

2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5

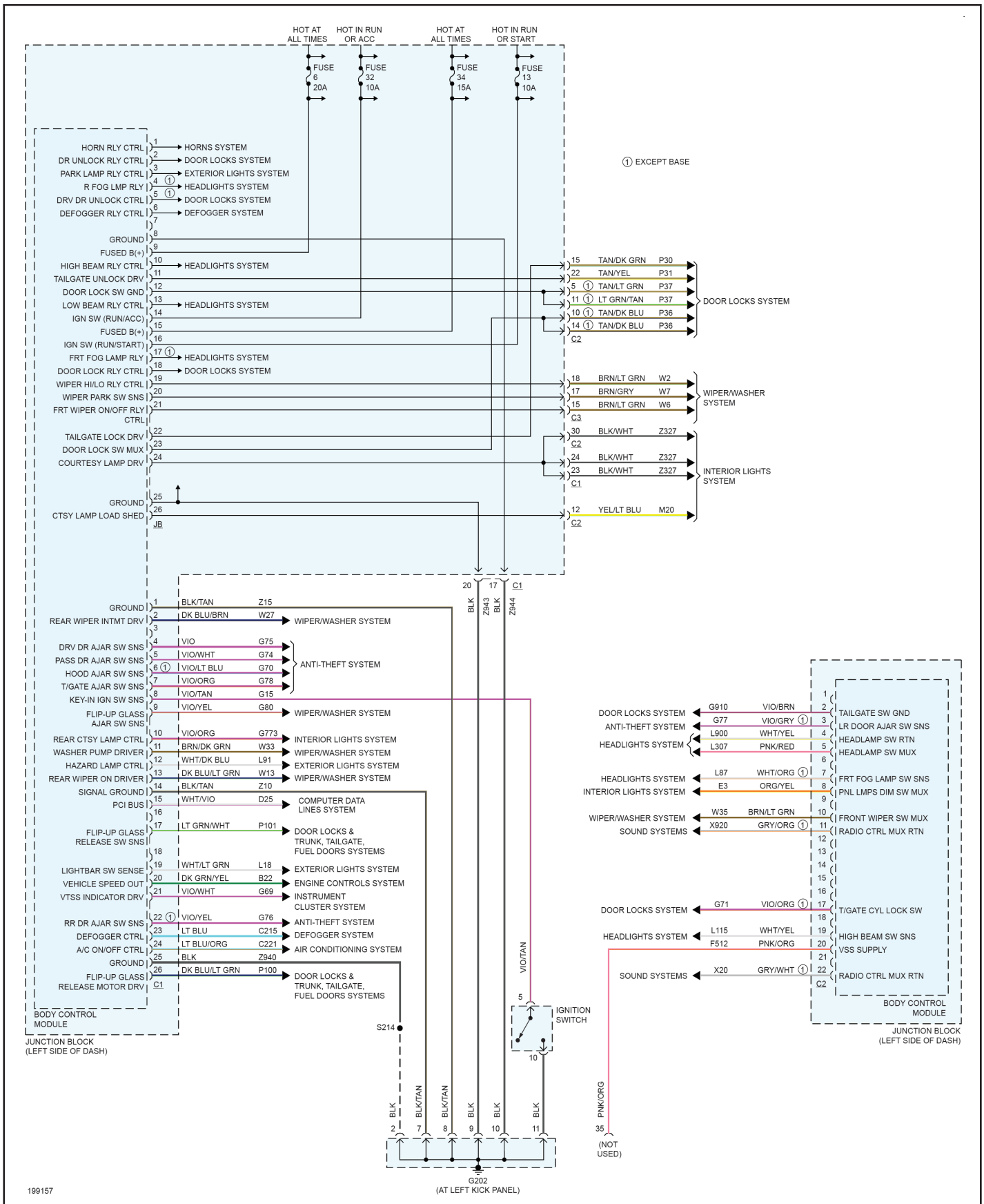
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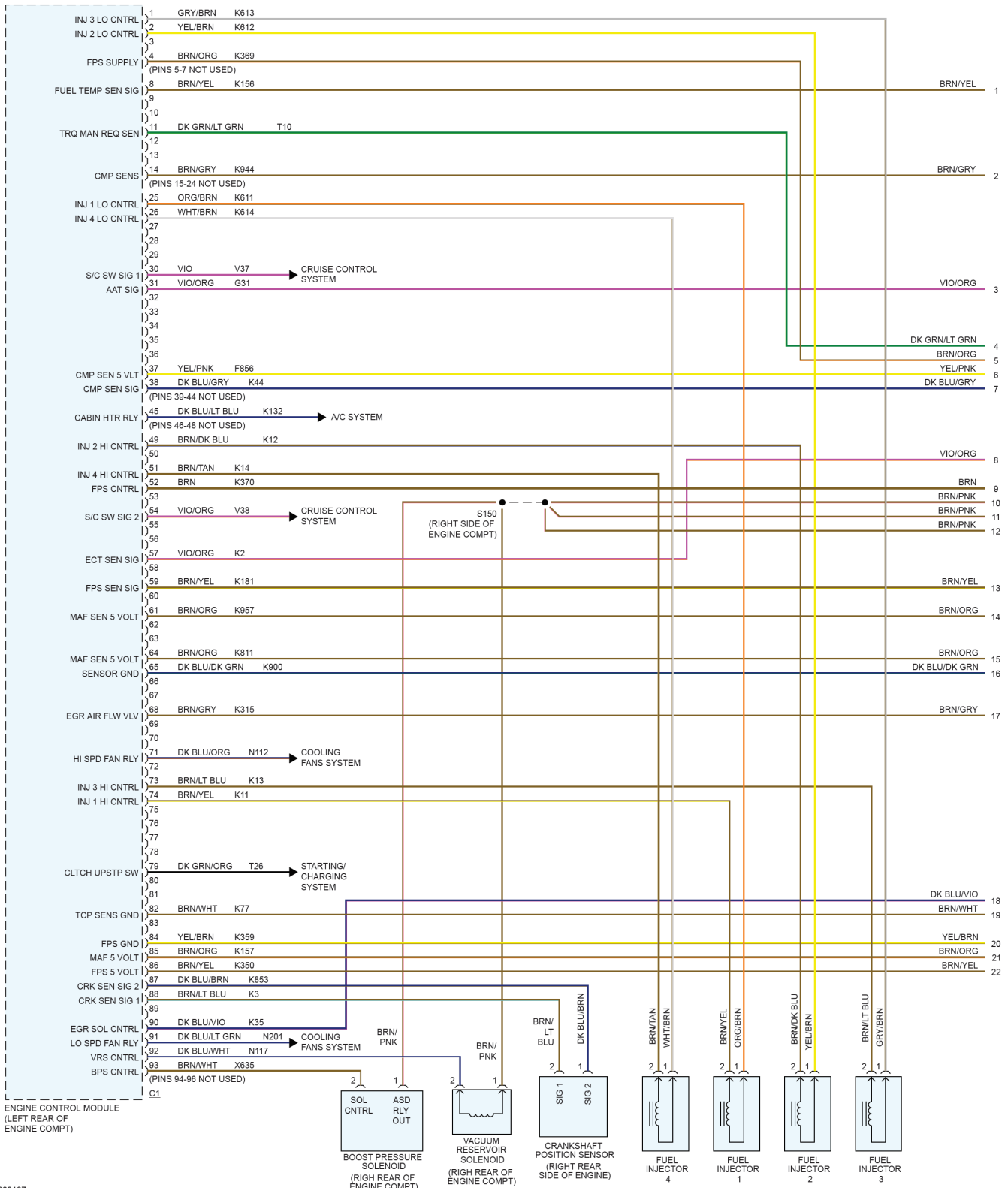
2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 INFORMATION BUS-COMPUTER DATA LINES



2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 BODY COMPUTER



2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 POWERTRAIN CONTROL MODULE

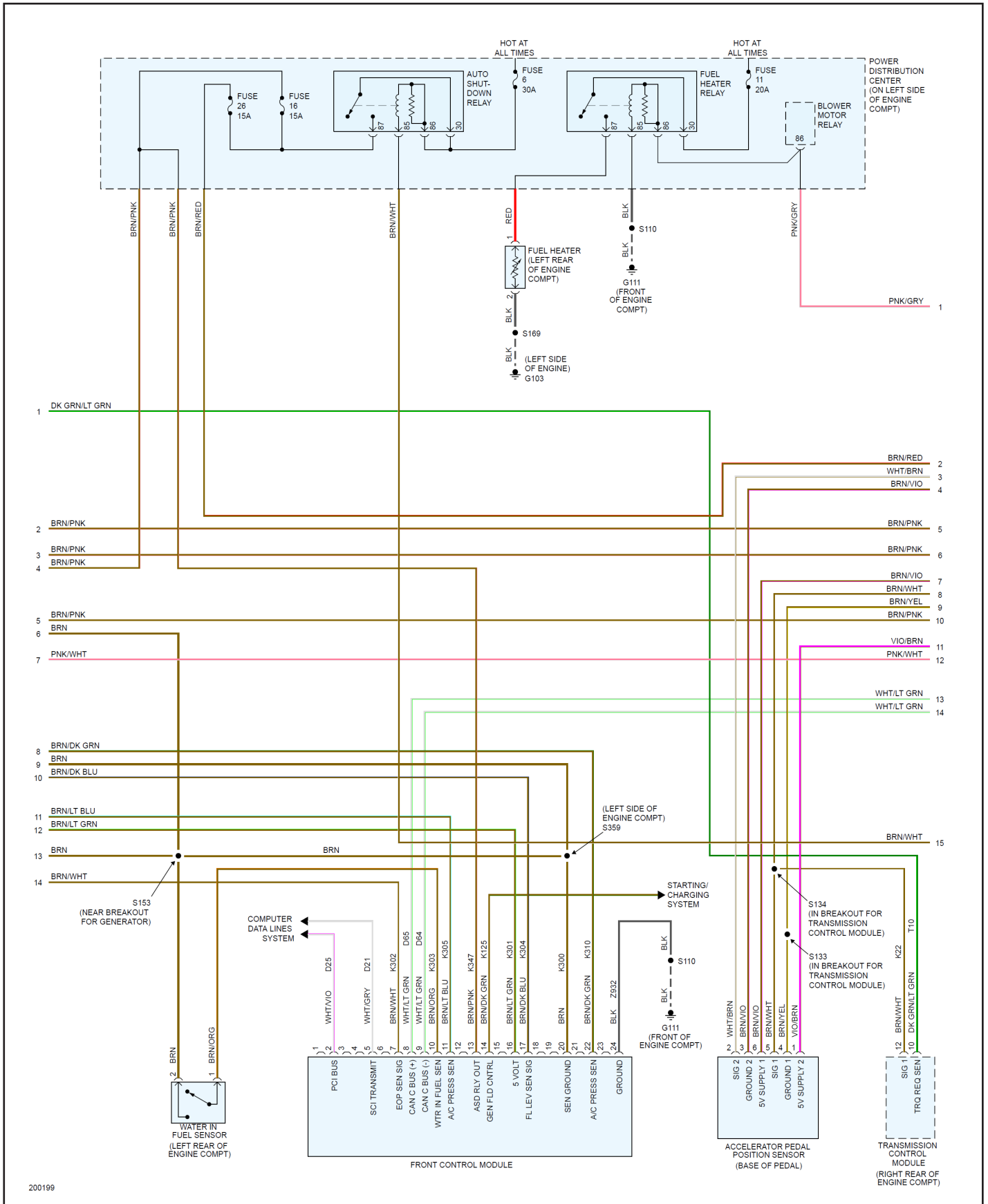


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POWERTRAIN CONTROL MODULE

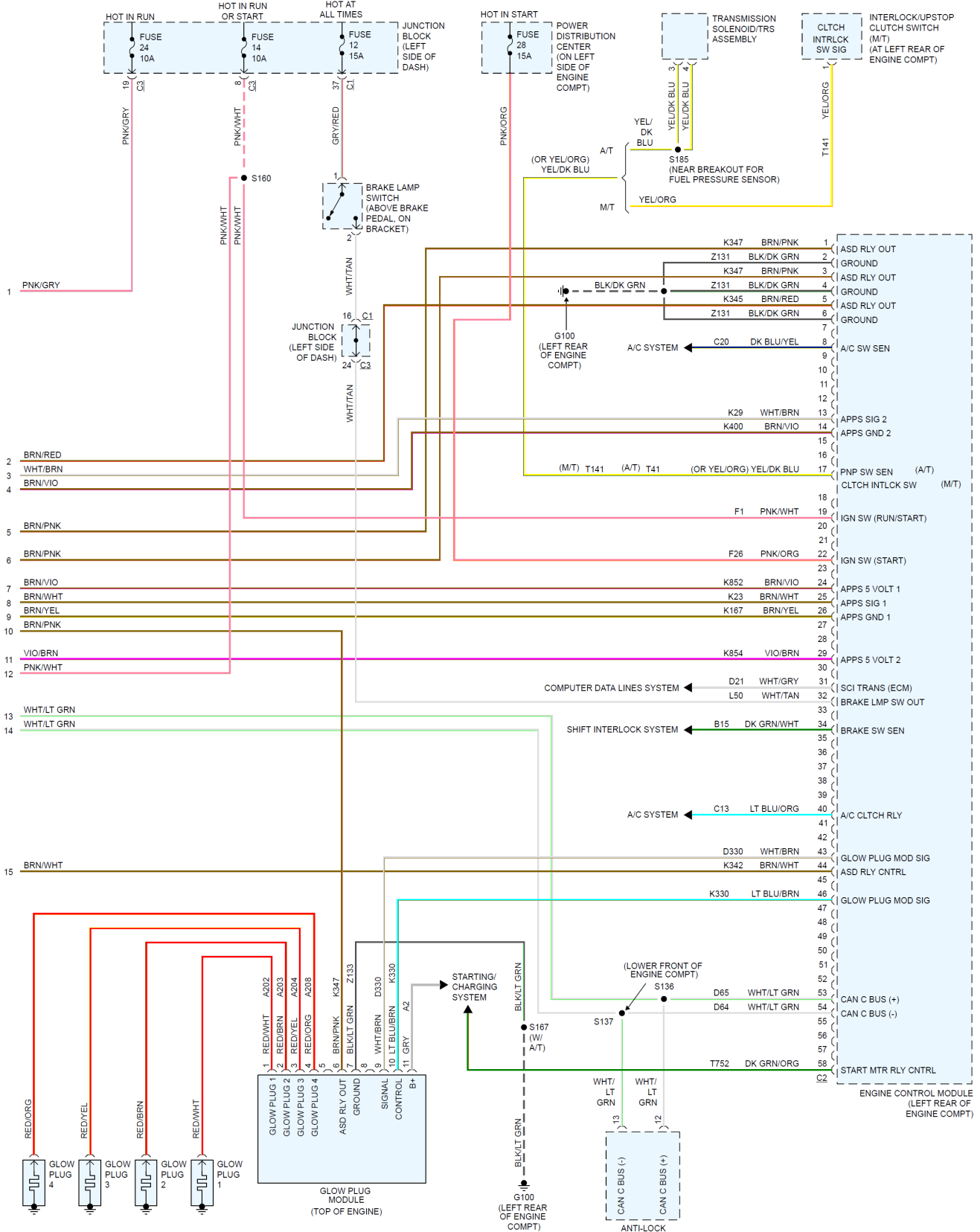


2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 POWERTRAIN CONTROL MODULE



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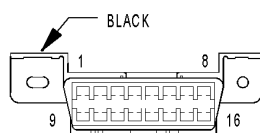
2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 POWERTRAIN CONTROL MODULE



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2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5

DATA LINK CONNECTOR

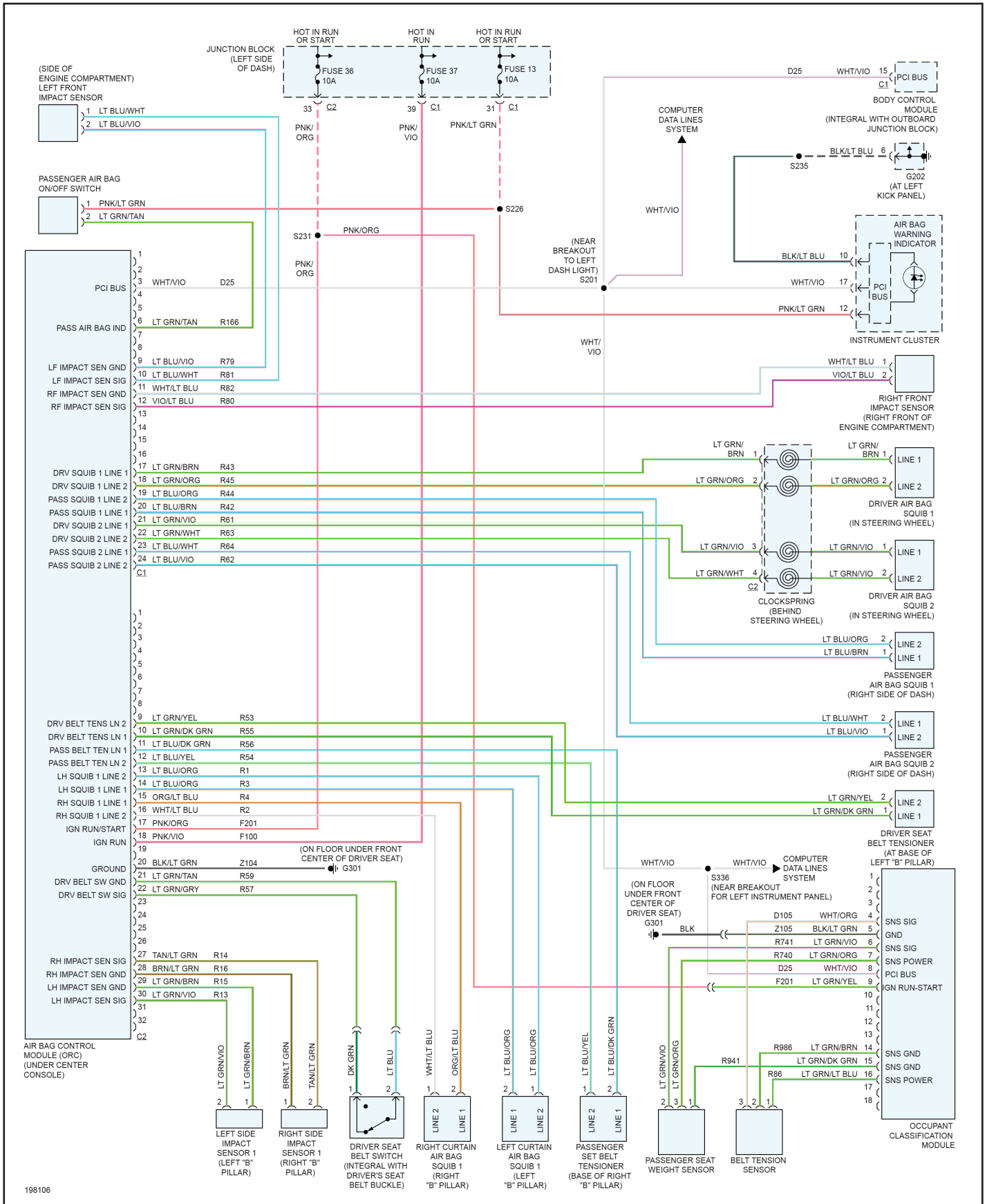


**DATA
LINK
CONNECTOR**

DATA LINK CONNECTOR - BLACK 16 WAY

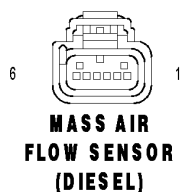
CAV	CIRCUIT	FUNCTION
1	-	-
2	D25 20WT/VT	PCI BUS
3	-	-
4	Z11 20BK/LG	GROUND
5	Z11 20BK/LG	GROUND
6	-	-
7	D21 20WT/GY (DIESEL)	SCI TRANSMIT (ECM)
7	D21 20WT/GY (GAS)	SCI TRANSMIT (PCM)
8	-	-
9	D16 20WT/OR	SCI RECEIVE (TCM)
10	-	-
11	-	-
12	D20 20WT/LG (DIESEL)	SCI RECEIVE (ECM)
12	D20 20WT/LG (GAS)	SCI RECEIVE (PCM)
13	-	-
14	-	-
15	D15 20BR/WT	SCI TRANSMIT (TCM)
16	A333 20WT/RD	FUSED B(+)

