

---

## ALPHABETICAL INDEX

---

### Numerics

---

4WD BRANCH LINE CIRCUIT ..LAN-71, LAN-247,  
LAN-269, LAN-294, LAN-324, LAN-352

### A

---

A-BAG BRANCH LINE CIRCUITLAN-67, LAN-108,  
LAN-129, LAN-153, LAN-182, LAN-209,  
LAN-243, LAN-265, LAN-290, LAN-320,  
LAN-348

A/B WARNING LAMP IS OFF, PASS A/B INDCTR  
LAMP TURNS ON INTERMIT .....SRC-116

A/C AUTO AMP.....HAC-32, HAC-107

A/C SWITCH ASSEMBLY ..... HAC-106

ABBREVIATIONS ..... GI-14

ABS ACTUATOR AND ELECTRIC UNIT  
(CONTROL UNIT).....BRC-50, BRC-185

ABS BRANCH LINE CIRCUIT ...LAN-61, LAN-102,  
LAN-123, LAN-147, LAN-176, LAN-203,  
LAN-237, LAN-259, LAN-284, LAN-314,  
LAN-342

ABS WARNING LAMP ..... BRC-167

ACCELERATOR PEDAL ASSEMBLY..... ACC-3

ACCELERATOR PEDAL RELEASED POSITION  
LEARNING.....EC-142

ACCESSORY RELAY .....PCS-86

ACTION TEST .....BRC-226, DAS-73

ADAS CONTROL UNIT .....DAS-29, DAS-121

ADDITIONAL SERVICE WHEN REMOVING  
BATTERY NEGATIVE TERMINAL.....DLK-111

ADDITIONAL SERVICE WHEN REPLACING ABS  
ACTUATOR AND ELECTRIC UNIT (CONTROL  
UNIT) ..... BRC-71

ADDITIONAL SERVICE WHEN REPLACING ADAS  
CONTROL UNIT .....DAS-60

ADDITIONAL SERVICE WHEN REPLACING  
AUTOMATIC BACK DOOR CONTROL UNIT...  
DLK-113

ADDITIONAL SERVICE WHEN REPLACING AWD  
CONTROL UNIT .....DLN-34

ADDITIONAL SERVICE WHEN REPLACING BCM  
DLK-112, WT-25

ADDITIONAL SERVICE WHEN REPLACING  
CHASSIS CONTROL MODULE .....DAS-162

ADDITIONAL SERVICE WHEN REPLACING  
CONTROL UNIT .....SEC-69

ADDITIONAL SERVICE WHEN REPLACING  
DISTANCE SENSOR.....BRC-216, DAS-63

ADDITIONAL SERVICE WHEN REPLACING ECM  
EC-139

ADDITIONAL SERVICE WHEN REPLACING IPDM  
E/R.....PCS-36

ADDITIONAL SERVICE WHEN REPLACING TCM  
TM-81

ADDITIONAL SERVICE WHEN REPLACING TCM  
AND TRANSAXLE ASSEMBLY .....TM-85

ADDITIONAL SERVICE WHEN REPLACING  
TRANSAXLE ASSEMBLY.....TM-83

ADJUSTMENT OF STEERING ANGLE SENSOR  
NEUTRAL POSITION ..... BRC-72

AIR BAG DIAGNOSIS SENSOR UNIT ..... SR-26

AIR BREATHER .....DLN-118, TM-204

AIR CLEANER AND AIR DUCT ..... EM-26

AIR CLEANER FILTER ..... EM-18

AMBIENT SENSOR ..... HAC-108

AMBIENT SENSOR SIGNAL CIRCUIT ..... MWI-67

AMP ON SIGNAL CIRCUIT ..... AV-359

ANTENNA BASE.....AV-80, AV-226, AV-397

ANTENNA FEEDER.....AV-81, AV-227, AV-398

ANTI-PINCH FUNCTION DOES NOT OPERATE ..  
RF-42

ANTI-PINCH SYSTEM DOES NOT OPERATE  
NORMALLY (DRIVER SIDE) ..... PWC-61

AROUND VIEW MONITOR CONTROL UNIT .....  
AV-110, AV-221, AV-261, AV-392

AROUND VIEW MONITOR SYSTEM..... AV-129,  
AV-285

AUDIO SYSTEM ..... AV-67

AUDIO UNIT.....AV-26, AV-72

AUTO LIGHT SYSTEM ..... EXL-44, EXL-174

AUTO OPERATION DOES NOT OPERATE .RF-41

AUTO OPERATION DOES NOT OPERATE BUT  
MANUAL OPERATE NORMALLY (DRIVER  
SIDE)..... PWC-63

AUTOMATIC AIR CONDITIONING SYSTEM .....  
HAC-38

AUTOMATIC BACK DOOR ANTI-PINCH  
FUNCTION DOES NOT OPERATE....DLK-236

AUTOMATIC BACK DOOR CLOSE SWITCH.....  
DLK-191, DLK-290

AUTOMATIC BACK DOOR CONTROL MODULE ..  
DLK-287

AUTOMATIC BACK DOOR CONTROL UNITDLK-56

AUTOMATIC BACK DOOR FUNCTIONS DO NOT  
CANCEL.....DLK-235

AUTOMATIC BACK DOOR MAIN SWITCH.....  
DLK-193, DLK-288

AUTOMATIC BACK DOOR OPERATION DOES  
NOT OPERATE.....DLK-227

AUTOMATIC BACK DOOR SWITCH.....DLK-195,  
DLK-289

AUTOMATIC BACK DOOR SYSTEM .....DLK-93

AUTOMATIC BACK DOOR WARNING BUZZER ...  
DLK-207

AUTOMATIC BACK DOOR WARNING DOES NOT  
OPERATE .....DLK-233

AUTOMATIC SPEED CONTROL DEVICE (ASCD)  
CCS-3

AUXILIARY INPUT JACK ...AV-66, AV-198, AV-365  
 AV BRANCH LINE CIRCUIT ..... LAN-74, LAN-159,  
 LAN-188, LAN-215, LAN-297, LAN-327,  
 LAN-355  
 AV CONTROL UNIT .....AV-106, AV-213, AV-253,  
 AV-381, AV-450  
 AVM BRANCH LINE CIRCUIT .. LAN-75, LAN-160,  
 LAN-189, LAN-216, LAN-298, LAN-328,  
 LAN-356  
 AWD CONTROL UNIT .....DLN-20, DLN-68  
 AWD HIGH TEMP IS DISPLAYED ON  
 INFORMATION DISPLAY ..... DLN-63  
 AWD LOCK SWITCH ..... DLN-69  
 AWD SYSTEM..... DLN-24

**B**

B TERMINAL CIRCUIT ..... CHG-16, STR-17  
 B0001, B0002 DRIVER AIRBAG MODULE SRC-46  
 B0010, B0011 PASSENGER AIRBAG MODULE ....  
 SRC-49  
 B0020 SIDE AIRBAG MODULE LH ..... SRC-52  
 B0021 SIDE CURTAIN AIR BAG MODULE LH.....  
 SRC-55  
 B0028 SIDE AIRBAG MODULE RH..... SRC-58  
 B0029 SIDE CURTAIN AIR BAG MODULE RH.....  
 SRC-61  
 B0091 FRONT SIDE AIR BAG SATELLITE  
 SENSOR LH..... SRC-64  
 B0092 REAR SIDE AIR BAG SATELLITE SENSOR  
 LH ..... SRC-67  
 B0093 FRONT DOOR SATELLITE SENSOR LH....  
 SRC-70  
 B0094 CRASH ZONE SENSOR ..... SRC-73  
 B0096 FRONT SIDE AIR BAG SATELLITE  
 SENSOR RH ..... SRC-76  
 B0097 REAR SIDE AIR BAG SATELLITE SENSOR  
 RH ..... SRC-79  
 B0098 FRONT DOOR SATELLITE SENSOR RH...  
 SRC-82  
 B00A0 OCCUPANT CLASSIFICATION SYSTEM  
 CONTROL UNIT ..... SRC-85  
 B00D5 PASSENGER AIR BAG OFF INDICATOR ..  
 SRC-91  
 B120E IPDM E/R..... PCS-40  
 B121A FRONT FOG LAMP LH POWER SUPPLY  
 CIRCUIT .....EXL-97, EXL-228  
 B1231 DAYTIME RUNNING LIGHT RH POWER  
 SUPPLY CIRCUIT .....EXL-98, EXL-229  
 B1256 FRONT FOG LAMP RH POWER SUPPLY  
 CIRCUIT .....EXL-99, EXL-230  
 B130D TCU ..... AV-426  
 B1310 TCU ..... AV-427  
 B13D9 TCU ..... AV-428  
 B13E1 TCU ..... AV-429  
 B1427 CONFIG SETTING..... SRC-112  
 B1428 SEAT BELT BUCKLE SWITCH LH . SRC-93

B1429 SEAT BELT BUCKLE SWITCH RH. SRC-95  
 B142A IGNITION VOLTAGE..... SRC-107  
 B142X COLLISION DETECTION ..... SRC-109  
 B1430 SEAT BELT PRE-TENSIONER ..... SRC-97  
 B1431 SEAT BELT PRE-TENSIONER..... SRC-100  
 B1432 LAP PRE-TENSIONER ..... SRC-103  
 B1433 LAP PRE-TENSIONER ..... SRC-105  
 B14XX AIR BAG DIAGNOSIS SENSOR UNIT .....  
 SRC-110  
 B20CB DAYTIME RUNNING LIGHT LH POWER  
 SUPPLY CIRCUIT .....EXL-100, EXL-231  
 B20CE HEADLAMP (HI) LH POWER SUPPLY  
 CIRCUIT .....EXL-101, EXL-232  
 B20CF HEADLAMP (HI) RH POWER SUPPLY  
 CIRCUIT .....EXL-102, EXL-233  
 B20D0 HEADLAMP (LO) LH POWER SUPPLY  
 CIRCUIT .....EXL-103, EXL-234  
 B20D1 HEADLAMP (LO) RH POWER SUPPLY  
 CIRCUIT .....EXL-104, EXL-235  
 B20D2 PARKING LAMP POWER SUPPLY CIRCUIT  
 EXL-105, EXL-236  
 B20D4 TAIL LAMP LH POWER SUPPLY CIRCUIT  
 EXL-106, EXL-237  
 B20D5 TAIL LAMP RH POWER SUPPLY CIRCUIT  
 EXL-107, EXL-238  
 B20DD IGNITION RELAY ON CIRCUIT..... PCS-41  
 B20DE IGNITION RELAY OFF CIRCUIT ... PCS-42  
 B20E2 LED HEADLAMP RH ..... EXL-239  
 B20E3 LED HEADLAMP LH..... EXL-240  
 B2190 NATS ANTENNA AMP... SEC-77, SEC-173  
 B2191 DIFFERENCE OF KEY .. SEC-80, SEC-176  
 B2192 ID DISCORD, IMMU-ECMSEC-81, SEC-177  
 B2193 CHAIN OF ECM-IMMU .. SEC-82, SEC-178  
 B2196 DONGLE UNIT ..... SEC-83, SEC-179  
 B2198 NATS ANTENNA AMP.... SEC-85, SEC-181  
 B2205 VEHICLE SPEED ..... MWI-57  
 B2267 ENGINE SPEED ..... MWI-58  
 B2268 WATER TEMP ..... MWI-59  
 B2401 IGNITION POWER SUPPLY CIRCUIT .....  
 DLK-117  
 B2409 HALF LATCH SWITCH ..... DLK-118  
 B2416 TOUCH SENSOR RH ..... DLK-121  
 B2417 TOUCH SENSOR LH ..... DLK-124  
 B2419 OPEN SWITCH ..... DLK-127  
 B2420 CLOSE SWITCH ..... DLK-130  
 B2422 BACK DOOR STATE..... DLK-133  
 B2423 AUTOMATIC BACK DOOR MOTOR  
 OPERATION TIME ..... DLK-136  
 B2426 ENCODER ..... DLK-138  
 B2427 ENCODER ..... DLK-141  
 B2428 AUTOMATIC BACK DOOR CONTROL UNIT  
 DLK-144  
 B242A CLOSURE CONDITION ..... DLK-145  
 B24A0 A/C AUTO AMP..... HAC-59  
 B24A1 A/C AUTO AMP. POWER SUPPLY HAC-60  
 B24A4 INTAKE SENSOR ..... HAC-62, HAC-163

