

ALPHABETICAL INDEX

Numerics

3CH CAN GATEWAY LAN-293
3CH CAN GATEWAY SYSTEM LAN-274

Numerics

4WD BRANCH LINE CIRCUIT LAN-227, LAN-458,
LAN-607, LAN-641, LAN-682, LAN-720,
LAN-759, LAN-802, LAN-862

Numerics

6CH CAN GATEWAY LAN-294
6CH CAN GATEWAY SYSTEM LAN-276

A

A-BAG BRANCH LINE CIRCUIT LAN-215, LAN-309,
LAN-342, LAN-378, LAN-415, LAN-451,
LAN-493, LAN-549, LAN-602, LAN-637,
LAN-675, LAN-714, LAN-752, LAN-794,
LAN-852, LAN-909, LAN-939, LAN-968,
LAN-999, LAN-1029, LAN-1067, LAN-1123,
LAN-1183, LAN-1239, LAN-1267, LAN-1297,
LAN-1335, LAN-1391, LAN-1451

A/C AUTO AMP. HAC-42, HAC-135

A/T CONTROL SYSTEM TM-122

A/T FLUID TM-283

A/T FLUID COOLER TM-157

A/T POSITION TM-161

A/T SHIFT LOCK SYSTEM TM-146

A/T SHIFT SELECTOR TM-286

ABBREVIATIONS GI-14

ABS ACTUATOR AND ELECTRIC UNIT
(CONTROL UNIT) BRC-66, BRC-195

ABS BRANCH LINE CIRCUIT LAN-233, LAN-318,
LAN-350, LAN-389, LAN-425, LAN-464,
LAN-505, LAN-563, LAN-613, LAN-647,
LAN-688, LAN-726, LAN-765, LAN-808,
LAN-868, LAN-916, LAN-945, LAN-977,
LAN-1007, LAN-1038, LAN-1078, LAN-1134,
LAN-1196, LAN-1245, LAN-1275, LAN-1306,
LAN-1346, LAN-1402, LAN-1464

