LINEAR SOL 2 (+)
9	T814 20YL/BR	TRX-LINEAR SOL 2 (-)
10	T806 20DG/VT	TRX-PRESS SW 7
11	-	-
12	-	-
13	-	-
14	-	-
15	T816 20YL/PK	TRX-LINEAR SOL 3 (-)
16	T828 20DG/DB	TRX-TRANS RANGE SW 1
17	T42 20DG/YL	TRS T42 SENSE
18	T3 20DG/DB	TRS T3 SENSE
19	T827 20DG/LB	TRX-TRANS RANGE SW DRIVE
20	T824 20YL/DB	TRX-TRANS RANGE SW PARK
21	T826 20DG/DB	TRX-TRANS RANGE SW REVERSE
22	T809 20DG/YL	TRX-SOL S2
23	-	-
24	-	-
25	-	-
26	T807 20DG/WT	TRX-PRESS SW 8
27	-	-
28	T820 20YL/WT	TORQUE CONVERTER OIL TEMPERATURE SIGNAL RETURN
29	T825 20DG/YL	TRX-TRANS RANGE SW NEUTRAL
30	T821 20YL/GY	TRX-LINEAR SOL 4 (+)
31	T818 20YL/OR	TRX-LINEAR SOL 4 (-)



**MOTOR-  
ADJUSTABLE  
PEDALS  
(EXCEPT BASE)**

MOTOR-ADJUSTABLE PEDALS (EXCEPT BASE) - LT GRAY (INSTRUMENT PANEL) 2 WAY

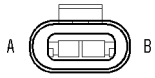
CAV	CIRCUIT	FUNCTION
1	P206 18LG/LB	ADJUSTABLE PEDALS MOTOR REVERSE
2	P205 18LG/WT	ADJUSTABLE PEDALS MOTOR FORWARD



**MOTOR-BLOWER**

MOTOR-BLOWER - BLACK (INSTRUMENT PANEL) 2 WAY

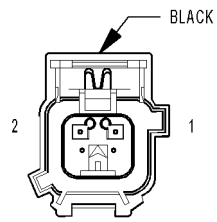
CAV	CIRCUIT	FUNCTION
1	C70 10DB/YL	BLOWER MOTOR HIGH DRIVER
2	F942 10DB	FUSED IGNITION SWITCH OUTPUT (RUN-START)



**MOTOR-CONDENSER FAN (GAS)**

MOTOR-CONDENSER FAN (GAS) - BLACK (HEADLAMP AND DASH) 2 WAY

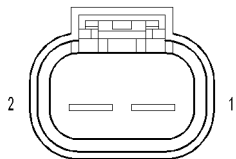
CAV	CIRCUIT	FUNCTION
A	Z823 14BK/DG	GROUND
B	C123 14LB/WT	CONDENSER FAN CONTROL OUTPUT



**MOTOR-IAC (4.7L)**

MOTOR-IAC (4.7L) - BLACK (ENGINE) 2 WAY

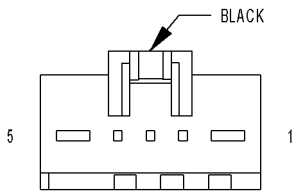
CAV	CIRCUIT	FUNCTION
1	K961 20BR/VT	IAC SIGNAL
2	K61 20VT/GY	IAC CONTROL



**MOTOR-POWER SLIDING BACKLITE (QUAD CAB/ EXCEPT BASE)**

MOTOR-POWER SLIDING BACKLITE (QUAD CAB/EXCEPT BASE) - (BODY) 2 WAY

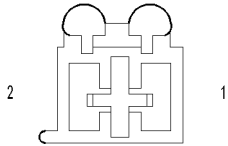
CAV	CIRCUIT	FUNCTION
1	Q950 12OR/LG	POWER BACKLITE OPEN (+)
2	Q951 12OR/VT	POWER BACKLITE OPEN (-)



**MOTOR-SEAT ADJUSTER-DRIVER HORIZONTAL (LD)**

MOTOR-SEAT ADJUSTER-DRIVER HORIZONTAL (LD) - BLACK (FRONT SEAT) 5 WAY

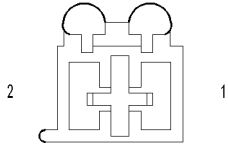
CAV	CIRCUIT	FUNCTION
1	P15 12LG/WT	DRIVER SEAT HORIZONTAL FORWARD DRIVER
2	-	-
3	-	-
4	-	-
5	P17 12LG/DG	DRIVER SEAT HORIZONTAL REARWARD DRIVER



**MOTOR-SEAT ADJUSTER-DRIVER HORIZONTAL (HD)**

MOTOR-SEAT ADJUSTER-DRIVER HORIZONTAL (HD) - (FRONT SEAT) 2 WAY

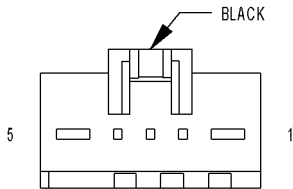
CAV	CIRCUIT	FUNCTION
1	P17 12LG/DG	DRIVER SEAT HORIZONTAL REARWARD DRIVER
2	P15 12LG/BR	DRIVER SEAT HORIZONTAL FORWARD DRIVER



**MOTOR-SEAT ADJUSTER-FRONT DRIVER VERTICAL (HD)**

MOTOR-SEAT ADJUSTER-FRONT DRIVER VERTICAL (HD) - (FRONT SEAT) 2 WAY

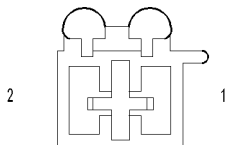
CAV	CIRCUIT	FUNCTION
1	P19 12LG/LB	DRIVER SEAT FRONT UP DRIVER
2	P21 12LG/TN	DRIVER SEAT FRONT DOWN DRIVER



**MOTOR-SEAT ADJUSTER-FRONT DRIVER VERTICAL (LD)**

MOTOR-SEAT ADJUSTER-FRONT DRIVER VERTICAL (LD) - BLACK (FRONT SEAT) 5 WAY

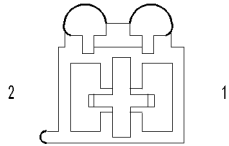
CAV	CIRCUIT	FUNCTION
1	P21 12LG/TN	DRIVER SEAT FRONT DOWN DRIVER
2	-	-
3	-	-
4	-	-
5	P19 12LG/LB	DRIVER SEAT FRONT UP DRIVER



**MOTOR-SEAT ADJUSTER-FRONT PASSENGER VERTICAL**

MOTOR-SEAT ADJUSTER-FRONT PASSENGER VERTICAL - (FRONT SEAT) 2 WAY

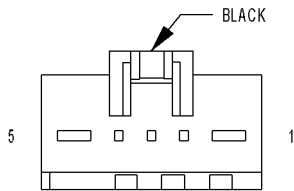
CAV	CIRCUIT	FUNCTION
1	P18 12LG/OR	PASSENGER SEAT FRONT DOWN DRIVER
2	P20 12LG/LB	PASSENGER SEAT FRONT UP DRIVER



**MOTOR-SEAT ADJUSTER-PASSENGER HORIZONTAL**

MOTOR-SEAT ADJUSTER-PASSENGER HORIZONTAL - (FRONT SEAT) 2 WAY

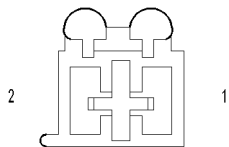
CAV	CIRCUIT	FUNCTION
1	P16 12LG/BR	PASSENGER SEAT HORIZONTAL REARWARD DRIVER
2	P14 12LG/OR	PASSENGER SEAT HORIZONTAL FORWARD DRIVER



**MOTOR-SEAT ADJUSTER-REAR DRIVER VERTICAL (LD)**

MOTOR-SEAT ADJUSTER-REAR DRIVER VERTICAL (LD) - BLACK (FRONT SEAT) 5 WAY

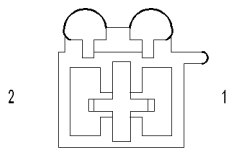
CAV	CIRCUIT	FUNCTION
1	P11 12LG/YL	DRIVER SEAT REAR UP DRIVER
2	-	-
3	-	-
4	-	-
5	P13 12LG/OR	DRIVER SEAT REAR DOWN DRIVER



**MOTOR-SEAT ADJUSTER-REAR DRIVER VERTICAL (HD)**

MOTOR-SEAT ADJUSTER-REAR DRIVER VERTICAL (HD) - (FRONT SEAT) 2 WAY

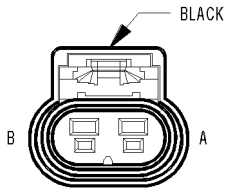
CAV	CIRCUIT	FUNCTION
1	P11 12LG/YL	DRIVER SEAT REAR UP DRIVER
2	P13 12LG/OR	DRIVER SEAT REAR DOWN DRIVER



**MOTOR-SEAT ADJUSTER-REAR PASSENGER VERTICAL**

MOTOR-SEAT ADJUSTER-REAR PASSENGER VERTICAL - (FRONT SEAT) 2 WAY

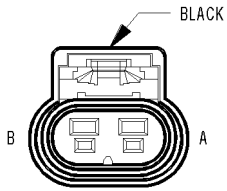
CAV	CIRCUIT	FUNCTION
1	P10 12LG/TN	PASSENGER SEAT REAR DOWN DRIVER
2	P12 12LG/YL	PASSENGER SEAT REAR UP DRIVER



**MOTOR-WINDOW-DRIVER**

MOTOR-WINDOW-DRIVER - BLACK (FRONT DOOR) 2 WAY

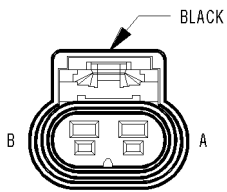
CAV	CIRCUIT	FUNCTION
A	Q21 140R/WT	DRIVER WINDOW DRIVER DOWN
B	Q11 140R/LG	DRIVER WINDOW DRIVER UP



**MOTOR-WINDOW-LEFT REAR**

MOTOR-WINDOW-LEFT REAR - BLACK (REAR DOOR) 2 WAY

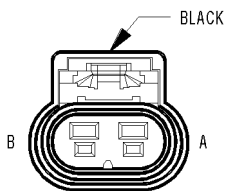
CAV	CIRCUIT	FUNCTION
A	Q211 14TN/LB	DRIVER REAR WINDOW DRIVER (DOWN)
B	Q111 14TN/YL	DRIVER REAR WINDOW DRIVER (UP)



**MOTOR-WINDOW-PASSENGER**

MOTOR-WINDOW-PASSENGER - BLACK (FRONT DOOR) 2 WAY

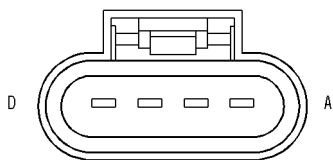
CAV	CIRCUIT	FUNCTION
A	Q22 120R/VT	PASSENGER WINDOW DRIVER DOWN
B	Q12 120R/BR	PASSENGER WINDOW DRIVER UP



**MOTOR-WINDOW-RIGHT REAR**

MOTOR-WINDOW-RIGHT REAR - BLACK (REAR DOOR) 2 WAY

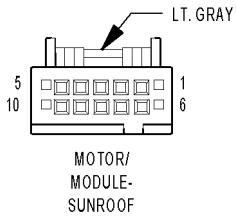
CAV	CIRCUIT	FUNCTION
A	Q212 14TN/LB	PASSENGER REAR WINDOW DRIVER (DOWN)
B	Q112 14TN/YL	PASSENGER REAR WINDOW DRIVER (UP)



**MOTOR-WINDSHIELD WIPER**

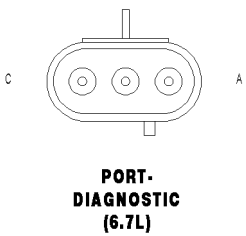
MOTOR-WINDSHIELD WIPER - (HEADLAMP AND DASH) 4 WAY

CAV	CIRCUIT	FUNCTION
A	W4 16BR/OR	WIPER MOTOR HIGH SPEED FEED
B	W3 18BR/WT	WIPER LOW SPEED CONTROL OUTPUT
C	Z103 16BK/WT	GROUND
D	W7 20BR/GY	WIPER PARK SWITCH SENSE



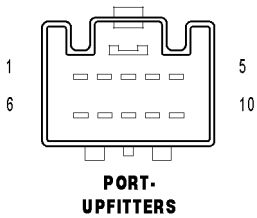
MOTOR/MODULE-SUNROOF - LT. GRAY (HEADLINER) 10 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	Q4 200R/YL	SUNROOF VENT SWITCH SENSE
3	Q3 200R/TN	SUNROOF OPEN SWITCH SENSE
4	D54 20WT	CAN B BUS (-)
5	D55 20WT/OR	CAN B BUS (+)
6	Z964 14BK	GROUND
7	Q5 200R/LB	SUNROOF CLOSE SWITCH SENSE
8	A310 14RD/LB	FUSED B(+)
9	-	-
10	Q6 200R/LG	SUNROOF SWITCH SUPPLY



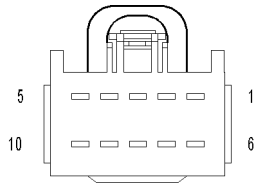
PORT-DIAGNOSTIC (6.7L) - (ENGINE JUMPER) 3 WAY

CAV	CIRCUIT	FUNCTION
A	D132 18WT	DIAGNOSTIC PORT LOW DATA LINK
B	D133 18WT/OR	DIAGNOSTIC PORT HIGH DATA LINK
C	-	-



PORT-UPFITTERS - (CHASSIS JUMPER) 10 WAY

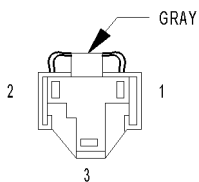
CAV	CIRCUIT	FUNCTION
1	G113 18PK/YL (5.7L GAS)	PTO SENSE
1	F923 16PK/YL (6.7L DIESEL A/T)	RUN RELAY OUTPUT
1	K425 16PK/YL (6.7L DIESEL M/T)	IN CAB POWER TAKEOFF SWITCH INPUT
2	V937 18VT/BR (6.7L DIESEL M/T)	S/C SWITCH RETURN
3	G425 18VT/YL	POWER TAKEOFF SYSTEM STATUS BULB
4	F922 16PK/RD	FUSED IGNITION SWITCH OUTPUT (RUN)
5	A423 14PK	FUSED B(+)
6	A423 14PK	FUSED B(+)
7	A422 14RD	FUSED B(+)
8	A422 14RD	FUSED B(+)
9	A426 14VT	FUSED B(+)
10	-	-