B24A6 IN-VEHICLE SENSOR .....	HAC-65
B24A9 SUNLOAD SENSOR.....	HAC-68
B24B4 A/C CONTROL .....	HAC-77
B24B6 A/C CONTROL .....	HAC-79
B24B7 INTAKE DOOR MOTOR.....	HAC-81, HAC-166
B24B9 MODE DOOR MOTOR .....	HAC-84, HAC-169
B24BB LEFT AIR MIX DOOR MOTOR.....	HAC-71, HAC-172
B24BD RIGHT AIR MIX DOOR MOTOR ...	HAC-74
B24C3 BLOWER MOTOR FEEDBACK.....	HAC-87
B24C6 BLOWER MOTOR CONTROL.....	HAC-89
B24D4 A/C CONTROL COMMUNICATION.....	HAC-93
B2556 PUSH-BUTTON IGNITION SWITCH.....	SEC-87
B2557 VEHICLE SPEED .....	SEC-89
B2562 LOW VOLTAGE .....	BCS-68, BCS-129
B2600-46 CONFIG ERROR.....	LAN-97
B2600-55 CONFIG ERROR.....	LAN-98
B2602 SHIFT POSITION .....	SEC-90
B2604 SHIFT POSITION .....	SEC-93
B2608 STARTER RELAY .....	SEC-96, SEC-184
B260F ENGINE STATUS .....	SEC-97, SEC-185
B261A PUSH-BUTTON IGNITION SWITCH.....	PCS-80
B261E VEHICLE TYPE.....	SEC-99, SEC-187
B2621 INSIDE ANTENNA.....	DLK-148
B2622 INSIDE ANTENNA.....	DLK-150
B26F1 IGNITION RELAY .....	PCS-82
B26F2 IGNITION RELAY .....	PCS-84
B26FC KEY REGISTRATION.....	SEC-101
B27D1 START CUT RELAY OFF.....	SEC-102, SEC-189
B27D2 START CUT RELAY ON.....	SEC-105, SEC-192
B2E33 TELEMATICS SWITCH.....	AV-430
BACK DOOR.....	DLK-259, DLK-378
BACK DOOR CLOSURE MOTOR.....	DLK-206
BACK DOOR FINISHER.....	INT-38
BACK DOOR LOCK.....	DLK-274, DLK-393
BACK DOOR OPENER SWITCH .....	DLK-183
BACK DOOR OUTER FINISHER .....	EXT-50
BACK DOOR REQUEST SWITCH.....	DLK-181
BACK DOOR SWITCH .....	DLK-162
BACK DOOR WARNING CHIME.....	DLK-285, DLK-399
BACK DOOR WINDOW GLASS.....	GW-28
BACK-UP LAMP .....	EXL-79, EXL-209
BACK-UP LAMP ASSEMBLY ...	EXL-131, EXL-264
BASIC INSPECTION .....	EC-135
BATTERY .....	PG-71, PG-80
BATTERY TERMINAL WITH FUSIBLE LINK.....	PG-82
BCM.....	BCS-29, BCS-51, BCS-97, BCS-112, DLK-62, INL-17, PCS-63, RF-13, WT-18, WW-22
BCM (BODY CONTROL MODULE).....	BCS-76, BCS-137, DEF-13, MWI-32, PCS-91, PWC-15, WCS-29
BCM BRANCH LINE CIRCUIT ..	LAN-73, LAN-112, LAN-134, LAN-158, LAN-187, LAN-214, LAN-248, LAN-271, LAN-296, LAN-326, LAN-354
BCM, IPDM E/R .....	DLK-303, EXL-29, EXL-160

BLOWER MOTOR .....	VTL-17
BODY ALIGNMENT .....	BRM-43
BODY COMPONENT PARTS .....	BRM-11
BODY CONSTRUCTION .....	BRM-23
BODY EXTERIOR PAINT COLOR.....	BRM-2
BODY SIDE TRIM .....	INT-20
BOSE SPEAKER AMP.....	AV-258, AV-384
BOTH DOORS MIRROR DEFOGGER DON'T OPERATE BUT REAR WINDOW DEFOGGER OPERATES.....	DEF-36
BOTH SIDE FRONT FOG LAMPS ARE NOT TURNED ON.....	EXL-114, EXL-247
BOTH SIDE HEADLAMPS (HI) ARE NOT TURNED ON.....	EXL-111, EXL-244
BOTH SIDE HEADLAMPS (LO) ARE NOT TURNED ON.....	EXL-112, EXL-245
BRAKE BOOSTER.....	BR-8, BR-30
BRAKE CONTROL SYSTEM.....	BRC-59
BRAKE FLUID .....	BR-13
BRAKE MASTER CYLINDER.....	BR-7, BR-27
BRAKE PEDAL .....	BR-11, BR-19
BRAKE PEDAL POSITION SWITCH.....	EC-459
BRAKE PEDAL VIBRATION OR OPERATION SOUND OCCURS.....	BRC-178
BRAKE PIPING .....	BR-21
BRAKE WARNING LAMP .....	BRC-168
BSW INDICATOR.....	DAS-125

**C**

C10B7 YAW RATE SENSOR .....	BRC-227
C1101, C1102, C1103, C1104 WHEEL SENSOR ...	BRC-78
C1105, C1106, C1107, C1108 WHEEL SENSOR ...	BRC-83
C1109 POWER AND GROUND SYSTEM ..	BRC-90
C1110, C1153 ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT) .....	BRC-92
C1111 ABS MOTOR, MOTOR RELAY SYSTEM ....	BRC-94
C1113, C1145, C1146 YAW RATE/SIDE/DECEL G SENSOR .....	BRC-97
C1115 WHEEL SENSOR .....	BRC-99
C1116 STOP LAMP SWITCH.....	BRC-106
C1118 4WD SYSTEM .....	BRC-108
C1120, C1122, C1124, C1126 ABS IN VALVE SYSTEM .....	BRC-110
C1121, C1123, C1125, C1127 ABS OUT VALVE SYSTEM .....	BRC-112
C1130 ENGINE SIGNAL.....	BRC-114
C1140 ACTUATOR RELAY SYSTEM .....	BRC-116
C1142 PRESS SENSOR.....	BRC-118
C1143 STEERING ANGLE SENSOR .....	BRC-121
C1144 INCOMPLETE STEERING ANGLE SENSOR ADJUSTMENT .....	BRC-125
C1154 TRANSMISSION RANGE SWITCH.....	BRC-127
C1155 BRAKE FLUID LEVEL SWITCH ...	BRC-129

C1160 INCOMPLETE DECEL G SENSOR CALIBRATION.....	BRC-133	C1B50 SIDE RADAR MALFUNCTION.....	DAS-79
C1164, C1165 CV SYSTEM.....	BRC-135	C1B51 BLIND SPOT WARNING INDICATOR SHORT CIRCUIT.....	DAS-80
C1166, C1167 SV SYSTEM.....	BRC-137	C1B52 BLIND SPOT WARNING INDICATOR OPEN CIRCUIT.....	DAS-82
C1170 VARIANT CODING.....	BRC-139	C1B53 SIDE RADAR RIGHT MALFUNCTION.....	DAS-84
C1197 VACUUM SENSOR.....	BRC-141	C1B54 SIDE RADAR LEFT MALFUNCTION.....	DAS-85
C1198 VACUUM SENSOR.....	BRC-144	C1B55 RADAR BLOCKAGE.....	DAS-86
C1199 BRAKE BOOSTER.....	BRC-146	C1B5D FEB OPE COUNT LIMIT.....	BRC-250
C119A VACUUM SENSOR.....	BRC-149	C1B60 CHASSIS CONTROL SYSTEM.....	BRC-152
C1201 AWD CONTROL UNIT.....	DLN-36	C1B92-00 BRAKE CONTROL SYSTEM..	DAS-165
C1203 ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT).....	DLN-37	C1B93-00 ENGINE/HEV SYSTEM.....	DAS-167
C1204 AWD SOLENOID.....	DLN-38	C1B94-00 TRANSMISSION SYSTEM.....	DAS-169
C1209 MODE SW.....	DLN-41	C1B95-00 CONTROL MODULE.....	DAS-171
C1210 ECM.....	DLN-43	C1B99-00 CONTROL MODULE.....	DAS-172
C1601 BATTERY POWER SUPPLY.....	STC-20	C1BA0-00 ADAS/CHASSIS CONTROL BRAKE SYSTEM.....	DAS-173
C1602 NO TUNING SET.....	STC-23	C1BA2-00 STEERING ANGLE SENSOR.....	DAS-175
C1604 TORQUE SENSOR.....	STC-24	C1BA5-00 ADAS/CHASSIS CONTROL ENGINE SYSTEM.....	DAS-177
C1606 EPS MOTOR.....	STC-25	C1BAB-00 STOP LAMP SWITCH.....	DAS-178
C1607, C1608 EPS CONTROL UNIT.....	STC-26	C1BB2-00 CONTROL MODULE.....	DAS-180
C1609 VEHICLE SPEED SIGNAL.....	STC-27	C1BB3-00 CONTROL MODULE.....	DAS-181
C1704, C1705, C1706, C1707 LOW TIRE PRESSURE.....	WT-31	C1BB4-00 CONTROL MODULE.....	DAS-182
C1708, C1709, C1710, C1711 TRANSMITTER (NO DATA).....	WT-33	C1BB5-00 IGNITION POWER SUPPLY..	DAS-183
C1716, C1717, C1718, C1719 TRANSMITTER (PRESSURE DATA).....	WT-36	C1BB6-00 IGNITION POWER SUPPLY..	DAS-185
C1729 VEHICLE SPEED SIGNAL.....	WT-38	C1BB7-00 CONTROL MODULE.....	DAS-187
C1730, C1731, C1732, C1733 FLAT TIRE..	WT-39	C1BB8-00 CONTROL MODULE.....	DAS-188
C1734 BCM.....	WT-41	C1BB9-00 CONTROL MODULE.....	DAS-189
C1735 IGNITION SIGNAL.....	WT-43	C1BBA-00 CONTROL MODULE.....	DAS-190
C1765, C1766, C1767, C1768 TIRE PRESSURE SENSOR.....	WT-44	C1BBB-00 CONTROL MODULE.....	DAS-191
C1769 CONFIGURATION SETTING.....	WT-45	C1BBC-00 CONTROL MODULE.....	DAS-192
C1770, C1771, C1772, C1773 G SENSOR..	WT-46	C1BBD-00 VARIANT CODING.....	DAS-193
C1A00 CONTROL UNIT.....	DAS-75	C1BC0-00 FRONT RIGHT WHEEL SENSOR.....	DAS-194
C1A01 POWER SUPPLY CIRCUIT 1, C1A02 POWER SUPPLY CIRCUIT 2.....	BRC-228, DAS-76	C1BC1-00 FRONT LEFT WHEEL SENSOR.....	DAS-196
C1A03 VEHICLE SPEED SENSOR.....	BRC-229, DAS-77	C1BC2-00 REAR RIGHT WHEEL SENSOR.....	DAS-198
C1A04 ABS/TCS/VDC SYSTEM.....	BRC-231	C1BC3-00 REAR LEFT WHEEL SENSOR.....	DAS-200
C1A05 BRAKE SW/STOP LAMP SW.....	BRC-232	C1BC4-00 DECEL G SENSOR.....	DAS-202
C1A07 CVT.....	BRC-234	C1BC5-00 SIDE G SENSOR.....	DAS-204
C1A0C ADAS MESSAGE COUNTER FAILURE.....	BRC-249	C1BC6-00 PRESSURE SENSOR.....	DAS-206
C1A12 RADAR OFF-CENTER.....	BRC-235	CALIBRATION OF AUTOMATIC BACK DOOR POSITION INFORMATION.....	DLK-114
C1A14 ECM.....	BRC-236	CALIBRATION OF DECEL G SENSOR.....	BRC-74
C1A15 GEAR POSITION.....	BRC-237	CAMSHAFT.....	EM-69
C1A16 RADAR BLOCKED.....	BRC-239	CAMSHAFT VALVE CLEARANCE.....	EM-21
C1A17 DISTANCE SENSOR.....	BRC-241	CAN COMMUNICATION CIRCUIT 1.....	LAN-84, LAN-115, LAN-137, LAN-166, LAN-193, LAN-225, LAN-251, LAN-274, LAN-304, LAN-332, LAN-365
C1A18 RADAR AIMING INCMP.....	BRC-242		
C1A21 UNIT HIGH TEMP.....	BRC-243		
C1A24 NP RANGE.....	BRC-244		
C1A26 ECD MODE MALFUNCTION.....	BRC-246		
C1A39 STEERING ANGLE SENSOR.....	BRC-247		
C1A50 ADAS CONTROL UNIT.....	BRC-248		