ABS WARNING LAMP BRC-178

ACC WARNING DOES NOT OPERATE ... DLK-141

ACCELERATOR CONTROL SYSTEM ACC-4

ACCELERATOR PEDAL ACTUATOR DAS-344

ACCELERATOR PEDAL ASSEMBLY DAS-505

ACCELERATOR PEDAL RELEASED POSITION
LEARNING EC6-262

ACCS (ADVANCED CLIMATE CONTROL SYSTEM)
HAC-128

ACTION TEST CCS-126, CCS-219, DAS-436,
DAS-778

ACTIVATION OF FUEL PUMP EC4-213

ACTIVE LANE CONTROL DAS-763, DAS-794

ACTIVE NOISE CANCELLATION AV-77

ACTIVE NOISE CONTROL UNIT .. AV-125, AV-426

ACTIVE SOUND ENHANCEMENT AV-79

ADAS CONTROL UNIT BRC-214, CCS-57,
CCS-195, DAS-43, DAS-214, DAS-328

ADDITIONAL SERVICE WHEN REMOVING 12V
BATTERY NEGATIVE TERMINAL STC-199

ADDITIONAL SERVICE WHEN REMOVING
BATTERY NEGATIVE TERMINAL ADP-65,
PWC-40

ADDITIONAL SERVICE WHEN REPLACING ABS
ACTUATOR AND ELECTRIC UNIT (CONTROL
UNIT) BRC-90

ADDITIONAL SERVICE WHEN REPLACING
ACCELERATOR PEDAL ASSEMBLY DAS-427

ADDITIONAL SERVICE WHEN REPLACING ADAS
CONTROL UNIT DAS-100

ADDITIONAL SERVICE WHEN REPLACING AFS
CONTROL UNIT EXL-128

ADDITIONAL SERVICE WHEN REPLACING
AROUND VIEW MONITOR CONTROL UNIT ..
AV-530

ADDITIONAL SERVICE WHEN REPLACING AV
CONTROL UNIT AV-274

ADDITIONAL SERVICE WHEN REPLACING CAN
GATEWAY LAN-278

ADDITIONAL SERVICE WHEN REPLACING
CHASSIS CONTROL MODULE DAS-577

ADDITIONAL SERVICE WHEN REPLACING
CONTROL MODULE STC-204

ADDITIONAL SERVICE WHEN REPLACING
CONTROL UNIT ADP-66, BCS-81

ADDITIONAL SERVICE WHEN REPLACING
CONTROL UNIT (A/C AUTO AMP.) HAC-74

ADDITIONAL SERVICE WHEN REPLACING
DISPLAY CONTROL UNIT AV-273

ADDITIONAL SERVICE WHEN REPLACING ECM
EC4-208, EC6-258, SEC-94

ADDITIONAL SERVICE WHEN REPLACING FPCM
EC4-210

ADDITIONAL SERVICE WHEN REPLACING HIGH
BEAM ASSIST CONTROL MODULE . EXL-127

ADDITIONAL SERVICE WHEN REPLACING ICC
SENSOR CCS-113, DAS-426

ADDITIONAL SERVICE WHEN REPLACING LANE
CAMERA UNIT DAS-428, DAS-780

ADDITIONAL SERVICE WHEN REPLACING NAVI
CONTROL UNIT AV-275

ADDITIONAL SERVICE WHEN REPLACING OR
REMOVING DAST PARTS STC-200

ADDITIONAL SERVICE WHEN REPLACING
POWER WINDOW MAIN SWITCH PWC-41

ADDITIONAL SERVICE WHEN REPLACING
 SONAR CONTROL UNIT [AV-531](#)
 ADDITIONAL SERVICE WHEN REPLACING
 SUNROOF MOTOR ASSEMBLY [RF-32](#)
 ADDITIONAL SERVICE WHEN REPLACING TCU
[AV-733](#)
 ADJUSTMENT OF STEERING ANGLE SENSOR
 NEUTRAL POSITION [BRC-91](#)
 ADP BRANCH LINE CIRCUIT [LAN-221](#), [LAN-382](#),
[LAN-418](#), [LAN-455](#), [LAN-497](#), [LAN-554](#),
[LAN-679](#), [LAN-717](#), [LAN-756](#), [LAN-798](#),
[LAN-857](#), [LAN-971](#), [LAN-1001](#), [LAN-1032](#),
[LAN-1070](#), [LAN-1126](#), [LAN-1187](#), [LAN-1269](#),
[LAN-1300](#), [LAN-1338](#), [LAN-1394](#), [LAN-1455](#)
 AFS BRANCH LINE CIRCUIT. [LAN-214](#), [LAN-548](#),
[LAN-851](#), [LAN-1182](#), [LAN-1450](#)
 AFS CONTROL UNIT [EXL-69](#), [EXL-219](#)
 AIR BREATHER [DLN-72](#), [DLN-133](#), [DLN-181](#),
[TM-310](#)
 AIR CLEANER AND AIR DUCT [EM-24](#), [EM-165](#)
 AIR CLEANER FILTER..... [EM-18](#), [EM-156](#)
 ALTERNATOR [CHG-25](#), [CHG-55](#)
 ALUMINUM REPAIR [BRM-96](#)
 AMBIENT SENSOR [HAC-137](#)
 ANC BRANCH LINE CIRCUIT. [LAN-219](#), [LAN-311](#),
[LAN-380](#), [LAN-604](#), [LAN-677](#), [LAN-910](#),
[LAN-969](#)
 ANTENNA AMP. [AV-422](#)
 ANTENNA FEEDER..... [AV-420](#), [AV-770](#)
 ANTI-PINCH FUNCTION DOES NOT OPERATE...
[PWC-75](#)
 ANTI-PINCH INSPECTION [RF-33](#)
 APA BRANCH LINE CIRCUIT. [LAN-238](#), [LAN-510](#),
[LAN-568](#), [LAN-813](#), [LAN-873](#), [LAN-1083](#),
[LAN-1139](#), [LAN-1201](#), [LAN-1351](#), [LAN-1407](#),
[LAN-1469](#)
 APPLICATION NOTICE.. [CO-22](#), [EC6-15](#), [EM-135](#),
[EX-2](#)
 AROUND VIEW MONITOR CONTROL UNIT
[AV-476](#), [AV-615](#)
 AROUND VIEW MONITOR SYSTEM [AV-438](#),
[AV-488](#), [AV-612](#)
 ASCD INDICATOR [EC6-950](#)
 AUDIO SYSTEM [AV-65](#)
 AUTO ANTI-DAZZLING MIRROR SYSTEM [MIR-27](#),
[MIR-66](#)
 AUTO ANTI-DAZZLING OUTSIDE MIRROR DOES
 NOT OPERATE [MIR-39](#)
 AUTO DOOR LOCK OPERATION DOES NOT
 OPERATE..... [DLK-142](#)
 AUTO OPERATION DOES NOT OPERATE. [RF-42](#)
 AUTO OPERATION DOES NOT OPERATE BUT
 MANUAL OPERATE NORMALLY [PWC-73](#)
 AUTOMATIC AIR CONDITIONER SYSTEM.....
[HAC-126](#)

AUTOMATIC AIR CONDITIONING SYSTEM.....
[HAC-49](#)
 AUTOMATIC DRIVE POSITIONER CONTROL UNIT
[ADP-43](#), [ADP-152](#)
 AUTOMATIC DRIVE POSITIONER SYSTEM.....
[ADP-46](#)
 AUTOMATIC SPEED CONTROL DEVICE (ASCD)
[CCS-208](#)
 AUTOMATIC SPEED CONTROL DEVICE (ASCD)
 SYMPTOMS [CCS-221](#)
 AV BRANCH LINE CIRCUIT ... [LAN-211](#), [LAN-306](#),
[LAN-339](#), [LAN-375](#), [LAN-412](#), [LAN-448](#),
[LAN-490](#), [LAN-545](#), [LAN-599](#), [LAN-634](#),
[LAN-672](#), [LAN-711](#), [LAN-749](#), [LAN-791](#),
[LAN-848](#), [LAN-906](#), [LAN-936](#), [LAN-965](#),
[LAN-996](#), [LAN-1026](#), [LAN-1064](#), [LAN-1120](#),
[LAN-1179](#), [LAN-1236](#), [LAN-1264](#), [LAN-1294](#),
[LAN-1332](#), [LAN-1388](#), [LAN-1447](#)
 AV CONTROL UNIT [AV-110](#), [AV-405](#)
 AVM BRANCH LINE CIRCUIT [LAN-237](#), [LAN-509](#),
[LAN-567](#), [LAN-812](#), [LAN-872](#), [LAN-1082](#),
[LAN-1138](#), [LAN-1200](#), [LAN-1350](#), [LAN-1406](#),
[LAN-1468](#)
 AWD CONTROL UNIT [DLN-23](#), [DLN-67](#)
 AWD HIGH TEMP IS DISPLAYED ON
 INFORMATION DISPLAY [DLN-63](#)
 AWD SYSTEM..... [DLN-26](#)