**PORT-UPFITTERS**

PORT-UPFITTERS - (HEADLAMP AND DASH) 10 WAY

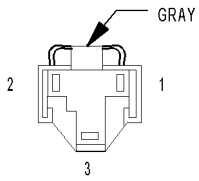
CAV	CIRCUIT	FUNCTION
1	F923 16PK/YL	RUN RELAY OUTPUT
2	V937 18VT/BR	S/C SWITCH RETURN
3	G425 18VT/YL	POWER TAKEOFF SYSTEM STATUS BULB
4	F922 16PK/RD	FUSED IGNITION SWITCH OUTPUT (RUN)
5	A423 14PK	FUSED B(+)
6	A423 14PK	FUSED B(+)
7	A422 14RD	FUSED B(+)
8	A422 14RD	FUSED B(+)
9	A426 14VT	FUSED B(+)
10	-	-



**POWER OUTLET**

POWER OUTLET - GRAY (INSTRUMENT PANEL) 3 WAY

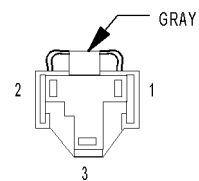
CAV	CIRCUIT	FUNCTION
1	A205 18RD/OR	FUSED B(+)
2	-	-
3	Z737 18BK/LB	GROUND



**POWER OUTLET-CONSOLE**

POWER OUTLET-CONSOLE - GRAY (CONSOLE) 3 WAY

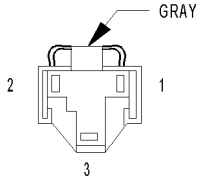
CAV	CIRCUIT	FUNCTION
1	A405 18BR (BENCH)	FUSED B(+)
1	A405 18RD/DB (UPPER CONSOLE)	FUSED B(+)
2	-	-
3	Z939 18BK	GROUND



**POWER OUTLET-INSTRUMENT PANEL**

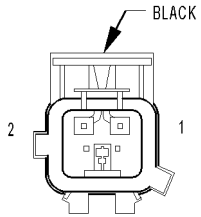
POWER OUTLET-INSTRUMENT PANEL - GRAY (INSTRUMENT PANEL) 3 WAY

CAV	CIRCUIT	FUNCTION
1	F984 18PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
2	-	-
3	Z736 18BK/YL	GROUND



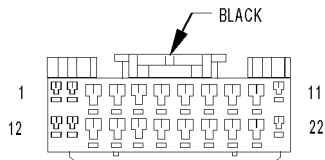
**POWER  
OUTLET-  
LOWER  
CONSOLE**

POWER OUTLET-LOWER CONSOLE - (CONSOLE) 3 WAY		
CAV	CIRCUIT	FUNCTION
1	A405 18BR (BENCH)	FUSED B(+)
1	F984 16PK/YL (LOWER BUCKET)	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
1	A405 18RD/DB (UPPER BUCKET)	FUSED B(+)
2	-	-
3	Z939 18BK	GROUND



**PUMP-  
WASHER-  
WINDSHIELD**

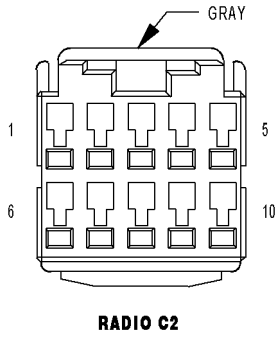
PUMP-WASHER-WINDSHIELD - BLACK (HEADLAMP AND DASH) 2 WAY		
CAV	CIRCUIT	FUNCTION
1	Z945 20BK	GROUND
2	W10 20BR	WASHER PUMP MOTOR CONTROL



**RADIO C1**

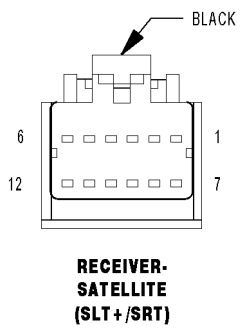
RADIO C1 - BLACK (INSTRUMENT PANEL) 22 WAY		
CAV	CIRCUIT	FUNCTION
1	A114 18GY/RD	FUSED B(+)
2	-	-
3	-	-
4	X716 20GY/TN (HANDS FREE)	LEFT AUDIO OUTPUT
5	D55 20WT/OR	CAN B BUS (+)
6	D54 20WT	CAN B BUS (-)
7	X154 18GY/YL (BASE)	RIGHT FRONT DOOR SPEAKER (+)
8	X156 18GY/LB (BASE)	RIGHT FRONT DOOR SPEAKER (-)
9	X155 18DG/LB (BASE)	LEFT FRONT DOOR SPEAKER (-)
10	X153 18DG/YL (BASE)	LEFT FRONT DOOR SPEAKER (+)
11	Z514 18BK/LG	GROUND
12	A114 18GY/RD	FUSED B(+)
13	-	-
14	-	-
15	-	-
16	X776 20TN/GY (HANDS FREE)	RIGHT AUDIO OUTPUT
17	X795 20DG (HANDS FREE)	COMMON AUDIO OUTPUT
18	X205 18GY/LG (BASE)	LEFT REAR SPEAKER (+)
18	X51 20DG/DB (PREMIUM)	LEFT REAR SPEAKER (+)
19	X295 18GY/DG (BASE)	LEFT REAR SPEAKER (-)
19	X57 20DG/OR (PREMIUM)	LEFT REAR SPEAKER (-)
20	X296 18DG/GY (BASE)	RIGHT REAR SPEAKER (-)
20	X58 20GY/OR (PREMIUM)	RIGHT REAR SPEAKER (-)
21	X206 18DG/LG (BASE)	RIGHT REAR SPEAKER (+)
21	X52 20GY/DB (PREMIUM)	RIGHT REAR SPEAKER (+)
22	Z515 18BK	GROUND





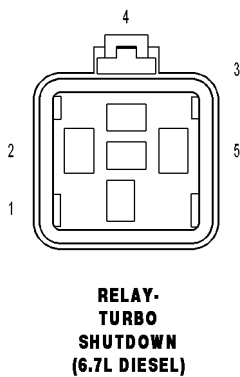
RADIO C2 - GRAY (INSTRUMENT PANEL) 10 WAY

CAV	CIRCUIT	FUNCTION
1	X16 20DG/YL	AUDIO SIGNAL RIGHT (+)
2	X917 20DG	AUDIO SIGNAL COMMON
3	-	-
4	X510 18DG/LB	RIGHT AUDIO AUX
5	X916 20GY/OR	SDARS AUDIO RETURN
6	X17 20DG/OR	AUDIO SIGNAL LEFT (+)
7	X910 18GY/DG	AUX AUDIO RETURN
8	X511 18GY/LG	LEFT AUDIO AUX
9	X521 18GY/LB	LEFT AUDIO AUX
10	X522 18GY/DB	RIGHT AUDIO AUX



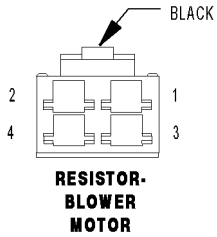
RECEIVER-SATELLITE (SLT) - BLACK (INSTRUMENT PANEL) 12 WAY

CAV	CIRCUIT	FUNCTION
1	X17 20DG/OR	AUDIO SIGNAL LEFT (+)
2	-	-
3	-	-
4	Z960 18BK	GROUND
5	-	-
6	A114 18GY/RD	FUSED B(+)
7	X16 20DG/YL	AUDIO SIGNAL RIGHT (+)
8	X917 20DG	AUDIO SIGNAL COMMON
9	-	-
10	-	-
11	D55 20WT/OR	CAN B BUS (+)
12	D54 20WT	CAN B BUS (-)



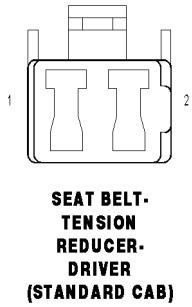
RELAY-TURBO SHUTDOWN (6.7L DIESEL) - (HEADLAMP AND DASH) 5 WAY

CAV	CIRCUIT	FUNCTION
1	A118 18RD/OR	FUSED B(+)
2	A118 18RD/OR	FUSED B(+)
3	-	-
4	F348 16PK/OR	SMART POWER RELAY FEED
5	K348 18BR	SMART POWER RELAY RETURN



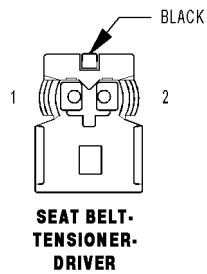
RESISTOR-BLOWER MOTOR - BLACK (HVAC) 4 WAY

CAV	CIRCUIT	FUNCTION
1	C72 16DB/OR	BLOWER MOTOR M1 DRIVER
2	C70 12DB/YL	BLOWER MOTOR HIGH DRIVER
3	C71 16DB/BR	BLOWER MOTOR LOW DRIVER
4	C73 14DB/VT	BLOWER MOTOR M2 DRIVER



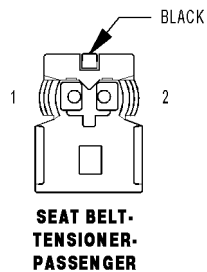
SEAT BELT-TENSION REDUCER-DRIVER (STANDARD CAB) - (BODY) 2 WAY

CAV	CIRCUIT	FUNCTION
1	F983 20PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
2	R57 20LG/GY	DRIVER SEAT BELT SWITCH SENSE



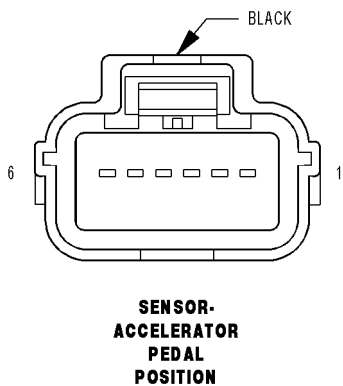
SEAT BELT-TENSIONER-DRIVER - BLACK (BODY) 2 WAY

CAV	CIRCUIT	FUNCTION
1	R55 20LG/DG	DRIVER SEAT BELT TENSIONER LINE 1
2	R53 20LG/YL	DRIVER SEAT BELT TENSIONER LINE 2



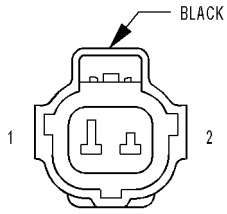
SEAT BELT-TENSIONER-PASSENGER - BLACK (BODY) 2 WAY

CAV	CIRCUIT	FUNCTION
1	R56 20LB/DG	PASSENGER SEAT BELT TENSIONER LINE 1
2	R54 20LB/YL	PASSENGER SEAT BELT TENSIONER LINE 2



SENSOR-ACCELERATOR PEDAL POSITION - BLACK (HEADLAMP AND DASH) 6 WAY

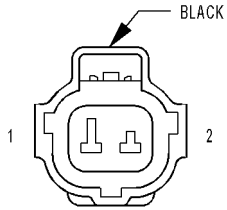
CAV	CIRCUIT	FUNCTION
1	F855 20PK/YL (3.7L/5.7L)	5 VOLT SUPPLY
1	K852 20BR/VT (DIESEL)	5 VOLT SUPPLY
2	K23 20BR/WT	APPS NO. 1 SIGNAL
3	K167 20BR/YL	APPS NO. 1 RETURN
4	K400 20BR/VT	APPS NO. 2 RETURN
5	K29 20WT/BR	APPS NO. 2 SIGNAL
6	F856 20YL/PK (3.7L/5.7L)	5 VOLT SUPPLY
6	K854 20VT/BR (DIESEL)	5 VOLT SUPPLY



**SENSOR-  
AMBIENT AIR  
TEMPERATURE**

SENSOR-AMBIENT AIR TEMPERATURE - BLACK (HEADLAMP AND DASH) 2 WAY

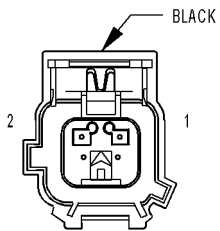
CAV	CIRCUIT	FUNCTION
1	G31 20VT/LG	AAT SIGNAL
2	G930 20VT/TN	AAT RETURN



**SENSOR-  
BATTERY  
TEMPERATURE  
(DIESEL)**

SENSOR-BATTERY TEMPERATURE (DIESEL) - BLACK (HEADLAMP AND DASH) 2 WAY

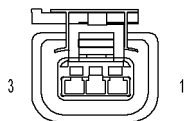
CAV	CIRCUIT	FUNCTION
1	K25 20DB/VT	BATT TEMP SIGNAL
2	K900 20DB/DG	SENSOR GROUND



**SENSOR-  
BRAKE  
FLUID  
LEVEL**

SENSOR-BRAKE FLUID LEVEL - BLACK (HEADLAMP AND DASH) 2 WAY

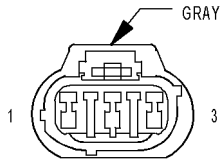
CAV	CIRCUIT	FUNCTION
1	B20 20DG/OR	BRAKE FLUID LEVEL SWITCH SENSE
2	Z420 20BK/OR	GROUND



**SENSOR-  
CAMSHAFT  
POSITION  
(DIESEL)**

SENSOR-CAMSHAFT POSITION (DIESEL) - (ENGINE) 3 WAY

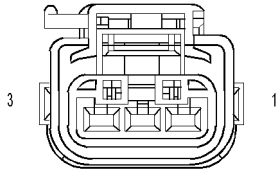
CAV	CIRCUIT	FUNCTION
1	F855 18PK/YL	5 VOLT SUPPLY
2	K944 18BK/GY (5.9L)	CMP SENSOR GROUND
2	K916 18BR/OR (6.7L)	SENSOR GROUND
3	K44 18DB/GY	CMP SIGNAL



**SENSOR-CAMSHAFT POSITION (GAS)**

SENSOR-CAMSHAFT POSITION (GAS) - GRAY (ENGINE) 3 WAY

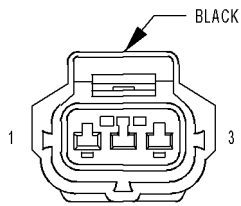
CAV	CIRCUIT	FUNCTION
1	K44 20DB/GY	CMP SIGNAL
2	K900 20DB/DG	SENSOR GROUND
3	F856 20YL/PK	5 VOLT SUPPLY



**SENSOR-CRANKCASE (6.7L DIESEL)**

SENSOR-CRANKCASE (6.7L DIESEL) - (ENGINE) 3 WAY

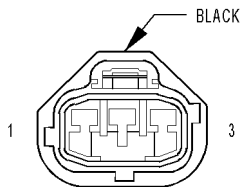
CAV	CIRCUIT	FUNCTION
1	F855 18PK/YL	5 VOLT SUPPLY
2	K916 18BR/OR	SENSOR GROUND
3	K926 18DB/GY	CRANKCASE SENSOR SIGNAL