CAN COMMUNICATION CIRCUIT 2 ..... LAN-86,  
 LAN-117, LAN-139, LAN-168, LAN-195,  
 LAN-227, LAN-253, LAN-276, LAN-306,  
 LAN-334, LAN-367

CAN COMMUNICATION SYSTEM ..... LAN-11

CAN GATEWAY ..... LAN-95

CAN SYSTEM ..... LAN-39

CCM BRANCH LINE CIRCUIT ..LAN-68, LAN-109,  
 LAN-130, LAN-154, LAN-183, LAN-210,  
 LAN-244, LAN-266, LAN-291, LAN-321,  
 LAN-349

CENTER CONSOLE ASSEMBLY ..... IP-19, IP-26

CENTER SPEAKER ..... AV-348, AV-387

CHARGING SYSTEM ..... CHG-6, CHG-17

CHARGING SYSTEM PRELIMINARY INSPECTION  
 CHG-15

CHASSIS COMMUNICATION CIRCUIT .... LAN-90,  
 LAN-231, LAN-371

CHASSIS CONTROL ..... DAS-153, DAS-230

CHASSIS CONTROL MODULE DAS-145, DAS-234

CHASSIS MAINTENANCE ..... MA-27

CLUSTER LID A ..... IP-21

CLUSTER LID C ..... IP-22

COIL SPRING ..... RSU-8

COLLISION DIAGNOSIS ..... SR-5

COMBINATION METER MWI-25, MWI-84, MWI-86,  
 WCS-22

COMBINATION SWITCH ..... BCS-77, BCS-138,  
 EXL-125, EXL-258

COMBINATION SWITCH INPUT CIRCUIT BCS-70,  
 BCS-131

COMBINATION SWITCH OUTPUT CIRCUIT .....  
 BCS-72, BCS-133

COMBINATION SWITCH SYSTEM SYMPTOMS...  
 BCS-74, BCS-135

COMPASS ..... MWI-50

COMPRESSION PRESSURE ..... EM-24

COMPRESSOR ..... HA-30

COMPRESSOR DOES NOT OPERATE HAC-104,  
 HAC-188

COMPRESSOR SYSTEM SYMPTOMS ..... HA-20

CONDENSER ..... DEF-42, HA-39

CONFIGURATION (ADAS CONTROL UNIT) DAS-61

CONFIGURATION (CAN GATEWAY) ..... LAN-96

CONFIGURATION (CHASSIS CONTROL  
 MODULE) ..... DAS-163

CONFIGURATION (IPDM E/R) ..... PCS-37

CONFIGURATION (TIRE PRESSURE  
 MONITORING SYSTEM) ..... WT-29

CONFIGURATION [ABS ACTUATOR AND  
 ELECTRIC UNIT (CONTROL UNIT)] .. BRC-76

CONSULT/GST CHECKING SYSTEM ..... GI-53

CONTROL CABLE ..... TM-197

COOLER PIPE AND HOSE ..... HA-32

COOLING FAN ..... CO-17, EC-462

CORROSION PROTECTION ..... BRM-16

COWL TOP ..... EXT-26

CRASH ZONE SENSOR ..... SR-22

CVT CONTROL SYSTEM ..... TM-65, TM-185

CVT FLUID ..... TM-189

CVT FLUID COOLER SYSTEM ..... TM-87

CVT OIL WARMER ..... TM-219

CVT POSITION ..... TM-91

CVT SHIFT LOCK SYSTEM ..... TM-75

CVT SHIFT SELECTOR ..... TM-193

CYLINDER BLOCK ..... EM-97

CYLINDER HEAD ..... EM-59

## D

DAYTIME RUNNING LIGHT SYSTEM ..... EXL-37,  
 EXL-167

DEFOGGER SYSTEM SYMPTOMS ..... DEF-33

DIAG ON CAN ..... LAN-13

DIAGNOSIS AND REPAIR WORK FLOW . AV-420,  
 BRC-68, BRC-214, DAS-57, DAS-159,  
 DLK-108, DLN-31, DMS-14, DMS-30, MWI-53,  
 PCS-74, SEC-66, SRC-37, TM-78, WCS-37,  
 WT-24

DIAGNOSIS SENSOR UNIT ..... SRC-17

DIAGNOSIS SYSTEM (A/C AUTO AMP.) .. HAC-22

DIAGNOSIS SYSTEM (ADAS CONTROL UNIT) ...  
 DAS-22

DIAGNOSIS SYSTEM (AIR BAG) ..... SRC-14

DIAGNOSIS SYSTEM (AROUND VIEW MONITOR  
 CONTROL UNIT) ..... AV-103, AV-250

DIAGNOSIS SYSTEM (AUDIO UNIT) ..... AV-20

DIAGNOSIS SYSTEM (AUTOMATIC BACK DOOR  
 CONTROL UNIT) ..... DLK-54

DIAGNOSIS SYSTEM (AV CONTROL UNIT) .....  
 AV-101, AV-248

DIAGNOSIS SYSTEM (AWD CONTROL UNIT) .....  
 DLN-18

DIAGNOSIS SYSTEM (BCM) ..... BCS-16, BCS-88,  
 DLK-49, DLK-301, EXL-18, EXL-149, SEC-19,  
 SEC-130

DIAGNOSIS SYSTEM (BCM) (WITH INTELLIGENT  
 KEY SYSTEM) ..... DEF-9, INL-12, PCS-57,  
 PWC-11, RF-9, WCS-18, WW-12

DIAGNOSIS SYSTEM (BCM) (WITHOUT  
 INTELLIGENT KEY SYSTEM) DEF-11, INL-15,  
 PCS-61, PWC-13, RF-11, WCS-20, WW-14

DIAGNOSIS SYSTEM (CAN GATEWAY) ... LAN-94

DIAGNOSIS SYSTEM (CHASSIS CONTROL  
 MODULE) ..... DAS-140

DIAGNOSIS SYSTEM (COMBINATION METER) ..  
 MWI-19, WCS-12

DIAGNOSIS SYSTEM (DISTANCE SENSOR) .....  
 BRC-207, DAS-25

DIAGNOSIS SYSTEM (ECM) ..... EC-59

DIAGNOSIS SYSTEM (EPS CONTROL UNIT) .....  
 STC-9

DIAGNOSIS SYSTEM (HVAC) ..... HAC-130

DIAGNOSIS SYSTEM (IPDM E/R) ..... EXL-23,  
EXL-154, HAC-26, HAC-133, PCS-11, SEC-24,  
SEC-132, WW-16

DIAGNOSIS SYSTEM (SIDE RADAR LH) . DAS-27

DIAGNOSIS SYSTEM (SIDE RADAR RH) DAS-28

DIAGNOSIS SYSTEM (TCM)..... TM-45

DIAGNOSIS SYSTEM (TCU)..... AV-408

DIAGNOSIS SYSTEM (TIRE PRESSURE  
MONITORING SYSTEM) ..... WT-13

DIAGNOSIS SYSTEM [ABS ACTUATOR AND  
ELECTRIC UNIT (CONTROL UNIT)]... BRC-45

DIFFERENTIAL ASSEMBLY ..... DLN-125

DIFFERENTIAL SIDE OIL SEAL..... TM-210

DISTANCE SENSOR BRC-209, BRC-264, DAS-38,  
DAS-122

DISTANCE SENSOR ALIGNMENT..... BRC-219,  
DAS-66

DISTANCE SENSOR INITIAL VERTICAL  
ALIGNMENT ..... BRC-217, DAS-64

DLC BRANCH LINE CIRCUIT... LAN-65, LAN-106,  
LAN-127, LAN-151, LAN-180, LAN-207,  
LAN-241, LAN-263, LAN-288, LAN-318,  
LAN-346

DOES NOT OPERATE ..... BRC-177

DONGLE UNIT ..... SEC-121, SEC-202

DOOR DOES NOT LOCK/UNLOCK WITH DOOR  
KEY CYLINDER OPERATION ..... DLK-215

DOOR DOES NOT LOCK/UNLOCK WITH DOOR  
LOCK AND UNLOCK SWITCH ..... DLK-212

DOOR DOES NOT LOCK/UNLOCK WITH DOOR  
REQUEST SWITCH ..... DLK-216

DOOR DOES NOT LOCK/UNLOCK WITH  
INTELLIGENT KEY ..... DLK-219

DOOR KEY CYLINDER SWITCH DLK-177, DLK-341

DOOR LOCK ACTUATOR..... DLK-170, DLK-344

DOOR LOCK AND UNLOCK SWITCH .... DLK-166,  
DLK-337

DOOR LOCK OPERATION WARNING DOES NOT  
OPERATE..... DLK-226

DOOR MIRROR ..... MIR-10, MIR-22

DOOR MIRROR ACTUATOR..... MIR-25

DOOR MIRROR DEFOGGER LH ..... DEF-29

DOOR MIRROR DEFOGGER RH ..... DEF-31

DOOR MIRROR GLASS ..... MIR-24

DOOR MIRROR REAR FINISHER ..... MIR-26

DOOR MIRROR REMOTE CONTROL SWITCH ....  
MIR-13, MIR-27

DOOR MOTOR..... HAC-113, HAC-193

DOOR MOTOR STARTING POSITION RESET .....  
HAC-56, HAC-160

DOOR OUTSIDE LOWER MOLDING ..... EXT-45

DOOR OUTSIDE MOLDING ..... EXT-42

DOOR REQUEST SWITCH ..... DLK-179, DLK-281

DOOR SASH MOLDING ..... EXT-40

DOOR SWITCH..... DLK-160, DLK-280, DLK-335,  
DLK-398, PWC-51, RF-35

DRIVE BELTS ..... EM-15

DRIVE PINION ..... DLN-82, DLN-136

DRIVE PINION OIL SEAL ..... DLN-113

DRIVER AIR BAG MODULE ..... SR-12

DRIVER ASSISTANCE SYSTEM SYMPTOMS .....  
BRC-261, DAS-117

DRIVER ASSISTANCE SYSTEMS ..... DAS-43

DRIVER SIDE DOOR MIRROR DEFOGGER DOES  
NOT OPERATE. .... DEF-37

DRIVER SIDE POWER WINDOW DOES NOT  
OPERATE..... PWC-57

DUCTS AND GRILLES..... VTL-8

## E

EASY FILL TIRE ALERT DOES NOT ACTIVATE ...  
WT-60

ECM BRANCH LINE CIRCUIT .. LAN-60, LAN-101,  
LAN-122, LAN-146, LAN-175, LAN-202,  
LAN-236, LAN-258, LAN-283, LAN-313,  
LAN-341