B

B TERMINAL CIRCUIT [CHG-21](#), [CHG-50](#), [STR-17](#),
[STR-42](#)
 B0001 DRIVER AIR BAG MODULE [SRC-53](#)
 B0002 DRIVER AIR BAG MODULE [SRC-56](#)
 B0010 PASSENGER AIR BAG MODULE .. [SRC-59](#)
 B0011 PASSENGER AIR BAG MODULE... [SRC-61](#)
 B0020 SIDE AIR BAG MODULE [SRC-63](#)
 B0021 CURTAIN AIR BAG MODULE..... [SRC-65](#)
 B0028 SIDE AIR BAG MODULE [SRC-67](#)
 B0029 CURTAIN AIR BAG MODULE..... [SRC-69](#)
 B0091 B-PILLAR SATELLITE SENSOR [SRC-71](#)
 B0092 C-PILLAR SATELLITE SENSOR [SRC-73](#)
 B0093 FRONT DOOR SATELLITE SENSOR LH....
[SRC-75](#)
 B0094 CRASH ZONE SENSOR..... [SRC-77](#)
 B0096 B-PILLAR SATELLITE SENSOR [SRC-79](#)
 B0097 C-PILLAR SATELLITE SENSOR [SRC-81](#)
 B0098 FRONT DOOR SATELLITE SENSOR RH ...
[SRC-83](#)
 B00A0 OCCUPANT DETECTION SYSTEM
 CONTROL UNIT..... [SRC-85](#)
 B00D5 FRONT PASSENGER AIR BAG OFF
 INDICATOR [SRC-87](#)
 B130D TCU [AV-735](#)
 B1310 TCU [AV-737](#)
 B13D9 TCU [AV-738](#)
 B13E1 TCU..... [AV-739](#)

B1400, B1401, B1402, B1403, B1404, B1405 AIR BAG DIAGNOSIS SENSOR UNIT	SRC-89	B210C STARTER CONTROL RELAY	SEC-141
B1406, B1407, B1408, B1409, B1410 AIR BAG DIAGNOSIS SENSOR UNIT	SRC-91	B210D STARTER RELAY	SEC-143
B1411, B1412, B1413, B1414, B1415 AIR BAG DIAGNOSIS SENSOR UNIT	SRC-93	B210D, B210E FPCM POWER SUPPLY	EC4-291
B1416, B1417, B1418, B1419, B1420 AIR BAG DIAGNOSIS SENSOR UNIT	SRC-95	B210E STARTER RELAY	SEC-145
B1421 FRONTAL COLLISION DETECTION	SRC-97	B210F SHIFT POSITION/CLUTCH INTERLOCK SWITCH	SEC-147
B1422 SIDE COLLISION DETECTION	SRC-98	B2110 SHIFT POSITION/CLUTCH INTERLOCK SWITCH	SEC-149
B1425 REAR COLLISION DETECTION	SRC-99	B2112 SLIDING MOTOR	ADP-72
B1429 SEAT BELT BUCKLE SWITCH	SRC-102	B2113 RECLINING MOTOR	ADP-74
B142A IGN VOLTAGE	SRC-100	B2116 TILT MOTOR	ADP-76
B1430 SEAT BELT PRE-TENSIONER	SRC-104	B2128 UART COMMUNICATION LINE	ADP-78
B1431 SEAT BELT PRE-TENSIONER	SRC-106	B2130 EEPROM	ADP-80
B1432 LAP PRE-TENSIONER	SRC-108	B2192 ID DISCORD, IMMU-ECM	SEC-99
B1433 LAP PRE-TENSIONER	SRC-110	B2193 CHAIN OF ECM-IMMU	SEC-100
B1436 ACTIVE VENT	SRC-112	B2195 ANTI-SCANNING	SEC-102
B1500 DOOR SATELLITE SENSOR	SRC-114	B2196 DONGLE UNIT	SEC-103
B1910 SUB BATTERY RELAY	EC4-284	B2198 NATS ANTENNA AMP.	SEC-105
B1911 SUB BATTERY RELAY	EC4-287	B219B SECURITY CODE	SEC-151
B1F00 ACTIVE NOISE CONTROL UNIT ...	AV-278	B2205 VEHICLE SPEED	MWI-113
B1F01 ENGINE SPEED SIGNAL	AV-279	B2267 ENGINE SPEED	MWI-114
B1F05, B1F06, B1F07 CAN SIGNAL ERROR.....	AV-283	B2268 WATER TEMP	MWI-116
B1F0A ANC MIC1/CONTROL UNIT	AV-284	B2451 SEAT BLT MTR DR CIRC	SBC-51
B1F0B, B1F0C, B1F0D, B1F0E ANC MIC1 CIRCUIT	AV-286	B2452 SEAT BLT MTR AS CIRC	SBC-52
B1F0F ANC MIC2/CONTROL UNIT	AV-289	B2453 BR STROKE SEN CIRC	SBC-53
B1F10, B1F11, B1F12, B1F13 ANC MIC2 CIRCUIT	AV-291	B2455 CONTROL UNIT DR	SBC-56
B1F20 CAN SIGNAL ERROR	AV-294	B2457 CONTROL UNIT AS	SBC-57
B2008 PARA NOT PROG	EXL-133	B2458 LOCAL COMM	SBC-58
B2090-01 HIGH BEAM ASSIST CONTROL MODULE [AMBIENT LIGHT SENSOR]	EXL-134	B2461 VHCL SPEED SIGNAL	SBC-60
B2090-1C HIGH BEAM ASSIST CONTROL MODULE [IGNITION POWER SUPPLY VOLT]	EXL-135	B2466 DR/AS CONTROL UNIT	SBC-62
B2090-49 HIGH BEAM ASSIST CONTROL MODULE [EEPROM ERROR]	EXL-136	B2470 SYS HEAT PROTC DR	SBC-63
B2090-54 HIGH BEAM ASSIST CONTROL MODULE [CPU ERROR]	EXL-137	B2471 SYS HEAT PROTC AS	SBC-64
B2091-01 HIGH BEAM ASSIST CONTROL MODULE [IMAGE SENSOR COMM ERROR] .	EXL-138	B2503 SWIVEL ACTUATOR [RH]	EXL-143
B2091-02 HIGH BEAM ASSIST CONTROL MODULE [IMAGE SENSOR ANGLE ERROR].	EXL-139	B2504 SWIVEL ACTUATOR [LH]	EXL-145
B2091-07 HIGH BEAM ASSIST CONTROL MODULE [IMAGE SENSOR]	EXL-140	B2512 STEERING PINION ANGLE SIGNAL	EXL-147
B2091-55 HIGH BEAM ASSIST CONTROL MODULE [CONFIG NOT PERFORMED]	EXL-142	B2514 HEIGHT SENSOR UNUSUAL [RR]	EXL-148
B2098 IGNITION RELAY ON STUCK	PCS-39	B2516 SHIFT POSITION SIGNAL [R, P] ..	EXL-151
B2099 IGNITION RELAY OFF STUCK	PCS-41	B2517 VEHICLE SPEED SIGNAL	EXL-153
B210B STARTER CONTROL RELAY	SEC-140	B2519 LEVELIZER CALIBRATION	EXL-154
		B2521 ECU CIRCUIT	EXL-155
		B2555 STOP LAMP	SEC-107
		B2556 PUSH-BUTTON IGNITION SWITCH	SEC-110
		B2557 VEHICLE SPEED	SEC-112
		B2562 LOW VOLTAGE	BCS-89
		B2578, B2579 IN-VEHICLE SENSOR	HAC-84
		B257B, B257C AMBIENT SENSOR	HAC-87
		B2581, B2582 INTAKE SENSOR	HAC-90
		B259A ROOM LAMP FUSE	BCS-90
		B259B ONE TOUCH UNLOCK SENSOR ...	DLK-81
		B259C ONE TOUCH UNLOCK SENSOR ...	DLK-83
		B2600-46 CONFIG ERROR	LAN-283
		B2601 SHIFT POSITION	SEC-114
		B2602 SHIFT POSITION	SEC-116
		B2603 SHIFT POSITION	SEC-119