**SENSOR-CRANKSHAFT POSITION (3.7L)**

SENSOR-CRANKSHAFT POSITION (3.7L) - BLACK (ENGINE) 3 WAY

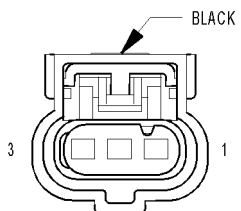
CAV	CIRCUIT	FUNCTION
1	K24 20BR/LB	CKP SIGNAL
2	K900 20DB/DG	SENSOR GROUND
3	F855 20PK/YL	5 VOLT SUPPLY



**SENSOR-CRANKSHAFT POSITION (4.7L)**

SENSOR-CRANKSHAFT POSITION (4.7L) - BLACK (ENGINE) 3 WAY

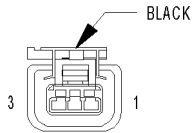
CAV	CIRCUIT	FUNCTION
1	K24 20BR/LB	CKP SIGNAL
2	K900 20DB/DG	SENSOR GROUND
3	F855 20PK/YL	5 VOLT SUPPLY



**SENSOR-CRANKSHAFT POSITION (5.7L)**

SENSOR-CRANKSHAFT POSITION (5.7L) - BLACK (ENGINE) 3 WAY

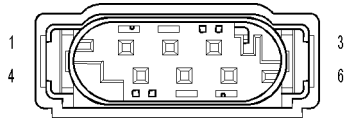
CAV	CIRCUIT	FUNCTION
1	F855 20PK/YL	5 VOLT SUPPLY
2	K900 20DB/DG	SENSOR GROUND
3	K24 20BR/LB	CKP SIGNAL



**SENSOR-CRANKSHAFT POSITION (DIESEL)**

SENSOR-CRANKSHAFT POSITION (DIESEL) - BLACK (ENGINE) 3 WAY

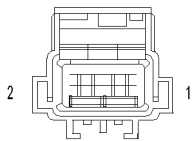
CAV	CIRCUIT	FUNCTION
1	K853 18DB/BR (5.9L)	5 VOLT SUPPLY
1	K824 18DB/BR (6.7L)	5 VOLT SUPPLY
2	K975 18BR/OR (5.9L)	CKP SENSOR GROUND
2	K925 18BR/OR (6.7L)	CKP SENSOR GROUND
3	K24 18BR/LB	CKP SIGNAL



**SENSOR-DYNAMICS**

SENSOR-DYNAMICS - (INSTRUMENT PANEL) 6 WAY

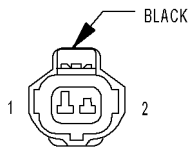
CAV	CIRCUIT	FUNCTION
1	F960 20PK/LG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
2	D465 20WT/GY	DYNAMICS SENSOR HIGH DATA LINK
3	D464 20WT/OR	DYNAMICS SENSOR LOW DATA LINK
4	-	-
5	-	-
6	Z608 20BK/LG	GROUND



**SENSOR-EGR ORIFICE TEMPERATURE (6.7L)**

SENSOR-EGR ORIFICE TEMPERATURE (6.7L) - (ENGINE) 2 WAY

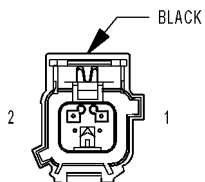
CAV	CIRCUIT	FUNCTION
1	K914 18BR/WT	SENSOR GROUND
2	K935 18DB	EGR ORIFICE TEMPERATURE SENSOR SIGNAL



**SENSOR-ENGINE COOLANT TEMPERATURE (3.7L/4.7L)**

SENSOR-ENGINE COOLANT TEMPERATURE (3.7L/4.7L) - BLACK (ENGINE) 2 WAY

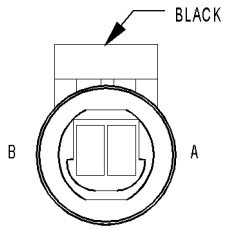
CAV	CIRCUIT	FUNCTION
1	K2 20VT/OR	ECT SIGNAL
2	K900 20DB/DG	SENSOR GROUND



**SENSOR-ENGINE COOLANT TEMPERATURE (5.7L/SRT)**

SENSOR-ENGINE COOLANT TEMPERATURE (5.7L) - BLACK (ENGINE) 2 WAY

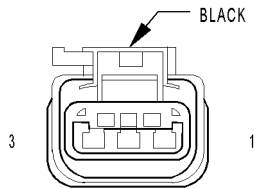
CAV	CIRCUIT	FUNCTION
1	K2 20VT/OR	ECT SIGNAL
2	K900 20DB/DG	SENSOR GROUND



**SENSOR-  
ENGINE  
COOLANT  
TEMPERATURE  
(DIESEL)**

SENSOR-ENGINE COOLANT TEMPERATURE (DIESEL) - BLACK (ENGINE) 2 WAY

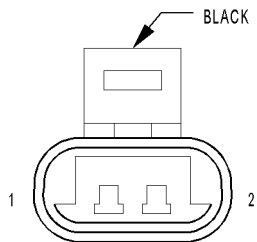
CAV	CIRCUIT	FUNCTION
A	K200 18BR/YL (5.9L)	SENSOR GROUND
A	K914 18BK/WT (6.7L)	SENSOR GROUND
B	K2 18VT/OR	ECT SIGNAL



**SENSOR-  
ENGINE OIL  
PRESSURE  
(5.7L A/T)**

SENSOR-ENGINE OIL PRESSURE (5.7L A/T) - BLACK (ENGINE) 3 WAY

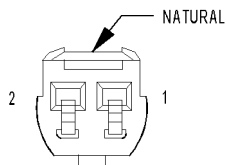
CAV	CIRCUIT	FUNCTION
1	F855 20PK/YL	5 VOLT SUPPLY
2	G6 16VT/GY	OIL PRESSURE SIGNAL
3	K900 20DB/DG	SENSOR GROUND



**SENSOR-  
ENGINE OIL  
TEMPERATURE  
(5.7L A/T)**

SENSOR-ENGINE OIL TEMPERATURE (5.7L A/T) - BLACK (ENGINE) 2 WAY

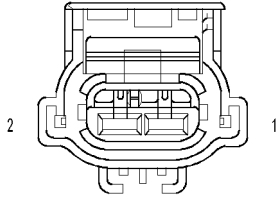
CAV	CIRCUIT	FUNCTION
1	G24 20VT/BR	OIL TEMPERATURE SENSOR SIGNAL
2	K900 20DB/DG	SENSOR GROUND



**SENSOR-  
EVAPORATOR  
TEMPERATURE**

SENSOR-EVAPORATOR TEMPERATURE - NATURAL (HVAC) 2 WAY

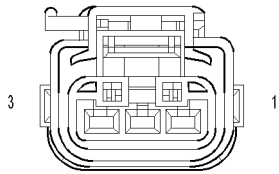
CAV	CIRCUIT	FUNCTION
1	C121 20DB/DG	SENSOR GROUND
2	C21 20DB/LG	EVAPORATOR TEMPERATURE SENSOR SIGNAL



**SENSOR-EXHAUST  
OUTLET  
TEMPERATURE  
(DIESEL)**

SENSOR-EXHAUST OUTLET TEMPERATURE (DIESEL) - (TRANSMISSION) 2 WAY

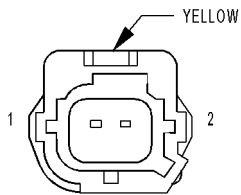
CAV	CIRCUIT	FUNCTION
1	K372 18BR/DG	EXHAUST OUTLET TEMPERATURE SENSOR SIGNAL
2	K900 18DB/DG	SENSOR GROUND



**SENSOR-EXHAUST  
PRESSURE  
(6.7L)**

SENSOR-EXHAUST PRESSURE (6.7L) - (ENGINE) 3 WAY

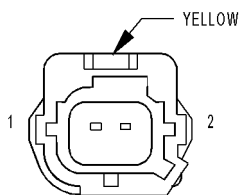
CAV	CIRCUIT	FUNCTION
1	F855 18PK/YL	5 VOLT SUPPLY
2	K916 18BR/OR	SENSOR GROUND
3	K355 18BR/DG	EXHAUST DIFFERENTIAL PRESSURE SENSOR SIGNAL



**SENSOR-FRONT  
IMPACT-  
LEFT**

SENSOR-FRONT IMPACT-LEFT - YELLOW (HEADLAMP AND DASH) 2 WAY

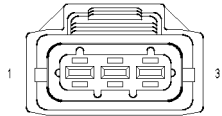
CAV	CIRCUIT	FUNCTION
1	R81 20LB/WT	LEFT FRONT IMPACT SENSOR GROUND
2	R79 20LB/VT	LEFT FRONT IMPACT SENSOR SIGNAL



**SENSOR-FRONT  
IMPACT-  
RIGHT**

SENSOR-FRONT IMPACT-RIGHT - YELLOW (HEADLAMP AND DASH) 2 WAY

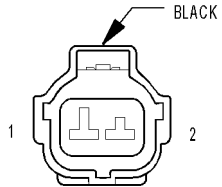
CAV	CIRCUIT	FUNCTION
1	R82 20WT/LB	RIGHT FRONT IMPACT SENSOR GROUND
2	R80 20VT/LB	RIGHT FRONT IMPACT SENSOR SIGNAL



**SENSOR-FUEL RAIL PRESSURE (DIESEL)**

SENSOR-FUEL RAIL PRESSURE (DIESEL) - (ENGINE) 3 WAY

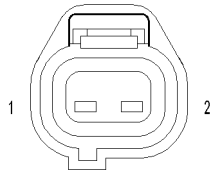
CAV	CIRCUIT	FUNCTION
1	K915 18BR/WT (5.9L)	FUEL RAIL SENSOR RETURN
1	K916 18BR/OR (6.7L)	SENSOR GROUND
2	K181 18BR/YL	FUEL RAIL SENSOR SIGNAL
3	F855 18PK/YL	5 VOLT SUPPLY



**SENSOR-INPUT SPEED (RFE/RLE)**

SENSOR-INPUT SPEED (RFE/RLE) - BLACK (TRANSMISSION) 2 WAY

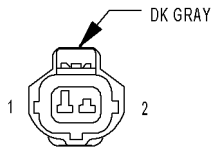
CAV	CIRCUIT	FUNCTION
1	T52 20DG/OR	INPUT SPEED SENSOR SIGNAL
2	T13 20DG/VT	SPEED SENSOR GROUND



**SENSOR-INPUT SPEED (RC)**

SENSOR-INPUT SPEED (RC) - (TRANSMISSION) 2 WAY

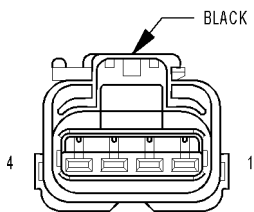
CAV	CIRCUIT	FUNCTION
1	T52 20DG/OR	INPUT SPEED SENSOR SIGNAL
2	T72 20YL/DB	SPEED SENSOR GROUND



**SENSOR-INTAKE AIR TEMPERATURE (GAS)**

SENSOR-INTAKE AIR TEMPERATURE (GAS) - DK GRAY (ENGINE) 2 WAY

CAV	CIRCUIT	FUNCTION
1	K21 20DB/LG	IAT SIGNAL
2	K900 20DB/DG	SENSOR GROUND

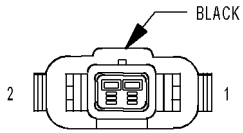


**SENSOR-KNOCK (4.7L)**

SENSOR-KNOCK (4.7L) - BLACK (ENGINE) 4 WAY

CAV	CIRCUIT	FUNCTION
1	K942 20BR/LG	KNOCK SENSOR NO. 1 RETURN
2	K42 20DB/YL	KNOCK SENSOR NO. 1 SIGNAL
3	K924 20WT/BR	KNOCK SENSOR NO. 2 RETURN
4	K242 20BR/WT	KNOCK SENSOR NO. 2 SIGNAL

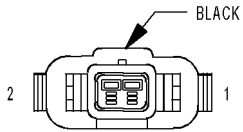




**SENSOR-KNOCK NO. 1 (3.7L/5.7L)**

SENSOR-KNOCK NO. 1 (3.7L/5.7L) - BLACK (ENGINE) 2 WAY

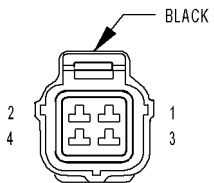
CAV	CIRCUIT	FUNCTION
1	K42 20DB/YL	KNOCK SENSOR NO. 1 SIGNAL
2	K942 20BR/LG	KNOCK SENSOR NO. 1 RETURN



**SENSOR-KNOCK NO. 2 (3.7L/5.7L)**

SENSOR-KNOCK NO. 2 (3.7L/5.7L) - BLACK (ENGINE) 2 WAY

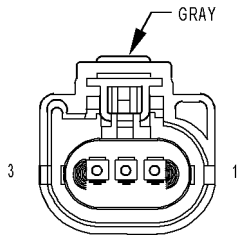
CAV	CIRCUIT	FUNCTION
1	K242 20BR/WT	KNOCK SENSOR NO. 2 SIGNAL
2	K924 20WT/BR	KNOCK SENSOR NO. 2 RETURN



**SENSOR-LINE PRESSURE (RFE)**

SENSOR-LINE PRESSURE (RFE) - BLACK (TRANSMISSION) 4 WAY

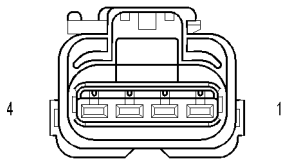
CAV	CIRCUIT	FUNCTION
1	K900 20DB/DG	SENSOR GROUND
2	F856 20YL/PK	5 VOLT SUPPLY
3	T38 20YL/BR	LINE PRESSURE SENSOR SIGNAL
4	-	-



**SENSOR-MAP (NGC)**

SENSOR-MAP (NGC) - GRAY (ENGINE) 3 WAY

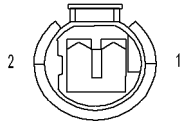
CAV	CIRCUIT	FUNCTION
1	K1 20VT/BR	MAP SIGNAL
2	K900 20DB/DG	SENSOR GROUND
3	F856 20YL/PK	5 VOLT SUPPLY



**SENSOR-MASS AIR FLOW (6.7L)**

SENSOR-MASS AIR FLOW (6.7L) - (ENGINE) 4 WAY

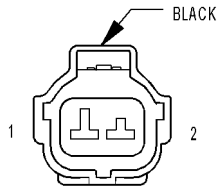
CAV	CIRCUIT	FUNCTION
1	K157 18BR/OR	MASS AIR FLOW SENSOR SIGNAL
2	F348 16PK/OR	SMART POWER RELAY FEED
3	K916 18BR/OR	SENSOR GROUND
4	-	-