ECM, IPDM E/R, BCM HAC-37, HAC-143, SEC-30,  
SEC-138

ECO MODE ..... DMS-25

ECV (ELECTRICAL CONTROL VALVE) ... HAC-96,  
HAC-181

ELECTRIC CONTROLLED COUPLING.. DLN-115,  
DLN-121

ELECTRICAL LOAD SIGNAL..... EC-466

ELECTRICAL UNITS LOCATION..... PG-4

ENCODER CIRCUIT ..... PWC-46

ENGINE ASSEMBLY ..... EM-86

ENGINE CONTROL SYSTEM..... EC-108, EC-490

ENGINE COOLANT..... CO-8

ENGINE DOES NOT START WHEN INTELLIGENT  
KEY IS INSIDE OF VEHICLE..... SEC-112

ENGINE MAINTENANCE ..... MA-13

ENGINE OIL ..... LU-7

ENGINE STAND SETTING ..... EM-96

ENGINE START FUNCTION ..... SEC-31

EPS CONTROL UNIT ..... STC-11, STC-37

EPS SYSTEM..... STC-14

EPS WARNING LAMP ..... STC-29

EPS WARNING LAMP DOES NOT TURN OFF.....  
STC-31

EPS WARNING LAMP DOES NOT TURN ON .....  
STC-30

EPS/DAST 3 BRANCH LINE CIRCUIT ..... LAN-69,  
LAN-110, LAN-131, LAN-155, LAN-184,  
LAN-211, LAN-245, LAN-267, LAN-292,  
LAN-322, LAN-350

EVAP CANISTER ..... FL-20

EVAP CANISTER FILTER ..... FL-24

EVAP CANISTER VENT CONTROL VALVE . FL-22

EVAP CONTROL SYSTEM PRESSURE SENSOR  
FL-23

EVAP LEAK CHECK..... EC-500

EVAPORATIVE EMISSION SYSTEM..... EC-499  
EXCESSIVE OPERATION FREQUENCY BRC-173  
EXHAUST MANIFOLD AND THREE WAY  
CATALYST .....EM-32  
EXHAUST SYSTEM ..... EX-4, EX-5  
EXTERIOR LIGHTING SYSTEM SYMPTOMS.....  
EXL-108, EXL-241

---

## F

---

FENDER PROTECTOR..... EXT-29  
FILAMENT .....DEF-40  
FLOOR TRIM..... INT-26  
FLUID COOLER HOSE ..... TM-217  
FRONT AIR CONTROL .....HAC-139, HAC-190  
FRONT AND REAR WASHER MOTOR ..... WW-59  
FRONT BLOWER MOTOR..... HAC-176  
FRONT BUMPER ..... EXT-16  
FRONT CAMERA .....AV-222, AV-393  
FRONT COIL SPRING AND STRUT ..... FSU-10,  
FSU-23  
FRONT COMBINATION LAMP EXL-120, EXL-135,  
EXL-253, EXL-268  
FRONT DISC BRAKE BR-9, BR-15, BR-33, BR-48  
FRONT DOOR..... DLK-251, DLK-370  
FRONT DOOR FINISHER ..... INT-15  
FRONT DOOR GLASS ..... GW-14  
FRONT DOOR LOCK .....DLK-267, DLK-386  
FRONT DOOR SPEAKER .. AV-55, AV-75, AV-189,  
AV-217, AV-350, AV-386  
FRONT DRIVE SHAFT .... FAX-8, FAX-19, FAX-27,  
FAX-46, FAX-57, FAX-65  
FRONT DRIVE SHAFT BOOT ..... FAX-13, FAX-51  
FRONT FENDER..... DLK-249, DLK-368  
FRONT FOG LAMP ..... EXL-122, EXL-255  
FRONT FOG LAMP AIMING ADJUSTMENT .....  
EXL-118, EXL-251  
FRONT FOG LAMP SYSTEM .... EXL-51, EXL-181  
FRONT GRILLE ..... EXT-24  
FRONT PASSENGER AIR BAG MODULE... SR-17  
FRONT PASSENGER AIR BAG OFF INDICATOR  
SR-38  
FRONT PASSENGER SIDE POWER WINDOW  
DOES NOT OPERATE .....PWC-58  
FRONT POWER WINDOW MOTOR ..... GW-19  
FRONT POWER WINDOW SWITCH (PASSENGER  
SIDE) .....PWC-35  
FRONT REGULATOR..... GW-16  
FRONT SEAT..... SE-29, SE-51  
FRONT SEAT BELT ..... SB-8  
FRONT SEAT BELT BUCKLE SWITCH ..... SR-29  
FRONT SEAT BELT PRE-TENSIONER ..... SR-28  
FRONT SIDE AIR BAG MODULE ..... SR-21  
FRONT STABILIZER ..... FSU-15  
FRONT SUSPENSION ASSEMBLY ..... FSU-6  
FRONT SUSPENSION MEMBER ..... FSU-21

FRONT TWEETER AV-53, AV-74, AV-187, AV-216,  
AV-345, AV-385  
FRONT WASHER NOZZLE AND TUBE ..... WW-61  
FRONT WHEEL HUB..... FAX-9, FAX-47  
FRONT WHEEL HUB AND KNUCKLE ..... FAX-7,  
FAX-45  
FRONT WIPER AND WASHER SYSTEM .. WW-23  
FRONT WIPER ARM ..... WW-65  
FRONT WIPER AUTO STOP SIGNAL CIRCUIT ....  
WW-41  
FRONT WIPER BLADE ..... WW-67  
FRONT WIPER DOES NOT OPERATE ..... WW-54  
FRONT WIPER DRIVE ASSEMBLY WW-71, WW-80  
FRONT WIPER MOTOR..... WW-72  
FRONT WIPER MOTOR GROUND CIRCUIT .....  
WW-43  
FRONT WIPER MOTOR HI CIRCUIT ..... WW-39  
FRONT WIPER MOTOR LO CIRCUIT ..... WW-37  
FUEL FILLER LID OPENER .... DLK-277, DLK-395  
FUEL INJECTOR ..... EC-468  
FUEL INJECTOR AND FUEL TUBE ..... EM-45  
FUEL LEVEL SENSOR SIGNAL CIRCUIT MWI-63  
FUEL LEVEL SENSOR UNIT, FUEL FILTER AND  
FUEL PUMP ASSEMBLY ..... FL-5  
FUEL PRESSURE ..... EC-147  
FUEL PUMP ..... EC-471  
FUEL SYSTEM ..... FL-4  
FUEL TANK..... FL-12  
FUSE BLOCK - JUNCTION BOX (J/B) ..... PG-66  
FUSE INSPECTION..... PG-75  
FUSE, FUSIBLE LINK AND RELAY BOX .... PG-67  
FUSIBLE LINK INSPECTION ..... PG-79

---

## G

---

GENERAL MAINTENANCE ..... MA-5  
GENERATOR..... CHG-18  
GLASS LID..... RF-50  
GLOVE BOX ASSEMBLY AND HOUSING .... IP-24  
GLOVE BOX LAMP ..... INL-58  
GPS ANTENNA..... AV-225, AV-396  
GROUND ..... PG-35

---

## H

---

HALF LATCH SWITCH ..... DLK-197  
HANDLING PRECAUTION ..... BRC-206, DAS-21,  
DAS-139  
HARNES ..... PG-43  
HAZARD FUNCTION ..... DLK-190, DLK-353  
HAZARD SWITCH ..... EXL-91, EXL-126, EXL-222,  
EXL-259  
HEADLAMP ..... EXL-30, EXL-161  
HEADLAMP AIMING ADJUSTMENT ..... EXL-115,  
EXL-248  
HEADLAMP FUNCTION ..... SEC-108, SEC-195  
HEADLINING ..... INT-29

HEATED SEAT SWITCH ..... SE-50  
 HEATED SEAT SYSTEM ..... SE-19  
 HEATER AND AIR CONDITIONING SYSTEM  
 CONTROL SYMPTOMS ... HAC-100, HAC-183  
 HEATING AND COOLING UNIT ASSEMBLY HA-41  
 HEAVY TIGHT-CORNER BRAKING SYMPTOM  
 OCCURS ..... DLN-61  
 HIGH-MOUNTED STOP LAMP .EXL-130, EXL-263  
 HILL DESCENT CONTROL SWITCH .... BRC-165,  
 BRC-190  
 HOMELINK UNIVERSAL TRANSCEIVER DLK-105  
 HOOD ..... DLK-244, DLK-363  
 HOOD LOCK ..... DLK-264, DLK-383  
 HORN ..... HRN-3, HRN-6  
 HORN FUNCTION .. DLK-351, SEC-109, SEC-196  
 HOW TO ERASE PERMANENT DTC ..... EC-154,  
 TM-93  
 HOW TO FOLLOW TROUBLE DIAGNOSES .. GI-6  
 HOW TO READ WIRING DIAGRAMS ..... GI-9  
 HOW TO SELECT PISTON AND BEARING EM-114  
 HOW TO SET SRT CODE ..... EC-148  
 HOW TO USE THIS MANUAL ..... GI-3  
 HOW TO USE THIS SECTION ..... LAN-25  
 HVAC BRANCH LINE CIRCUIT .LAN-76, LAN-113,  
 LAN-135, LAN-161, LAN-190, LAN-217,  
 LAN-249, LAN-272, LAN-299, LAN-329,  
 LAN-357

## I

ICC BRANCH LINE CIRCUIT .... LAN-78, LAN-163,  
 LAN-219, LAN-301, LAN-359  
 ID REGISTRATION CANNOT BE COMPLETED ....  
 WT-59  
 ID REGISTRATION PROCEDURE ..... WT-26  
 IDENTIFICATION INFORMATION ..... GI-33  
 IDLE AIR VOLUME LEARNING ..... EC-144  
 IDLE SPEED ..... EC-497  
 IGNITION COIL ..... EM-41  
 IGNITION POSITION WARNING FUNCTION DOES  
 NOT OPERATE ..... DLK-220  
 IGNITION SIGNAL ..... EC-474  
 IGNITION TIMING ..... EC-498  
 ILLUMINATION ..... INL-30  
 IN-CABIN MICROFILTER ..... VTL-5  
 IN-VEHICLE SENSOR ..... HAC-109  
 INFORMATION DISPLAY (ASCD) ..... EC-479  
 INFORMATION DISPLAY IS MALFUNCTIONING ..  
 EC-495  
 INPUT SPEED SENSOR ..... TM-207  
 INSIDE KEY ANTENNA ..... DLK-282  
 INSIDE MIRROR ..... MIR-4, MIR-20  
 INSTRUMENT LOWER PANEL LH ..... IP-23  
 INSTRUMENT PANEL ASSEMBLY ..... IP-14  
 INSUFFICIENT COOLING ..... HAC-102, HAC-184  
 INSUFFICIENT HEATING ..... HAC-103, HAC-186  
 INTAKE MANIFOLD ..... EM-29