2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 SUPPLEMENTAL RESTRAINTS



198106

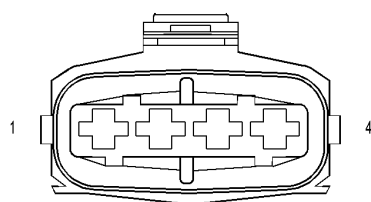
2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 MASS AIR FLOW METER SENSOR



MASS AIR FLOW SENSOR (DIESEL) - 6 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	K811 20BR/OR	MASS AIR FLOW SENSOR 5 VOLT SUPPLY
3	F1 20PK/WT	FUSED IGNITION SWITCH OUTPUT (RUN-START)
4	-	-
5	K957 20BR/OR	MASS AIR FLOW SENSOR GROUND
6	K157 20BR/OR	MASS AIR FLOW 5 VOLT SUPPLY

2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 INTAKE AIR TEMPERATURE/BOOST PRESSURE SENSOR

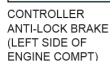


**INTAKE
AIR TEMPERATURE/
BOOST PRESSURE
SENSOR
(DIESEL)**

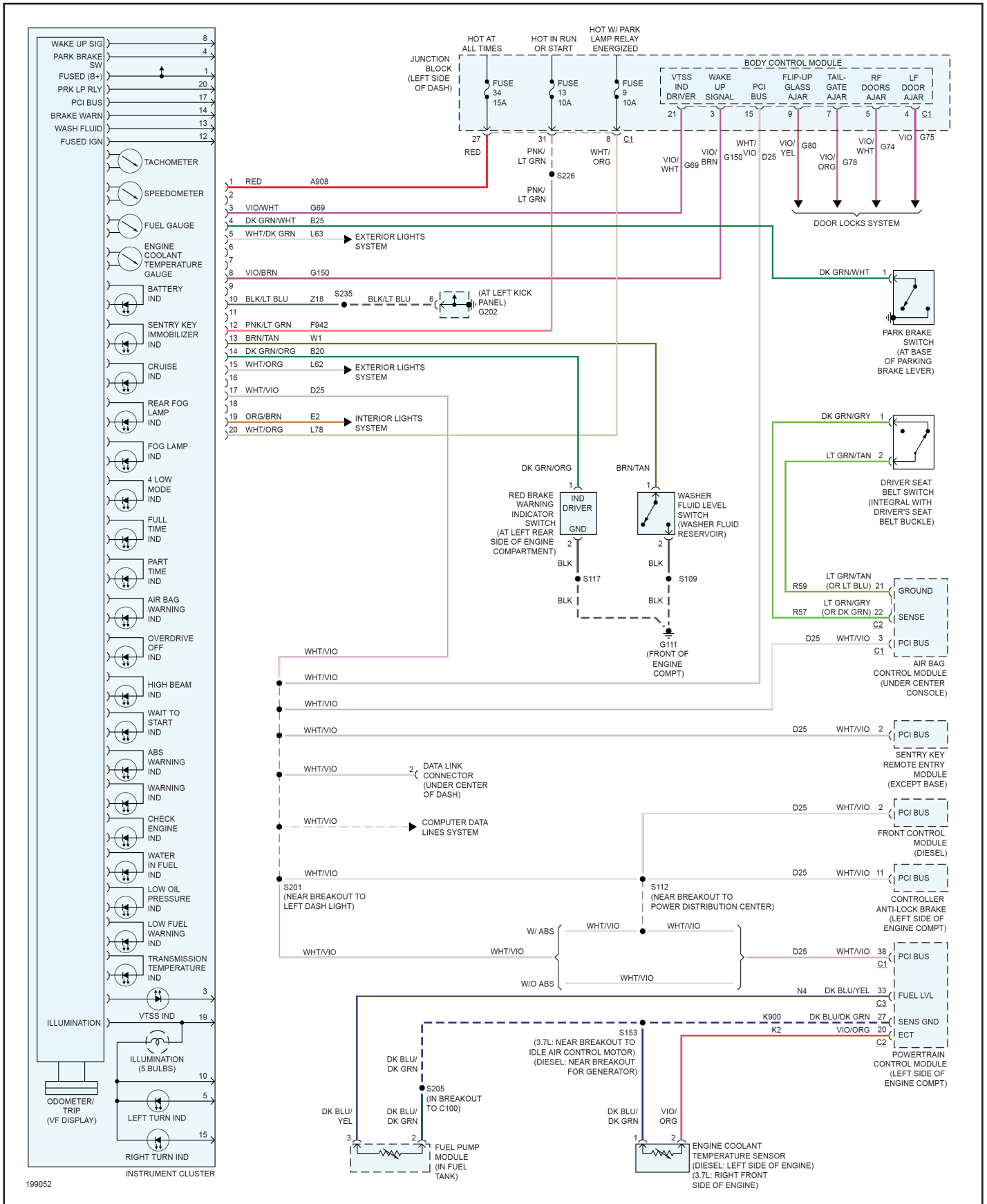
INTAKE AIR TEMPERATURE/BOOST PRESSURE SENSOR (DIESEL) - 4 WAY

CAV	CIRCUIT	FUNCTION
1	K656 20GY/BR	SENSOR GROUND
2	K21 20BR/WT	IAT SENSOR SIGNAL
3	K856 20BR/YL	BOOST PRESSURE SENSOR 5 VOLT SUPPLY
4	K37 20BR/OR	BOOST PRESSURE SENSOR SIGNAL

ANTI-LOCK BRAKES

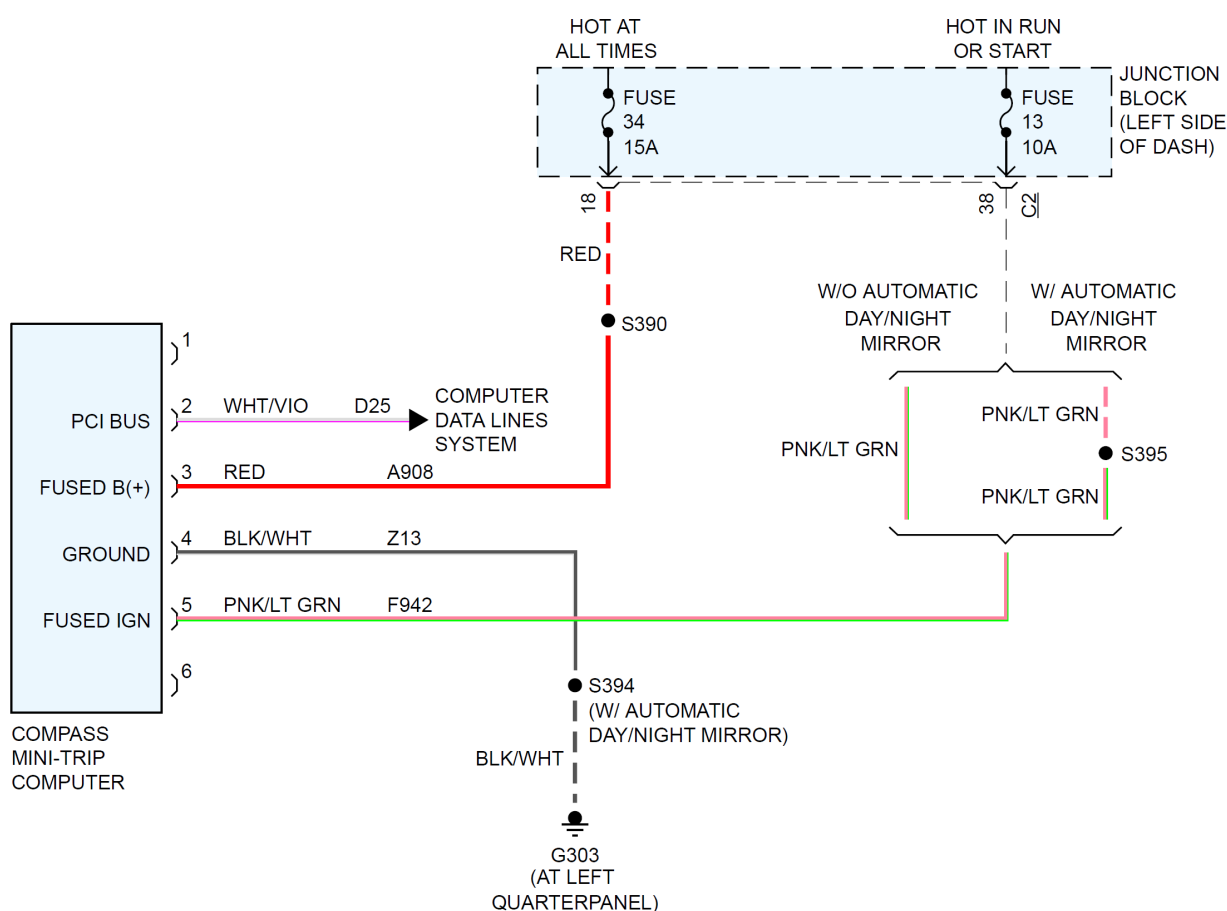


2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 INSTRUMENT CLUSTER CIRCUIT



199052

2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 INSTRUMENT CLUSTER - OVERHEAD CONSOLE CIRCUIT



199053

2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 CAMSHAFT POSITION SENSOR

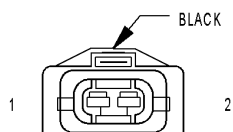


**CAMSHAFT
POSITION
SENSOR
(DIESEL)**

CAMSHAFT POSITION SENSOR (DIESEL) - 3 WAY

CAV	CIRCUIT	FUNCTION
1	K944 20BR/GY	CAMSHAFT POSITION SENSOR GROUND
2	K44 20DB/GY	CAMSHAFT POSITION SENSOR SIGNAL
3	F856 20YL/PK	CAMSHAFT POSITION SENSOR 5 VOLT SUPPLY

2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 ENGINE COOLANT TEMPERATURE SENSOR

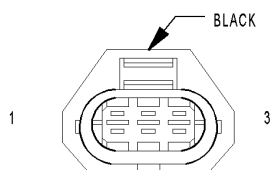


**ENGINE COOLANT
TEMPERATURE
SENSOR
(DIESEL)**

ENGINE COOLANT TEMPERATURE SENSOR (DIESEL) - 2 WAY

CAV	CIRCUIT	FUNCTION
1	K2 20V/T/CR	ECT SENSOR SIGNAL
2	K900 20DB/DG	SENSOR GROUND

2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 CRANKSHAFT POSITION SENSOR

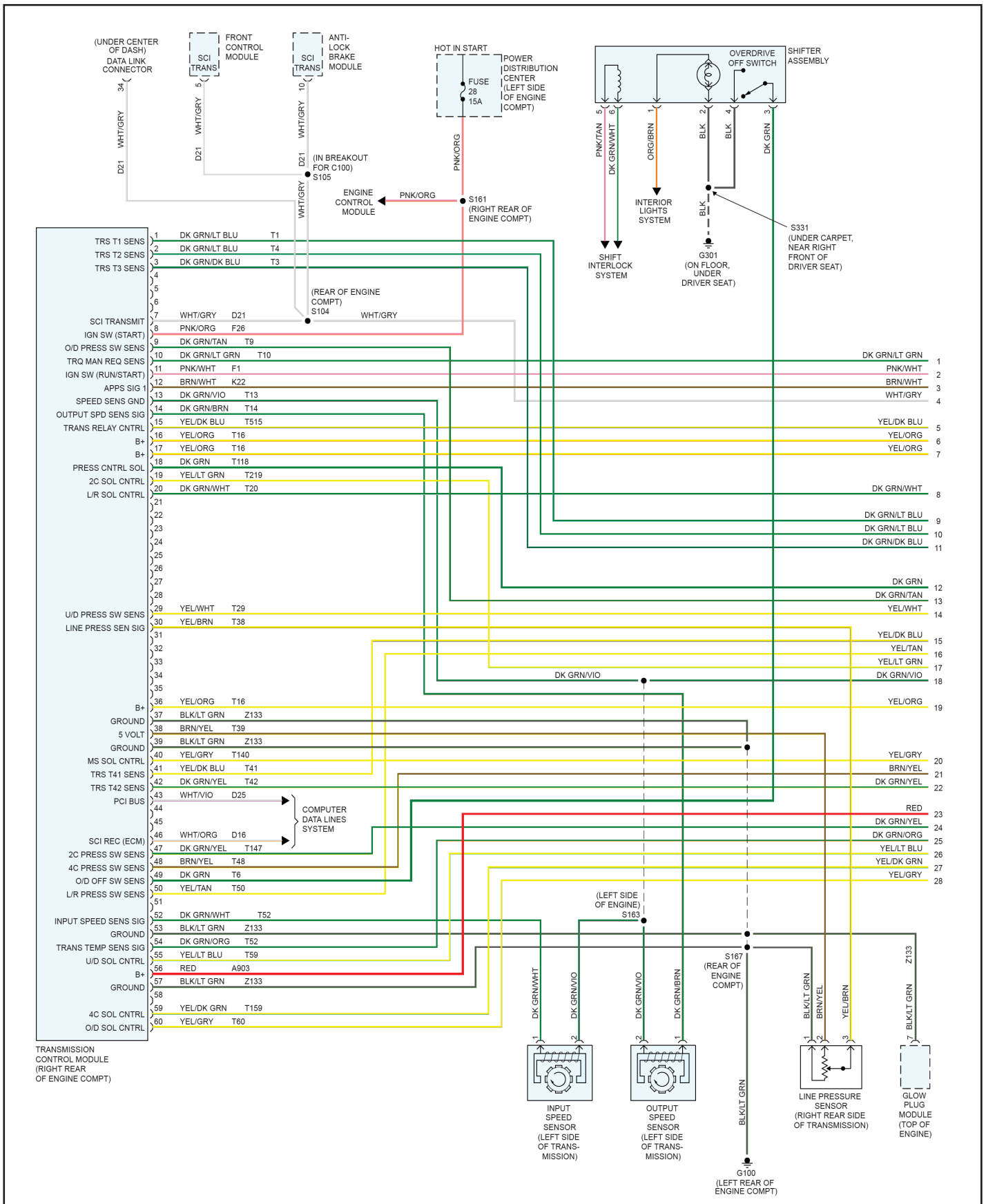


**CRANKSHAFT
POSITION
SENSOR
(DIESEL)**

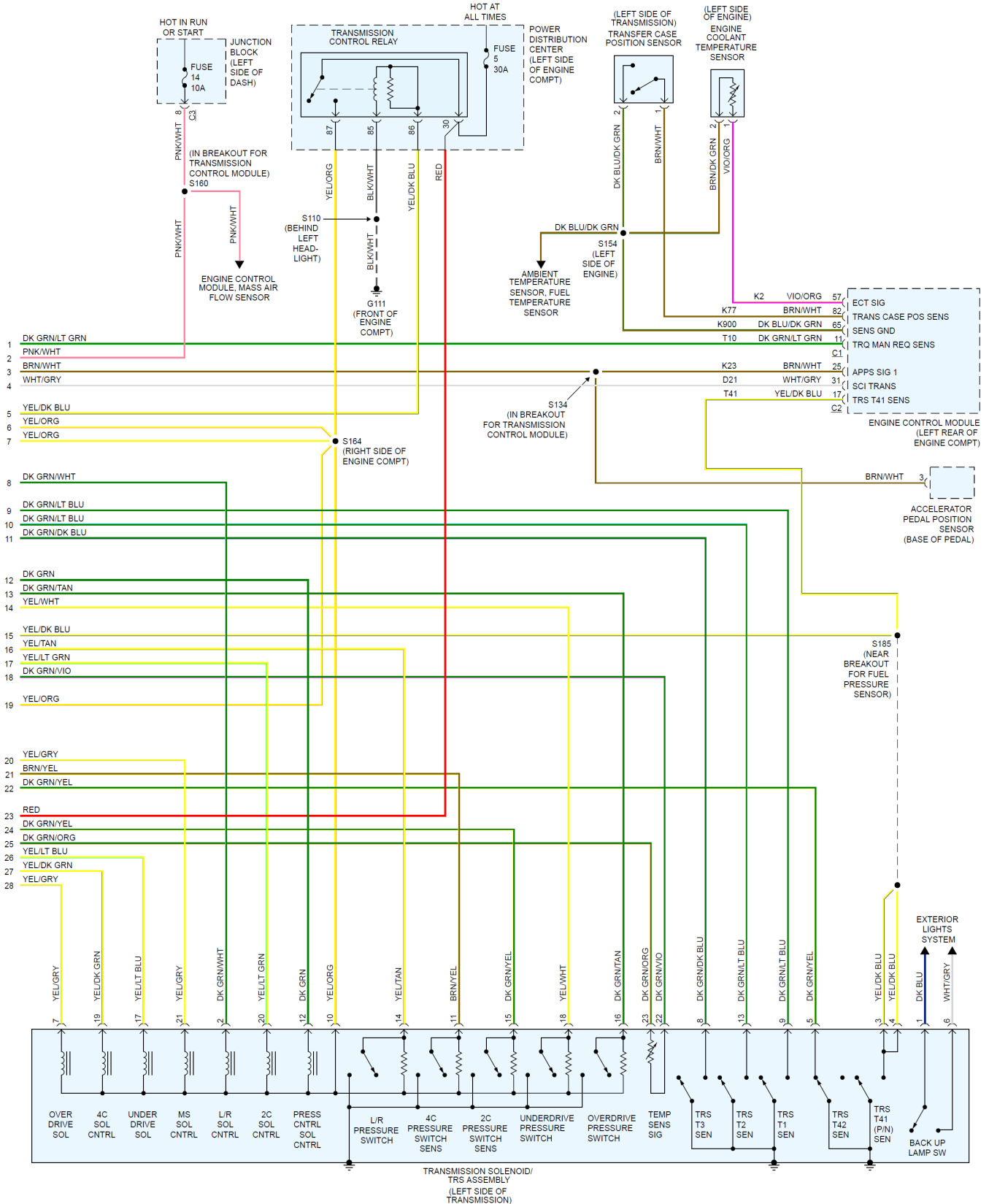
CRANKSHAFT POSITION SENSOR (DIESEL) - BLACK 3 WAY