**SENSOR-  
OUTPUT SPEED  
(RE)**

SENSOR-OUTPUT SPEED (RE) - (TRANSMISSION) 2 WAY

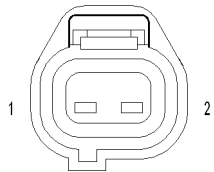
CAV	CIRCUIT	FUNCTION
1	T14 18DG/BR	OUTPUT SPEED SENSOR SIGNAL
2	T13 18DG/VT	SPEED SENSOR GROUND



**SENSOR-  
OUTPUT SPEED  
(RFE/RLE)**

SENSOR-OUTPUT SPEED (RFE/RLE) - BLACK (TRANSMISSION) 2 WAY

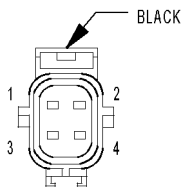
CAV	CIRCUIT	FUNCTION
1	T14 20DG/BR	OUTPUT SPEED SENSOR SIGNAL
2	T13 20DG/VT	SPEED SENSOR GROUND



**SENSOR-  
OUTPUT  
SPEED  
(RC)**

SENSOR-OUTPUT SPEED (RC) - (TRANSMISSION) 2 WAY

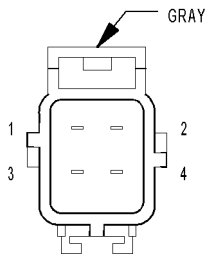
CAV	CIRCUIT	FUNCTION
1	T14 20DG/BR	OUTPUT SPEED SENSOR SIGNAL
2	T72 20YL/DB	SPEED SENSOR GROUND



**SENSOR-  
OXYGEN-  
LEFT  
FRONT  
(3.7L/5.7L)**

SENSOR-OXYGEN-LEFT FRONT (3.7L/5.7L) - BLACK (ENGINE) 4 WAY

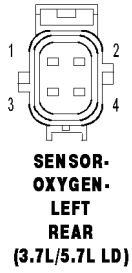
CAV	CIRCUIT	FUNCTION
1	K99 20BR/LG	O2 1/1 HEATER CONTROL
2	Z42 20BK/LG	GROUND
3	K902 20BR/DG	O2 RETURN (UPSTREAM)
4	K41 20DB/LB	O2 1/1 SIGNAL



**SENSOR-  
OXYGEN-  
LEFT  
FRONT  
(4.7L)**

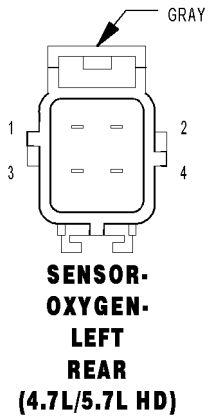
SENSOR-OXYGEN-LEFT FRONT (4.7L) - GRAY (ENGINE) 4 WAY

CAV	CIRCUIT	FUNCTION
1	K99 20BR/LG	O2 1/1 HEATER CONTROL
2	Z42 20BK/LG	GROUND
3	K902 20BR/DG	O2 RETURN (UPSTREAM)
4	K41 20DB/LB	O2 1/1 SIGNAL



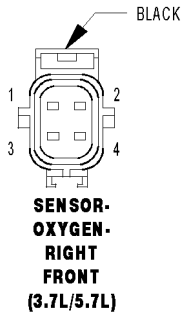
SENSOR-OXYGEN-LEFT REAR (3.7L/5.7L LD) - (ENGINE) 4 WAY

CAV	CIRCUIT	FUNCTION
1	K299 20BR/WT	O2 1/2 HEATER CONTROL
2	Z43 20BK/LB	GROUND
3	K904 20DB/DG	O2 RETURN (DOWNSTREAM)
4	K141 20DB/YL	O2 1/2 SIGNAL



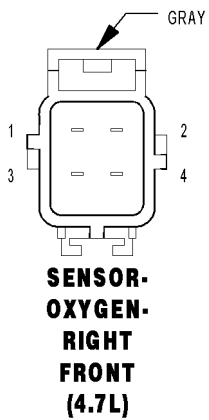
SENSOR-OXYGEN-LEFT REAR (4.7L/5.7L HD) - GRAY (ENGINE) 4 WAY

CAV	CIRCUIT	FUNCTION
1	K299 20BR/WT	O2 1/2 HEATER CONTROL
2	Z43 20BK/LB	GROUND
3	K904 20DB/DG	O2 RETURN (DOWNSTREAM)
4	K141 20DB/YL	O2 1/2 SIGNAL



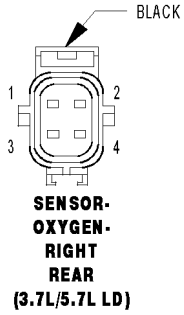
SENSOR-OXYGEN-RIGHT FRONT (3.7L/5.7L) - BLACK (ENGINE) 4 WAY

CAV	CIRCUIT	FUNCTION
1	K199 20BR/VT	O2 2/1 HEATER CONTROL
2	Z934 20BK	GROUND
3	K902 20BR/DG	O2 RETURN (UPSTREAM)
4	K43 20DB/LG	O2 2/1 SIGNAL



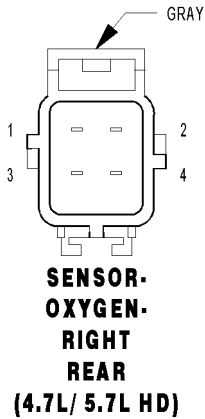
SENSOR-OXYGEN-RIGHT FRONT (4.7L) - GRAY (ENGINE) 4 WAY

CAV	CIRCUIT	FUNCTION
1	K199 20BR/VT	O2 2/1 HEATER CONTROL
2	Z934 20BK	GROUND
3	K902 20BR/DG	O2 RETURN (UPSTREAM)
4	K43 20DB/LG	O2 2/1 SIGNAL



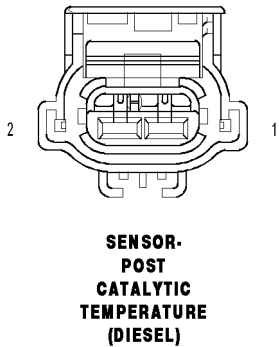
SENSOR-OXYGEN-RIGHT REAR (3.7L/5.7L LD) - BLACK (ENGINE) 4 WAY

CAV	CIRCUIT	FUNCTION
1	K399 20BR/GY	O2 2/2 HEATER CONTROL
2	Z992 20BK	GROUND
3	K904 20DB/DG	O2 RETURN (DOWNSTREAM)
4	K243 20BR	O2 2/2 SIGNAL



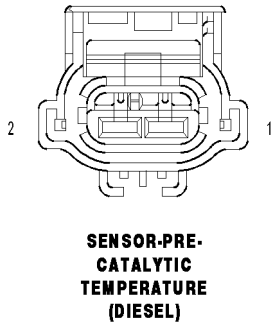
SENSOR-OXYGEN-RIGHT REAR (4.7L/5.7L HD) - GRAY (ENGINE) 4 WAY

CAV	CIRCUIT	FUNCTION
1	K399 20BR/GY	O2 2/2 HEATER CONTROL
2	Z992 20BK	GROUND
3	K904 20DB/DG	O2 RETURN (DOWNSTREAM)
4	K243 20BR	O2 2/2 SIGNAL



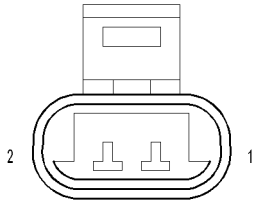
SENSOR-POST CATALYTIC TEMPERATURE (DIESEL) - (TRANSMISSION) 2 WAY

CAV	CIRCUIT	FUNCTION
1	K186 18BR/DG (5.9L)	POST CATALYST EXHAUST GAS TEMPERATURE SENSOR SIGNAL
1	K186 18BR/DB (6.7L)	POST CATALYST EXHAUST GAS TEMPERATURE SENSOR SIGNAL
2	K594 18BR/LG (5.9L)	DRIVETRAIN SENSOR RETURN
2	K900 18DB/DG (6.7L)	SENSOR GROUND



SENSOR-PRE-CATALYTIC TEMPERATURE (DIESEL) - (TRANSMISSION) 2 WAY

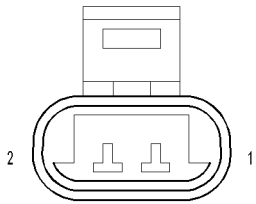
CAV	CIRCUIT	FUNCTION
1	K594 18BR/LG (5.9L)	DRIVETRAIN SENSOR RETURN
1	K185 18BR/LB (6.7L)	PRE-CATALYST EXHAUST GAS TEMPERATURE SENSOR SIGNAL
2	K900 20BD/DG (5.9L)	SENSOR GROUND
2	K900 18BD/DG (6.7L)	SENSOR GROUND



**SENSOR-PROP  
SHAFT  
SPEED-  
FRONT  
(FULL TIME ETC)**

SENSOR-PROP SHAFT SPEED-FRONT (FULL TIME ETC) - (ENGINE) 2 WAY

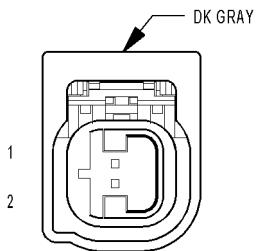
CAV	CIRCUIT	FUNCTION
1	T71 20YL/OR	INPUT SPEED SENSOR 2 (N3) RETURN
2	T340 20DG/VT	INPUT SPEED SENSOR 2 (N3) SIGNAL



**SENSOR-PROP  
SHAFT  
SPEED-  
REAR  
(FULL TIME ETC)**

SENSOR-PROP SHAFT SPEED-REAR (FULL TIME ETC) - (ENGINE) 2 WAY

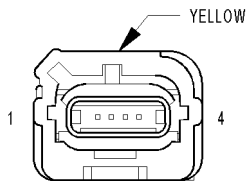
CAV	CIRCUIT	FUNCTION
1	T70 20YL	INPUT SPEED SENSOR 1 (N2) SIGNAL
2	T341 20DG/VT	INPUT SPEED SENSOR 1 (N2) RETURN



**SENSOR-SEAT  
TRACK  
POSITION-  
DRIVER**

SENSOR-SEAT TRACK POSITION-DRIVER - DK GRAY (SEAT) 2 WAY

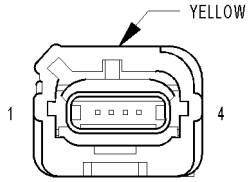
CAV	CIRCUIT	FUNCTION
1	R261 20LB/TN	DRIVER SEAT POSITION SENSOR DATA
2	R263 20LB/GY	DRIVER SEAT POSITION SENSOR VOLTAGE



**SENSOR-  
SIDE IMPACT-  
LEFT 1**

SENSOR-SIDE IMPACT-LEFT 1 - YELLOW (BODY) 4 WAY

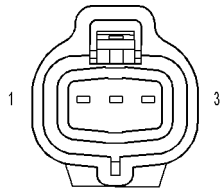
CAV	CIRCUIT	FUNCTION
1	R13 20LG/TN	LEFT SIDE IMPACT SENSOR 1 SIGNAL
2	R15 20LG/BR	LEFT SIDE IMPACT SENSOR 1 GROUND
3	-	-
4	-	-



**SENSOR-SIDE IMPACT-RIGHT 1**

SENSOR-SIDE IMPACT-RIGHT 1 - YELLOW (BODY) 4 WAY

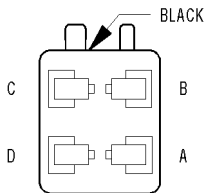
CAV	CIRCUIT	FUNCTION
1	R14 20TN/LG	RIGHT SIDE IMPACT SENSOR 1 SIGNAL
2	R16 20BR/LG	RIGHT SIDE IMPACT SENSOR 1 GROUND
3	-	-
4	-	-



**SENSOR-SOOT DELTA PRESSURE (6.7L)**

SENSOR-SOOT DELTA PRESSURE (6.7L) - (TRANSMISSION) 3 WAY

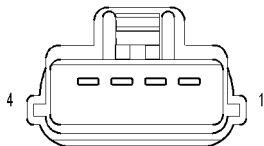
CAV	CIRCUIT	FUNCTION
1	K400 18BR/VT	APPS NO. 2 RETURN
2	K182 18BR/WT	SOOT DELTA PRESSURE SENSOR SIGNAL
3	K854 18VT/BR	5 VOLT SUPPLY



**SENSOR-STEERING ANGLE**

SENSOR-STEERING ANGLE - BLACK (INSTRUMENT PANEL) 4 WAY

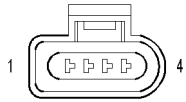
CAV	CIRCUIT	FUNCTION
A	D65 20WT/LG	CAN C BUS (+)
B	Z455 20BK/PK	GROUND
C	D64 20WT/LB	CAN C BUS (-)
D	F202 20PK/GY	FUSED IGNITION SWITCH OUTPUT (RUN-START)



**SENSOR-TEMPERATURE/PRESSURE INTAKE (6.7L)**

SENSOR-TEMPERATURE/PRESSURE INTAKE (6.7L) - (ENGINE) 4 WAY

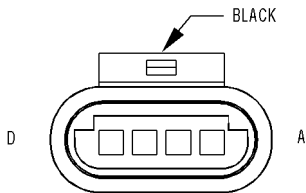
CAV	CIRCUIT	FUNCTION
1	K616 18BR/YL	INLET AIR PRESSURE SENSE
2	F855 18PK/YL	5 VOLT SUPPLY
3	K615 18VT/WT	INLET AIR TEMPERATURE SENSE
4	K916 18BR/OR	SENSOR GROUND



**SENSOR-TEMPERATURE/PRESSURE INTAKE (5.9L)**

SENSOR-TEMPERATURE/PRESSURE-INTAKE (5.9L) - (ENGINE) 4 WAY

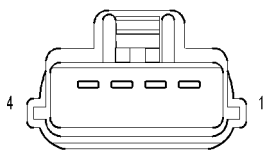
CAV	CIRCUIT	FUNCTION
1	K690 18BR/YL	SENSOR GROUND
2	K615 18VT/WT	INLET AIR TEMPERATURE SENSE
3	K668 18BR	5 VOLT SUPPLY
4	K616 18BR/YL	INLET AIR PRESSURE SENSE



**SENSOR-TEMPERATURE/PRESSURE-MAP (5.9L)**

SENSOR-TEMPERATURE/PRESSURE-MAP (5.9L) - BLACK (ENGINE) 4 WAY

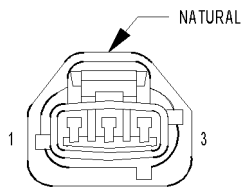
CAV	CIRCUIT	FUNCTION
A	K210 18DB/TN	SENSOR GROUND
B	K21 18DB/LG	INTAKE AIR TEMPERATURE SENSOR SIGNAL
C	F855 18PK/YL	5 VOLT SUPPLY
D	K37 18LB	BOOST PRESSURE SENSOR SIGNAL