B2604 SHIFT POSITION.....	SEC-123	BASIC INSPECTION.....	EC6-253
B2605 SHIFT POSITION.....	SEC-126	BATTERY.....	PG-257
B2608 STARTER RELAY.....	SEC-129	BATTERY CURRENT SENSOR.....	PG-263
B260F ENGINE STATUS.....	SEC-131	BATTERY INSPECTION.....	PG-243
B2614 ACC RELAY CIRCUIT.....	PCS-82	BATTERY TERMINAL WITH FUSIBLE LINK.....	PG-261
B2615 BLOWER RELAY CIRCUIT.....	PCS-85	BCM. BCS-36, BCS-65, BCS-99, DEF-12, DLK-56,	
B2616 IGNITION RELAY CIRCUIT.....	PCS-88	INL-27, PCS-57, WCS-47	
B2618 BCM.....	PCS-91	BCM (BODY CONTROL MODULE).....	ADP-34,
B261A PUSH-BUTTON IGNITION SWITCH.....	PCS-93	PWC-20, RF-18	
B261B REMOTE ENGINE START.....	SEC-153	BCM BRANCH LINE CIRCUIT LAN-220, LAN-312,	
B2621 INSIDE ANTENNA.....	DLK-85	LAN-344, LAN-381, LAN-417, LAN-454,	
B2622 INSIDE ANTENNA.....	DLK-88	LAN-496, LAN-553, LAN-605, LAN-639,	
B2623 INSIDE ANTENNA.....	DLK-91	LAN-678, LAN-716, LAN-755, LAN-797,	
B2626 OUTSIDE ANTENNA.....	DLK-94	LAN-856, LAN-911, LAN-940, LAN-970,	
B2627 OUTSIDE ANTENNA.....	DLK-96	LAN-1000, LAN-1031, LAN-1069, LAN-1125,	
B2628 OUTSIDE ANTENNA.....	DLK-98	LAN-1186, LAN-1240, LAN-1268, LAN-1299,	
B262A, B262B, B2657, B2658 EXHAUST GAS/ OUTSIDE ODOR DETECTING SENSOR.....	HAC-93	LAN-1337, LAN-1393, LAN-1454	
B2630, B2631 SUNLOAD SENSOR.....	HAC-96	BCM, IPDM E/R.....	WW-24
B2632, B2633 AIR MIX DOOR MOTOR (DRIVER SIDE).....	HAC-99	BCM, TCM, ECM, IPDM E/R.....	EXL-65
B2634, B2635 AIR MIX DOOR MOTOR (PASSENGER SIDE).....	HAC-102	BIG OFF-CENTER OCCURS.....	STC-476
B2636, B2637, B2638, B2639, B2654, B2655 MODE DOOR MOTOR.....	HAC-105	BLIND SPOT WARNING/BLIND SPOT INTERVENTION INDICATOR.....	DAS-510
B263D, B263E, B263F INTAKE DOOR MOTOR	HAC-108	BLOWER MOTOR.....	HAC-117
B26F1 IGNITION RELAY.....	PCS-95	BLOWER UNIT.....	VTL-15
B26F2 IGNITION RELAY.....	PCS-97	BODY ALIGNMENT.....	BRM-204
B26F3 STARTER CONTROL RELAY.....	SEC-133	BODY COMPONENT PARTS.....	BRM-114
B26F4 STARTER CONTROL RELAY.....	SEC-135	BODY CONSTRUCTION.....	BRM-138
B26F6 BCM.....	PCS-99	BODY EXTERIOR PAINT COLOR.....	BRM-106,
B26F7 BCM.....	SEC-137	EXT-13	
B26F8 BCM.....	SEC-138	BODY MAINTENANCE.....	MA-53
B26FC KEY REGISTRATION.....	SEC-139	BODY SIDE TRIM.....	INT-24
B26FE HOOD SWITCH.....	SEC-154	BODY WELDING AND PRECAUTIONS ...	BRM-35
B26FF REMOTE KEYLESS ENTRY RECEIVER....	DLK-100	BOSE AMP.....	AV-115, AV-410
B2720 CORNER SENSOR [RL].....	AV-541	BOTH SIDE FRONT FOG LAMPS ARE NOT TURNED ON.....	EXL-204
B2721 CENTER SENSOR [RL].....	AV-544	BOTH SIDE HEADLAMPS (HI) ARE NOT TURNED ON.....	EXL-201
B2722 CENTER SENSOR [RR].....	AV-547	BOTH SIDE HEADLAMPS (LO) ARE NOT TURNED ON.....	EXL-202
B2723 CORNER SENSOR [RR].....	AV-550	BRAKE BOOSTER.....	BR-19, BR-46
B2724 SONAR CONTROL UNIT.....	AV-553	BRAKE CONTROL SYSTEM.....	BRC-74
B2729 CORNER SENSOR [FL].....	AV-554	BRAKE FLUID.....	BR-16
B272A CENTER SENSOR [FL].....	AV-557	BRAKE MASTER CYLINDER.....	BR-18, BR-42
B272B CENTER SENSOR [FR].....	AV-560	BRAKE PEDAL.....	BR-12, BR-24
B272C CORNER SENSOR [FR].....	AV-563	BRAKE PEDAL POSITION SWITCH.....	EC6-947
B272D FRONT BUZZER.....	AV-566	BRAKE PEDAL STROKE SENSOR.....	SBC-78
B277E HEAT SENSOR.....	SE-47	BRAKE PEDAL VIBRATION OR OPERATION SOUND OCCURS.....	BRC-188
B277F HEAT SENSOR.....	SE-49	BRAKE PIPING.....	BR-26
B27AF HEAT SENSOR.....	SE-51	BRAKE WARNING LAMP.....	BRC-179
B27B0 A/C AUTO AMP.....	HAC-111	BSW/BUZZER BRANCH LINE CIRCUIT LAN-239,	
B27CF HEAT SENSOR.....	SE-53	LAN-511, LAN-569, LAN-814, LAN-874,	
B2E33 TELEMATICS SWITCH.....	AV-740	LAN-1084, LAN-1140, LAN-1202, LAN-1352,	
BACK-UP LAMP CIRCUIT.....	EXL-180	LAN-1408, LAN-1470	
		BUZZER.....	AV-624