CAV	CIRCUIT	FUNCTION
1	K853 20DB/BR	CRANKSHAFT POSITION SENSOR SIGNAL NO. 2
2	K3 20BR/LB	CRANKSHAFT POSITION SENSOR SIGNAL NO. 1
3	-	-

2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 TRANSMISSION CONTROL MODULE - A/T CIRCUIT

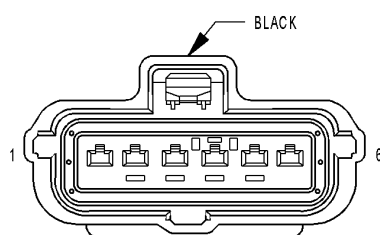


2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 TRANSMISSION CONTROL MODULE - A/T CIRCUIT



200203

2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 ACCELERATOR PEDAL POSITION SENSOR

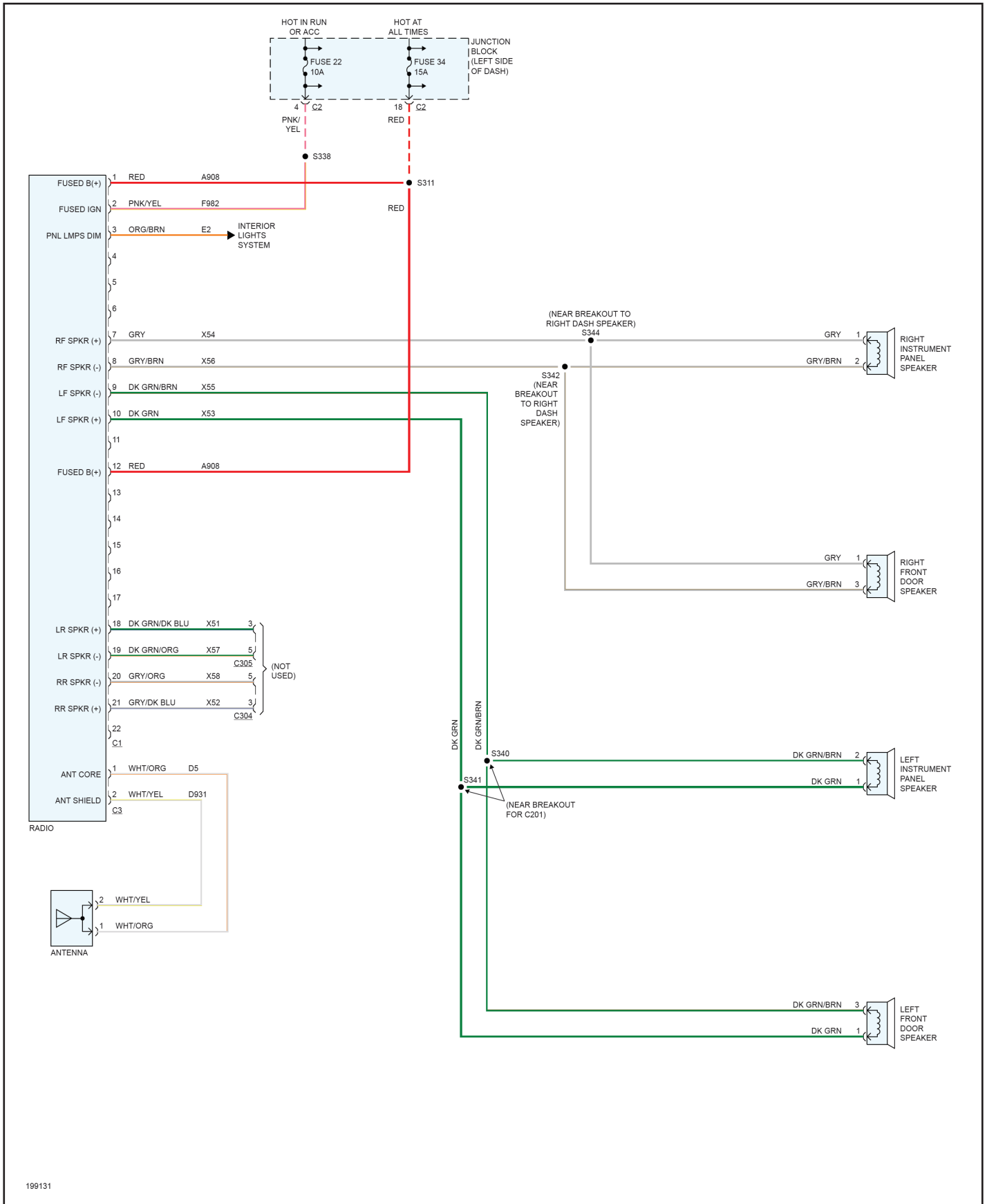


**ACCELERATOR
PEDAL
POSITION
SENSOR**

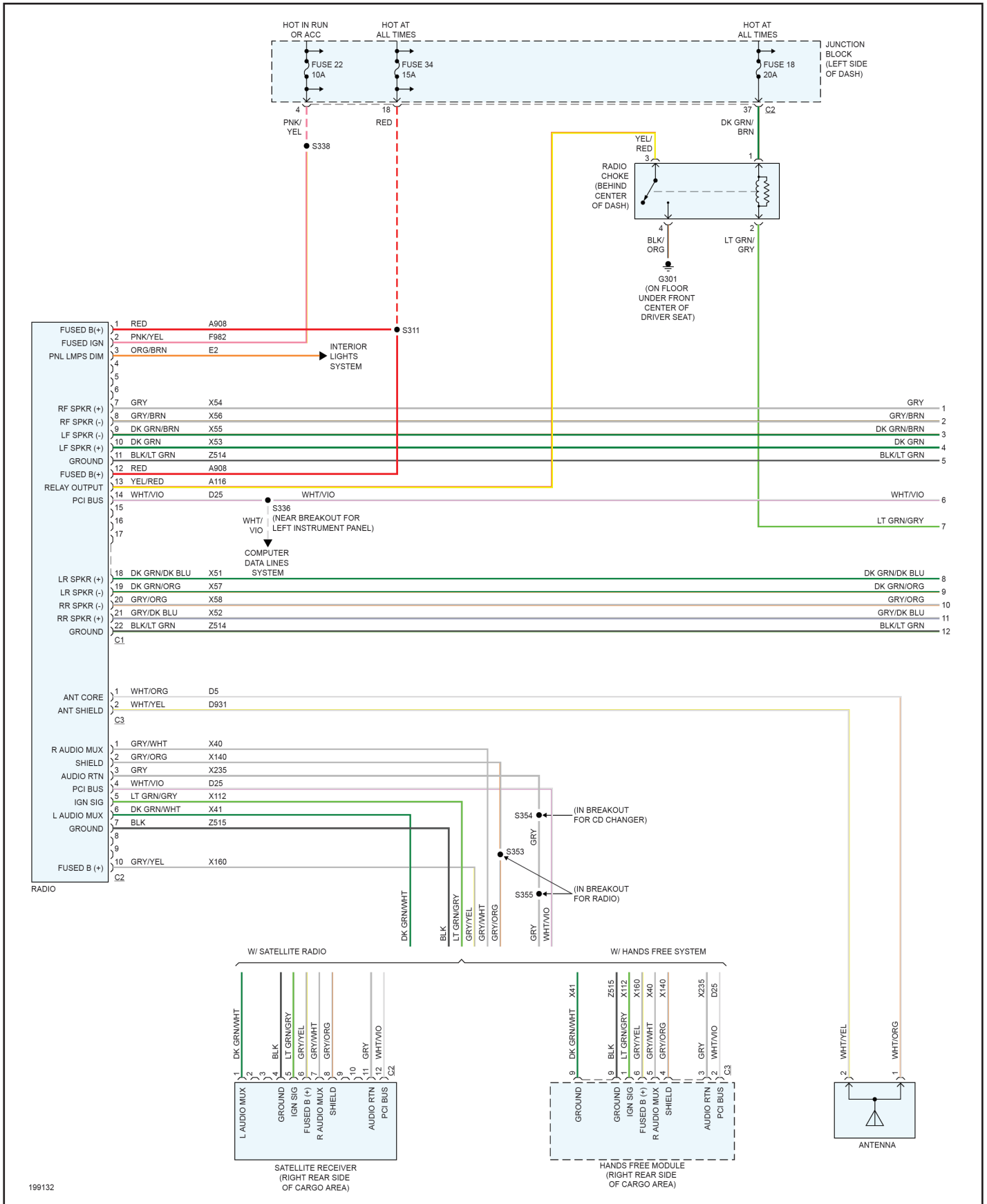
ACCELERATOR PEDAL POSITION SENSOR (DIESEL) - BLACK 6 WAY

CAV	CIRCUIT	FUNCTION
1	K854 20VT/BR	ACCELERATOR PEDAL POSITION SENSOR 5 VOLT SUPPLY 2
2	K29 20 VT/BR	ACCELERATOR PEDAL POSITION SENSOR SIGNAL 2
3	K400 20BR/VT	ACCELERATOR PEDAL POSITION SENSOR GROUND 2
4	K167 20BR/YL	ACCELERATOR PEDAL POSITION SENSOR GROUND 1
5	K23 20BR/VT	ACCELERATOR PEDAL POSITION SENSOR SIGNAL 1
6	K852 20BR/VT	ACCELERATOR PEDAL POSITION SENSOR 5 VOLT SUPPLY 1

2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 SOUND SYSTEMS - BASE

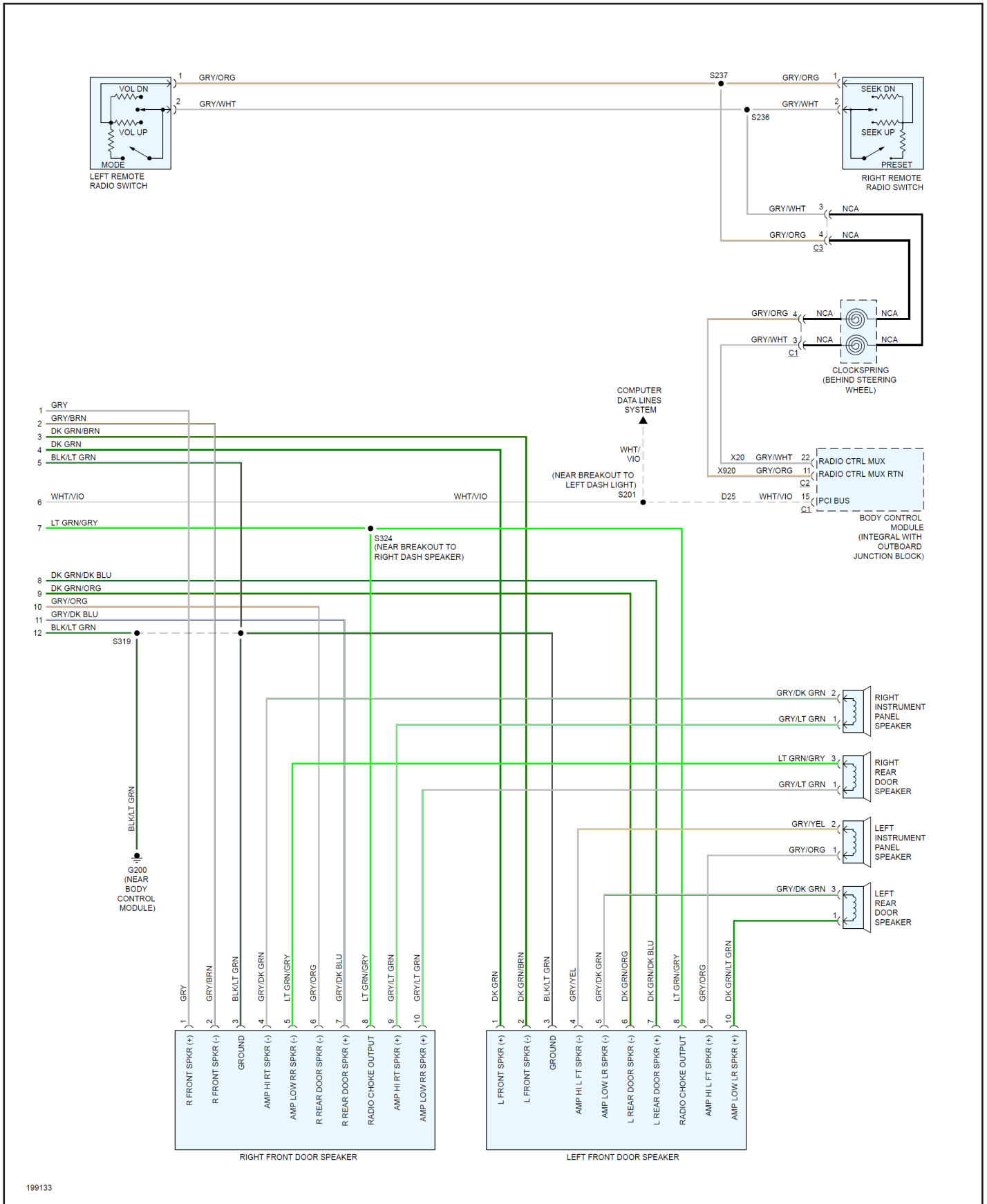


2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 SOUND SYSTEMS - PREMIUM

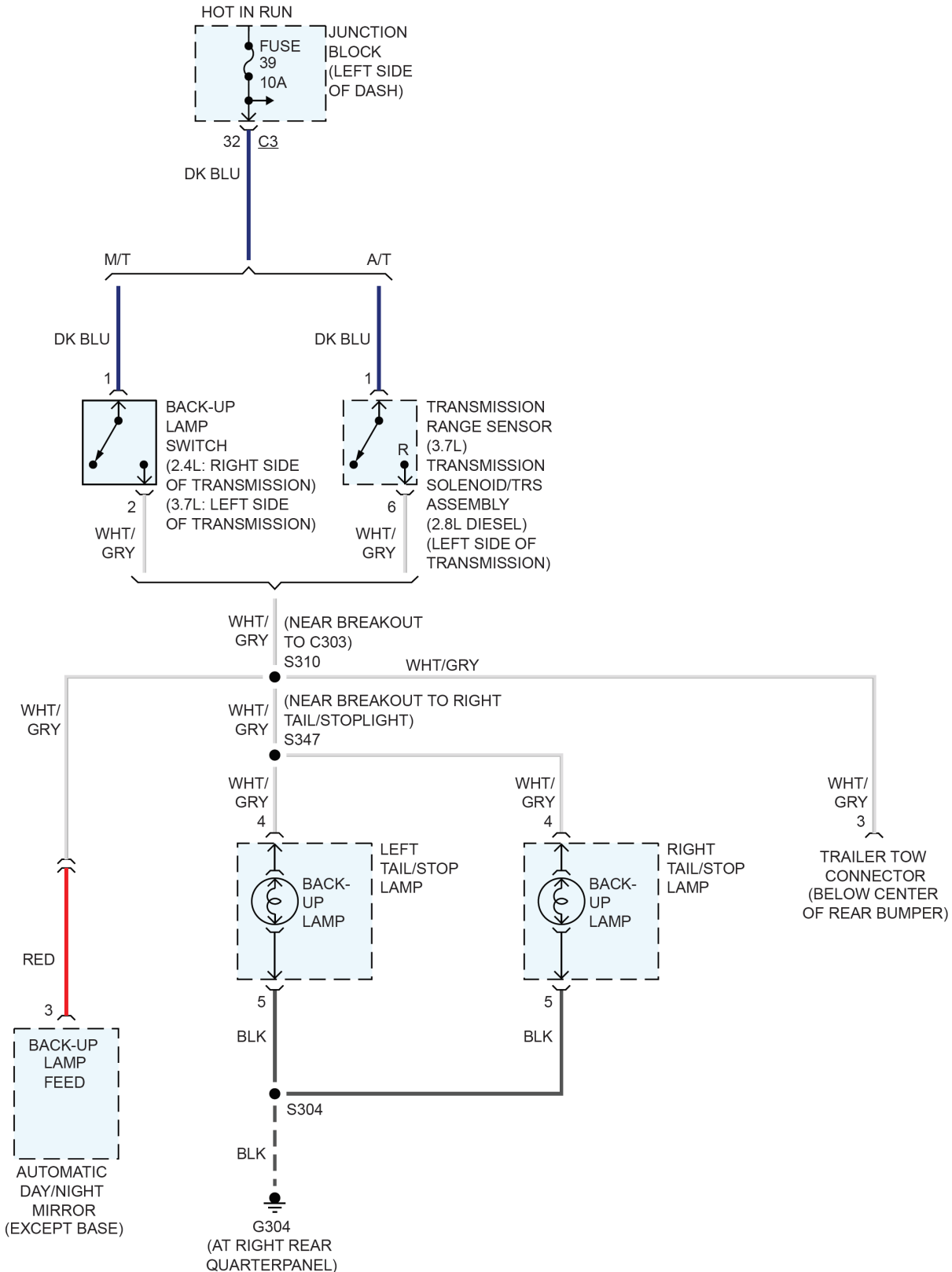


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2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 SOUND SYSTEMS - PREMIUM