**SENSOR-TEMPERATURE/PRESSURE-MAP (6.7L)**

SENSOR-TEMPERATURE/PRESSURE-MAP (6.7L) - (ENGINE) 4 WAY

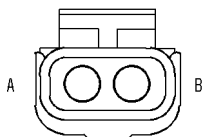
CAV	CIRCUIT	FUNCTION
1	K37 18BR	BOOST PRESSURE SENSOR SIGNAL
2	F855 18PK/YL	5 VOLT SUPPLY
3	K21 18DB/LG	INTAKE AIR TEMPERATURE SENSOR SIGNAL
4	K916 18BR/OR	SENSOR GROUND



**SENSOR-THROTTLE POSITION (4.7L)**

SENSOR-THROTTLE POSITION (4.7L) - NATURAL (ENGINE) 3 WAY

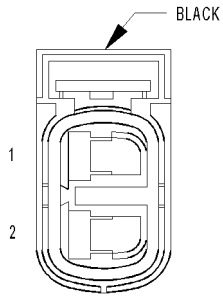
CAV	CIRCUIT	FUNCTION
1	F855 20PK/YL	5 VOLT SUPPLY
2	K22 20BR/OR	TP NO. 1 SIGNAL
3	K900 20DB/DG	SENSOR GROUND



**SENSOR-TRANSFER CASE POSITION (MTC EXCEPT POWER WAGON)**

SENSOR-TRANSFER CASE POSITION (MTC EXCEPT POWER WAGON) - (TRANSMISSION) 2 WAY

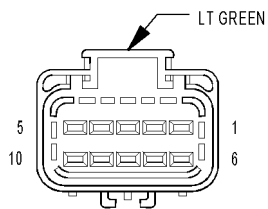
CAV	CIRCUIT	FUNCTION
A	D201 20WT/DG (5.7L HD/6.7L DIESEL)	MODE SENSOR A
A	D201 18WT/DG (5.9L)	MODE SENSOR A
B	Z955 18BK (DIESEL)	GROUND
B	Z901 20BK (EXCEPT DIESEL)	GROUND



**SENSOR-TRANSFER CASE POSITION (MTC POWER WAGON)**

SENSOR-TRANSFER CASE POSITION (MTC POWER WAGON) - BLACK (TRANSMISSION) 2 WAY

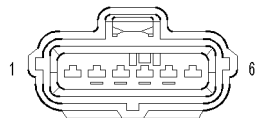
CAV	CIRCUIT	FUNCTION
1	D201 20WT/DG	MODE SENSOR A
2	G180 20VT/YL	SENSOR RETURN



**SENSOR-TRANSMISSION RANGE (RLE)**

SENSOR-TRANSMISSION RANGE (RLE) - LT GREEN (ENGINE) 10 WAY

CAV	CIRCUIT	FUNCTION
1	T16 16YL/OR	TRANSMISSION CONTROL OUTPUT
2	-	-
3	K900 20DB/DG	SENSOR GROUND
4	T54 20DG/OR	TRANSMISSION TEMPERATURE SENSOR SIGNAL
5	-	-
6	-	-
7	T1 20DG/LB	TRS T1 SENSE
8	T3 20DG/DB	TRS T3 SENSE
9	T42 20DG/YL	TRS T42 SENSE
10	T41 20YL/DB	TRS T41 SENSE

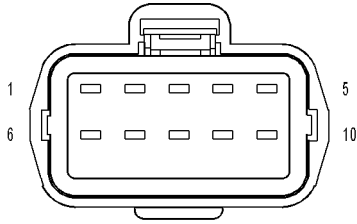


**SENSOR-TRANSMISSION RANGE (RE)**

SENSOR-TRANSMISSION RANGE (RE) - (TRANSMISSION) 6 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	T117 20DG/YL	TRANS RANGE SENSOR ELECTRONIC CLUSTER 5 VOLT SUPPLY
3	-	-
4	-	-
5	T917 20YL/TN	TRANS RANGE SENSOR ELECTRONIC CLUSTER 5 VOLT SUPPLY
6	T41 20YL/DB	TRS T41 SENSE

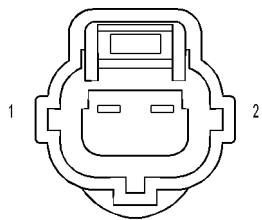




**SENSOR-  
TRANSMISSION  
RANGE  
(RC)**

SENSOR-TRANSMISSION RANGE (RC) - (TRANSMISSION) 10 WAY

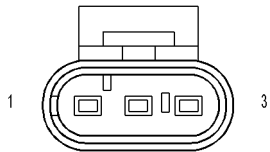
CAV	CIRCUIT	FUNCTION
1	T825 20DG/YL	TRX-TRANS RANGE SW NEUTRAL
2	T3 20DG/DB	TRS T3 SENSE
3	T828 20DG/DB	TRX-TRANS RANGE SW 1
4	F1 20PK/WT	FUSED IGNITION SWITCH OUTPUT (OFF-RUN-START)
5	T824 20YL/DB	TRX-TRANS RANGE SW PARK
6	Z157 16BK/LG	GROUND
7	T42 20DG/YL	TRS T42 SENSE
8	T827 20DG/LB	TRX-TRANS RANGE SW DRIVE
9	T826 20DG/DB	TRX-TRANS RANGE SW REVERSE
10	T41 20YL/DB	TRS T41 SENSE



**SENSOR-  
TRANSMISSION  
TEMPERATURE  
(RC)**

SENSOR-TRANSMISSION TEMPERATURE (RC) - (TRANSMISSION) 2 WAY

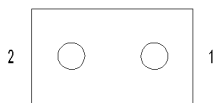
CAV	CIRCUIT	FUNCTION
1	T819 20YL/VT	TORQUE CONVERTER OIL TEMPERATURE SIGNAL
2	T820 20YL/WT	TORQUE CONVERTER OIL TEMPERATURE SIGNAL RETURN



**SENSOR-  
TURBO SPEED  
(6.7L)**

SENSOR-TURBO SPEED (6.7L) - (ENGINE) 2 WAY

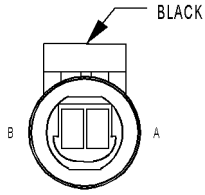
CAV	CIRCUIT	FUNCTION
1	K540 18BR/GY	TURBO SPEED SENSOR SIGNAL
2	K541 18BR/VT	TURBO SPEED SENSOR GROUND



**SENSOR-  
WATER  
IN FUEL  
(6.7L)**

SENSOR-WATER IN FUEL (6.7L) - (FUEL TANK) 2 WAY

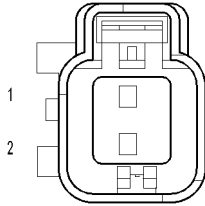
CAV	CIRCUIT	FUNCTION
1	K914 18BR/WT	SENSOR GROUND
2	G123 18VT/LG	WATER IN FUEL SENSOR SIGNAL



**SENSOR-  
WATER  
IN FUEL  
(5.9L)**

SENSOR-WATER IN FUEL (5.9L) - BLACK (FUEL TANK) 2 WAY

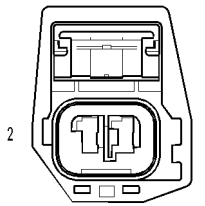
CAV	CIRCUIT	FUNCTION
A	K923 18BR/WT	WATER IN FUEL SENSOR GROUND
B	G123 18VT/LG	WATER IN FUEL SENSOR SIGNAL



**SENSOR-  
WHEEL  
SPEED-ABS-  
LEFT  
FRONT**

SENSOR-WHEEL SPEED-ABS-LEFT FRONT - (HEADLAMP AND DASH) 2 WAY

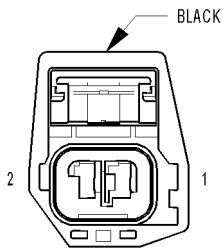
CAV	CIRCUIT	FUNCTION
1	B9 20DG/LG (AWAL)	LEFT FRONT WHEEL SPEED SENSOR (+)
1	B9 18DG/LG (RWAL)	LEFT FRONT WHEEL SPEED SENSOR (+)
2	B8 20DG/TN (AWAL)	LEFT FRONT WHEEL SPEED SENSOR (-)
2	B8 18DG/TN (RWAL)	LEFT FRONT WHEEL SPEED SENSOR (-)



**SENSOR-  
WHEEL  
SPEED-ABS-  
LEFT  
REAR  
(ESP)**

SENSOR-WHEEL SPEED-ABS-LEFT REAR (ESP) - (CHASSIS) 2 WAY

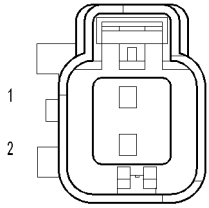
CAV	CIRCUIT	FUNCTION
1	B3 18DG/YL	REAR WHEEL SPEED SENSOR (-)
2	B4 18DG/GY	REAR WHEEL SPEED SENSOR (+)



**SENSOR-  
WHEEL  
SPEED-ABS-  
REAR  
(EXCEPT ESP)**

SENSOR-WHEEL SPEED-ABS-REAR (EXCEPT ESP) - BLACK (CHASSIS) 2 WAY

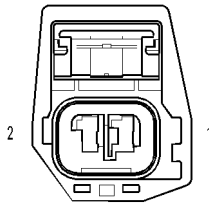
CAV	CIRCUIT	FUNCTION
1	B22 18DG/YL	REAR WHEEL SPEED SENSOR (-)
2	B222 18DG/WT	REAR WHEEL SPEED SENSOR (+)



**SENSOR-  
WHEEL  
SPEED-ABS-  
RIGHT  
FRONT**

SENSOR-WHEEL SPEED-ABS-RIGHT FRONT - (HEADLAMP AND DASH) 2 WAY

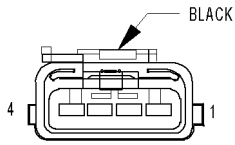
CAV	CIRCUIT	FUNCTION
1	B7 20DG/VT	RIGHT FRONT WHEEL SPEED SENSOR (+)
2	B6 20DG/WT	RIGHT FRONT WHEEL SPEED SENSOR (-)



**SENSOR-  
WHEEL  
SPEED-ABS-  
RIGHT  
REAR  
(ESP)**

SENSOR-WHEEL SPEED-ABS-RIGHT REAR (ESP) - (CHASSIS) 2 WAY

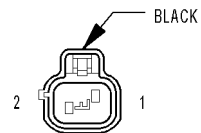
CAV	CIRCUIT	FUNCTION
1	B1 18DG/OR	RIGHT REAR WHEEL SPEED SENSOR (-)
2	B2 18DG/LB	RIGHT REAR WHEEL SPEED SENSOR (+)



**SERVO-  
SPEED CONTROL  
(GAS EXCEPT 3.7L/5.7L)**

SERVO-SPEED CONTROL (GAS EXCEPT 3.7L/5.7L) - BLACK (HEADLAMP AND DASH) 4 WAY

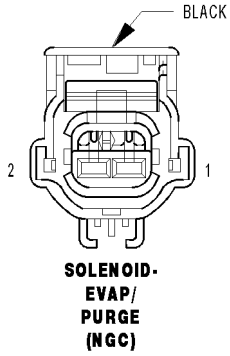
CAV	CIRCUIT	FUNCTION
1	V36 20VT/YL	S/C VACUUM SOL CONTROL
2	V35 20VT/OR	S/C VENT SOL CONTROL
3	V30 20VT/WT	S/C BRAKE SWITCH OUTPUT
4	Z913 20BK	GROUND



**SOLENOID-  
BRAKE  
TRANSMISSION  
SHIFT INTERLOCK**

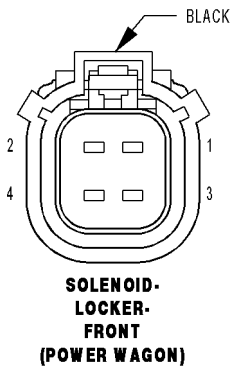
SOLENOID-BRAKE TRANSMISSION SHIFT INTERLOCK - BLACK (INSTRUMENT PANEL) 2 WAY

CAV	CIRCUIT	FUNCTION
1	K32 18DB/YL	BTSI SOLENOID CONTROL
2	Z101 18BK/VT	GROUND



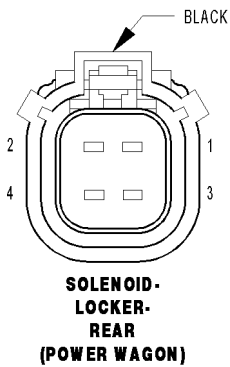
SOLENOID-EVAP/PURGE (NGC) - BLACK (HEADLAMP AND DASH) 2 WAY

CAV	CIRCUIT	FUNCTION
1	K52 20DB/WT	EVAP PURGE CONTROL
2	K70 20DB/BR	EVAP PURGE SOL SIGNAL



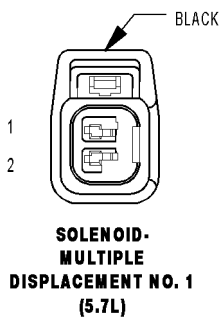
SOLENOID-LOCKER-FRONT (POWER WAGON) - BLACK (BATTERY) 4 WAY

CAV	CIRCUIT	FUNCTION
1	T520 16YL/OR	FRONT LOCKER SOURCE
2	T521 18YL/BK	LOCKER SENSOR SUPPLY
3	T522 18YL/LB	FRONT LOCKER SENSOR SENSE
4	T524 16YL/LG	FRONT LOCKER RETURN



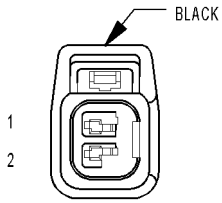
SOLENOID-LOCKER-REAR (POWER WAGON) - BLACK (CHASSIS) 4 WAY

CAV	CIRCUIT	FUNCTION
1	T526 16YL/WT	REAR LOCKER SOURCE
2	T523 18YL/BK	LOCKER SENSOR SUPPLY
3	T527 18YL/TN	REAR LOCKER SENSOR SENSE
4	T528 16YL/GY	REAR LOCKER RETURN



SOLENOID-MULTIPLE DISPLACEMENT NO. 1 (5.7L) - BLACK (MULTIPLE DISPLACEMENT) 2 WAY

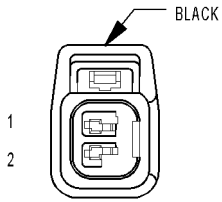
CAV	CIRCUIT	FUNCTION
1	K451 18BR/WT	MDS SOL CONTROL NO. 1
2	Z903 18BK	GROUND