C

C0031 WHEEL SPEED SENSOR	EC4-292
C0034 WHEEL SPEED SENSOR	EC4-293
C0037 WHEEL SPEED SENSOR	EC4-294
C003A WHEEL SPEED SENSOR	EC4-295
C1101, C1102, C1103, C1104 WHEEL SENSOR...	BRC-98
C1105, C1106, C1107, C1108 WHEEL SENSOR...	BRC-103
C1109 POWER AND GROUND SYSTEM	BRC-110
C1111 ABS MOTOR, MOTOR RELAY SYSTEM	BRC-112
C1115 WHEEL SENSOR	BRC-115
C1116 STOP LAMP SWITCH	BRC-122
C1120, C1122, C1124, C1126 ABS IN VALVE SYSTEM	BRC-128
C1121, C1123, C1125, C1127 ABS OUT VALVE SYSTEM	BRC-130
C1130 ENGINE SIGNAL	BRC-132
C1138 STEERING SYSTEM.....	BRC-134
C1140 ACTUATOR RELAY SYSTEM	BRC-136
C1142 PRESS SENSOR	BRC-138
C1143 STEERING ANGLE SENSOR	BRC-141 , STC-35 , STC-84
C1144 INCOMPLETE STEERING ANGLE SENSOR ADJUSTMENT	BRC-145
C1145, C1146 YAW RATE/SIDE/DECEL G SENSOR	BRC-147
C1155 BRAKE FLUID LEVEL SWITCH ...	BRC-149
C1160 INCOMPLETE DECEL G SENSOR CALIBRATION	BRC-153
C1164, C1165 CV SYSTEM.....	BRC-155
C1170 VARIANT CODING	BRC-157
C1197 VACUUM SENSOR	BRC-159
C1198 VACUUM SENSOR	BRC-162
C1199 BRAKE BOOSTER	BRC-164
C119A VACUUM SENSOR.....	BRC-167
C1201 AWD CONTROL UNIT	DLN-43
C1203 ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT).....	DLN-44
C1204 AWD SOLENOID	DLN-45
C1205 AWD ACTUATOR RELAY	DLN-48
C1210 ECM.....	DLN-50
C13A0-00 CONTROL MODULE	STC-216
C13A1-00 CONTROL MODULE	STC-219
C13A2-00 CONTROL MODULE	STC-222
C13A3-00 CONTROL MODULE	STC-225
C13A4-00 CONTROL MODULE	STC-228
C13A5-00 CONTROL MODULE	STC-230
C13A6-00 CONTROL MODULE	STC-232
C13A7-00 CONTROL MODULE	STC-233
C13A8-00 BACK UP CIRCUIT	STC-234
C13A9-00 BACK UP CIRCUIT	STC-239
C13AA-00 CONTROL MODULE	STC-244
C13AB-00 CONTROL MODULE	STC-248
C13AC-00 CONTROL MODULE	STC-252