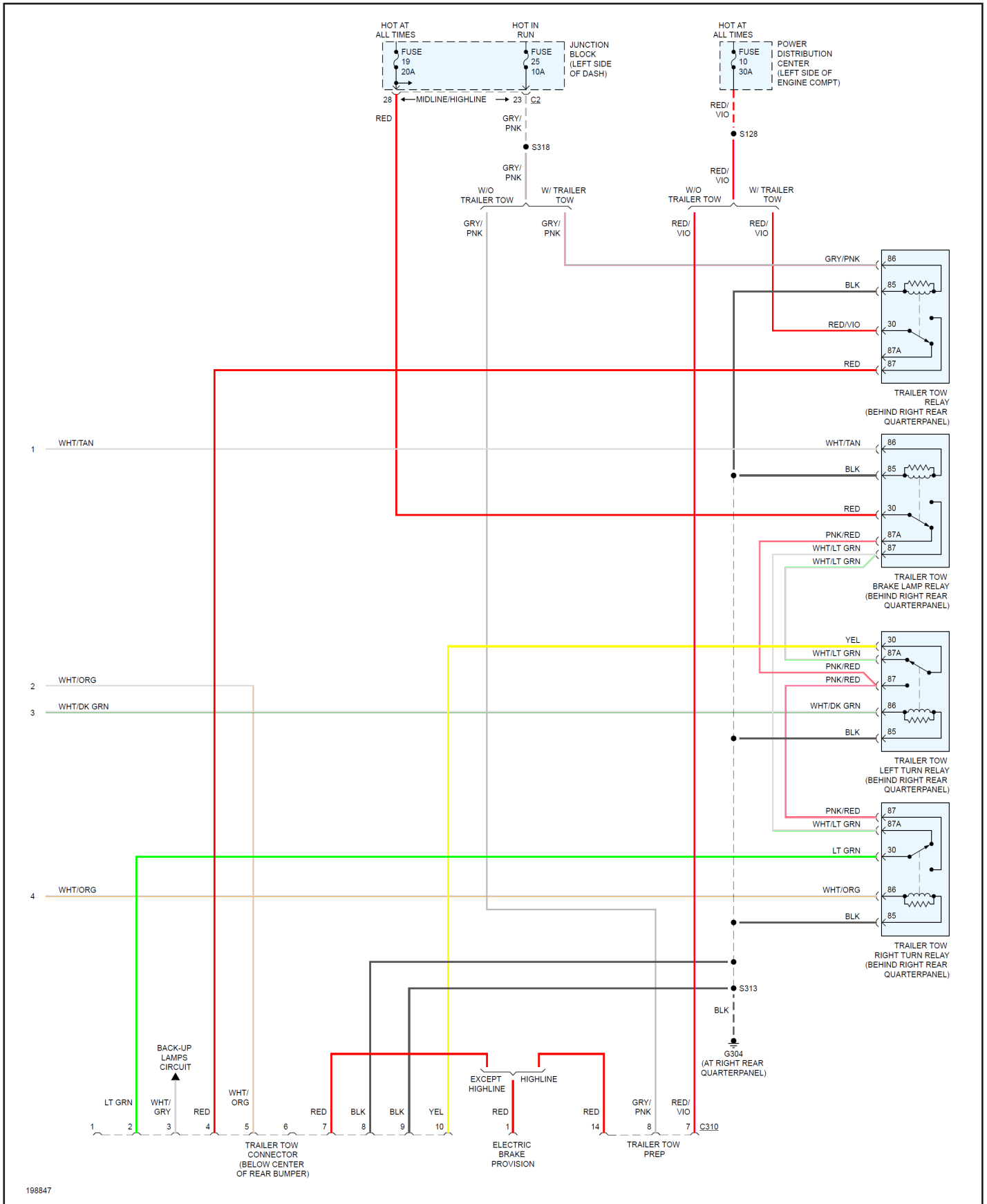


2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 EXTERIOR LIGHTS - BACK-UP LAMPS CIRCUIT



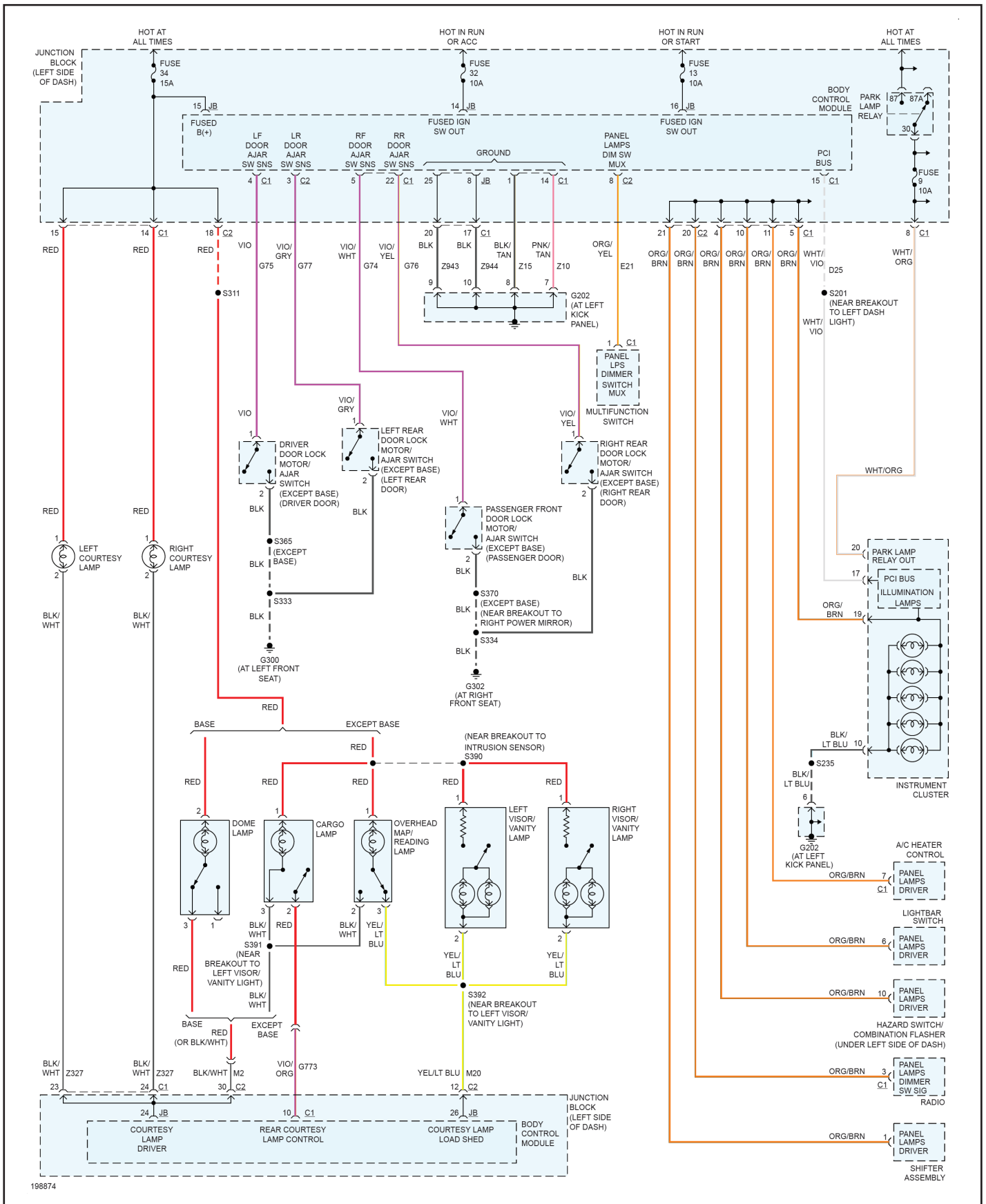
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2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 EXTERIOR LIGHTS - EXTERIOR LAMPS CIRCUIT

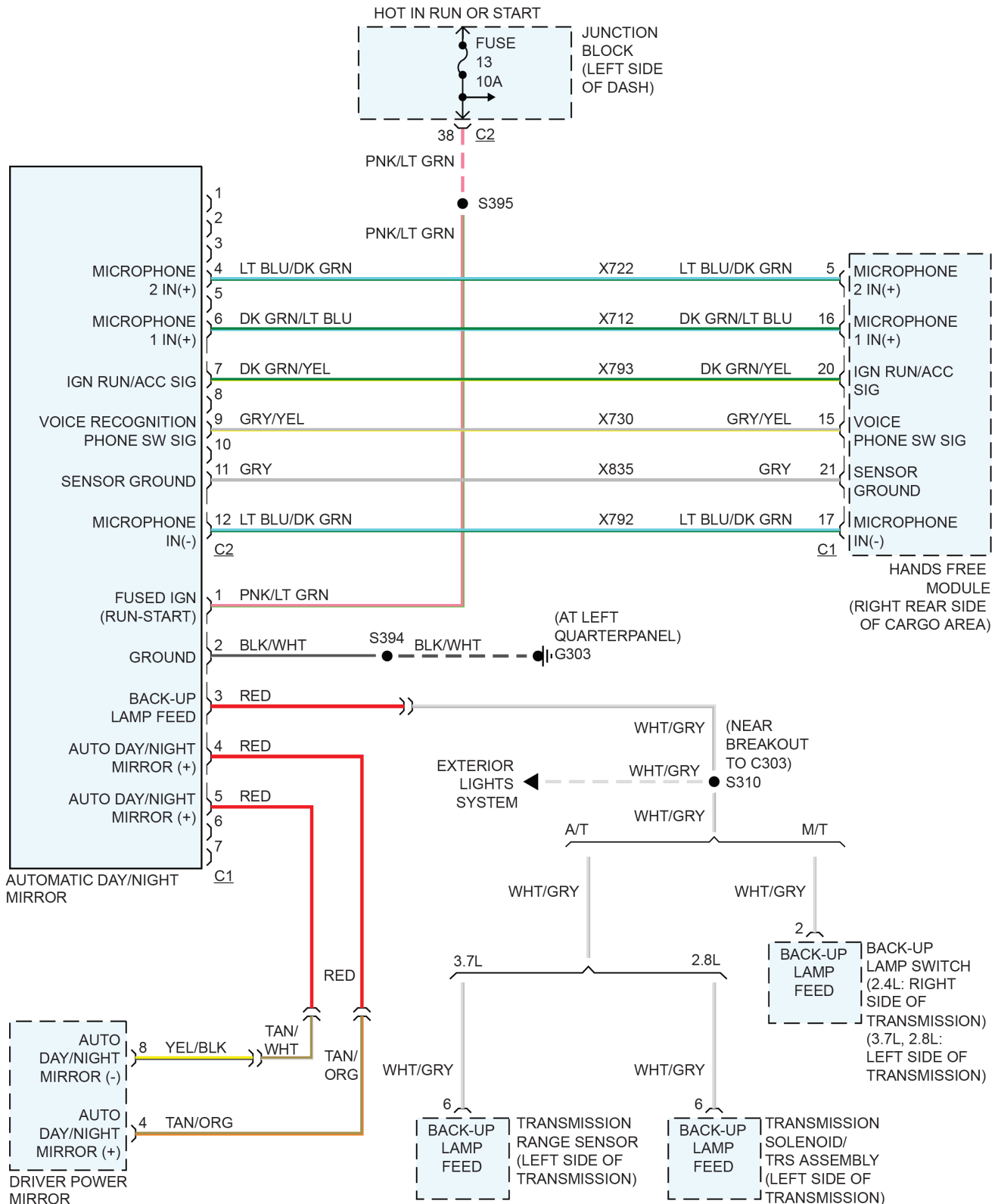


198847

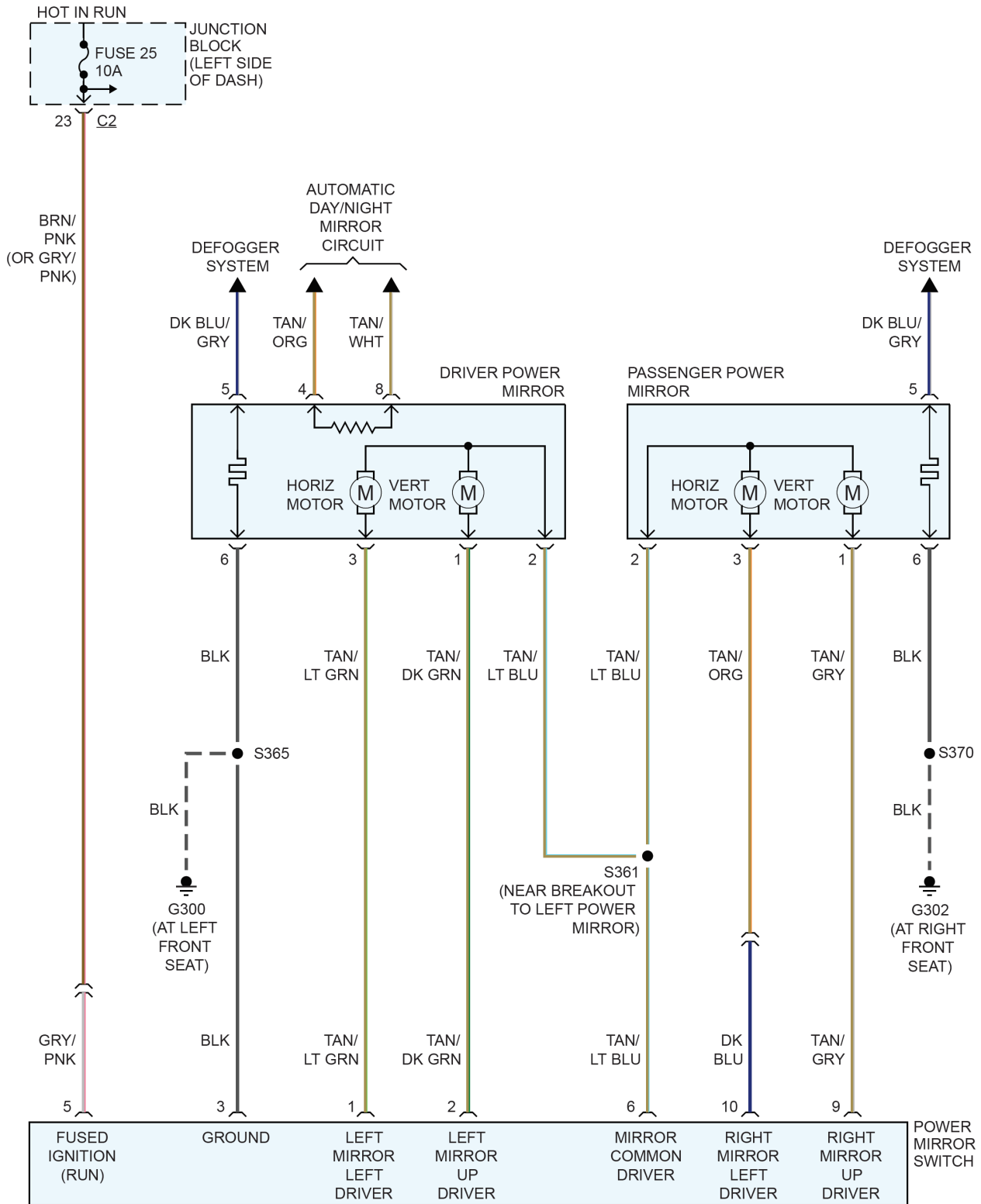
2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 INTERIOR LIGHTS