**SOLENOID-MULTIPLE  
DISPLACEMENT NO. 4  
(5.7L)**

SOLENOID-MULTIPLE DISPLACEMENT NO. 4 (5.7L) - BLACK (MULTIPLE DISPLACEMENT) 2 WAY

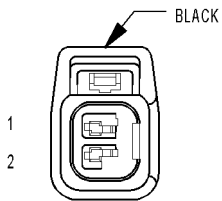
CAV	CIRCUIT	FUNCTION
1	K452 18BR/LB	MDS SOL CONTROL NO. 4
2	Z903 18BK	GROUND



**SOLENOID-MULTIPLE  
DISPLACEMENT NO. 6  
(5.7L)**

SOLENOID-MULTIPLE DISPLACEMENT NO. 6 (5.7L) - BLACK (MULTIPLE DISPLACEMENT) 2 WAY

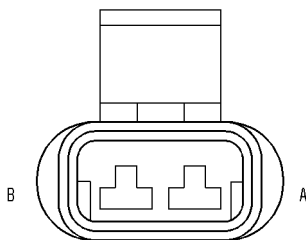
CAV	CIRCUIT	FUNCTION
1	K453 18BR/DG	MDS SOL CONTROL NO. 6
2	Z903 18BK	GROUND



**SOLENOID-MULTIPLE  
DISPLACEMENT NO. 7  
(5.7L)**

SOLENOID-MULTIPLE DISPLACEMENT NO. 7 (5.7L) - BLACK (MULTIPLE DISPLACEMENT) 2 WAY

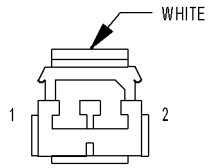
CAV	CIRCUIT	FUNCTION
1	K454 18BR/OR	MDS SOL CONTROL NO. 7
2	Z903 18BK	GROUND



**SOLENOID-WASTEGATE  
(DIESEL)**

SOLENOID-WASTEGATE (DIESEL) - (ENGINE) 2 WAY

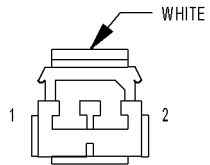
CAV	CIRCUIT	FUNCTION
A	K139 18DB	WASTEGATE SOLENOID CONTROL
B	A212 18PK/YL	FUSED B(+)



**SPEAKER-  
INSTRUMENT  
PANEL-  
CENTER  
(SLT/SLT+)**

SPEAKER-INSTRUMENT PANEL-CENTER (SLT/SLT+) - WHITE (INSTRUMENT PANEL) 2 WAY

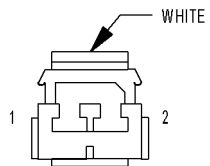
CAV	CIRCUIT	FUNCTION
1	X200 18GY/BR	CENTER INSTRUMENT PANEL SPEAKER (+)
2	X290 18GY/OR	CENTER INSTRUMENT PANEL SPEAKER (-)



**SPEAKER-  
INSTRUMENT  
PANEL-  
LEFT  
(SLT/SLT+)**

SPEAKER-INSTRUMENT PANEL-LEFT (SLT/SLT+) - WHITE (INSTRUMENT PANEL) 2 WAY

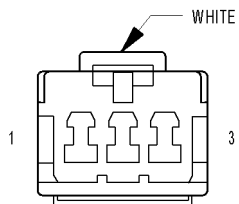
CAV	CIRCUIT	FUNCTION
1	X209 18GY/OR	LEFT INSTRUMENT PANEL SPEAKER (+)
2	X299 18GY/YL	LEFT INSTRUMENT PANEL SPEAKER (-)



**SPEAKER-  
INSTRUMENT  
PANEL-  
RIGHT  
(SLT/SLT+)**

SPEAKER-INSTRUMENT PANEL-RIGHT (SLT/SLT+) - WHITE (INSTRUMENT PANEL) 2 WAY

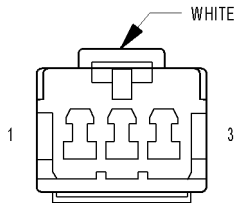
CAV	CIRCUIT	FUNCTION
1	X208 18GY/DG	RIGHT INSTRUMENT PANEL SPEAKER (+)
2	X298 18GY/LG	RIGHT INSTRUMENT PANEL SPEAKER (-)



**SPEAKER-  
LEFT  
FRONT  
DOOR**

SPEAKER-LEFT FRONT DOOR - WHITE (FRONT DOOR) 3 WAY

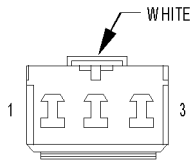
CAV	CIRCUIT	FUNCTION
1	X155 18DG/LB	LEFT FRONT DOOR SPEAKER (-)
2	-	-
3	X153 18DG/YL	LEFT FRONT DOOR SPEAKER (+)



**SPEAKER-LEFT REAR**

SPEAKER-LEFT REAR - WHITE (REAR DOOR) 3 WAY

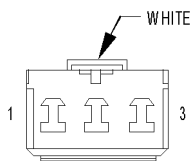
CAV	CIRCUIT	FUNCTION
1	X205 18GY/LG	LEFT REAR SPEAKER (+)
2	-	-
3	X295 18GY/DG	LEFT REAR SPEAKER (-)



**SPEAKER-RIGHT FRONT DOOR**

SPEAKER-RIGHT FRONT DOOR - WHITE (FRONT DOOR) 3 WAY

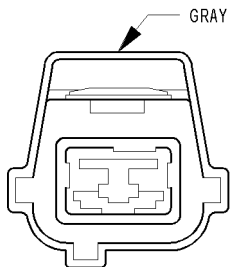
CAV	CIRCUIT	FUNCTION
1	X156 18GY/LB	RIGHT FRONT DOOR SPEAKER (-)
2	-	-
3	X154 18GY/YL	RIGHT FRONT DOOR SPEAKER (+)



**SPEAKER-RIGHT REAR**

SPEAKER-RIGHT REAR - WHITE (REAR DOOR) 3 WAY

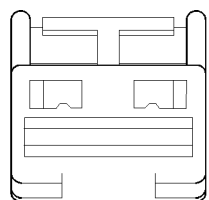
CAV	CIRCUIT	FUNCTION
1	X206 18DG/LG	RIGHT REAR SPEAKER (+)
2	-	-
3	X296 18DG/GY	RIGHT REAR SPEAKER (-)



**STARTER (DIESEL)**

STARTER (DIESEL) - GRAY (BATTERY) 1 WAY

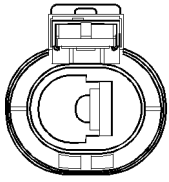
CAV	CIRCUIT	FUNCTION
1	T750 14YL/GY	STARTER MOTOR CONTROL OUTPUT



**STARTER (3.7L A/T/4.7L A/T/5.7L)**

STARTER (3.7L A/T/4.7L A/T/5.7L) - (BATTERY) 1 WAY

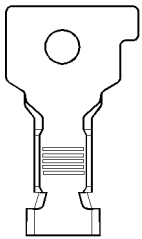
CAV	CIRCUIT	FUNCTION
1	T750 14YL/GY	STARTER MOTOR CONTROL OUTPUT



**STARTER  
(3.7L/M/T/4.7L M/T)**

STARTER (3.7L M/T/4.7L M/T) - (BATTERY) 1 WAY

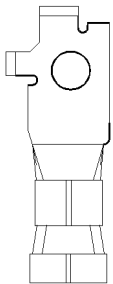
CAV	CIRCUIT	FUNCTION
1	T750 14YL/GY	STARTER MOTOR CONTROL OUTPUT



**STARTER-  
EYELET  
(3.7L/4.7L)**

STARTER-EYELET (3.7L/4.7L) - (BATTERY)

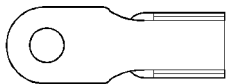
CAV	CIRCUIT	FUNCTION
1	A8 6RD	B(+)



**STARTER-  
EYELET  
(5.7L)**

STARTER-EYELET (5.7L) - (BATTERY) 1 WAY

CAV	CIRCUIT	FUNCTION
1	A8 6RD	B(+)

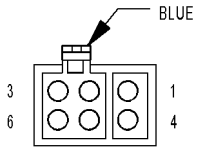


**STARTER-  
EYELET  
(DIESEL)**

STARTER-EYELET (DIESEL) - (BATTERY) 1 WAY

CAV	CIRCUIT	FUNCTION
1	A8 2RD	B(+)

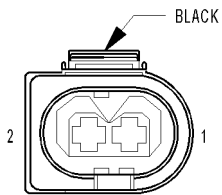




**SWITCH-ADJUSTABLE PEDALS (EXCEPT BASE)**

SWITCH-ADJUSTABLE PEDALS (EXCEPT BASE) - BLUE (INSTRUMENT PANEL) 6 WAY

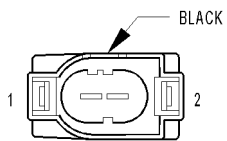
CAV	CIRCUIT	FUNCTION
1	P206 18LG/LB	ADJUSTABLE PEDALS MOTOR REARWARD
2	A72 18RD/OR	ADJUSTABLE PEDALS OUTPUT
3	-	-
4	Z146 18BK	GROUND
5	F504 20GY/PK	FUSED IGNITION SWITCH OUTPUT (RUN)
6	P205 18LG/WT	ADJUSTABLE PEDALS MOTOR FORWARD



**SWITCH-BACKUP LAMP (3.7L M/T/4.7L M/T)**

SWITCH-BACKUP LAMP (3.7L M/T/4.7L M/T) - BLACK (ENGINE) 2 WAY

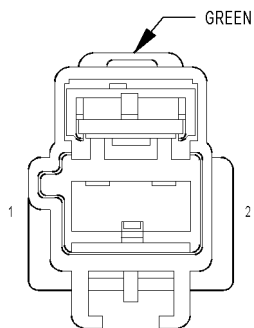
CAV	CIRCUIT	FUNCTION
1	Z965 20BK	GROUND
2	L10 20WT/GY	FUSED IGNITION SWITCH OUTPUT (RUN)



**SWITCH-BACKUP LAMP (5.7L HD M/T/ DIESEL M/T)**

SWITCH-BACKUP LAMP (M/T 5.7L HD/DIESEL M/T) - BLACK (ENGINE) 2 WAY

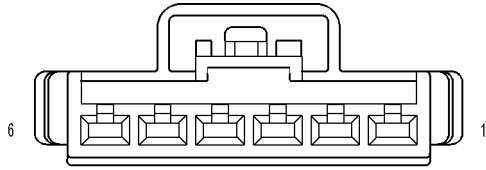
CAV	CIRCUIT	FUNCTION
1	Z965 20BK	GROUND
2	L10 20WT/GY	FUSED IGNITION SWITCH OUTPUT (RUN)



**SWITCH-CLUTCH INTERLOCK (M/T)**

SWITCH-CLUTCH INTERLOCK (M/T) - GREEN (HEADLAMP AND DASH) 2 WAY

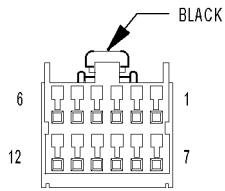
CAV	CIRCUIT	FUNCTION
1	T41 20YL/DB	TRS T41 SENSE
2	Z911 20BK	GROUND



**SWITCH-CLUTCH INTERLOCK/UPSTOP (6.7L)**

SWITCH-CLUTCH INTERLOCK/UPSTOP (6.7L) - (HEADLAMP AND DASH) 6 WAY

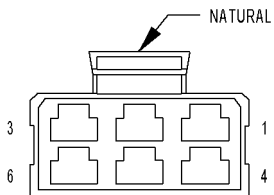
CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	T26 18DG/OR	CLUTCH INTERLOCK/ UPSTOP SWITCH OUTPUT
4	Z993 18BK	GROUND
5	-	-
6	-	-



**SWITCH-DISCONNECTING STABILIZER BAR**

SWITCH-DISCONNECTING STABILIZER BAR - BLACK (SMART BAR SWITCH JUMPER) 12 WAY

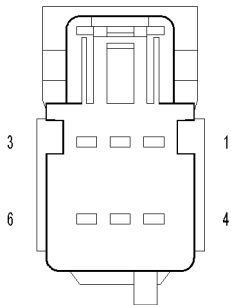
CAV	CIRCUIT	FUNCTION
1	T537 20YL/LG	LOCKER SWITCH SUPPLY
2	T535 20YL/BR	LOCKER SWITCH SENSE
3	T531 20YL/TN	STABILIZER BAR SWITCH SENSE
4	T536 20YL/WT	SWITCH SUPPLY
5	T532 20YL/GY	LOCKER OPEN ILLUMINATION SENSE
6	T533 20YL/LB	LOCKER REAR ILLUMINATION SENSE
7	T534 20YL	LOCKER FR/RR ILLUMINATION SENSE
8	T530 20YL/DG	STABILIZER BAR DISENGAGE ILLUMINATION SENSE
9	T529 20YL/LG	STABILIZER BAR ENGAGE ILLUMINATION SENSE
10	-	-
11	E11 20OR/DB	PANEL LAMPS DRIVER
12	Z952 20BK	GROUND



**SWITCH-DOOR LOCK-PASSENGER**

SWITCH-DOOR LOCK-PASSENGER - NATURAL (FRONT DOOR) 6 WAY

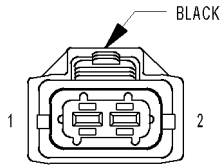
CAV	CIRCUIT	FUNCTION
1	G160 20VT/LG	PASSENGER DOOR LOCK SWITCH MUX
2	F21 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
3	-	-
4	-	-
5	Z917 20BK	GROUND
6	-	-



**SWITCH-ESP**

SWITCH-ESP - (INSTRUMENT PANEL) 6 WAY

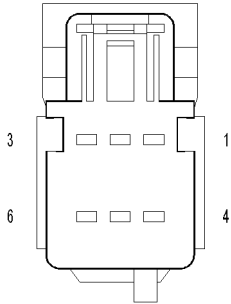
CAV	CIRCUIT	FUNCTION
1	Z936 20BK/DG	GROUND
2	E11 20OR/DB	PANEL LAMPS DRIVER
3	B46 20DG/WT	ESP ON/OFF SENSE
4	G94 20VT/DB	SENSOR GROUND
5	-	-
6	-	-



**SWITCH-  
EVAP  
SYSTEM  
MONITOR  
(NGC)**

SWITCH-EVAP SYSTEM MONITOR (NGC) - BLACK (ENGINE) 2 WAY

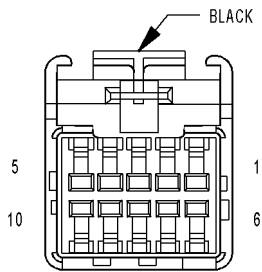
CAV	CIRCUIT	FUNCTION
1	Z910 20BK	GROUND
2	K107 20VT/WT	ESM SIGNAL