INTAKE SENSOR ..... HAC-111, HAC-191  
 INTEGRATED HOMELINK TRANSMITTER DLK-209  
 INTEGRATED HOMELINK TRANSMITTER DOES  
 NOT OPERATE ..... DLK-237  
 INTELLIGENT KEY ..... DLK-187  
 INTELLIGENT KEY BATTERY ..... DLK-286  
 INTELLIGENT KEY LOW BATTERY WARNING  
 DOES NOT OPERATE ..... DLK-225  
 INTELLIGENT KEY SYSTEM ..... DLK-76  
 INTELLIGENT KEY SYSTEM SYMPTOMS DLK-211  
 INTELLIGENT KEY WARNING BUZZER DLK-185,  
 DLK-284  
 INTERIOR LIGHTING SYSTEM SYMPTOMS INL-54  
 INTERIOR ROOM LAMP CONTROL CIRCUIT .....  
 INL-49  
 INTERIOR ROOM LAMP CONTROL SYSTEM .....  
 INL-18  
 INTERIOR ROOM LAMP POWER SUPPLY  
 CIRCUIT ..... INL-46  
 INTERMITTENT INCIDENT ..... SRC-43  
 IPDM E/R (INTELLIGENT POWER DISTRIBUTION  
 MODULE ENGINE ROOM) .. PCS-17, PCS-29,  
 PCS-44, PG-70  
 IPDM-E BRANCH LINE CIRCUIT LAN-62, LAN-103,  
 LAN-124, LAN-148, LAN-177, LAN-204,  
 LAN-238, LAN-260, LAN-285, LAN-315,  
 LAN-343  
 ITS COMMUNICATION CIRCUIT LAN-88, LAN-170,  
 LAN-229, LAN-308, LAN-369

## K

KEY FOB BATTERY ..... DLK-400  
 KEY ID WARNING DOES NOT OPERATED DLK-224  
 KEY INTERLOCK CABLE ..... TM-200  
 KEY SWITCH (BCM INPUT) ..... DLK-343  
 KEY SWITCH SIGNAL CIRCUIT (WITHOUT  
 INTELLIGENT KEY) ..... WCS-47  
 KEY WARNING LAMP ..... DLK-189  
 KEYFOB BATTERY AND FUNCTION ..... DLK-349  
 KEYFOB ID REGISTRATION ..... SEC-166

## L

LASER BRANCH LINE (ITS COMMUNIACTION  
 CIRCUIT) ..... LAN-81, LAN-222, LAN-362  
 LASER BRANCH LINE CIRCUIT (CHASSIS  
 COMMUNICATION CIRCUIT) LAN-80, LAN-221,  
 LAN-361  
 LATCH (LOWER ANCHORS AND TETHER FOR  
 CHILDREN) SYSTEM ..... SB-19  
 LED HEADLAMP OPERATION INSPECTION .....  
 EXL-216  
 LICENSE PLATE LAMP ..... EXL-133, EXL-266  
 LIFTING POINT ..... GI-28  
 LOCATION OF PLASTIC PARTS ..... BRM-7



LOW TIRE PRESSURE LOCATION INDICATOR CONTINUES DISPLAYING..... WT-58  
 LOW TIRE PRESSURE LOCATION INDICATOR DOES NOT DISPLAY ..... WT-57  
 LOW TIRE PRESSURE WARNING LAMP .. WT-49  
 LOW TIRE PRESSURE WARNING LAMP BLINKS WT-56  
 LOW TIRE PRESSURE WARNING LAMP DOES NOT TURN ON ..... WT-54  
 LOW TIRE PRESSURE WARNING LAMP STAYS ON..... WT-55  
 LOWER JOINT..... ST-15  
 LOWER LINK..... RSU-18  
 LUGGAGE ROOM LAMP ..... INL-61  
 LUGGAGE ROOM LAMP CIRCUIT ..... INL-51  
 LUGGAGE TRIM..... INT-33  
 LUMBAR SUPPORT SWITCH..... SE-48  
 LUMBAR SUPPORT SYSTEM ..... SE-16

**M**

M&A BRANCH LINE CIRCUIT... LAN-66, LAN-107, LAN-128, LAN-152, LAN-181, LAN-208, LAN-242, LAN-264, LAN-289, LAN-319, LAN-347  
 MAGNET CLUTCH ..... HAC-95, HAC-180  
 MAIN LINE BETWEEN AVM AND RDR-L CIRCUIT LAN-58, LAN-144, LAN-200, LAN-281, LAN-339  
 MAIN LINE BETWEEN CCM AND 4WD CIRCUIT . LAN-57, LAN-235, LAN-257, LAN-280, LAN-312, LAN-338  
 MAIN LINE BETWEEN CCM AND PWBD CIRCUIT LAN-56, LAN-121, LAN-143, LAN-174, LAN-199  
 MAIN LINE BETWEEN DLC AND CCM CIRCUIT.. LAN-55, LAN-100, LAN-120, LAN-142, LAN-173, LAN-198, LAN-234, LAN-256, LAN-279, LAN-311, LAN-337  
 MAIN LINE BETWEEN IPDM-E AND DLC CIRCUIT LAN-54, LAN-99, LAN-119, LAN-141, LAN-172, LAN-197, LAN-233, LAN-255, LAN-278, LAN-310, LAN-336  
 MAIN LINE BETWEEN RDR-L AND RDR-R CIRCUIT LAN-59, LAN-145, LAN-201, LAN-282, LAN-340  
 MAIN POWER SUPPLY AND GROUND CIRCUIT. TM-175  
 MAIN POWER WINDOW AND DOOR LOCK/ UNLOCK SWITCH ..... PWC-16, PWC-65  
 MALFUNCTION AREA CHART ..... LAN-52  
 MALFUNCTION INDICATOR LAMP ..... EC-480  
 MANUAL AIR CONDITIONING SYSTEM HAC-144  
 MAP LAMP ASSEMBLY ..... INL-55  
 METER BUZZER CIRCUIT..... DLK-188, WCS-42  
 METER CONTROL SWITCH..... INL-62, MWI-85  
 METER CONTROL SWITCH SIGNAL CIRCUIT .... MWI-69  
 METER SYSTEM..... MWI-33

MICROPHONE..... AV-78, AV-220, AV-391, AV-455  
 MICROPHONE SIGNAL CIRCUIT ..AV-61, AV-193, AV-360  
 MIXTURE RATIO SELF-LEARNING VALUE CLEAR EC-146  
 MOONROOF DOES NOT OPERATE PROPERLY . RF-39  
 MOONROOF MOTOR ASSEMBLY ..RF-14, RF-52  
 MOONROOF SWITCH..... RF-32, RF-62  
 MOONROOF SYSTEM..... RF-17  
 MOONROOF UNIT ASSEMBLY ..... RF-54  
 MUDGUARD ..... EXT-33  
 MULTI AV SYSTEM ..... AV-29, AV-199, AV-366

**N**

NATS ANTENNA AMP..... SEC-118, SEC-201  
 NAVIGATION WITH BOSE..... AV-267  
 NAVIGATION WITHOUT BOSE .....AV-116  
 NISSAN VEHICLE IMMOBILIZER SYSTEM-NATS SEC-44  
 NISSAN VEHICLE IMMOBILIZER SYSTEM-NATS SYMPTOMS..... SEC-199  
 NOISE, VIBRATION AND HARSHNESS (NVH) TROUBLESHOOTING BR-6, DLN-65, DLN-98, DLN-111, FAX-6, FAX-44, FSU-5, RAX-5, RAX-13, RSU-4, ST-5, WT-62  
 NONE OF THE POWER WINDOWS CAN BE OPERATED USING ANY SWITCH..... PWC-56  
 NORMAL OPERATING CONDITIONAV-70, AV-204, AV-372, AV-449, BCS-75, BCS-136, BRC-180, DAS-120, DAS-233, EC-496, EXL-110, EXL-243, WW-56  
 NVIS ..... SEC-139

**O**

O/D OFF INDICATOR LAMP..... TM-180  
 OCCUPANT CLASSIFICATION SYSTEM .... SR-30  
 OFF POSITION WARNING DOES NOT OPERATE DLK-221  
 OIL..... HA-25  
 OIL COOLER ..... LU-12  
 OIL FILTER ..... LU-10  
 OIL PAN ..... TM-205  
 OIL PAN AND OIL STRAINER..... EM-36  
 OIL PUMP ..... LU-15  
 OIL SEAL ..... EM-82  
 ON BOARD DIAGNOSTIC (OBD) SYSTEM EC-58, TM-44  
 ON BOARD REFUELING VAPOR RECOVERY (ORVR) ..... EC-481  
 OPERATION ..BRC-203, DAS-17, EC-57, HAC-19, HAC-128, MWI-18  
 OPERATION INSPECTION ..... HAC-52, HAC-157  
 OPTICAL SENSOR.... EXL-88, EXL-124, EXL-219, EXL-257

OUTPUT SPEED SENSOR .....	TM-209
OUTSIDE KEY ANTENNA .....	DLK-283
OUTSIDE KEY ANTENNA (DRIVER SIDE)DLK-156	
OUTSIDE KEY ANTENNA (PASSENGER SIDE) ...	DLK-154
OUTSIDE KEY ANTENNA (REAR BUMPER) .....	DLK-158
OVER FENDER.....	EXT-31
OVERDRIVE CONTROL SWITCH.....	TM-177
OVERHEATING CAUSE ANALYSIS .....	CO-6

**P**

P0011 IVT CONTROL .....	EC-180
P0014 EVT CONTROL.....	EC-184
P0030, P0031, P0032 A/F SENSOR 1 HEATER ....	EC-188
P0037, P0038 HO2S2 HEATER.....	EC-191
P0075 INTAKE VALVE TIMING CONTROL	EC-194
P0078 EVT CONTROL SOLENOID VALVE	EC-198
P0101 MAF SENSOR .....	EC-201
P0102, P0103 MAF SENSOR.....	EC-205
P0111 IAT SENSOR .....	EC-209
P0112, P0113 IAT SENSOR.....	EC-211
P0116 ECT SENSOR .....	EC-214
P0117, P0118 ECT SENSOR .....	EC-216
P0122, P0123 TP SENSOR .....	EC-219
P0125 ECT SENSOR.....	EC-222
P0127 IAT SENSOR.....	EC-224
P0128 THERMOSTAT FUNCTION .....	EC-226
P0130 A/F SENSOR 1 .....	EC-229
P0131 A/F SENSOR 1 .....	EC-233
P0132 A/F SENSOR 1 .....	EC-236
P0137 HO2S2 .....	EC-239
P0138 HO2S2 .....	EC-245
P0139 HO2S2 .....	EC-252
P014C, P014D, P015A, P015B, A/F SENSOR 1 ....	EC-258
P0171 FUEL INJECTION SYSTEM FUNCTION.....	EC-263
P0172 FUEL INJECTION SYSTEM FUNCTION.....	EC-268
P0181 FTT SENSOR .....	EC-273
P0182, P0183 FTT SENSOR .....	EC-277
P0196 EOT SENSOR.....	EC-280
P0197, P0198 EOT SENSOR .....	EC-284
P0222, P0223 TP SENSOR.....	EC-287
P0300, P0301, P0302, P0303, P0304 MISFIRE .....	EC-290
P0327, P0328 KS .....	EC-297
P0335 CKP SENSOR (POS).....	EC-299
P0340 CMP SENSOR (PHASE) .....	EC-302
P0420 THREE WAY CATALYST FUNCTION	EC-305
P0441 EVAP CONTROL SYSTEM.....	EC-310
P0443 EVAP CANISTER PURGE VOLUME CONTROL SOLENOID VALVE .....	EC-315