2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 MIRRORS - AUTOMATIC DAY/NIGHT MIRROR CIRCUIT

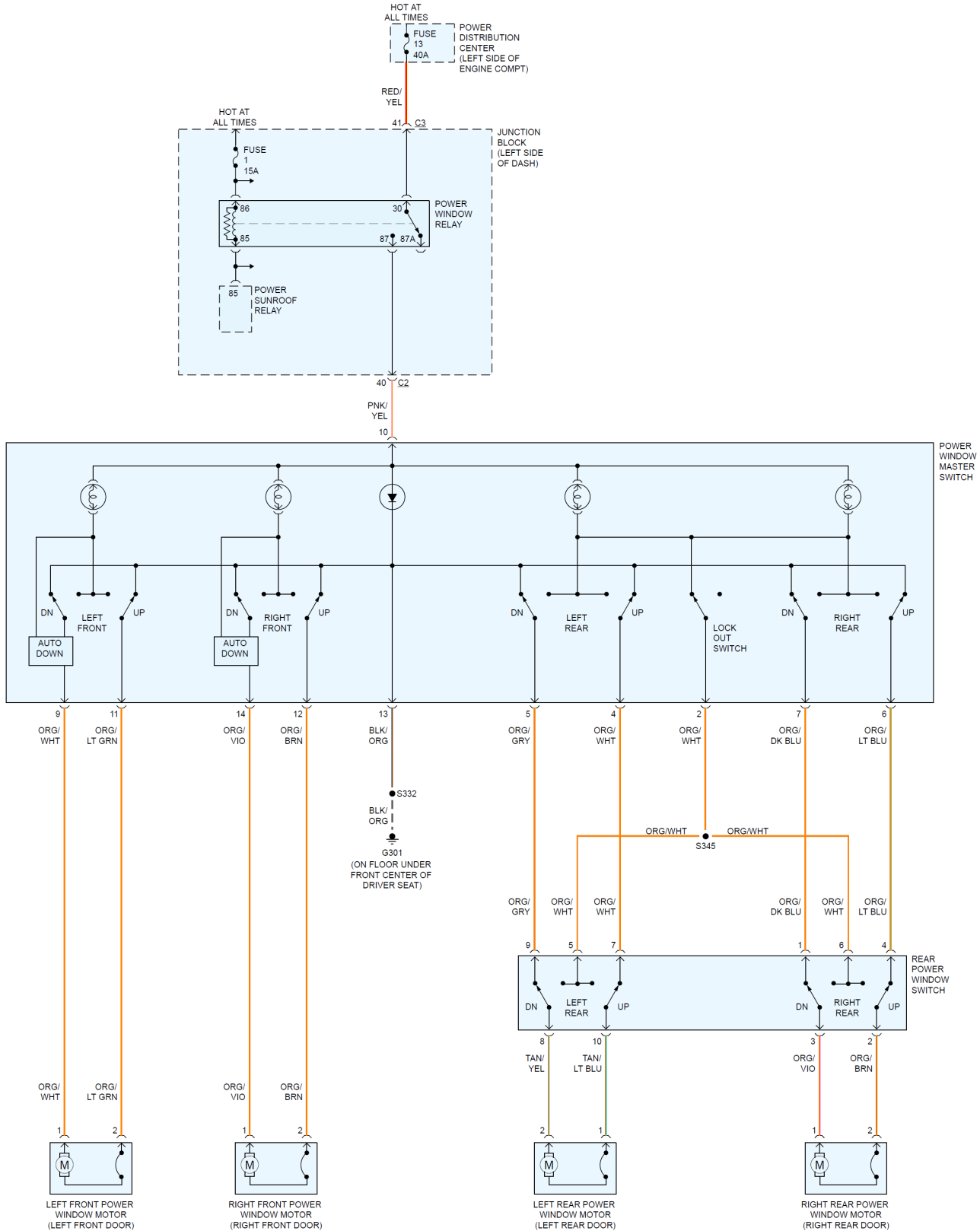


2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 MIRRORS - POWER MIRRORS CIRCUIT



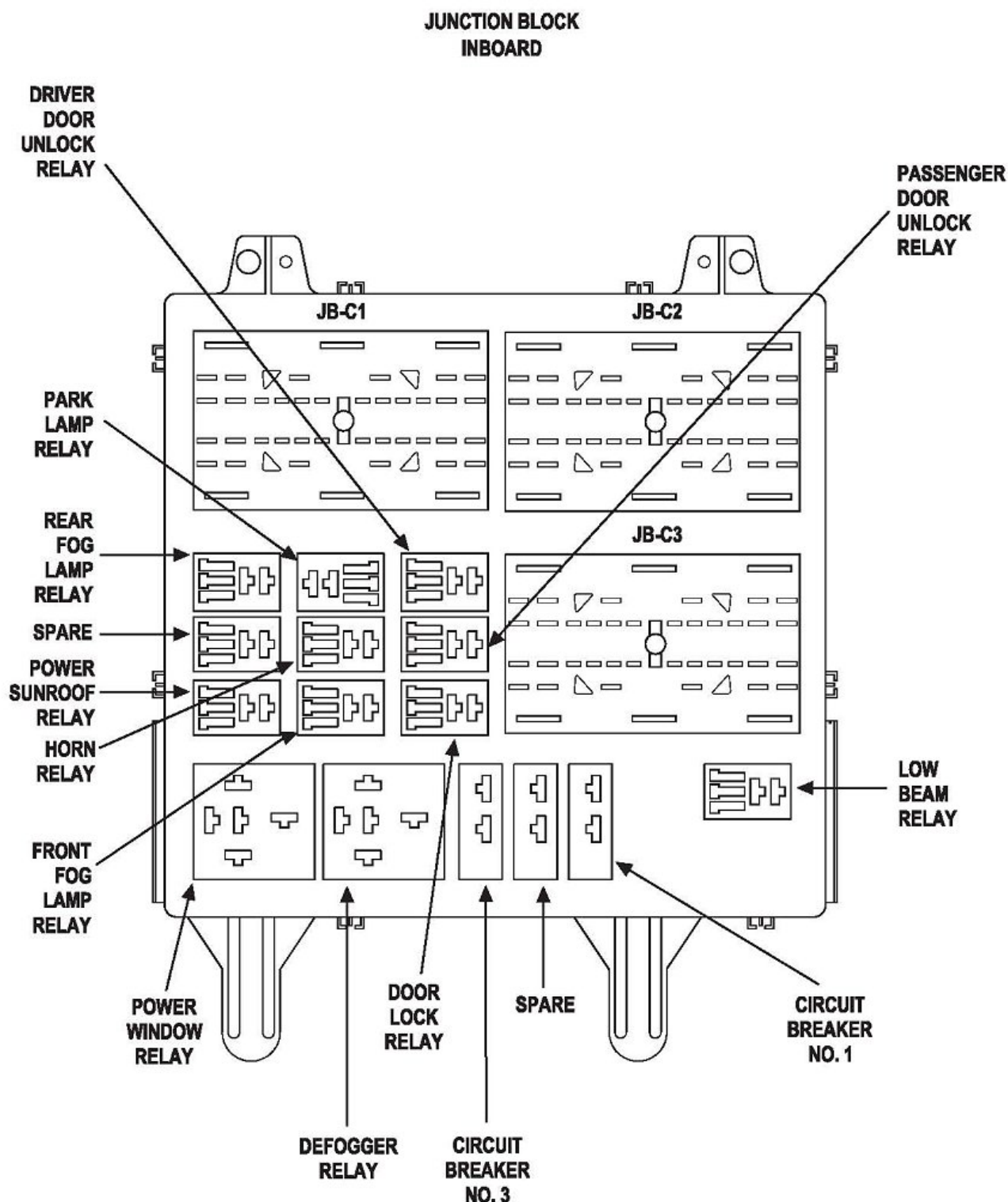
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2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 POWER WINDOWS

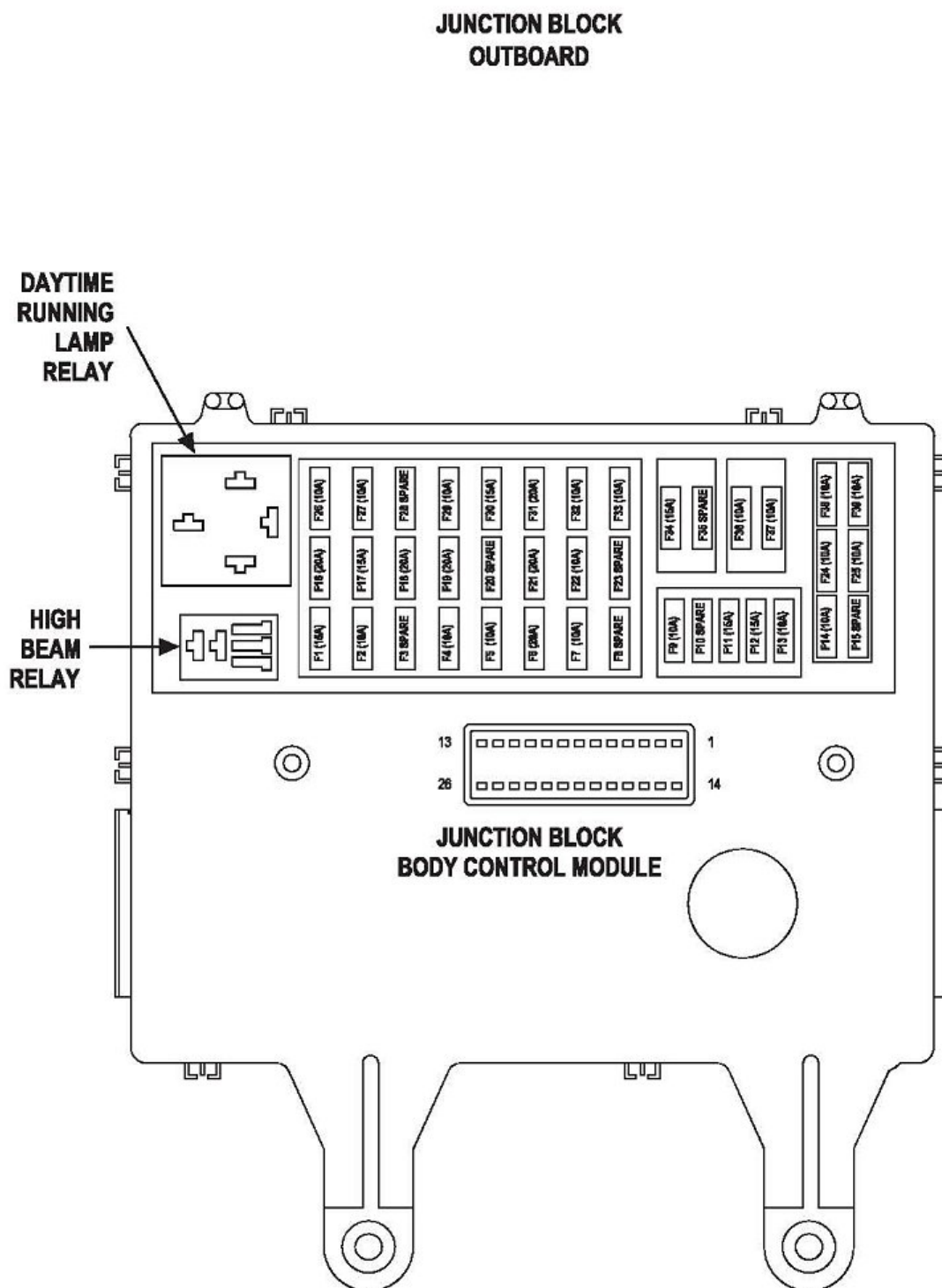


198556

2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 JUNCTION BLOCK



2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 JUNCTION BLOCK



2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5

JUNCTION BLOCK

FUSES

FUSE NO.	AMPS	FUSED CIRCUIT	FUNCTION
1	15A	INTERNAL	FUSED B(+)
2	10A	INTERNAL	FUSED B(+)
3	-	-	-
4	10A	L44 18WT/TN	FUSED RIGHT LOW BEAM OUTPUT
5	10A	L43 18WT/DB	FUSED LEFT LOW BEAM OUTPUT
6	20A	INTERNAL	FUSED B(+)
7	10A	INTERNAL	FUSED PARK LAMP RELAY OUTPUT
8	-	-	-
9	10A	INTERNAL	FUSED PARK LAMP RELAY OUTPUT
10	-	-	-
11	15A	A107 18BR/RD	FUSED B(+)
12	15A	A103 18GY/RD	FUSED B(+)
13	10A	INTERNAL	FUSED IGNITION SWITCH OUTPUT (RUN-START)
14	10A	INTERNAL	FUSED IGNITION SWITCH OUTPUT (RUN-START)
15	-	-	-
16	20A	A305 16RD/LB	FUSED B(+)
17	15A	A44 18RD/OR	FUSED B(+)
18	20A	X1 16DG/BR	FUSED B(+)
19	20A	A913 16RD	FUSED B(+)
19	20A	INTERNAL	FUSED B(+)
20	-	-	-
21	20A	A130 16VT/RD	FUSED B(+)
22	10A	INTERNAL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
23	-	-	-
24	10A	F20 20PK/GY	FUSED IGNITION SWITCH OUTPUT (RUN)
25	10A	INTERNAL	FUSED IGNITION SWITCH OUTPUT (RUN)
26	10A	L34 18WT/GY	FUSED RIGHT HIGH BEAM OUTPUT
27	10A	L33 18WT/LG	FUSED LEFT HIGH BEAM OUTPUT
28	-	-	-
29	10A	INTERNAL	FUSED REAR WINDOW DEFOGGER RELAY OUTPUT
30	15A	A3 16RD/WT	FUSED B(+)

▼ BASE

▼▼ EXCEPT BASE

■ LHD HIGHLINE/RHD

J058W-2

KJ501204

2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 JUNCTION BLOCK

FUSES (CONTINUED)

FUSE NO.	AMPS	FUSED CIRCUIT	FUNCTION
31	20A ●●	F307 16LB/PK	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
31	20A ●	A207 16RD/LG	FUSED B(+)
32	10A	F943 20PK/LG	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
33	10A	INTERNAL	FUSED B(+)
34	15A	INTERNAL	FUSED B(+)
35	-	-	-
36	10A	INTERNAL	FUSED IGNITION SWITCH OUTPUT (RUN-START)
37	10A	F100 20PK/VT	FUSED IGNITION SWITCH OUTPUT (RUN)
38	10A	INTERNAL	FUSED IGNITION SWITCH OUTPUT (RUN)
39	10A	INTERNAL	FUSED IGNITION SWITCH OUTPUT (RUN)

CIRCUIT BREAKERS

C.B.	AMPS	FUSED CIRCUIT	FUNCTION
1	25A ◆◆◆◆	F37 14RD/LB	FUSED B(+)
2	-	SPARE	-
3	20A ●	V6 16DB/YL	WINDSHIELD WIPER SYSTEM FEED
	20A ●●	V6 14DB/YL	WINDSHIELD WIPER SYSTEM FEED

◆◆◆◆ MIDLINE/HIGHLINE
● LHD
●● RHD

2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5

JUNCTION BLOCK

DEFOGGER RELAY

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	INTERNAL	REAR WINDOW DEFOGGER RELAY CONTROL
86	INTERNAL	FUSED IGNITION SWITCH OUTPUT (RUN)
87	INTERNAL	REAR WINDOW DEFOGGER RELAY OUTPUT
87A	-	-

DOOR LOCK RELAY

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	LOCK RELAY OUTPUT
85	INTERNAL	FUSED B(+)
86	INTERNAL	DOOR LOCK RELAY CONTROL
87	INTERNAL	FUSED B(+)
87A	INTERNAL	GROUND

DRIVER DOOR UNLOCK RELAY

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	DRIVER DOOR UNLOCK RELAY OUTPUT
85	INTERNAL	DRIVER DOOR UNLOCK RELAY CONTROL
86	INTERNAL	FUSED B(+)
87	INTERNAL	FUSED B(+)
87A	INTERNAL	GROUND

FRONT FOG LAMP RELAY

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	INTERNAL	FRONT FOG LAMP RELAY CONTROL
86	INTERNAL	FUSED B(+)
87	INTERNAL	FRONT FOG LAMP RELAY OUTPUT
87A	-	-

2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5

JUNCTION BLOCK

HIGH BEAM RELAY

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	INTERNAL	FUSED B(+)
86	INTERNAL	HIGH BEAM RELAY CONTROL
87	INTERNAL	FRONT FOG LAMP RELAY OUTPUT
87A	-	-

HORN RELAY

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	INTERNAL	HORN RELAY CONTROL
86	INTERNAL	FUSED B(+)
87	INTERNAL	HORN RELAY OUTPUT
87A	-	-

LOW BEAM RELAY

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	INTERNAL	FUSED B(+)
86	INTERNAL	LOW BEAM RELAY CONTROL
87	INTERNAL	LOW BEAM RELAY OUTPUT
87A	-	-

PARK LAMP RELAY

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	PARK LAMP RELAY OUTPUT
85	INTERNAL	PARK LAMP RELAY CONTROL
86	INTERNAL	FUSED B(+)
87	INTERNAL	FUSED B(+)
87A	INTERNAL	GROUND

2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 JUNCTION BLOCK

PASSENGER DOOR UNLOCK RELAY

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	UNLOCK RELAY OUTPUT
85	INTERNAL	DOOR UNLOCK RELAY CONTROL
86	INTERNAL	FUSED B(+)
87	INTERNAL	FUSED B(+)
87A	INTERNAL	GROUND

POWER WINDOW RELAY

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	INTERNAL	ACCESSORY DELAY RELAY CONTROL
86	INTERNAL	FUSED B(+)
87	INTERNAL	IGNITION SWITCH OUTPUT (RUN-ACC)
87A	-	-