C13AD-00 CONTROL MODULE	STC-254
C13AE-00 CONTROL MODULE	STC-260
C13AF-00 CONTROL MODULE	STC-263
C13B0-00 CONTROL MODULE	STC-266
C13B1-00 CONTROL MODULE	STC-269
C13B2-00 CONTROL MODULE	STC-272
C13B3-00 CONTROL MODULE	STC-278
C13B4-00 CONTROL MODULE	STC-284
C13B5-00 CONTROL MODULE	STC-287
C13B6-00 MOTOR CIRCUIT	STC-293
C13B7-00 CONTROL MODULE	STC-301
C13B8-00 CONTROL MODULE	STC-307
C13B9-00 CONTROL MODULE	STC-310
C13BA-00 CONTROL MODULE POWER SUPPLY	STC-316
C13BB-00 CONTROL MODULE POWER SUPPLY	STC-321
C13BC-00 CONTROL MODULE IGN POWER SUP	STC-326
C13BD-00 CONTROL MODULE IGN POWER SUP	STC-330
C13BE-00 - C13C4-00 FLEXRAY COMMUNICATION	STC-332
C13C5-00 STEERING ANGLE SENSOR SIGNAL .	STC-336
C13C6-00 G SENSOR SIGNAL	STC-338
C13C7-00 VEHICLE SPEED SIGNAL	STC-340
C13C9-00 DRIVE MODE SIGNAL	STC-342
C13CA-00 ENGINE STATUS SIGNAL	STC-344
C13CC-00 T/M GEAR POSI SIGNAL	STC-346
C13CD-00 ENGINE SPEED SIGNAL	STC-348
C13CE-00 SLEEP/WAKE SIGNAL	STC-350
C13CF-00 ALC FUNCTION REQUEST SIGNAL....	STC-352
C13D0-00 ALC FUNCTION REQUEST SIGNAL	STC-354
C13D1-00 STEERING ANGLE SIGNAL ...	STC-356
C13D2-00 CONTROL MODULE	STC-358
C13D3-00 CONTROL MODULE	STC-361
C13D4-00 CONTROL MODULE	STC-364
C13D5-00 CONTROL MODULE	STC-371
C13D6-00 CONTROL MODULE	STC-374
C13D7-00 CONTROL MODULE	STC-381
C13D8-00 CONTROL MODULE	STC-384
C13D9-00 CONTROL MODULE	STC-388
C13DB-00 STEERING TORQUE SENSOR	STC-390
C13DC-00 STEERING TORQUE SENSOR	STC-393
C13DD-00 STEERING TORQUE SENSOR	STC-396
C13DE-00 TEMPERATURE SENSOR	STC-399
C13DF-00 CONTROL MODULE	STC-405
C13E0-00 ST CLUTCH COMMAND CIRCUIT	STC-406
C13E1-00 STEERING CLUTCH	STC-408
C13E2-00 FRONT WHEEL SENSOR SIGNAL.....	STC-411
C13E3-00 SPIRAL CABLE PROTECTION	STC-412

C13E4-00 ST CLUTCH RELEASE PROTECTION . STC-413	C1A21 UNIT HIGH TEMP CCS-137
C13E5-00 ST CLUTCH RELEASE PROTECTION . STC-416	C1A23 UNIT LOW TEMP CCS-138
C13E6-00 HEAT PROTECTION..... STC-419	C1A24 NP RANGE DAS-136
C13E7-00 LOW VOLTAGE PROTECTION STC-425	C1A26 ECD MODE MALFUNCTION DAS-138
C13E8-00 CURB STONE PROTECTION STC-430	C1A27 ECD POWER SUPPLY CIRCUIT . DAS-140
C13E9-00 BOOTING ANGLE PROCESSING..... STC-434	C1A33 CAN TRANSMISSION ERROR.... DAS-142
C13EA-00 BOOTING ANGLE PROCESSING STC-437	C1A34 COMMAND ERROR..... DAS-143
C13EB-00 BOOTING ANGLE PROCESSING STC-439	C1A35 ACCELERATOR PEDAL ACTUATOR..... DAS-144
C13EE-00 INCOMP CONFIG..... STC-445	C1A36 ACCELERATOR PEDAL ACTUATOR CAN COMM DAS-145
C13EF-00 CONFIG CHECK RESULT STC-449	C1A37 ACCELERATOR PEDAL ACTUATOR CAN 2 DAS-146
C13F0-00 INCOMP DAST CALIBRATION STC-453	C1A38 ACCELERATOR PEDAL ACTUATOR CAN 1 DAS-147
C13F1-00 INCOMP ST ANG SEN ADJST STC-456	C1A39 STEERING ANGLE SENSOR CCS-139 , DAS-148
C13F2-00 MISMATCHED SOFTWARE VERSION . STC-458	C1A50 ADAS CONTROL UNIT CCS-140 , DAS-443
C1601 BATTERY POWER SUPPLY STC-36 , STC-85	C1B00 CAMERA UNIT MALF DAS-149 , DAS-444 , DAS-791
C1602 NO TUNING SET STC-39	C1B01 CAM AIMING INCMP . DAS-150 , DAS-445 , DAS-792
C1604 TORQUE SENSOR..... STC-87	C1B03 ABNRML TEMP DETECT DAS-151 , DAS-446 , DAS-793
C1606 EPS MOTOR..... STC-42 , STC-88	C1B20 CONTROL MODULE DAS-447
C1607, C1608 POWER STEERING CONTROL MODULE STC-43 , STC-89	C1B50 SIDE RADAR MALFUNCTION..... DAS-449
C1609 VEHICLE SPEED SIGNAL STC-44 , STC-91	C1B51 BLIND SPOT WARNING/BLIND SPOT INTERVENTION INDICATOR SHORT CIRCUIT DAS-450
C160A HEAT PROTECTION..... STC-46	C1B52 BLIND SPOT WARNING/BLIND SPOT INTERVENTION INDICATOR OPEN CIRCUIT. DAS-452
C1704, C1705, C1706, C1707 LOW TIRE PRESSURE..... WT-44	C1B53 SIDE RADAR RIGHT MALFUNCTION..... DAS-153
C1708, C1709, C1710, C1711 TIRE PRESSURE SENSOR WT-46	C1B54 SIDE RADAR LEFT MALFUNCTION DAS-154
C1716, C1717, C1718, C1719 TIRE PRESSURE SENSOR WT-49	C1B55 RADAR BLOCKAGE DAS-454
C1729 VEHICLE SPEED SIGNAL WT-50	C1B56 SONAR CIRCUIT DAS-155
C1730, C1731, C1732, C1733 FLAT TIRE... WT-51	C1B57 AVM CIRCUIT DAS-156
C1734 CONTROL UNIT WT-53	C1B59 CCM..... DAS-157
C1735 IGNITION SIGNAL WT-55	C1B5D FEB OPE COUNT LIMIT..... DAS-152
C1761, C1762, C1763, C1764 TIRE PRESSURE SENSOR WT-56	C1B82 DISTANCE SENSOR OFF-CENTER DAS-158
C1769 CONFIGURATION SETTING..... WT-57	C1B84 DISTANCE SENSOR..... DAS-159
C1770, C1771, C1772, C1773 G SENSOR . WT-58	C1B85 DISTANCE SENSOR ABNORMAL TEMP .. DAS-160
C1A00 CONTROL UNIT..... CCS-132 , DAS-104	C1B86 DISTANCE SENSOR POWER SUPPLY CIRCUIT DAS-161
C1A01 POWER SUPPLY CIRCUIT 1, C1A02 POWER SUPPLY CIRCUIT 2 CCS-133 , DAS-105	C1B90-00 DIRECT ADAPTIVE STEERING SYSTEM..... DAS-580
C1A03 VEHICLE SPEED SENSOR..... DAS-106	C1B91-00 CAMERA SYSTEM DAS-582
C1A04 ABS/TCS/VDC SYSTEM..... DAS-108	C1B92-00 BRAKE CONTROL SYSTEM.. DAS-584
C1A05 BRAKE SW/STOP LAMP SW DAS-109	C1B93-00 ENGINE/HEV SYSTEM..... DAS-586
C1A06 OPERATION SW DAS-117	C1B94-00 TRANSMISSION SYSTEM DAS-588
C1A0A CONFIG UNFINISHED DAS-103	C1B96-00 ADAS SYSTEM DAS-590
C1A12 RADAR OFF-CENTER..... CCS-134	C1B99-00 CONTROL MODULE..... DAS-592
C1A13 STOP LAMP RELAY..... DAS-121	
C1A14 ECM..... DAS-132	
C1A15 GEAR POSITION DAS-134	
C1A16 RADAR BLOCKED CCS-135	