P0444, P0445 EVAP CANISTER PURGE VOLUME CONTROL SOLENOID VALVE .....	EC-320
P0447 EVAP CANISTER VENT CONTROL VALVE	EC-323
P0448 EVAP CANISTER VENT CONTROL VALVE	EC-327
P0451 EVAP CONTROL SYSTEM PRESSURE SENSOR .....	EC-331
P0452 EVAP CONTROL SYSTEM PRESSURE SENSOR .....	EC-335
P0453 EVAP CONTROL SYSTEM PRESSURE SENSOR .....	EC-338
P0456 EVAP CONTROL SYSTEM.....	EC-342
P0460 FUEL LEVEL SENSOR.....	EC-348
P0461 FUEL LEVEL SENSOR.....	EC-350
P0462, P0463 FUEL LEVEL SENSOR .....	EC-352
P0500 VSS .....	EC-354
P0506 ISC SYSTEM.....	EC-356
P0507 ISC SYSTEM.....	EC-358
P050A, P050B, P050E COLD START CONTROL ..	EC-360
P0520 EOP SENSOR.....	EC-362
P0524 ENGINE OIL PRESSURE .....	EC-365
P052A, P052B INTAKE VALVE TIMING CONTROL	EC-368
P0603, P062F ECM.....	EC-374
P0604 ECM .....	EC-376
P0605 ECM .....	EC-377
P0606 ECM .....	EC-378
P0607 ECM .....	EC-380
P060A ECM .....	EC-381
P060B ECM .....	EC-382
P062F EEPROM.....	TM-105
P0643 SENSOR POWER SUPPLY .....	EC-383
P0705 TRANSMISSION RANGE SENSOR A.....	TM-106
P0706 TRANSMISSION RANGE SENSOR A.....	TM-112
P0711 TRANSMISSION FLUID TEMPERATURE SENSOR A .....	TM-115
P0712 TRANSMISSION FLUID TEMPERATURE SENSOR A .....	TM-120
P0713 TRANSMISSION FLUID TEMPERATURE SENSOR A .....	TM-122
P0715 INPUT SPEED SENSOR A.....	TM-124
P0717 INPUT SPEED SENSOR A.....	TM-127
P0740 TORQUE CONVERTER.....	TM-130
P0743 TORQUE CONVERTER.....	TM-132
P0744 TORQUE CONVERTER.....	TM-134
P0746 PRESSURE CONTROL SOLENOID A.....	TM-136
P0776 PRESSURE CONTROL SOLENOID B.....	TM-138
P0778 PRESSURE CONTROL SOLENOID B.....	TM-140

P0779 PRESSURE CONTROL SOLENOID B .....	EC-424
TM-142	
P0841 TRANSMISSION FLUID PRESSURE SEN/ SW A .....	EC-428
TM-144	
P0847 TRANSMISSION FLUID PRESSURE SEN/ SW B .....	EC-431
TM-145	
P0848 TRANSMISSION FLUID PRESSURE SEN/ SW B .....	EC-434
TM-147	
P084C TRANSMISSION FLUID PRESSURE SEN/ SW H .....	EC-436
TM-149	
P084D TRANSMISSION FLUID PRESSURE SEN/ SW H .....	EC-438
TM-151	
P0850 PNP SWITCH .....	EC-441
P0863 TCM COMMUNICATION .....	EC-444
P0890 TCM .....	EC-447
P0962 PRESSURE CONTROL SOLENOID A .....	EC-451
TM-156	
P0963 PRESSURE CONTROL SOLENOID A .....	EC-457
TM-158	
P0965 PRESSURE CONTROL SOLENOID B .....	TM-166
TM-160	
P0966 PRESSURE CONTROL SOLENOID B .....	TM-169
TM-162	
P0967 PRESSURE CONTROL SOLENOID B .....	TM-171
TM-164	
P1078 EVT CONTROL POSITION SENSOREC-389	TM-173
P1148 CLOSED LOOP CONTROL .....	SEC-117
P1212 TCS COMMUNICATION LINE .....	RF-63
P1217 ENGINE OVER TEMPERATURE ....	PB-7
P1225 TP SENSOR .....	PB-9
P1226 TP SENSOR .....	PB-10
P155D GENERATOR .....	PB-6, PB-12
P1564 ASCD STEERING SWITCH .....	PB-11
P1568 SIGNAL INVALID .....	PB-4
P1572 BRAKE PEDAL POSITION SWITCHEC-406	PB-4
P1574 ASCD VEHICLE SPEED SENSOR .	EXL-64, EXL-194
P1610 LOCK MODE .....	EXL-113, EXL-246
P1611 ID DISCORD, IMMU-ECMSEC-72, SEC-168	
P1612 CHAIN OF ECM-IMMU ...	
P161D IMMOBILIZER .....	
P161E IMMOBILIZER .....	
P161F IMMOBILIZER .....	
P1715 INPUT SPEED SENSOR .....	
P1804 AWD CONTROL UNIT .....	
P1805 BRAKE SWITCH .....	
P1808 WHEEL SPEED SENSOR .....	
P1809 AWD CONTROL UNIT .....	
P1811 BATTERY VOLTAGE .....	
P181B INCOMPLETE SELF SHUT .....	
P181D ENGINE TORQUE SIGNAL .....	
P181F INCOMPLETE CALIBRATION .....	
P2004 INTAKE MANIFOLD RUNNER CONTROL VALVE .....	
P2014, P2016, P2017, P2018 INTAKE MANIFOLD RUNNER CONTROL VALVE POSITION SENSOR .....	
P2096, P2097 A/F SENSOR 1 .....	
P2100, P2103 THROTTLE CONTROL MOTOR RELAY .....	
P2101 ELECTRIC THROTTLE CONTROL FUNCTION .....	
P2118 THROTTLE CONTROL MOTOR ....	
P2119 ELECTRIC THROTTLE CONTROL ACTUATOR .....	
P2122, P2123 APP SENSOR .....	
P2127, P2128 APP SENSOR .....	
P2135 TP SENSOR .....	
P2138 APP SENSOR .....	
P219A AIR FUEL RATIO .....	
P2610 ECM INTERNAL TIMER .....	
P2765 INPUT SPEED SENSOR B .....	
P2813 SELECT SOLENOID .....	
P2814 SELECT SOLENOID .....	
P2815 SELECT SOLENOID .....	
PANIC ALARM FUNCTION DOES NOT OPERATE SEC-117	
PANORAMIC ROOF GLASS .....	
PARKING BRAKE CONTROL .....	
PARKING BRAKE FRONT CABLE .....	
PARKING BRAKE REAR CABLE .....	
PARKING BRAKE SHOE .....	
PARKING BRAKE SWITCH .....	
PARKING BRAKE SWITCH SIGNAL CIRCUIT .....	
MWI-65, WCS-45	
PARKING BRAKE SYSTEM .....	
PARKING, LICENSE PLATE AND TAIL LAMPS SYSTEM .....	
PARKING, LICENSE PLATE, SIDE MARKER AND TAIL LAMPS ARE NOT TURNED ON	
EXL-113, EXL-246	
PASSENGER SIDE DOOR MIRROR DEFOGGER DOES NOT OPERATE. ....	
PERFORMANCE TEST .....	
PERIODIC MAINTENANCE .....	
PERSONAL LAMP .....	
PLUG .....	
POSITIVE CRANKCASE VENTILATION ....	
POWER DISTRIBUTION SYSTEM .....	
POWER DOOR LOCK SYSTEM DLK-63, DLK-304	
POWER DOOR LOCK SYSTEM SYMPTOMS .....	
DLK-354	
POWER SEAT FOR DRIVER SIDE .....	
POWER SEAT FOR PASSENGER SIDE .....	
POWER SEAT SWITCH .....	
POWER SOCKET .....	
POWER SUPPLY ROUTING CIRCUIT .....	
POWER WINDOW AND DOOR LOCK/UNLOCK SWITCH RH .....	
POWER WINDOW CONTROL SYSTEM SYMPTOMS .....	
POWER WINDOW LOCK SWITCH DOES NOT FUNCTION .....	

POWER WINDOW MOTOR .....	PWC-39
POWER WINDOW RELAY .....	PWC-49
POWER WINDOW RETAINED POWER OPERATION DOES NOT OPERATE PROPERLY .....	PWC-62
POWER WINDOW SYSTEM .....	PWC-18
PRECAUTIONS.....	ACC-2, AV-10, AV-82, AV-228, AV-399, BCS-5, BCS-78, BR-3, BRC-6, BRC-191, BRM-3, CCS-2, CHG-2, CO-2, DAS-7, DAS-128, DEF-3, DLK-11, DLK-291, DLN-5, DLN-95, DLN-105, DMS-3, DMS-20, EC-8, EM-3, EX-2, EXL-7, EXL-138, EXT-3, FAX-3, FAX-41, FL-2, FSU-2, GI-23, GW-2, HA-3, HAC-5, HAC-117, HRN-2, INL-3, INT-3, IP-2, LAN-10, LAN-26, LAN-92, LU-2, MA-3, MIR-2, MWI-4, PB-2, PCS-4, PCS-47, PG-2, PWC-4, PWO-2, RAX-3, RAX-10, RF-3, RSU-2, SB-2, SE-3, SEC-5, SEC-122, SR-2, SRC-4, ST-2, STC-3, STR-2, TM-6, VTL-2, WCS-3, WT-3, WW-3
PRIMARY SPEED SENSOR .....	TM-208
PUSH-BUTTON IGNITION SWITCH.....	PCS-87, PCS-92, SEC-120
PUSH-BUTTON IGNITION SWITCH DOES NOT OPERATE.....	PCS-90
PUSH-BUTTON IGNITION SWITCH ILLUMINATION CIRCUIT .....	INL-52
PWBD BRANCH LINE CIRCUIT	LAN-72, LAN-133, LAN-157, LAN-186, LAN-213, LAN-270, LAN-295, LAN-325, LAN-353

## Q

QUARTER WINDOW GLASS .....	GW-26
----------------------------	-------

## R

RADIATOR .....	CO-12, CO-13
RADIATOR CORE SUPPORT..	DLK-248, DLK-367
RDR-L BRANCH LINE CIRCUIT	LAN-82, LAN-164, LAN-223, LAN-302, LAN-363
RDR-R BRANCH LINE CIRCUIT	LAN-83, LAN-165, LAN-224, LAN-303, LAN-364
REAR BUMPER .....	EXT-20
REAR COMBINATION LAMP ...	EXL-128, EXL-136, EXL-261, EXL-269
REAR DIFFERENTIAL GEAR OIL .....	DLN-112
REAR DISC BRAKE .	BR-10, BR-17, BR-44, BR-54
REAR DOOR.....	DLK-255, DLK-374
REAR DOOR FINISHER .....	INT-18
REAR DOOR GLASS .....	GW-20
REAR DOOR LOCK .....	DLK-271, DLK-390
REAR DOOR SPEAKER.....	AV-57, AV-76, AV-191, AV-218, AV-353, AV-388
REAR DRIVE SHAFT ....	RAX-15, RAX-19, RAX-21
REAR FINAL DRIVE ASSEMBLY .....	DLN-120