**SWITCH-  
EXHAUST  
BRAKE**

SWITCH-EXHAUST BRAKE - (INSTRUMENT PANEL) 6 WAY

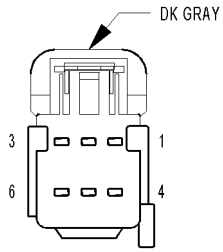
CAV	CIRCUIT	FUNCTION
1	Z933 20BK/BR	GROUND
2	E11 20OR/DB	PANEL LAMPS DRIVER
3	G905 20BR/OR	EXHAUST BRAKE SWITCH SIGNAL
4	V937 20VT/BR	S/C SWITCH RETURN
5	G904 20VT/DG	EXHAUST BRAKE LAMP SIGNAL
6	-	-



**SWITCH-  
HEADLAMP**

SWITCH-HEADLAMP - BLACK (INSTRUMENT PANEL) 10 WAY

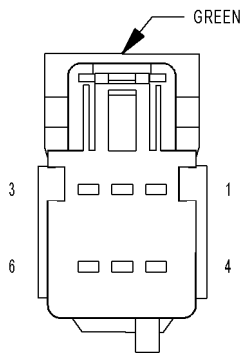
CAV	CIRCUIT	FUNCTION
1	L116 20WT/LG	HEADLAMP/FOG LAMP SWITCH SIGNAL
2	E2 20OR/BR	PANEL LAMPS DIMMER SIGNAL
3	L115 20WT/YL	HEADLAMP SWITCH RETURN
4	E19 20OR/BR	HEADLAMP SWITCH DIMMER SIGNAL
5	Z407 20BK/OR	GROUND
6	L914 20WT/LG	CARGO LAMP SWITCH SIGNAL
7	-	-
8	-	-
9	-	-
10	-	-



**SWITCH-HEATED SEAT-DRIVER**

SWITCH-HEATED SEAT-DRIVER - DK GRAY (INSTRUMENT PANEL) 6 WAY

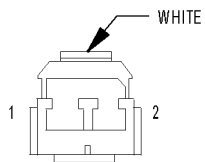
CAV	CIRCUIT	FUNCTION
1	Z301 20TN/BK	GROUND
2	P301 20LG/OR	PANEL LAMPS DRIVER
3	P693 18LG/WT	DRIVER SEAT HEATER SUPPLY
4	A930 16RD	FUSED B(+)
5	-	-
6	A930 16RD	FUSED B(+)



**SWITCH-HEATED SEAT-PASSENGER**

SWITCH-HEATED SEAT-PASSENGER - GREEN (INSTRUMENT PANEL) 6 WAY

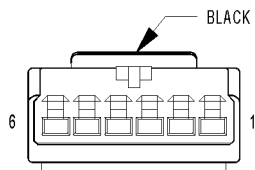
CAV	CIRCUIT	FUNCTION
1	Z302 20LG/BK	GROUND
2	P301 20LG/OR	PANEL LAMPS DRIVER
3	P95 18LG/WT	PASSENGER SEAT HEATER SUPPLY
4	A930 16RD	FUSED B(+)
5	-	-
6	A930 16RD	FUSED B(+)



**SWITCH-HORN**

SWITCH-HORN - WHITE (STEERING WHEEL) 2 WAY

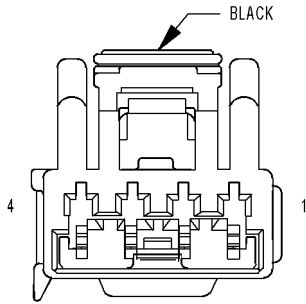
CAV	CIRCUIT	FUNCTION
1	X3 20DG/VT	HORN SWITCH SENSE
2	-	-



**SWITCH-IGNITION**

SWITCH-IGNITION - BLACK (INSTRUMENT PANEL) 6 WAY

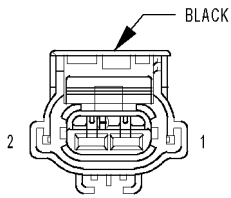
CAV	CIRCUIT	FUNCTION
1	Z109 20BK/GY	GROUND
2	G20 20VT/BR	IGNITION SWITCH SENSE SIGNAL
3	F20 20PK/WT	IGNITION SWITCH OUTPUT (RUN-START)
4	-	-
5	-	-
6	A106 20LB/RD	FUSED B(+)



**SWITCH-MULTIFUNCTION**

SWITCH-MULTIFUNCTION - BLACK (INSTRUMENT PANEL) 4 WAY

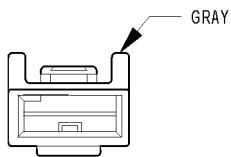
CAV	CIRCUIT	FUNCTION
1	G194 20VT/LG	WASH/BEAM SELECT SWITCH SIGNAL
2	L900 20WT/YL	WIPER/TURN/BEAM SELECT SWITCH RETURN
3	L12 20WT/OR	TURN LAMPS SWITCH SIGNAL
4	W52 20BR/YL	INTERMITTENT WIPER SWITCH SIGNAL



**SWITCH-OIL PRESSURE**

SWITCH-OIL PRESSURE - BLACK (ENGINE) 2 WAY

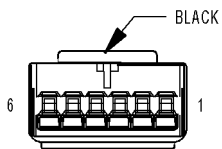
CAV	CIRCUIT	FUNCTION
1	G6 18VT/GY (DIESEL)	OIL PRESSURE SIGNAL
1	G6 16VT/GY (GAS)	OIL PRESSURE SIGNAL
2	-	-



**SWITCH-PARKING BRAKE**

SWITCH-PARKING BRAKE - GRAY (HEADLAMP AND DASH) 1 WAY

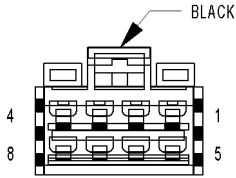
CAV	CIRCUIT	FUNCTION
1	B25 20DG/WT	PARK BRAKE SWITCH SENSE



**SWITCH-PASSENGER AIRBAG ON/OFF**

SWITCH-PASSENGER AIRBAG ON/OFF - BLACK (INSTRUMENT PANEL) 6 WAY

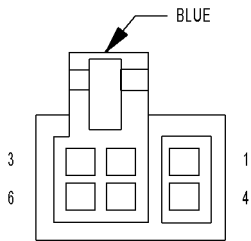
CAV	CIRCUIT	FUNCTION
1	R106 20LG/LB	PASSENGER AIRBAG MUX SWITCH SENSE
2	R104 20LB/LG	PASSENGER AIRBAG MUX SWITCH RETURN
3	G104 20VT/GY	PASSENGER AIRBAG INDICATOR DRIVER
4	F201 20PK/OR	FUSED IGNITION SWITCH OUTPUT (RUN-START)
5	-	-
6	-	-



**SWITCH-  
POWER SLIDING  
BACKLITE  
(QUAD CAB/  
EXCEPT BASE)**

SWITCH-POWER SLIDING BACKLITE (QUAD CAB/EXCEPT BASE) - BLACK (INSTRUMENT PANEL) 8 WAY

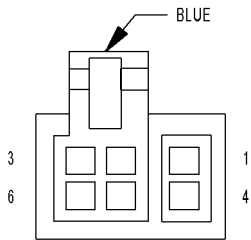
CAV	CIRCUIT	FUNCTION
1	-	-
2	Z794 12BK	GROUND
3	Z975 12BK	GROUND
4	F30 12PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
5	Q950 12OR/LG	POWER BACKLITE OPEN (+)
6	P301 20LG/OR	PANEL LAMPS DRIVER
7	Z976 20BK	GROUND
8	Q951 12OR/VT	POWER BACKLITE OPEN (-)



**SWITCH-  
POWER  
WINDOW-  
LEFT  
REAR**

SWITCH-POWER WINDOW-LEFT REAR - BLUE (REAR DOOR) 6 WAY

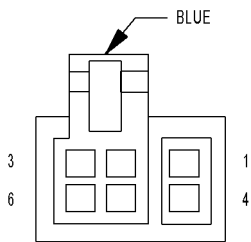
CAV	CIRCUIT	FUNCTION
1	Q111 14TN/YL (EXCEPT MEGA CAB)	DRIVER REAR WINDOW DRIVER (UP)
1	Q211 14TN/LB (MEGA CAB)	DRIVER REAR WINDOW DRIVER (DOWN)
2	Q611 14OR/GY	LEFT REAR WINDOW DRIVER (DOWN)
3	-	-
4	Q411 14OR/WT	LEFT REAR WINDOW DRIVER (UP)
5	Q211 14TN/LB (EXCEPT MEGA CAB)	DRIVER REAR WINDOW DRIVER (DOWN)
5	Q111 14TN/YL (MEGA CAB)	DRIVER REAR WINDOW DRIVER (UP)
6	Q15 14OR/LB	POWER WINDOW SWITCH FEED



**SWITCH-  
POWER  
WINDOW-  
PASSENGER**

SWITCH-POWER WINDOW-PASSENGER - BLUE (FRONT DOOR) 6 WAY

CAV	CIRCUIT	FUNCTION
1	Q12 12OR/BR	RIGHT FRONT WINDOW DRIVER (UP)
2	Q26 12OR/GY	MASTER WINDOW SWITCH RIGHT FRONT (DOWN)
3	-	-
4	Q16 12OR/TN	MASTER WINDOW SWITCH RIGHT FRONT (UP)
5	Q22 12OR/VT	RIGHT FRONT WINDOW DRIVER (DOWN)
6	Q15 12OR/LB	POWER WINDOW SWITCH FEED

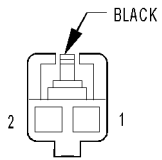


**SWITCH-  
POWER  
WINDOW-  
RIGHT  
REAR**

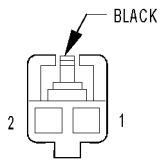
SWITCH-POWER WINDOW-RIGHT REAR - BLUE (REAR DOOR) 6 WAY

CAV	CIRCUIT	FUNCTION
1	Q112 14TN/YL	PASSENGER REAR WINDOW DRIVER (UP)
2	Q612 14OR/GY	RIGHT REAR WINDOW DRIVER (DOWN)
3	-	-
4	Q412 14OR/WT	RIGHT REAR WINDOW DRIVER (UP)
5	Q212 14TN/LB	PASSENGER REAR WINDOW DRIVER (DOWN)
6	Q15 14TN/LG	POWER WINDOW SWITCH FEED

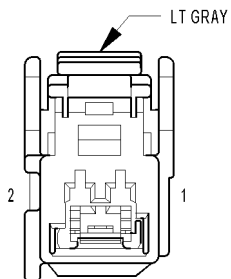
**CONNECTOR  
NOT  
AVAILABLE**



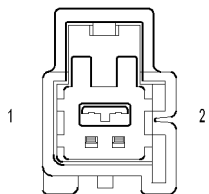
**SWITCH-  
REMOTE  
RADIO-  
LEFT**



**SWITCH-  
REMOTE  
RADIO-  
RIGHT**



**SWITCH-  
SEAT  
BELT-  
DRIVER  
(LD)**



**SWITCH-  
SEAT  
BELT-  
DRIVER  
(HD)**

SWITCH-PTO (NGC) - (HEADLAMP AND DASH) 1 WAY

CAV	CIRCUIT	FUNCTION
1	G113 20VT	PTO SWITCH SENSE

SWITCH-REMOTE RADIO-LEFT - BLACK (STEERING WHEEL) 2 WAY

CAV	CIRCUIT	FUNCTION
1	X20 22GY/WT	RADIO CONTROL MUX
2	G902 22WT/BR	GROUND

SWITCH-REMOTE RADIO-RIGHT - BLACK (STEERING WHEEL) 2 WAY

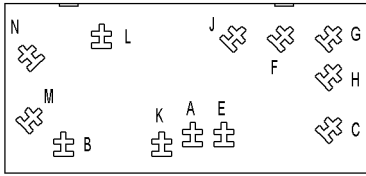
CAV	CIRCUIT	FUNCTION
1	X20 22GY/WT	RADIO CONTROL MUX
2	G902 22WT/BR	GROUND

SWITCH-SEAT BELT-DRIVER (LD) - LT GRAY (SEAT) 2 WAY

CAV	CIRCUIT	FUNCTION
1	Z917 20BK	GROUND
2	R57 20LG/GY	DRIVER SEAT BELT SWITCH SENSE

SWITCH-SEAT BELT-DRIVER (HD) - (SEAT) 2 WAY

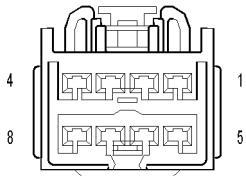
CAV	CIRCUIT	FUNCTION
1	Z951 18BK	GROUND
2	G10 20VT/LG	SEAT BELT SWITCH SENSE



**SWITCH-  
SEAT-  
DRIVER  
(HD)**

SWITCH-SEAT-DRIVER (HD) - (SEAT) 12 WAY

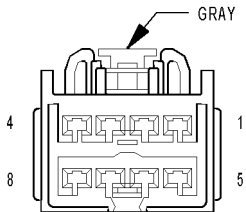
CAV	CIRCUIT	FUNCTION
A	A210 12OR/RD	FUSED B(+)
B	Z939 14BK	GROUND
C	-	-
E	P11 12LG/YL	DRIVER SEAT REAR UP DRIVER
F	-	-
G	Z939 14BK	GROUND
H	A210 12OR/RD	FUSED B(+)
J	P13 12LG/OR	DRIVER SEAT REAR DOWN DRIVER
K	P17 12LG/DG	DRIVER SEAT HORIZONTAL REARWARD DRIVER
L	P15 12LG/BR	DRIVER SEAT HORIZONTAL FORWARD DRIVER
M	P19 12LG/LB	DRIVER SEAT FRONT UP DRIVER
N	P21 12LG/TN	DRIVER SEAT FRONT DOWN DRIVER



**SWITCH-  
SEAT-  
DRIVER  
(LD)**

SWITCH-SEAT-DRIVER (LD) - GRAY (SEAT) 8 WAY

CAV	CIRCUIT	FUNCTION
1	P19 12LG/LB	DRIVER SEAT FRONT UP DRIVER
2	Z939 14BK	GROUND
3	P15 12LG/WT	DRIVER SEAT HORIZONTAL FORWARD DRIVER
4	A210 12OR/RD	FUSED B(+)
5	P11 12LG/YL	DRIVER SEAT REAR UP DRIVER
6	P17 12LG/DG	DRIVER SEAT HORIZONTAL REARWARD DRIVER
7	P13 12LG/OR	DRIVER SEAT REAR DOWN DRIVER
8	P21 12LG/TN	DRIVER SEAT FRONT DOWN DRIVER