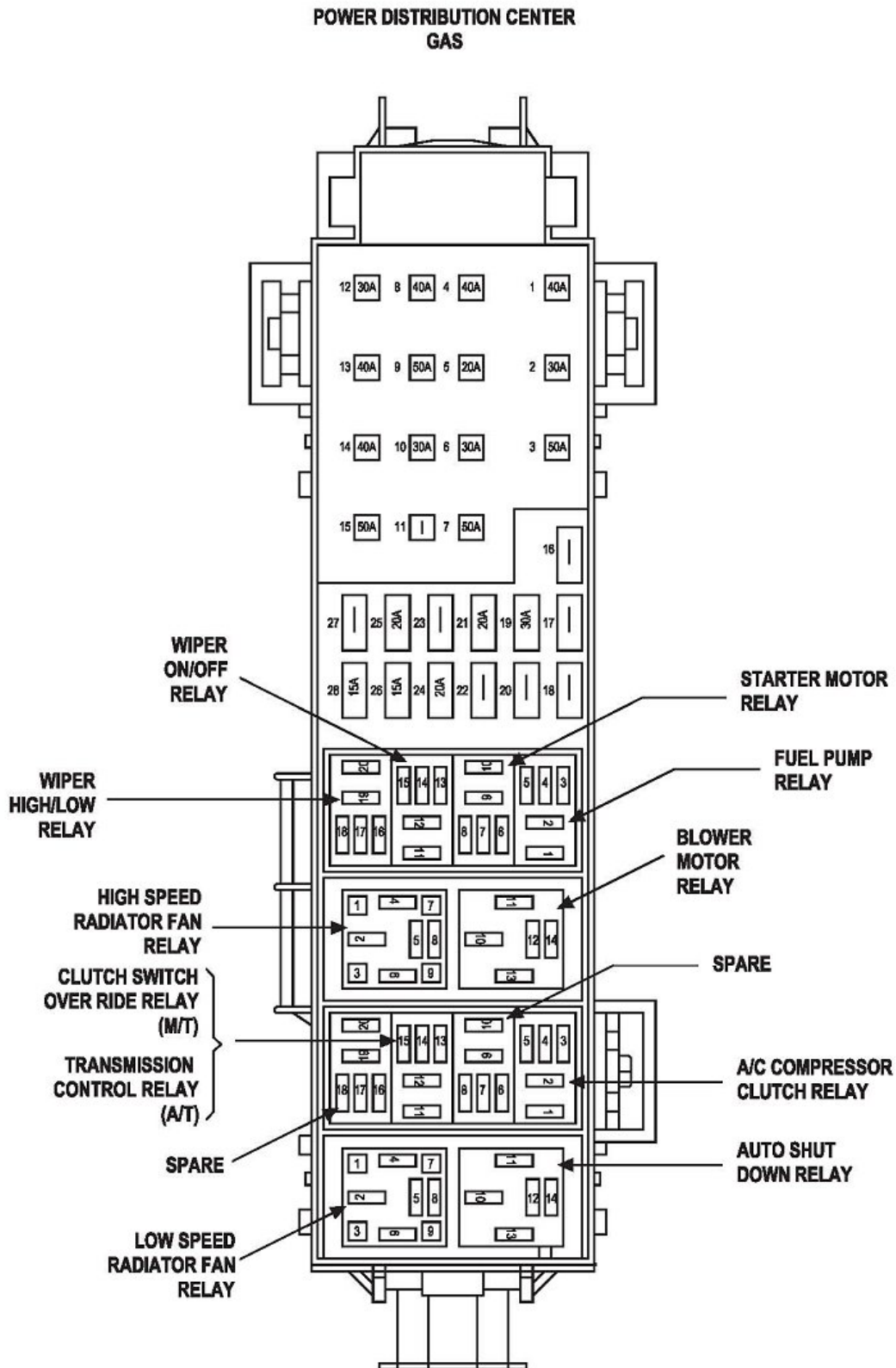
POWER SUNROOF RELAY

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	INTERNAL	ACCESSORY DELAY RELAY CONTROL
86	INTERNAL	FUSED B(+)
87	INTERNAL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
87A	-	-

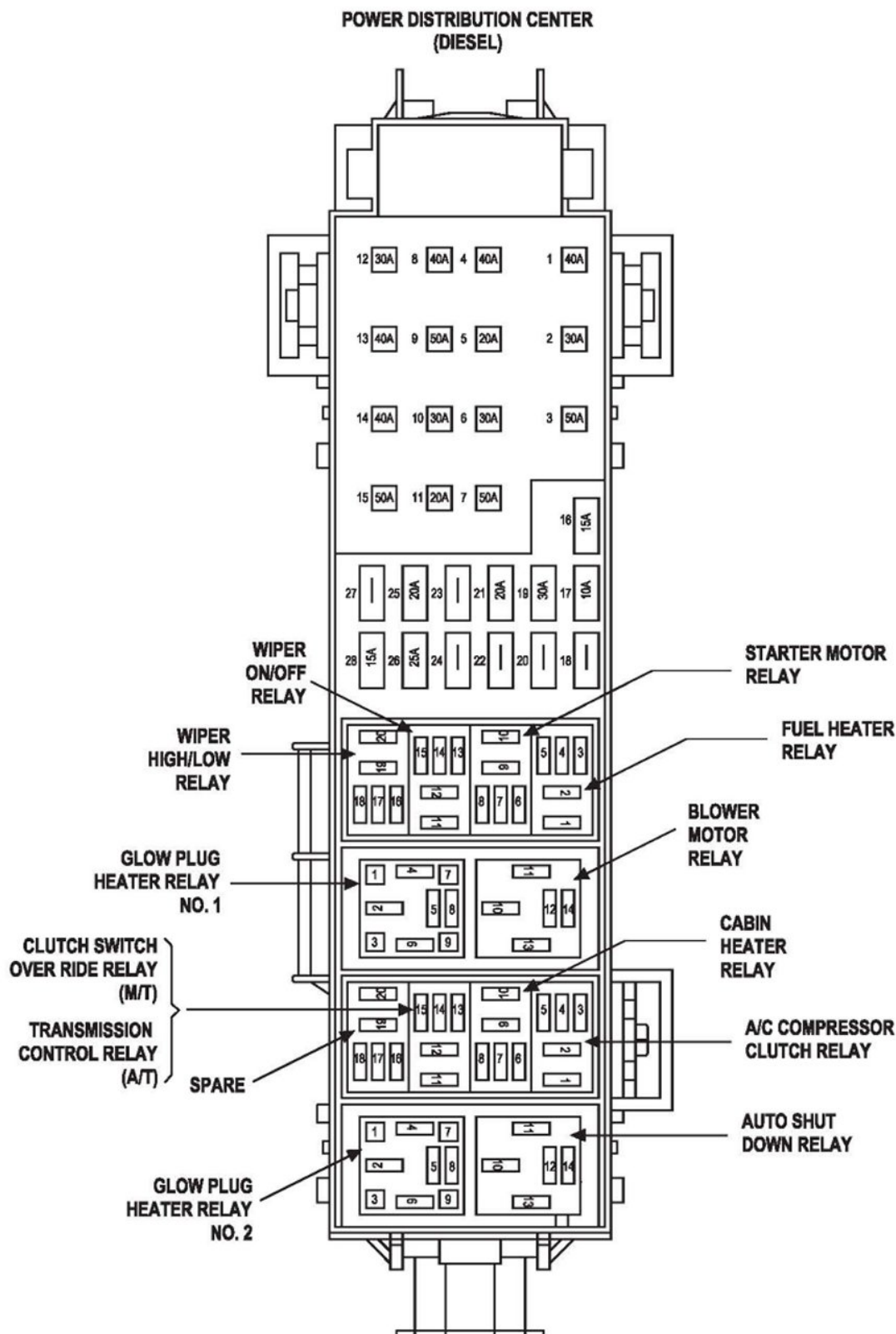
REAR FOG LAMP RELAY

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	INTERNAL	REAR FOG LAMP RELAY CONTROL
86	INTERNAL	FUSED B(+)
87	INTERNAL	REAR FOG LAMP RELAY OUTPUT
87A	-	-

2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 POWER DISTRIBUTION CENTER



2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 POWER DISTRIBUTION CENTER



KJ501003

J058W-2

2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 POWER DISTRIBUTION CENTER

FUSES (GAS)

FUSE NO.	AMPS	FUSED CIRCUIT	FUNCTION
1	40A	A122 12RD	FUSED B(+)
2	30A	A16 12RD/BR	FUSED B(+)
3	50A	A912 10RD	FUSED B(+)
4	40A	A107 12TN/RD ◇◇◇	FUSED B(+)
5	20A	A903 16RD ■■	FUSED B(+)
6	30A	A907 14RD	FUSED B(+)
7	50A	A911 10RD	FUSED B(+)
8	40A	A916 12RD	FUSED B(+)
9	50A	A901 10RD	FUSED B(+)
10	30A	A100 14RD/VT	FUSED B(+)
11	-	-	-
12	30A	A904 14RD	FUSED B(+)
13	40A	A139 12RD/YL	FUSED B(+)
14	40A	A1 12RD	FUSED B(+)
15	50A	A12 10RD/BR	FUSED B(+)
16	-	-	-
17	-	-	-
18	-	-	-
19	30A	A906 12RD	FUSED B(+)
20	-	-	-
21	20A	A112 18OR/RD	FUSED B(+)
22	-	-	-
23	-	-	-
24	20A	A209 18RD	FUSED B(+)
		A209 18RD	FUSED B(+)
25	20A	A200 12RD/DG ◇◇◇	FUSED B(+)
26	15A	F142 16PK/GY	FUSED ASD RELAY OUTPUT
27	-	-	-
28	15A	F26 20PK/OR	FUSED IGNITION SWITCH OUTPUT (START)
		F26 20PK/OR	FUSED IGNITION SWITCH OUTPUT (START)

◇◇◇ ABS
■■ A/T

2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 POWER DISTRIBUTION CENTER

FUSES (DIESEL)

FUSE NO.	AMPS	FUSED CIRCUIT	FUNCTION
1	40A	A122 12RD	FUSED B(+)
2	30A	A16 12RD/BR	FUSED B(+)
3	50A	A912 10RD	FUSED B(+)
4	40A	A107 12TN/RD ◇◇◇	FUSED B(+)
5	20A	A903 18RD ■■	FUSED B(+)
6	30A	A907 14RD	FUSED B(+)
7	50A	A911 10RD	FUSED B(+)
8	40A	A916 12RD	FUSED B(+)
9	50A	A901 10RD	FUSED B(+)
10	30A	A100 14RD/VT	FUSED B(+)
11	20A	A34 16RD/WT	FUSED B(+)
12	30A	A904 14RD	FUSED B(+)
13	40A	A139 12RD/YL	FUSED B(+)
14	40A	A1 12RD	FUSED B(+)
15	50A	A12 10RD/BR	FUSED B(+)
16	15A	K347 20BR/YL	FUSED ASD RELAY OUTPUT
17	10A	A129 18RD/BR	FUSED B(+)
18	-	-	-
19	30A	A906 12RD	FUSED B(+)
20	-	-	-
21	20A	A112 18OR/RD	FUSED B(+)
22	-	-	-
23	-	-	-
24	-	-	-
25	20A	A200 12RD/DG ◇◇◇	FUSED B(+)
26	25A	K345 16BR/RD	FUSED ASD RELAY OUTPUT
27	-	-	-
28	15A	F26 20PK/OR	FUSED IGNITION SWITCH OUTPUT (START)
		F26 20PK/OR	FUSED IGNITION SWITCH OUTPUT (START)

◇◇◇ ABS
■■ AT

2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 POWER DISTRIBUTION CENTER

A/C COMPRESSOR CLUTCH RELAY

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	C13 20 LB/OR	A/C CLUTCH RELAY CONTROL
86	F1 18DB ○	FUSED IGNITION SWITCH OUTPUT (RUN-START)
86	INTERNAL ○○	FUSED ASD RELAY OUTPUT
87	C3 18DB/YL ○	A/C CLUTCH RELAY OUTPUT
87A	-	-

AUTO SHUT DOWN RELAY

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	K342 20BR/WT	ASD RELAY CONTROL
86	INTERNAL	FUSED B(+)
87	INTERNAL	ASD RELAY OUTPUT
87A	A142 14DG/OR	-

BLOWER MOTOR RELAY

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	Z932 20BK	GROUND
86	F20 20PK/GY	FUSED IGNITION SWITCH OUTPUT (RUN)
87	A111 12 DG/RD	BLOWER MOTOR RELAY OUTPUT
87A	-	-

2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5

POWER DISTRIBUTION CENTER

**CABIN
HEATER
RELAY
(DIESEL)**

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	K132 20DB/LB	CABIN HEATER RELAY CONTROL
86	INTERNAL	FUSED ASD RELAY OUTPUT
87	A119 18RD/OR	CABIN HEATER RELAY OUTPUT
87A	-	-

**FUEL
HEATER
RELAY
(DIESEL)**

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	Z932 20BK	GROUND
86	INTERNAL	FUSED IGNITION SWITCH OUTPUT (RUN)
87	A993 16RD	FUEL HEATER RELAY OUTPUT
87A	-	-

**FUEL
PUMP
RELAY
(GAS)**

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	K31 20BR	FUEL PUMP RELAY CONTROL
86	INTERNAL	FUSED IGNITION SWITCH OUTPUT (RUN-START)
87	N1 18DG/OR	FUEL PUMP RELAY OUTPUT
87A	-	-

2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5

POWER DISTRIBUTION CENTER

HIGH SPEED RADIATOR FAN RELAY (GAS)

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	N112 20DB/OR	HIGH SPEED RAD FAN RELAY CONTROL
86	INTERNAL	FUSED IGNITION SWITCH OUTPUT (RUN-START)
87	N24 12 DG/DB	HIGH SPEED RAD FAN RELAY OUTPUT
87A	-	-

LOW SPEED RADIATOR FAN RELAY (GAS)

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	N201 20DB/LG	LOW SPEED RAD FAN RELAY CONTROL
86	INTERNAL	FUSED IGNITION SWITCH OUTPUT (RUN-START)
87	N23 12DB/LG	LOW SPEED RAD FAN RELAY OUTPUT
87A	-	-

STARTER MOTOR RELAY

CAVITY	CIRCUIT	FUNCTION
30	A916 12RD	FUSED B(+)
85	T752 20DG/OR	ENGINE STARTER MOTOR RELAY CONTROL
86	INTERNAL	FUSED IGNITION SWITCH OUTPUT (START)
87	T750 12 YL/GY	STARTER MOTOR RELAY OUTPUT
87A	-	-

2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5

POWER DISTRIBUTION CENTER

TRANSMISSION CONTROL RELAY (A/T)

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	Z932 20BK	GROUND
86	T515 20YL/DB	TRANSMISSION CONTROL RELAY CONTROL
87	T16 16YL/OR	TRANSMISSION CONTROL RELAY OUTPUT
87A	-	-

WIPER HIGH/LOW RELAY

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FRONT WIPER ON/OFF RELAY OUTPUT
85	W2 20BR/LG	FRONT WIPER HIGH/LOW RELAY CONTROL
86	A5 16 RD/VT	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
87	W4 16 BR/OR	FRONT WIPER HIGH/LOW RELAY HIGH SPEED OUTPUT
87A	W3 16BR/WT	FRONT WIPER HIGH/LOW RELAY LOW SPEED OUTPUT

WIPER ON/OFF RELAY

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FRONT WIPER ON/OFF RELAY OUTPUT
85	W6 20BR/LB	FRONT WIPER ON/OFF RELAY CONTROL
86	A5 16RD/VT	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
87	A5 16RD/VT	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
87A	W7 16BR/GY	FRONT WIPER PARK SWITCH SENSE

2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5

PIN-OUT ENGINE CONTROL MODULE - CI

CAV	CIRCUIT	FUNCTION
1	K613 16GY/BR	FUEL INJECTOR NO. 1 LOW-SIDE CONTROL
2	K612 16YL/BR	FUEL INJECTOR NO. 2 LOW-SIDE CONTROL
3	-	-
4	K369 16BR/OR	FUEL PRESSURE SOLENOID SUPPLY
5	-	-
6	-	-
7	-	-
8	K156 20BR/YL	FUEL TEMPERATURE SENSOR SIGNAL
9	-	-
10	-	-
11	T10 20DG/LG (A/T)	TORQUE MANAGEMENT REQUEST SENSE
12	-	-
13	-	-
14	K944 20BR/GY	CAMSHAFT POSITION SENSOR GROUND
15	-	-
16	-	-
17	-	-
18	-	-
19	-	-
20	-	-
21	-	-
22	-	-
23	-	-
24	-	-
25	K611 16OR/BR	FUEL INJECTOR NO. 1 LOW-SIDE CONTROL
26	K614 16WT/BR	FUEL INJECTOR NO. 4 LOW-SIDE CONTROL
27	-	-
28	K366 16BR/LG	FUEL QUANTITY SOLENOID SUPPLY
29	-	-
30	V37 20VT	S/C SWITCH SIGNAL NO. 1
31	G31 20VT/OR	AAT SIGNAL
32	K960 20BR/LB	INLET PRESSURE SENSOR GROUND
33	-	-
34	K21 20BR/WT	IAT SENSOR SIGNAL
35	-	-

2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5

PIN-OUT ENGINE CONTROL MODULE - C1

36	K668 20BR	INLET PRESSURE SENSOR 5 VOLT SUPPLY
37	F856 20YL/PK	CAMSHAFT POSITION SENSOR 5 VOLT SUPPLY
38	K44 20DB/GY	CAMSHAFT POSITION SENSOR SIGNAL
39	-	-
40	-	-
41	-	-
42	-	-
43	-	-
44	-	-
45	K132 20DB/LB	CABIN HEATER RELAY CONTROL
46	-	-
47	-	-
48	-	-
49	K12 16BR/DB	FUEL INJECTOR NO. 2 HIGH-SIDE CONTROL
50	-	-
51	K14 16BR/TN	FUEL INJECTOR NO. 4 HIGH-SIDE CONTROL
52	K370 16BR	FUEL PRESSURE SOLENOID CONTROL
53	-	-
54	V38 20VT/OR	S/C SWITCH SIGNAL NO. 2
55	-	-
56	-	-
57	K2 20VT/OR	ECT SENSOR SIGNAL
58	K68 20BR/LG	INLET PRESSURE SENSOR SIGNAL
59	K181 20BR/YL	FUEL PRESSURE SENSOR SIGNAL
60	K856 20BR/YL	BOOST PRESSURE SENSOR 5 VOLT SUPPLY
61	K957 20BR/OR	MASS AIR FLOW SENSOR GROUND
62	-	-
63	K37 20BR/OR	BOOST PRESSURE SENSOR SIGNAL
64	K811 20BR/OR	MASS AIR FLOW SENSOR 5 VOLT SUPPLY
65	K900 20DB/DG	SENSOR GROUND
66	-	-
67	-	-
68	K315 20BR/GY	EGR AIR FLOW CONTROL VALVE CONTROL
69	-	-
70	-	-
71	N112 20DB/OR	HIGH SPEED RAD FAN RELAY CONTROL
72	-	-