REAR LH SIDE POWER WINDOW DOES NOT OPERATE.....	PWC-59
REAR POWER WINDOW MOTOR .....	GW-25
REAR POWER WINDOW SWITCH .....	PWC-37, PWC-67
REAR PROPELLER SHAFT .....	DLN-99, DLN-100
REAR REGULATOR.....	GW-22
REAR RH SIDE POWER WINDOW DOES NOT OPERATE.....	PWC-60
REAR SHOCK ABSORBER .....	RSU-14
REAR SPOILER .....	EXT-47
REAR STABILIZER .....	RSU-21
REAR SUSPENSION ARM .....	RSU-17
REAR SUSPENSION ASSEMBLY .....	RSU-5
REAR SUSPENSION MEMBER .....	RSU-23
REAR VIEW CAMERA .....	AV-79, AV-224, AV-395
REAR VIEW CAMERA IMAGE SIGNAL CIRCUIT.. AV-59	
REAR VIEW MONITOR SYSTEM.....	AV-42
REAR WASHER NOZZLE AND TUBE.....	WW-77
REAR WHEEL HUB .....	RAX-7
REAR WHEEL HUB AND HOUSING .....	RAX-6, RAX-14, RAX-16
REAR WINDOW DEFOGGER AND DOOR MIRROR DEFOGGER DO NOT OPERATE.....	DEF-34
REAR WINDOW DEFOGGER DOES NOT OPERATE BUT BOTH OF DOOR MIRROR DEFOGGER OPERATE. ....	DEF-35
REAR WINDOW DEFOGGER POWER SUPPLY AND GROUND CIRCUIT .....	DEF-27
REAR WINDOW DEFOGGER RELAY .....	DEF-25
REAR WINDOW DEFOGGER SWITCH ....	DEF-23
REAR WINDOW DEFOGGER SWITCH DOES NOT LIGHT, BUT REAR WINDOW DEFOGGER OPERATES .....	DEF-39
REAR WINDOW DEFOGGER SYSTEM....	DEF-14
REAR WIPER AND WASHER SYSTEM.....	WW-29
REAR WIPER ARM .....	WW-74
REAR WIPER AUTO STOP SIGNAL CIRCUIT..... WW-50	
REAR WIPER MOTOR.....	WW-76
REAR WIPER MOTOR CIRCUIT .....	WW-48
RECOMMENDED CHEMICAL PRODUCTS AND SEALANTS.....	GI-22
RECOMMENDED FLUIDS AND LUBRICANTS..... MA-11	
REFRIGERANT .....	HA-21
REFRIGERANT PRESSURE SENSOR....	EC-486, HAC-112, HAC-192
REFRIGERATION SYSTEM SYMPTOMS ...	HA-17
REMOTE KEYLESS ENTRY RECEIVER ....	WT-81
REMOTE KEYLESS ENTRY SYSTEM....	DLK-317
REMOTE KEYLESS ENTRY SYSTEM SYMPTOMS DLK-355	
REPAIRING HIGH STRENGTH STEEL .....	BRM-4

REPAIRING MATERIAL ..... BRM-10  
 REPLACEMENT OPERATIONS ..... BRM-26  
 RETAINED POWER OPERATION DOES NOT  
 OPERATE PROPERLY ..... RF-43  
 RIGHT/LEFT SWITCHING SIGNAL CIRCUIT .....  
 DAS-111  
 RING GEAR SHAFT ..... DLN-77  
 ROCKER COVER ..... EM-42  
 ROOF RACK ..... EXT-44  
 ROOF SIDE MOLDING ..... EXT-38  
 ROOM LAMP ..... INL-59

**S**

S CONNECTOR CIRCUIT ..... STR-19  
 SEAT BELT BUCKLE SWITCH SIGNAL CIRCUIT .  
 WCS-43  
 SEAT BELT INDCTR LAMP IS ON, PASS AIR BAG  
 INDCTR IS ON OR OFF ..... SRC-117  
 SEAT BELT WARNING SYSTEM ..... SRC-115  
 SECOND ROW SEAT ..... SE-64  
 SECOND ROW SEAT BELT ..... SB-12  
 SECOND ROW SEATS ..... SE-37  
 SECURITY INDICATOR LAMP SEC-110, SEC-197  
 SECURITY INDICATOR LAMP DOES NOT TURN  
 ON OR BLINK ..... SEC-113  
 SENSOR POWER SUPPLY2 CIRCUIT ..... EC-488  
 SENSOR ROTOR ..... BRC-184  
 SERVICE DATA AND SPECIFICATIONS (SDS) ....  
 ACC-5, BR-57, CHG-20, CO-25, DLN-94,  
 DLN-104, DLN-142, EC-504, EM-121, EXL-137,  
 EXL-270, FAX-39, FAX-77, FL-25, FSU-27,  
 HA-48, INL-63, LU-19, PB-15, PG-83, PWO-8,  
 RAX-9, RAX-27, RSU-25, ST-25, STR-22,  
 TM-228, VTL-18, WT-82, WW-81  
 SERVICE INFORMATION FOR ELECTRICAL  
 INCIDENT ..... GI-39  
 SHIFT LOCK SYSTEM ..... TM-182  
 SHIFT POSITION INDICATOR CIRCUIT ..... TM-181  
 SHIPPING MODE CANCEL OPERATION. BCS-64,  
 BCS-125  
 SIDE AIR BAG (SATELLITE) SENSOR ..... SR-23  
 SIDE AIR SPOILER ..... EXT-48  
 SIDE CAMERA ..... AV-223, AV-394  
 SIDE CURTAIN AIR BAG MODULE ..... SR-19  
 SIDE OIL SEAL ..... DLN-114  
 SIDE RADAR ..... DAS-124  
 SIDE RADAR LH ..... DAS-34  
 SIDE RADAR RH ..... DAS-36  
 SIDE TURN SIGNAL LAMP ..... EXL-127, EXL-260  
 SPARK PLUG ..... EM-19  
 SPINDLE MOTOR ..... DLK-204  
 SPIRAL CABLE ..... SR-15  
 SPORT MODE ..... DMS-9  
 SPORT MODE SWITCH ..... DMS-15, DMS-18  
 SPORT MODE SYSTEM ..... DMS-10

SQUEAK AND RATTLE TROUBLE DIAGNOSES..  
 DLK-238, DLK-357, EXT-10, GW-5, INT-9, IP-8,  
 MIR-14, RF-44, SE-23  
 SRS AIR BAG SYSTEM ..... SRC-25  
 SRS AIR BAG WARNING LAMP DOES NOT TURN  
 OFF ..... SRC-114  
 SRS AIR BAG WARNING LAMP DOES NOT TURN  
 ON ..... SRC-113  
 STALL TEST ..... TM-90  
 STARTER MOTOR ..... STR-21  
 STARTING SYSTEM ..... STR-7, STR-20  
 STEERING ANGLE SENSOR ..... BRC-189  
 STEERING COLUMN ..... ST-8, ST-12  
 STEERING COLUMN COVERS ..... IP-18  
 STEERING GEAR AND LINKAGE ..... ST-9, ST-18,  
 ST-21, ST-23  
 STEERING KNUCKLE ..... FSU-18  
 STEERING LOCK UNIT ..... DLK-401  
 STEERING SWITCH ..... AV-63, AV-195, AV-215,  
 AV-362, AV-383, MWI-71  
 STEERING SWITCHES ..... AV-73  
 STEERING WHEEL ..... ST-6, ST-11  
 STEERING WHEEL TURNING FORCE IS HEAVY  
 OR LIGHT ..... STC-32  
 STOP LAMP ..... EXL-75, EXL-205  
 STRG BRANCH LINE CIRCUIT. LAN-70, LAN-111,  
 LAN-132, LAN-156, LAN-185, LAN-212,  
 LAN-246, LAN-268, LAN-293, LAN-323,  
 LAN-351  
 STRUCTURE AND OPERATION DLN-12, DLN-97,  
 DLN-110, EC-29, TM-22  
 SUBWOOFER ..... AV-356, AV-389  
 SUNLOAD SENSOR ..... HAC-110  
 SUNSHADE ..... RF-65  
 SUNSHADE MOTOR ASSEMBLY .... RF-16, RF-60  
 SUNSHADE SYSTEM DOES NOT OPERATE  
 PROPERLY ..... RF-40  
 SWITCH DOES NOT TURN ON / SWITCH DOES  
 NOT TURN OFF ..... DAS-119  
 SYSTEM (AUTOMATIC BACK DOOR SYSTEM) ...  
 DLK-41  
 SYSTEM (INTEGRATED HOMELINK  
 TRANSMITTER) ..... DLK-48  
 SYSTEM (INTELLIGENT KEY SYSTEM) ... DLK-30  
 SYSTEM SETTING ..... HAC-54, HAC-159  
 SYSTEM SETTINGS CANNOT BE TURNED ON/  
 OFF ..... BRC-262  
 SYSTEM SETTINGS CANNOT BE TURNED ON/  
 OFF IN VEHICLE INFORMATION DISPLAY ...  
 DAS-118

**T**

TAKE AWAY WARNING DOES NOT OPERATE ....  
 DLK-222  
 TCM ..... TM-52, TM-202

TCM BRANCH LINE CIRCUIT .. LAN-63, LAN-104,  
LAN-125, LAN-149, LAN-178, LAN-205,  
LAN-239, LAN-261, LAN-286, LAN-316,  
LAN-344