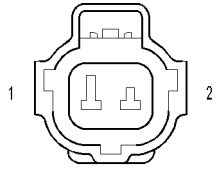


**SWITCH-  
SEAT-  
PASSENGER**

SWITCH-SEAT-PASSENGER - (SEAT) 12 WAY

CAV	CIRCUIT	FUNCTION
A	A210 12OR/RD	FUSED B(+)
B	Z939 14BK	GROUND
C	-	-
E	P12 12LG/YL	PASSENGER SEAT REAR UP DRIVER
F	-	-
G	Z939 14BK	GROUND
H	A210 12OR/RD	FUSED B(+)
J	P10 12LG/TN	PASSENGER SEAT REAR DOWN DRIVER
K	P16 12LG/BR	PASSENGER SEAT HORIZONTAL REARWARD DRIVER
L	P14 12LG/OR	PASSENGER SEAT HORIZONTAL FORWARD DRIVER
M	P20 12LG/LB	PASSENGER SEAT FRONT UP DRIVER
N	P18 12LG/OR	PASSENGER SEAT FRONT DOWN DRIVER

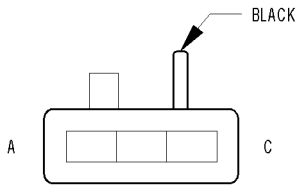




**SWITCH-  
SECURITY  
HOOD**

SWITCH-SECURITY HOOD - (HEADLAMP AND DASH) 2 WAY

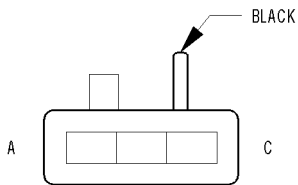
CAV	CIRCUIT	FUNCTION
1	G70 20VT/LB	HOOD AJAR SWITCH SENSE
2	G930 20VT/TN	AAT RETURN



**SWITCH-  
SPEED  
CONTROL-  
LEFT**

SWITCH-SPEED CONTROL-LEFT - BLACK (STEERING WHEEL) 3 WAY

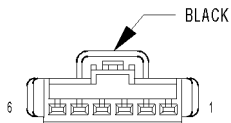
CAV	CIRCUIT	FUNCTION
A	V38 22VT/OR (5.7L)	S/C SWITCH NO. 2 SIGNAL
B	V937 22DB/DG (3.7L/5.7L)	S/C SWITCH RETURN
B	K900 22DB/DG (4.7L)	SENSOR GROUND
C	V37 22VT	S/C SWITCH NO. 1 SIGNAL



**SWITCH-  
SPEED  
CONTROL-  
RIGHT**

SWITCH-SPEED CONTROL-RIGHT - BLACK (STEERING WHEEL) 3 WAY

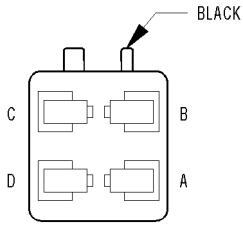
CAV	CIRCUIT	FUNCTION
A	V38 22VT/OR (3.7L/5.7L)	S/C SWITCH NO. 2 SIGNAL
B	V937 22DB/DG (3.7L/5.7L)	S/C SWITCH RETURN
B	K900 22DB/DG (4.7L)	SENSOR GROUND
C	V37 22VT	S/C SWITCH NO. 1 SIGNAL



**SWITCH-  
STOP  
LAMP**

SWITCH-STOP LAMP - BLACK (INSTRUMENT PANEL) 6 WAY

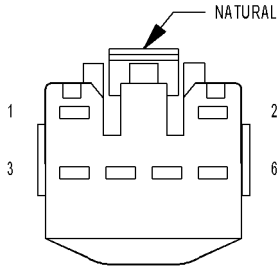
CAV	CIRCUIT	FUNCTION
1	A103 18GY/RD	FUSED B(+)
2	L50 18WT/TN	BRAKE LAMP SWITCH OUTPUT
3	V30 20VT/WT (3.7L/5.7L)	FUSED IGNITION SWITCH OUTPUT (RUN-START)
3	V30 20VT/WT (4.7L)	S/C BRAKE SWITCH OUTPUT
4	V32 20VT/YL	BRAKE SWITCH NO. 2 SIGNAL
5	Z429 20BK/OR	GROUND
6	B29 20DG/WT	BRAKE SWITCH NO. 1 SIGNAL



**SWITCH-SUNROOF**

SWITCH-SUNROOF - BLACK (HEADLINER) 4 WAY

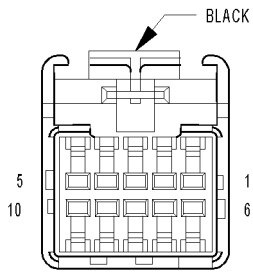
CAV	CIRCUIT	FUNCTION
A	Q4 200R/YL	SUNROOF VENT SWITCH SENSE
B	Q6 200R/LG	SUNROOF SWITCH SUPPLY
C	Q3 200R/TN	SUNROOF OPEN SWITCH SENSE
D	Q5 200R/LB	SUNROOF CLOSE SWITCH SENSE



**SWITCH-TOW/  
HAUL  
OVERDRIVE**

SWITCH-TOW/HAUL OVERDRIVE - NATURAL (INSTRUMENT PANEL) 6 WAY

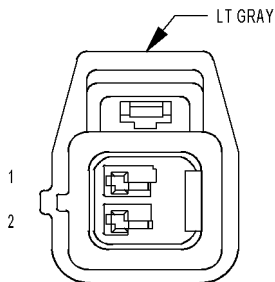
CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	T6 20DG	TOW/HAUL OVERDRIVE OFF SWITCH SENSE
4	Z71 20LB/BK	GROUND
5	T5 20DG/YL	TRANSMISSION CONTROL
6	T160 20DG/WT	OD SOLENOID CONTROL



**SWITCH-TRANSFER  
CASE  
SELECTOR  
(ETC)**

SWITCH-TRANSFER CASE SELECTOR (ETC) - BLACK (INSTRUMENT PANEL) 10 WAY

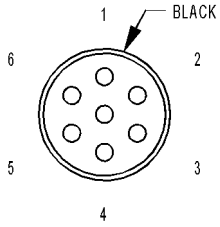
CAV	CIRCUIT	FUNCTION
1	K77 20BR/WT	TRANSFER CASE POSITION SENSOR INPUT
2	-	-
3	K977 20BR/WT	MODE SELECT
4	E11 200R/DB	PANEL LAMPS CONTROL
5	Z905 20BK	GROUND
6	G95 20VT/BR	NEUTRAL INDICATOR
7	F21 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
8	-	-
9	-	-
10	-	-



**SWITCH-WASHER  
FLUID  
LEVEL**

SWITCH-WASHER FLUID LEVEL - LT GRAY (HEADLAMP AND DASH) 2 WAY

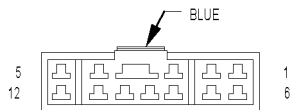
CAV	CIRCUIT	FUNCTION
1	G932 20VT/TN	WASHER FLUID SWITCH RETURN
2	W1 20BR/TN	WASHER FLUID SWITCH SENSE



**SWITCH-WINCH  
(POWER WAGON)**

SWITCH-WINCH (POWER WAGON) - BLACK (FRONT WINCH) 6 WAY

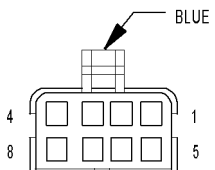
CAV	CIRCUIT	FUNCTION
1	BR	WINCH RELAYS CONTROL GROUND
2	WT	B(+)
3	-	-
4	DG	WINCH RELAY 1-4 CONTROL FEED
5	RD	GROUND
6	BK	WINCH RELAY 2-3 CONTROL FEED



**SWITCH-WINDOW/  
DOOR LOCK-DRIVER C1**

SWITCH-WINDOW/DOOR LOCK-DRIVER C1 - BLUE (FRONT DOOR) 12 WAY

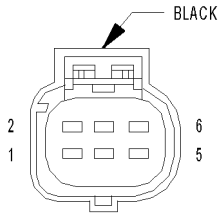
CAV	CIRCUIT	FUNCTION
1	Q612 14OR/DB	RIGHT REAR WINDOW DRIVER (DOWN)
2	Q412 14OR/LB	RIGHT REAR WINDOW DRIVER (UP)
3	Q16 12OR/TN	MASTER WINDOW SWITCH RIGHT FRONT (UP)
4	Q411 14OR/WT	LEFT REAR WINDOW DRIVER (UP)
5	Q11 14OR/LG	LEFT FRONT WINDOW DRIVER (UP)
6	Q26 12OR/GY	MASTER WINDOW SWITCH RIGHT FRONT (DOWN)
7	G161 20VT/DG	DRIVER DOOR LOCK SWITCH MUX
8	Z939 12BK	GROUND
9	F30 12PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
10	Q611 14OR/GY	LEFT REAR WINDOW DRIVER (DOWN)
11	Z939 18BK	GROUND
12	Q21 14OR/WT	LEFT FRONT WINDOW DRIVER (DOWN)



**SWITCH-WINDOW/  
DOOR LOCK-DRIVER C2**

SWITCH-WINDOW/DOOR LOCK-DRIVER C2 - BLUE (FRONT DOOR) 8 WAY

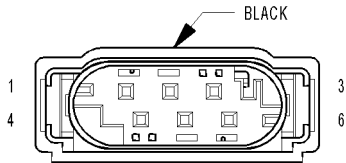
CAV	CIRCUIT	FUNCTION
1	P71 18TN/DG	LEFT MIRROR UP DRIVER
2	P195 18LG/YL	LEFT MIRROR COMMON DRIVER (RIGHT/DOWN)
3	A940 18RD	FUSED B(+)
4	P74 18TN/OR	RIGHT MIRROR LEFT DRIVER
5	Z939 18BK	GROUND
6	P75 18TN/LG	LEFT MIRROR LEFT DRIVER
7	P72 18TN/GY	RIGHT MIRROR UP DRIVER
8	Q15 12OR/LB	POWER WINDOW SWITCH FEED



**THROTTLE BODY (5.7L)**

THROTTLE BODY (5.7L) - BLACK (ENGINE) 6 WAY

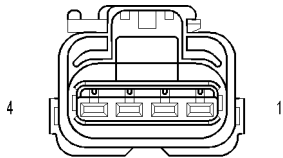
CAV	CIRCUIT	FUNCTION
1	K22 20BR/OR	TP NO. 1 SIGNAL
2	F855 20PK/YL	5 VOLT SUPPLY
3	K447 20TN/YL	ETC MOTOR (+)
4	K122 20BR/DG	TP NO. 2 SIGNAL
5	K448 20TN/OR	ETC MOTOR (-)
6	K922 20BR/DB	TP SENSOR RETURN



**THROTTLE BODY (3.7L)**

THROTTLE BODY (3.7L) - BLACK (ENGINE) 6 WAY

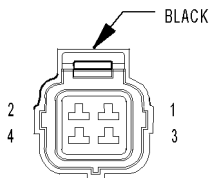
CAV	CIRCUIT	FUNCTION
1	K447 20TN/YL	ETC MOTOR (+)
2	F855 20PK/YL	5 VOLT SUPPLY
3	K922 20BR/DB	TP SENSOR RETURN
4	K448 20TN/OR	ETC MOTOR (-)
5	K122 20BR/DG	TP NO. 2 SIGNAL
6	K22 20BR/OR	TP NO. 1 SIGNAL



**THROTTLE BODY (6.7L DIESEL)**

THROTTLE BODY (6.7L DIESEL) - (ENGINE) 4 WAY

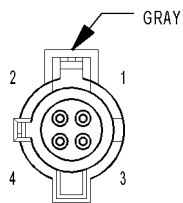
CAV	CIRCUIT	FUNCTION
1	K158 18BR/YL	TTVA MOTOR (-)
2	K314 18BR	TTVA MOTOR (+)
3	F348 16PK/OR	SMART POWER RELAY FEED
4	K971 18BR/PK	SENSOR GROUND



**TRANSDUCER-A/C PRESSURE (5.9L)**

TRANSDUCER-A/C PRESSURE (5.9L) - BLACK (ENGINE) 4 WAY

CAV	CIRCUIT	FUNCTION
1	C918 18BK/LB	A/C PRESSURE GROUND
2	C818 18LB/OR	A/C PRESSURE 5 VOLT SUPPLY
3	C18 18LB/BR	A/C PRESSURE SIGNAL
4	-	-



**TRANSDUCER-A/C  
PRESSURE  
(6.7L/GAS)**

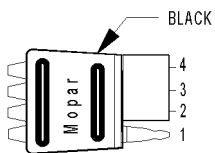
TRANSDUCER-A/C PRESSURE (6.7L/GAS) - GRAY (ENGINE) 4 WAY

CAV	CIRCUIT	FUNCTION
1	C918 20BK/LB	A/C PRESSURE GROUND
2	C818 20LB/OR	A/C PRESSURE 5 VOLT SUPPLY
3	C18 20LB/BR	A/C PRESSURE SIGNAL
4	-	-

**CONNECTOR  
NOT  
AVAILABLE**

WIRING-TRAILER TOW (BOX OFF) - (CHASSIS) 1 WAY

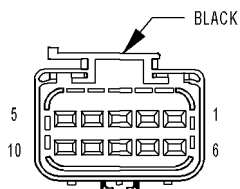
CAV	CIRCUIT	FUNCTION
1	A100 14RD/VT	FUSED B(+)
1	B40 14DG	TRAILER TOW BRAKE B(+)
1	L1 18WT/LG	BACKUP LAMP FEED
1	L673 18YL	TRAILER TOW LEFT TURN RELAY OUTPUT
1	L674 18LG	TRAILER TOW RIGHT TURN RELAY OUTPUT
1	L678 18BR	FUSED PARK LAMP FEED
1	Z927 14BK	GROUND



**WIRING-  
TRAILER  
TOW 4-WAY**

WIRING-TRAILER TOW 4-WAY - BLACK (CHASSIS) 4 WAY

CAV	CIRCUIT	FUNCTION
1	Z927 14BK	GROUND
2	L678 18BR	FUSED PARK LAMP FEED
3	L673 18YL	TRAILER TOW LEFT TURN RELAY OUTPUT
4	L674 18LG	TRAILER TOW RIGHT TURN RELAY OUTPUT



**WIRING-  
TRAILER  
TOW 7-WAY**

WIRING-TRAILER TOW 7-WAY - BLACK (CHASSIS) 10 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	L674 18LG	TRAILER TOW RIGHT TURN RELAY OUTPUT
3	L1 18WT/LG	BACKUP LAMP FEED
4	A100 14RD/VT	FUSED B(+)
5	L678 18BR	FUSED PARK LAMP FEED
6	-	-
7	B40 14DG	TRAILER TOW BRAKE B(+)
8	Z927 14BK	GROUND
9	Z927 14BK	GROUND
10	L673 18YL	TRAILER TOW LEFT TURN RELAY OUTPUT