2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5

PIN-OUT ENGINE CONTROL MODULE - C1

73	K13 16BR/LB	FUEL INJECTOR NO. 3 HIGH-SIDE CONTROL
74	K11 16BR/YL	FUEL INJECTOR NO. 1 HIGH-SIDE CONTROL
75	-	-
76	K646 16BR/YL	FUEL QUANTITY SOLENOID CONTROL
77	-	-
78	-	-
79	T26 20DG/OR	CLUTCH UPSTOP SWITCH SIGNAL
80	-	-
81	-	-
82	K77 20BR/WT	TRANSFER CASE POSITION SENSOR INPUT
83	K656 20GY/BR	SENSOR GROUND
84	K359 20YL/BR	FUEL PRESSURE SENSOR GROUND
85	K157 20BR/OR	MASS AIR FLOW SENSOR 5 VOLT SUPPLY
86	K350 20BR/YL	FUEL PRESSURE SENSOR 5 VOLT SUPPLY
87	K853 20DB/BR	CRANKSHAFT POSITION SENSOR SIGNAL NO. 2
88	K3 20BR/LB	CRANKSHAFT POSITION SENSOR SIGNAL NO. 1
89	-	-
90	K35 20DB/VT	EGR SOLENOID CONTROL
91	N201 20DB/LG	LOW SPEED RAD FAN RELAY CONTROL
92	N117 20DB/WT	VACUUM RESERVOIR SOLENOID CONTROL
93	X635 20BR/WT	BOOST PRESSURE SOLENOID CONTROL
94	-	-
95	-	-
96	-	-

2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5

PIN-OUT ENGINE CONTROL MODULE - C2

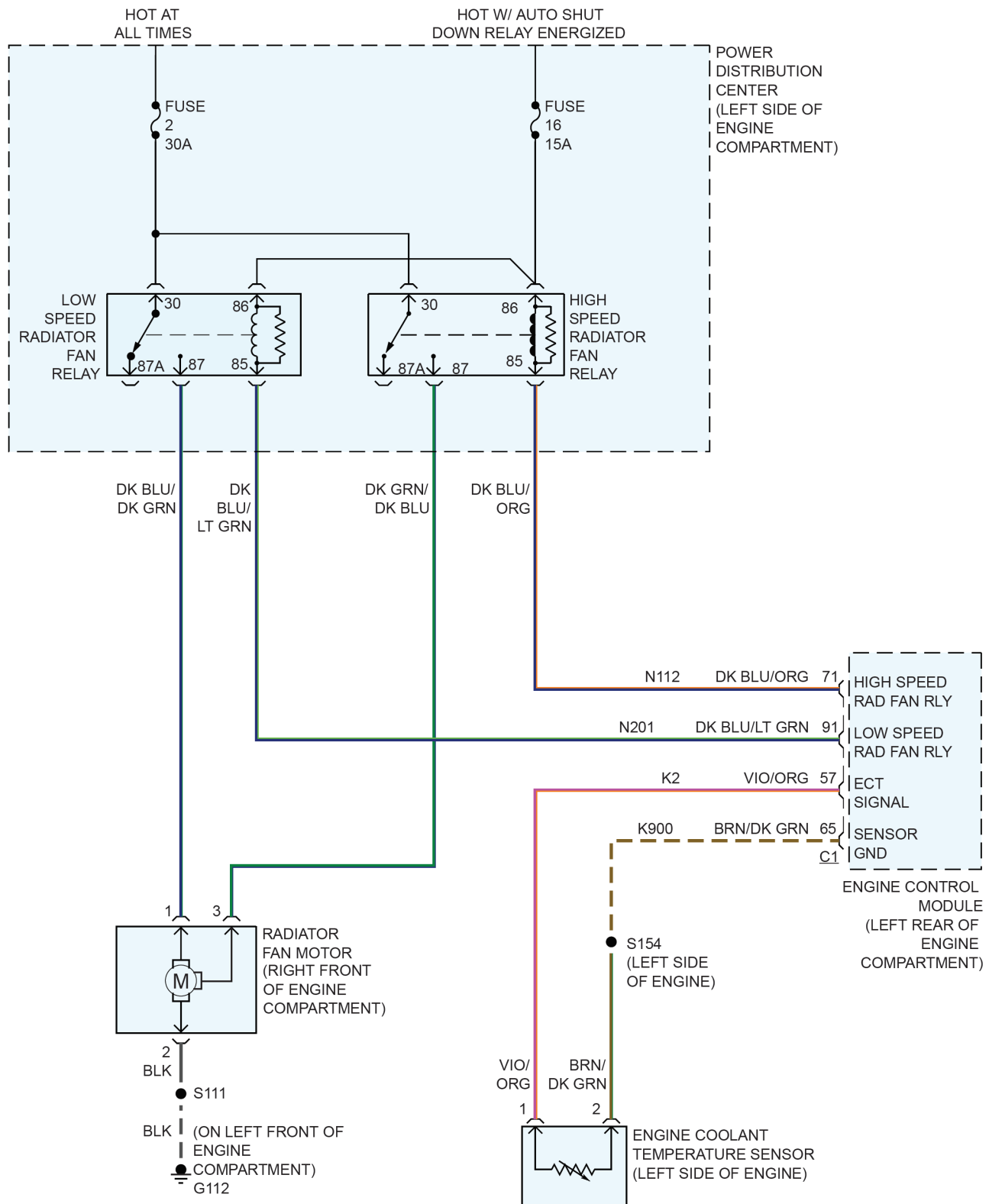
ENGINE CONTROL MODULE C2 (DIESEL) - 58 WAY	CIRCUIT	FUNCTION
CAV		
1	K347 14BR/PK	FUSED ASD RELAY OUTPUT
2	Z131 14BK/DG	GROUND
3	K347 14BR/PK	FUSED ASD RELAY OUTPUT
4	Z131 14BK/DG	GROUND
5	K345 14BR/RD	FUSED ASD RELAY OUTPUT
6	Z131 14BK/DG	GROUND
7	-	-
8	C20 20DB/YL	A/C SWITCH SENSE
9	-	-
10	-	-
11	-	-
12	-	-
13	K29 20WT/BR	ACCELERATOR PEDAL POSITION SENSOR SIGNAL 2
14	K400 20BR/VT	ACCELERATOR PEDAL POSITION SENSOR GROUND 2
15	-	-
16	-	-
17	T41 20YL/DB (A/T)	TRS T41 SENSE (P/N)
17	T141 20YL/OR (M/T)	CLUTCH INTERLOCK SWITCH SIGNAL
18	K244 20BR/WT (A/T)	ENGINE RPM SIGNAL
19	F1 20PK/WT	FUSED IGNITION SWITCH OUTPUT (RUN-START)
20	-	-
21	-	-
22	F26 20PK/OR	FUSED IGNITION SWITCH OUTPUT (START)
23	-	-
24	K852 20BR/VT	ACCELERATOR PEDAL POSITION SENSOR 5 VOLT SUPPLY 1
25	K23 20BR/WT	ACCELERATOR PEDAL POSITION SENSOR SIGNAL 1

2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5

PIN-OUT ENGINE CONTROL MODULE - C2

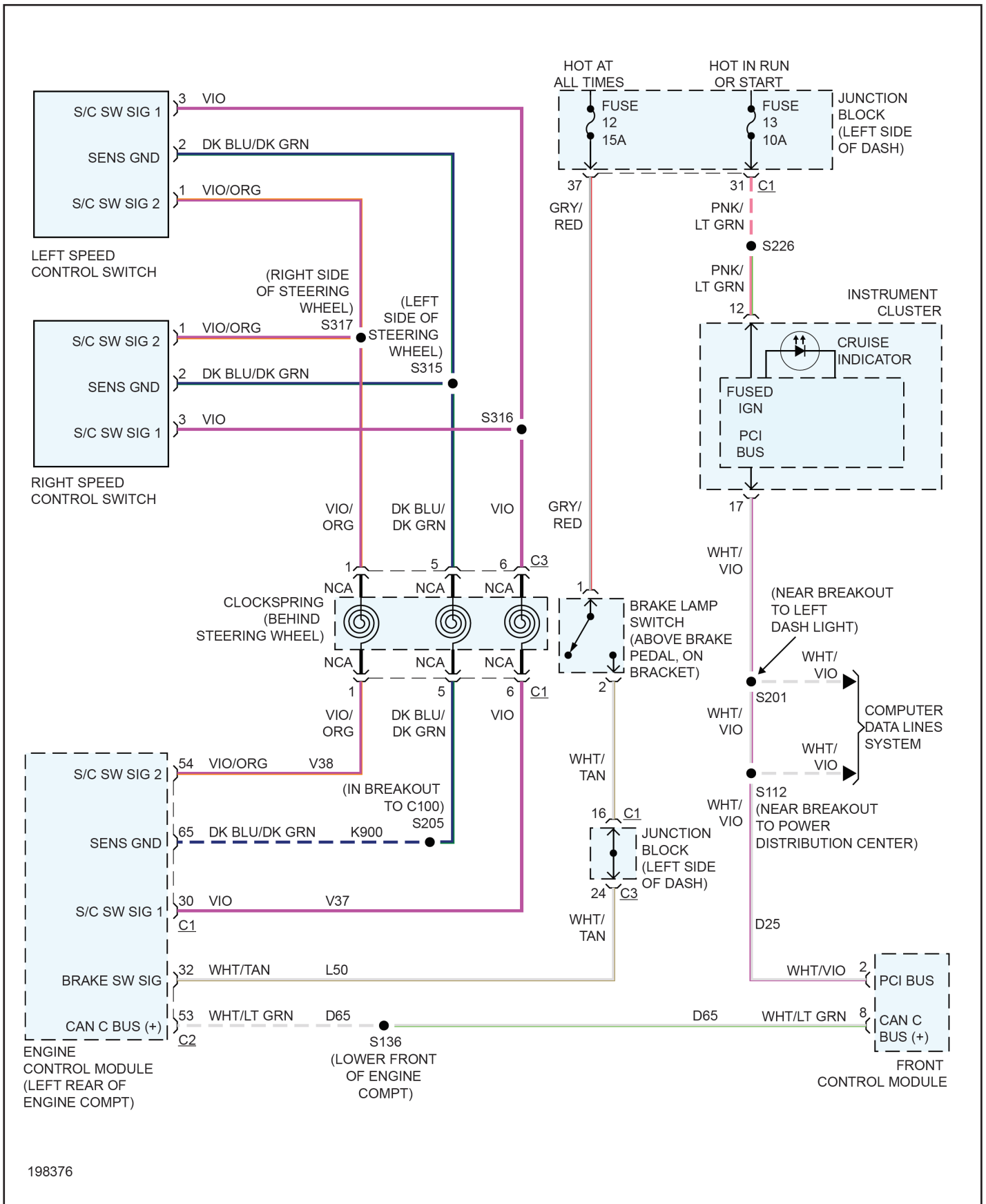
26	K167 20BR/YL	ACCELERATOR PEDAL POSITION SENSOR GROUND 1
27	-	-
28	-	-
29	K854 20VT/BR	ACCELERATOR PEDAL POSITION SENSOR 5 VOLT SUPPLY 2
30	-	-
31	D21 20WT/GY	SCI TRANSMIT (ECM)
32	L50 18WT/TN	PRIMARY BRAKE SWITCH SIGNAL
33	-	-
34	B15 20DG/WT	SECONDARY BRAKE SWITCH SIGNAL
35	-	-
36	-	-
37	-	-
38	-	-
39	-	-
40	C13 20LB/OR	A/C CLUTCH RELAY CONTROL
41	-	-
42	-	-
43	D330 20WT/BR	GLOW PLUG MODULE SIGNAL
44	K342 20BR/WT	ASD RELAY CONTROL
45	K391 20BR/YL	FUEL PUMP RELAY CONTROL
46	K330 20LB/BR	GLOW PLUG MODULE CONTROL
47	-	-
48	-	-
49	-	-
50	-	-
51	-	-
52	-	-
53	D65 20WT/LG	CAN C BUS (+)
54	D64 20WT/LB	CAN C BUS (-)
55	-	-
56	-	-
57	-	-
58	T752 20DG/OR	ENGINE STARTER MOTOR RELAY CONTROL

2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 COOLING FANS



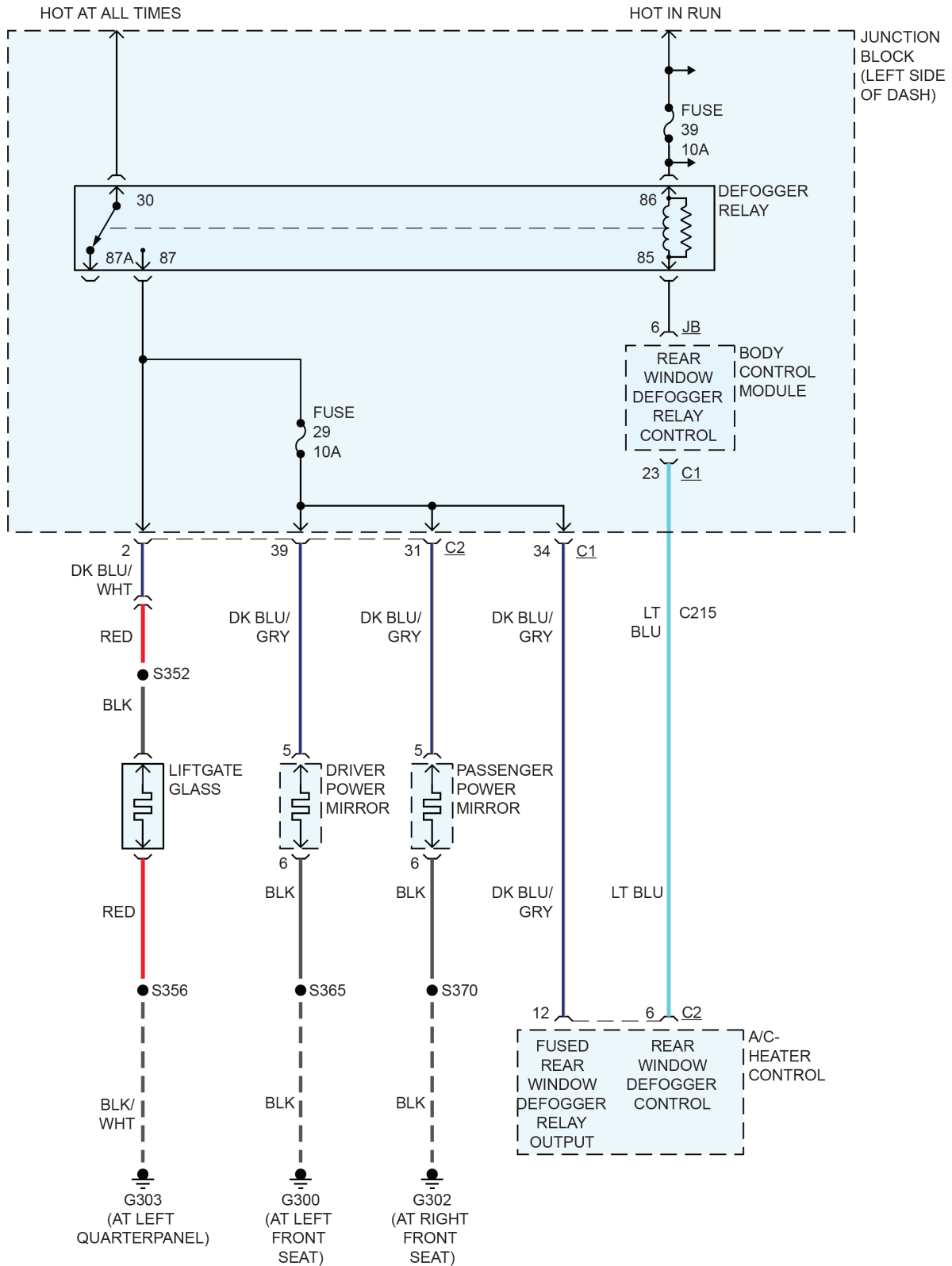
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2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 CRUISE CONTROL