C1BA6-00 AV SYSTEM	DAS-593	C1BC7-11 DYNAMIC DIGITAL SUSPENSION (RR)	DAS-668
C1BA7-00 ACTIVE LANE CONTROL SYSTEM.....	DAS-595	C1BC7-12 DYNAMIC DIGITAL SUSPENSION (RR)	DAS-671
C1BA9-00 NP RANGE	DAS-597	C1BC7-19 DYNAMIC DIGITAL SUSPENSION (RR)	DAS-674
C1BAA-00 GEAR POSITION	DAS-599	C1BC7-1D DYNAMIC DIGITAL SUSPENSION (RR)	DAS-677
C1BAB-00 STOP LAMP SWITCH	DAS-601	C1BC7-39 DYNAMIC DIGITAL SUSPENSION (RR)	DAS-680
C1BAC-00 OPERATION SWITCH SYSTEM	DAS-603	C1BC7-64 DYNAMIC DIGITAL SUSPENSION (RR)	DAS-682
C1BAD-00 ACCELERATOR PEDAL SYSTEM.....	DAS-605	C1BC8-11 DYNAMIC DIGITAL SUSPENSION (RL)	DAS-685
C1BAE-00 ACCELERATOR PEDAL SYSTEM.....	DAS-607	C1BC8-12 DYNAMIC DIGITAL SUSPENSION (RL)	DAS-688
C1BAF-00 BLIND SPOT WARNING SYSTEM.....	DAS-609	C1BC8-19 DYNAMIC DIGITAL SUSPENSION (RL)	DAS-691
C1BB0-06 DRIVER ASSISTANCE BUZZER		C1BC8-1D DYNAMIC DIGITAL SUSPENSION (RL)	DAS-694
SYSTEM	DAS-611	C1BC8-39 DYNAMIC DIGITAL SUSPENSION (RL)	DAS-697
C1BB2-00 CONTROL MODULE.....	DAS-612	C1BC8-64 DYNAMIC DIGITAL SUSPENSION (RL)	DAS-699
C1BB3-00 CONTROL MODULE.....	DAS-613	C1F01 ACCELERATOR PEDAL ACTUATOR.....	DAS-163 , DAS-456
C1BB4-00 CONTROL MODULE.....	DAS-614	C1F02 ACCELERATOR PEDAL ACTUATOR.....	DAS-164 , DAS-457
C1BB5-00 IGNITION POWER SUPPLY ...	DAS-615	C1F03 ACCELERATOR PEDAL ACTUATOR.....	DAS-458
C1BB6-00 IGNITION POWER SUPPLY ...	DAS-620	C1F05 ACCELERATOR PEDAL ACTUATOR	
C1BB7-00 CONTROL MODULE.....	DAS-623	POWER SUPPLY CIRCUIT	DAS-165 , DAS-459
C1BB8-00 CONTROL MODULE.....	DAS-624	C1F06 CAN CIRCUIT2	DAS-460
C1BB9-00 CONTROL MODULE.....	DAS-625	C1F07 CAN CIRCUIT1	DAS-461
C1BBA-00 CONTROL MODULE	DAS-626	CALIBRATING CAMERA IMAGE (AROUND VIEW	
C1BBB-00 CONTROL MODULE	DAS-627	MONITOR).....	AV-535
C1BBC-00 CONTROL MODULE	DAS-628	CALIBRATION OF DECEL G SENSOR.....	BRC-94
C1BBD-00 VARIANT CODING	DAS-629	CAMERA AIMING ADJUSTMENT	DAS-430 , DAS-781
C1BBE-11 DYNAMIC DIGITAL SUSPENSION (FR)	DAS-630	CAMERA IMAGE SIGNAL CIRCUIT (WITH	
C1BBE-12 DYNAMIC DIGITAL SUSPENSION (FR)	DAS-633	AROUND VIEW MONITOR)	AV-597
C1BBE-19 DYNAMIC DIGITAL SUSPENSION (FR)	DAS-636	CAMERA IMAGE SIGNAL CIRCUIT (WITH REAR	
C1BBE-1D DYNAMIC DIGITAL SUSPENSION (FR)	DAS-639	VIEW MONITOR).....	AV-682
C1BBE-39 DYNAMIC DIGITAL SUSPENSION (FR)	DAS-642	CAMERA SWITCH SIGNAL CIRCUIT	AV-599
C1BBE-64 DYNAMIC DIGITAL SUSPENSION (FR)	DAS-644	CAMSHAFT.....	EM-70 , EM-250
C1BBF-11 DYNAMIC DIGITAL SUSPENSION (FL)	DAS-647	CAMSHAFT REFERENCE ADAPTATION	EC4-215
C1BBF-12 DYNAMIC DIGITAL SUSPENSION (FL)	DAS-650	CAMSHAFT VALVE CLEARANCE.....	EM-145
C1BBF-19 DYNAMIC DIGITAL SUSPENSION (FL)	DAS-653	CAN GATEWAY	LAN-270
C1BBF-1D DYNAMIC DIGITAL SUSPENSION (FL)	DAS-656	CAN SYSTEM (2.0L TURBO GASOLINE ENGINE	
C1BBF-39 DYNAMIC DIGITAL SUSPENSION (FL)	DAS-659	WITH AUTOMATIC DRIVE POSITIONER).....	LAN-96
C1BBF-64 DYNAMIC DIGITAL SUSPENSION (FL)	DAS-661	CAN SYSTEM (2.0L TURBO GASOLINE ENGINE	
C1BC0-00 FRONT RIGHT WHEEL SENSOR.....	DAS-664	WITHOUT AUTOMATIC DRIVE POSITIONER)	LAN-82
C1BC1-00 FRONT LEFT WHEEL SENSOR	DAS-666		