TCU ..... AV-410, AV-452

TCU BRANCH LINE CIRCUIT .. LAN-79, LAN-192,  
LAN-220, LAN-331, LAN-360

TEL ANTENNA ..... AV-454

TELEMATICS SWITCH ..... AV-453

TELEMATICS SYSTEM.... AV-405, AV-415, AV-448

THE AMBIENT TEMPERATURE DISPLAY IS  
INCORRECT ..... MWI-83

THE BRAKING DISTANCE IS LONG..... BRC-176

THE DOOR OPEN WARNING CONTINUES  
DISPLAYING, OR DOES NOT DISPLAY MWI-79

THE ECO MODE INDICATOR LAMP DOES NOT  
TURN ON ..... DMS-34

THE FUEL GAUGE DOES NOT MOVE ..... MWI-75

THE KEY WARNING DOES NOT SOUND  
(WITHOUT INTELLIGENT KEY)..... WCS-53

THE LIFTGATE OPEN WARNING CONTINUES  
DISPLAYING, OR DOES NOT DISPLAY MWI-80

THE LIGHT REMINDER WARNING DOES NOT  
SOUND ..... WCS-52

THE LOW WASHER FLUID WARNING  
CONTINUES DISPLAYING, or DOES NOT  
DISPLAY..... MWI-78

THE METER CONTROL SWITCH IS INOPERATIVE  
MWI-81

THE OIL PRESSURE WARNING CONTINUES  
DISPLAYING, OR DOES NOT DISPLAY MWI-76

THE PARKING BRAKE RELEASE WARNING  
CONTINUES DISPLAYING, OR DOES NOT  
DISPLAY..... MWI-77

THE PARKING BRAKE RELEASE WARNING  
CONTINUES SOUNDING, OR DOES NOT  
SOUND ..... WCS-50

THE SEAT BELT REMINDER WARNING  
CONTINUES SOUNDING, OR DOES NOT  
SOUND ..... WCS-51

THE SPORT MODE INDICATOR LAMP DOES NOT  
TURN ON ..... DMS-17

THE STEERING SWITCHES ARE INOPERATIVE.  
MWI-82

THERMOSTAT AND WATER CONTROL VALVE....  
CO-21

THIRD ROW SEAT ..... SE-80

THIRD ROW SEAT BELT ..... SB-16

THIRD ROW SEATS ..... SE-42

THROTTLE VALVE CLOSED POSITION  
LEARNING ..... EC-143

TIGHTENING TORQUE OF STANDARD BOLTS ...  
GI-19

TIMING CHAIN ..... EM-49

TIRE PRESSURE MONITORING SYSTEM WT-15,  
WT-19

TIRE PRESSURE SENSOR..... WT-68

TIRE SIZE INCORRECT IS DISPLAYED ON  
INFORMATION DISPLAY ..... DLN-64

TOP TETHER STRAP CHILD RESTRAINT .. SB-20

TORQUE CONVERTER AND CONVERTER  
HOUSING OIL SEAL ..... TM-225

TOUCH SENSOR ..... DLK-199

TOW TRUCK TOWING ..... GI-30

TPMS ..... WT-52

TRANSAXLE ASSEMBLY ..... TM-222

TRANSFER ASSEMBLY ..... DLN-71

TRANSFER CASE..... DLN-90

TRANSFER COVER..... DLN-73

TRANSFER COVER OIL SEAL..... DLN-70

TRANSFER OIL..... DLN-66

TRANSVERSE LINK ..... FSU-13

TROUBLE DIAGNOSIS ..... LAN-14

TROUBLE DIAGNOSIS - SPECIFICATION VALUE  
EC-160

TURN SIGNAL AND HAZARD WARNING LAMP  
SYSTEM..... EXL-57, EXL-187

TURN SIGNAL LAMP CIRCUIT .. EXL-93, EXL-224

## U

U0073 COMMUNICATION BUS A OFF ..... TM-94

U0100 LOST COMMUNICATION (ECM A) .. TM-95

U0101 CAN COMM CIRCUIT ..... EC-172

U0102 LOST COMMUNICATION (TRANSFER) ....  
TM-96

U0104 ADAS CAN 1 ..... DAS-87

U0121 VDC CAN 2 ..... BRC-251, DAS-88

U0126 STRG SEN CAN 1 ..... BRC-252, DAS-89

U0140 LOST COMMUNICATION (BCM) ..... TM-97

U0141 LOST COMMUNICATION (BCM A) .. TM-98

U0155 LOST COMMUNICATION (IPC) ..... TM-99

U0235 DIST SEN CAN CIRC 1 ..... DAS-90

U0300 CAN COMMUNICATION DATA..... TM-100

U0401 ECM CAN 1 ..... BRC-253

U0402 TCM CAN 1 ..... DAS-91

U0405 ADAS CAN 2 ..... DAS-92

U0415 VDC CAN 1 ..... BRC-254, DAS-93

U0415 VEHICLE SPEED SIG ... BCS-67, BCS-128

U0428 STEERING ANGLE SENSOR ..... AV-154,  
AV-310

U0428 STRG SEN CAN 2 ..... BRC-255, DAS-94

U0433 DIST SEN CAN CIRC 2 ..... DAS-95

U1000 CAN COMM CIRCUIT ..... AV-155, AV-311,  
AV-431, BCS-65, BCS-126, BRC-154, BRC-256,  
DAS-96, DLK-115, DLK-332, DLN-56, HAC-57,  
HAC-161, MWI-55, PCS-39, PCS-77, SRC-44,  
STC-28, TM-101, WT-47

U1000-00 CAN COMM CIRCUIT ..... DAS-208

U1001 CAN COMM CIRCUIT ..... EC-173

U1002 SYSTEM COMM (CAN) ..... BRC-155

U1010 CONTROL UNIT (CAN).....	AV-156, AV-312, AV-432, BCS-66, BCS-127, BRC-157, BRC-257, DAS-99, DLK-116, DLK-333, DLN-57, HAC-58, HAC-162, MWI-56, PCS-79, SRC-45, WT-48
U1040 ENG COMM CIRCUIT .....	EC-174
U1044 ENG COMM CIRCUIT .....	EC-176
U1050, U1051 LIN COMMUNICATION .....	EC-178
U110F LOST COMMUNICATION (ECM)....	TM-102
U1111 LOST COMMUNICATION (CHASSIS CONTROL MODULE).....	TM-103
U1117 LOST COMMUNICATION (ABS) .....	TM-104
U111A REAR CAMERA IMAGE SIGNAL CIRCUIT	AV-157, AV-313
U111B SIDE CAMERA RH IMAGE SIGNAL CIRCUIT .....	AV-159, AV-315
U111C FRONT CAMERA IMAGE SIGNAL CIRCUIT	AV-161, AV-317
U111D SIDE CAMERA LH IMAGE SIGNAL CIRCUIT .....	AV-163, AV-319
U1217 AV CONTROL UNIT .....	AV-165, AV-321
U1229 AV CONTROL UNIT .....	AV-166, AV-322
U122F AV CONTROL UNIT .....	AV-167, AV-323
U1232 STEERING ANGLE SENSOR.....	AV-168, AV-324
U1244 GPS ANTENNA.....	AV-169, AV-325
U1258 SATELLITE RADIO ANTENNA .....	AV-170, AV-326
U1263 USB .....	AV-171, AV-327
U1265 BOSE AMP. ....	AV-328
U12AA CONFIGURATION ERROR.....	AV-172, AV-329
U12AB ANTENNA.....	AV-173, AV-330
U12AC AV CONTROL UNIT .....	AV-174, AV-331
U12AD AV CONTROL UNIT .....	AV-175, AV-332
U12AE AV CONTROL UNIT .....	AV-176, AV-333
U12AF AV CONTROL UNIT .....	AV-177, AV-334
U12B0 POWER SUPPLY VOLTAGE.....	AV-178, AV-335
U12B1 POWER SUPPLY VOLTAGE.....	AV-179, AV-336
U1300 AV COMM CIRCUIT .....	AV-180, AV-337
U1304 CAMERA IMAGE CALIBRATION ...	AV-182, AV-339
U1305 CONFIG UNFINISH.....	AV-183, AV-340
U1310 CONTROL UNIT (AV).....	AV-184, AV-341
U1321 CONFIGURATION.....	DAS-100
U1503 SIDE RDR L CAN 2 .....	DAS-101
U1504 SIDE RDR L CAN 1 .....	DAS-102
U1505 SIDE RDR R CAN 2 .....	DAS-103
U1506 SIDE RDR R CAN 1 .....	DAS-104
U1507 LOST COMM(SIDE RDR R).....	DAS-105
U1508 LOST COMM(SIDE RDR L) .....	DAS-106
U1527 CCM CAN 1 .....	BRC-258
U153F CCM CAN 2.....	BRC-259
U1A00 TCU .....	AV-433
U1A01 TCU .....	AV-434
U1A03 TCU .....	AV-435
U1A04 TCU .....	AV-436
U1A06 TEL ANTENNA .....	AV-437
U1A09 GPS ANTENNA.....	AV-438
U1A0A TCU .....	AV-441
U1A0B MICROPHONE .....	AV-442
U1A0C MICROPHONE .....	AV-444
U1A0E TELEMATICS SWITCH .....	AV-446
U1A10 TCU .....	AV-439
U1A11 TCU .....	AV-440
U1A34-00 BRAKE CONTROL COMMUNICATION	DAS-209
U1A35-00 BRAKE CONTROL COMMUNICATION	DAS-211
U1A36-00 BCM/IPDM COMMUNICATION.....	DAS-213
U1A39-00 COMBINATION METER COMMUNICATION .....	DAS-215
U1A3B-00 TCM COMMUNICATION .....	DAS-217
U1A42-00 STEERING ANGLE SENSOR COMMUNICATION .....	DAS-219
U1A43-00 STEERING ANGLE SENSOR COMMUNICATION .....	DAS-221
U1A48-00 ECM/HPCM COMMUNICATION.....	DAS-223
U1A4A-00 CONTROL MODULE (CAN)...	DAS-225
U1A4B-00 CONTROL MODULE (CAN)...	DAS-226
U1A4E-00 ECM/HPCM COMMUNICATION .....	DAS-227
UNBALANCE STEERING WHEEL TURNING FORCE (TORQUE VARIATION) .....	STC-35
UNBALANCE STEERING WHEEL TURNING FORCE AND RETURN BETWEEN RIGHT AND LEFT .....	STC-34
UNDER COVER .....	EXT-36
UNEXPECTED BRAKE PEDAL REACTION .....	BRC-175
UNIT CHARACTERISTICS WRITING .....	DLN-35
UNLOCK SENSOR .....	DLK-175
UPPER LINK .....	RSU-19
USB CONNECTOR.....	AV-65, AV-197, AV-364
USB INTERFACE AND AUX IN JACK .....	AV-77, AV-219, AV-390
<b>V</b>	
VACUUM LINES.....	BR-32
VALVE TIMING CONTROL .....	EM-79
VANITY MIRROR LAMP .....	INL-57
VARIABLE BLOWER CONTROL.....	HAC-116, HAC-196
VDC OFF INDICATOR LAMP .....	BRC-171
VDC OFF SWITCH .....	BRC-163, BRC-187
VDC WARNING LAMP.....	BRC-170
VEHICLE DOES NOT ENTER AWD MODE.....	DLN-62
VEHICLE JERKS DURING .....	BRC-179
VEHICLE SECURITY ALARM DOES NOT ACTIVATE .....	SEC-116
VEHICLE SECURITY SYSTEM .....	SEC-53, SEC-149, SEC-200
VEHICLE SECURITY SYSTEM CANNOT BE SET	SEC-114

---

VENTILATION SYSTEM.....	VTL-6
VIN REGISTRATION.....	EC-141

**W**

---

WARNING BUZZER CIRCUIT .....	DAS-116
WARNING CHIME FUNCTION .....	DLK-352
WARNING CHIME SYSTEM.....	WCS-30
WARNING CHIME SYSTEM SYMPTOMS	WCS-49
WARNING SYSTEM SWITCH CIRCUIT ..	DAS-112
WARNING SYSTEMS BUZZER.....	DAS-127
WARNING SYSTEMS ON INDICATOR CIRCUIT...	
DAS-114	
WARNING SYSTEMS SWITCH.....	DAS-126
WASHER FLUID LEVEL SWITCH .....	WW-60
WASHER LEVEL SWITCH SIGNAL CIRCUIT .....	
MWI-73	
WASHER MOTOR CIRCUIT .....	WW-44
WASHER SWITCH.....	WW-46
WASHER TANK.....	WW-57
WATER HOSE.....	TM-214
WATER OUTLET AND WATER PIPING .....	CO-23
WATER PUMP .....	CO-19
WHEEL.....	WT-63
WHEEL ALIGNMENT .....	FSU-7, RSU-6
WHEEL AND TIRE .....	WT-64, WT-67
WHEEL SENSOR.....	BRC-181
WIND DEFLECTOR .....	RF-61
WINDSHIELD GLASS .....	GW-11
WIPER AND WASHER FUSE.....	WW-36
WIPER AND WASHER SWITCH .....	WW-73
WIPER AND WASHER SYSTEM SYMPTOMS .....	
WW-51	

**H**

---

hill descent control INDICATOR LAMP.....	BRC-172
--	---------