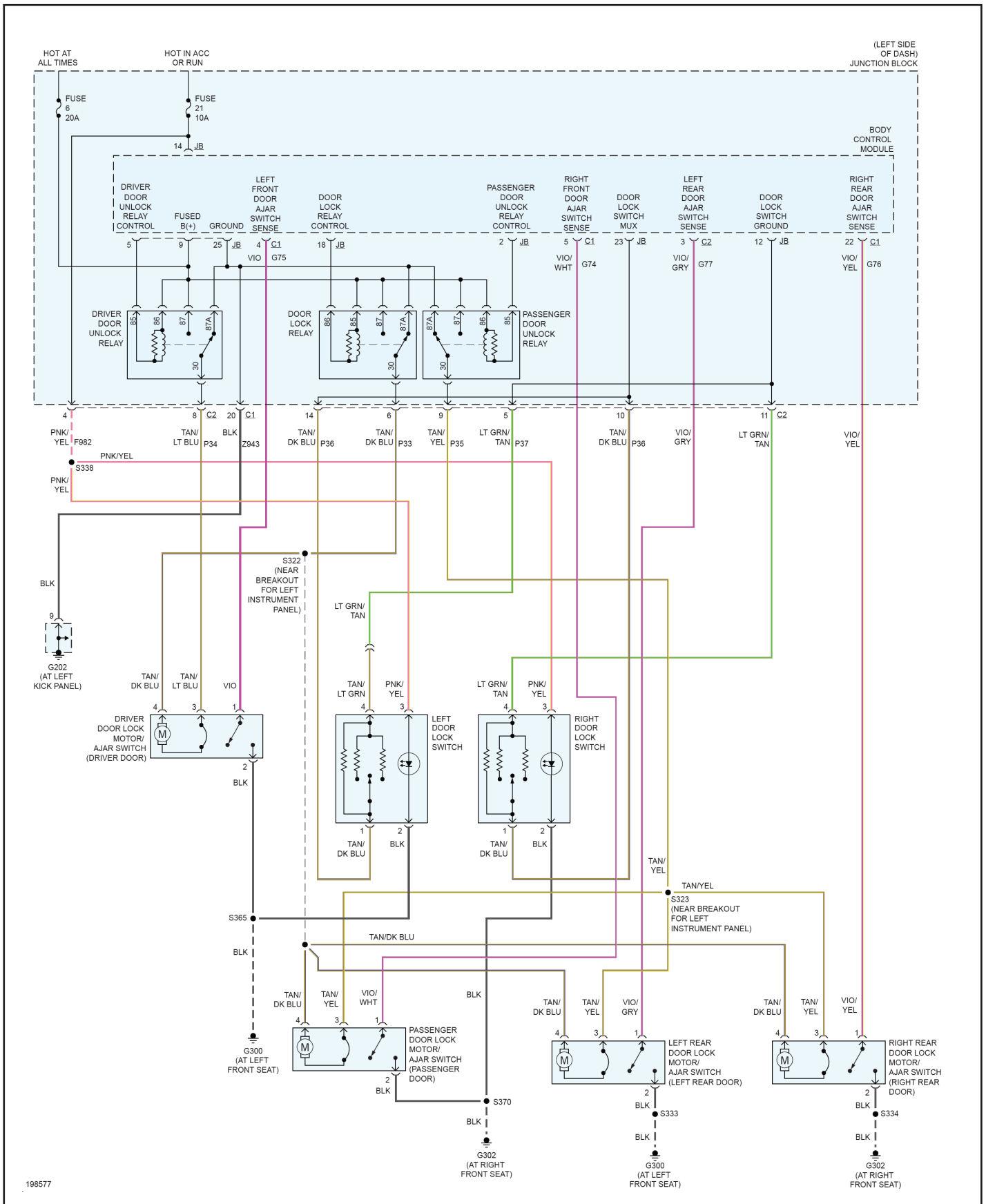


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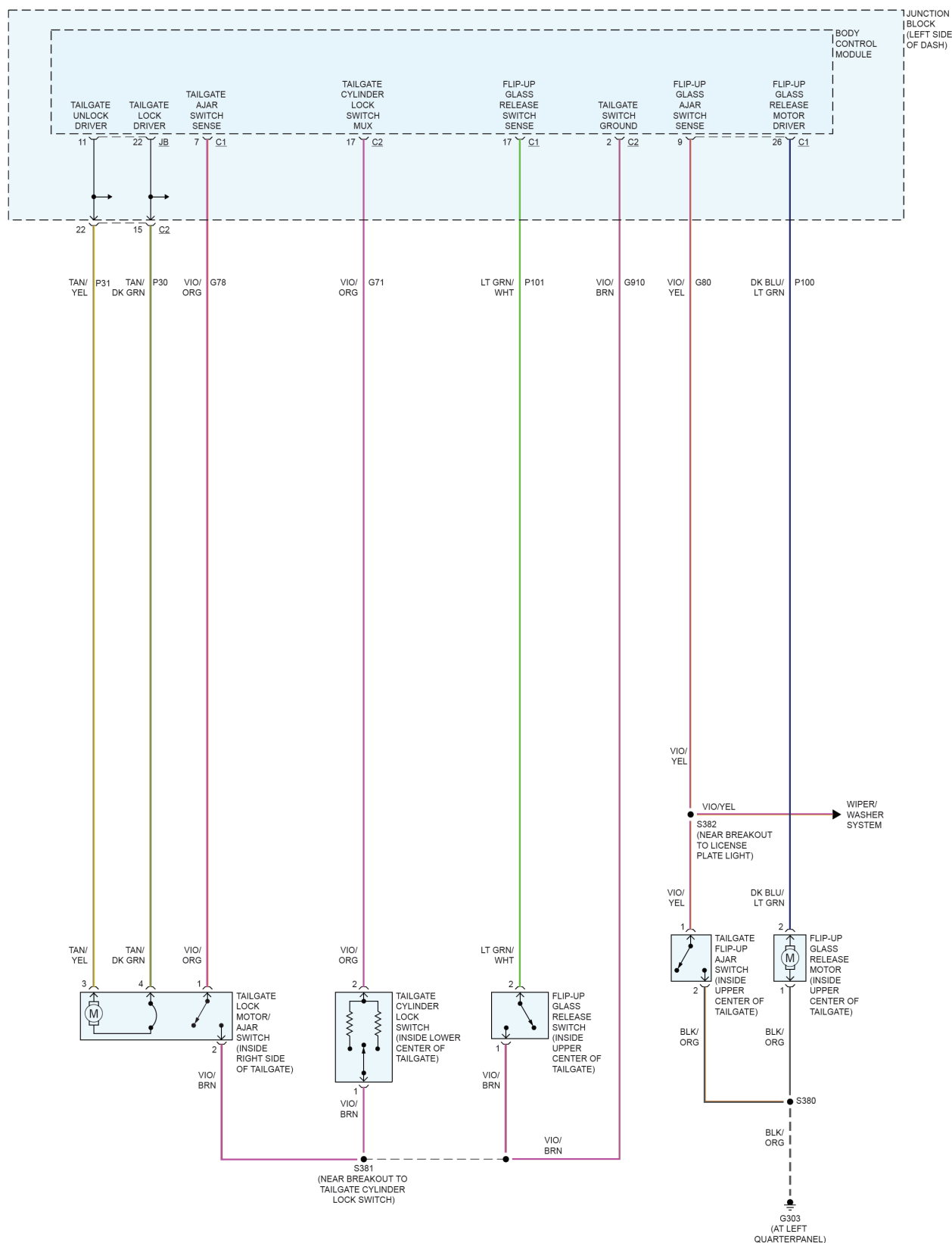


2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 DOOR LOCKS

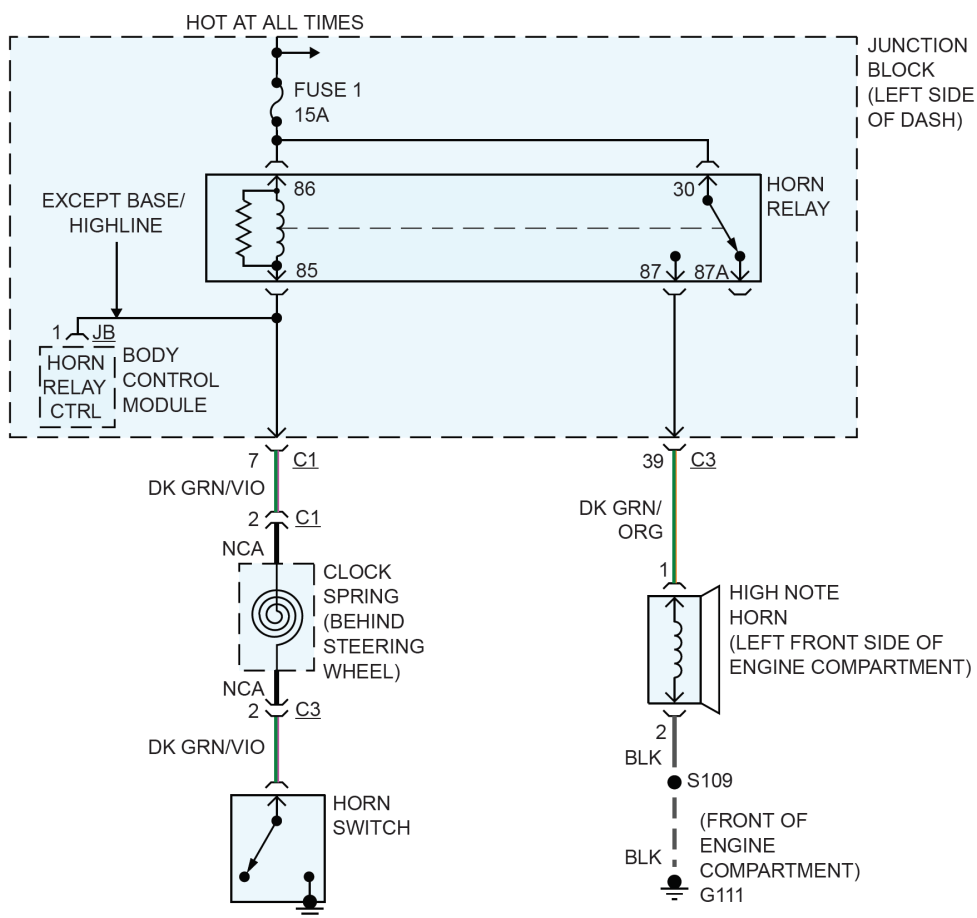


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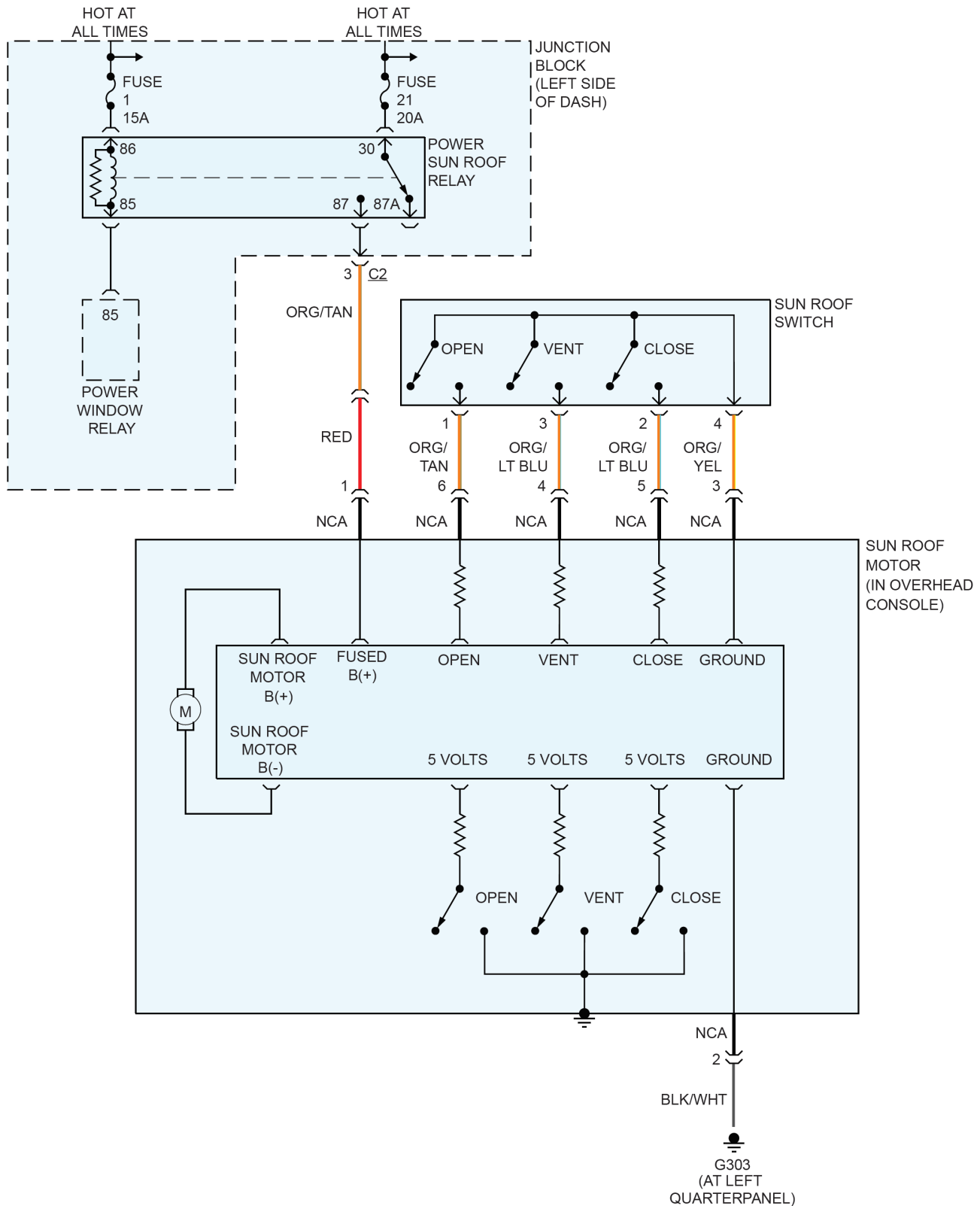


2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 HORNS



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2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5 POWER TOPS



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FUEL INJECTOR



2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5

GLOSSARY OF TERMS

MODELOS DE AUTOS

CC: DESCAPOTABLE O CONVERTIBLE COUPE

GL: GRAN LUJO

GLS: GRAN LUJO SÚPER

GLX: GRAN LUJO EXTRA

GT: GRAND TOURING O GRAN TURISMO

GTI: GRAN TURISMO DE INYECCION

GTS: GRAN TURISMO DEPORTIVO

GTX: GRAN TURISMO EXCLUSIVO

ST: TECNOLOGÍAS DEPORTIVA

SS: MODELO SÚPER DEPORTIVO

MÓDULO DE CONTROL

ABS: SISTEMA ANTIBLOQUEO DE FRENOS

BCM: MÓDULO DE CONTROL DEL CUERPO

ECM: MÓDULO DE CONTROL DEL MOTOR

ECU: UNIDAD DE CONTROL DEL MOTOR

ESP: CONTROL ELECTRÓNICO DE ESTABILIDAD

PCM: MÓDULO DE CONTROL DEL TREN DE POTENCIA

PIM: MÓDULO DE INTERFAZ DEL TREN MOTRIZ

SRS: SISTEMA DE SEGURIDAD SUPLEMENTARIO

TCM: MÓDULO DE CONTROL DE LA TRANSMISIÓN

VCM: MÓDULO DE CONTROL DEL VEHICULO

FICM: MÓDULO DE CONTROL DEL INYECTOR DE COMBUSTIBLE

MOTOR

OHC: ÁRBOL DE LEVAS EN CULATA

SOCH: UN SOLO ÁRBOL DE LEVAS

DOCH: DOBLE ÁRBOL DE LEVAS

OHV: MOTOR DE 4 TIEMPOS DE VÁLVULAS EN LA CABEZA

SV: MOTOR DE 4 TIEMPOS DE VÁLVULAS LATERALES

SENSORES

CKP: SENSOR DE POSICIÓN DEL CIGUEÑAL

CMP: SENSOR DE POSICIÓN DE ÁRBOL DE LEVAS

ECT: SENSOR DE TEMPERATURA DEL REFRIGERANTE

EGT: SENSOR DE TEMPERATURA DEL GAS DE ESCAPE

IAT: SENSOR DE TEMPERATURA DE AIRE DE ENTRADA

KS: SENSOR DE DETONACIÓN

MAF: SENSOR DE FLUJO DE MASA DE AIRE

MAP: SENSOR DE PRESIÓN ABSOLUTA DEL MULTIPLE DE ADMISIÓN

O2: SENSOR DE OXYGENO

OPS: SENSOR DE PRESIÓN DE ACEITE

TPS: SENSOR DE POSICIÓN DEL ACELERAODR

TRS: SENSOR DE RANGO DE LA TRANSMISION

TSS: SENSOR DE VELOCIDAD DE LA TRANSMISIÓN

VSS: SENSOR DE VELOCIDAD DEL VEHÍCULO

2005 JEEP LIBERTY 4WD 2.8L 4 Cil DSL TURBO VIN 5

GLOSSARY OF TERMS

SISTEMA DE TRACCIÓN

2WD: SISTEMA DE TRACCIÓN EN 2 RUEDAS

4WD: TRACCIÓN 4X4 CONECTABLE

AWD: TRACCIÓN EN LAS 4 RUEDAS PERMANENTE

FWD: TRACCIÓN DELANTERA

RWD: TRACCIÓN TRASERA

4X4: TRACCIÓN EN LAS 4 RUEDAS

ASR: SISTEMA DE CONTROL DE TRACCIÓN

QUATTRO: TRACCIÓN PERMANENTE A LAS CUATRO RUEDAS (TERMINO COMUNMENTE USADO EN AUTOS AUDI)

SISTEMAS

A/C: AIRE ACONDICIONADO

AC: CORRIENTE ALTERNA

EGR: RECIRCULACIÓN DE GASES DE ESCAPE

EVAP: SISTEMA DE CONTROL DE EMISIONES EVAPORATIVAS

VVT: SISTEMA DE DISTRIBUCIÓN VARIABLE

SISTEMA DE INYECCIÓN

COMMON-RAIL: SISTEMA ELECTRÓNICO DE INYECCIÓN DE COMBUSTIBLE PARA MOTORES DIESEL

HPI: MOTORES DE GASOLINA DE INYECCIÓN DIRECTA

JTD: MOTORES DIÉSEL DE INYECCIÓN DIRECTA CON "COMMO RAIL"

EFI: INYECCIÓN ELECTRÓNICA DE GASOLINA

TSI: INYECCIÓN ESTRATIFICADA CON TURBOCARGADOR (MOTORES A GASOLINA)

TD: MOTORES TURBO DIÉSEL

TDI: MOTOR TURBO DIÉSEL CON INYECCIÓN DIRECTA (TIPO DE INYECCIÓN COMUNMENTE USADA POR VOLKSWAGEN)

FSI: INYECCIÓN ESTRATIFICADA DE GASOLINA

TFSI: INYECCIÓN ESTRATIFICADA DE GASOLINA CON TURBO

HDI: INYECCIÓN DIÉSEL DE ALTA PRESIÓN

SISTEMA DE TRANSMISIÓN

A/T: TRANSMISIÓN AUTOMÁTICA

M/T: TRANSMISIÓN MANUAL

CVT: TRANSMISIÓN CONTINUAMENTE VARIABLE

SISTEMA DE CILINDROS Y VÁLVULAS

L4: MOTOR DE 4 CILINDROS EN LINEA

L6: MOTOR DE 6 CILINDROS EN LINEA

V2: MOTOR DE 2 CILINDROS EN POSICIÓN V

V6: MOTOR 6 CILINDROS EN POSICIÓN V

V8: MOTOR DE 8 CILINDROS EN POSICIÓN V

V10: MOTOR DE 10 CILINDROS EN POSICIÓN V

V12: MOTOR DE 12 CILINDROS EN POSICIÓN V

20VT: 20 VÁLVULAS TURBO

CVT: SINCRONIZACIÓN DE VALVULAS CONTINUAMENTE VARIABLE