CAN SYSTEM (VR ENGINE WITH DIRECT ADAPTIVE STEERING SYSTEM AND FEB)....	CONFIGURATION	EC4-226
LAN-151	CONFIGURATION (ADAS CONTROL UNIT).....	
CAN SYSTEM (VR ENGINE WITHOUT DIRECT ADAPTIVE STEERING SYSTEM AND FEB)....	DAS-101	
LAN-117	CONFIGURATION (AFS CONTROL UNIT)EXL-130	
CAN SYSTEM (VR ENGINE WITHOUT DIRECT ADAPTIVE STEERING SYSTEM WITH FEB) ..	CONFIGURATION (AROUND VIEW MONITOR CONTROL UNIT)	AV-532
LAN-130	CONFIGURATION (BCM)	BCS-83
CATALYST	CONFIGURATION (CAN GATEWAY).....	LAN-280
EM-226	CONFIGURATION (CHASSIS CONTROL MODULE).....	DAS-578
CATALYTIC CONVERTER	CONFIGURATION (DISPLAY CONTROL UNIT).....	
EM-39	AV-276	
CCM BRANCH LINE CIRCUIT LAN-229, LAN-314,	CONFIGURATION (HIGH BEAM ASSIST CONTROL MODULE)	EXL-129
LAN-346, LAN-385, LAN-421, LAN-460,	CONFIGURATION (HVAC).....	HAC-75
LAN-501, LAN-559, LAN-609, LAN-643,	CONFIGURATION (SONAR CONTROL UNIT).....	
LAN-684, LAN-722, LAN-761, LAN-804,	AV-533	
LAN-864, LAN-912, LAN-941, LAN-973,	CONFIGURATION (STEERING ANGLE MAIN CONTROL MODULE)	STC-212
LAN-1003, LAN-1034, LAN-1074, LAN-1130,	CONFIGURATION (STEERING ANGLE SUB CONTROL MODULE)	STC-214
LAN-1192, LAN-1241, LAN-1271, LAN-1302,	CONFIGURATION (STEERING FORCE CONTROL MODULE).....	STC-210
LAN-1342, LAN-1398, LAN-1460	CONFIGURATION (TIRE PRESSURE MONITORING SYSTEM)	WT-42
CENTER CONSOLE ASSEMBLY	CONFIGURATION [ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)] ...	BRC-96
IP-23	CONSOLE BOX LAMP	INL-92
CENTER SQUAWKER	CONSULT/GST CHECKING SYSTEM.....	GI-52
AV-412	CONTROL ROD	TM-290
CHARGE AIR COOLER	CONTROL VALVE & TCM	TM-293
EM-33, EM-167	COOLANT	CO-33
CHARGE AIR MANIFOLD.....	COOLER PIPE AND HOSE.....	HA-33, HA-83
EM-28	COOLING FAN	CO-13, CO-44, EC6-951
CHARGING SYSTEM .. CHG-9, CHG-24, CHG-35,	CORROSION PROTECTION	BRM-126
CHG-54	COWL TOP.....	EXT-27
CHARGING SYSTEM PRELIMINARY INSPECTION	CRANKCASE VENTILATION SYSTEM ..	EC4-949,
CHG-20, CHG-47	EC4-963	
CHASSIS CAN COMMUNICATION CIRCUIT	CRASH ZONE SENSOR	SR-30
LAN-255, LAN-521, LAN-581, LAN-824,	CURTAIN AIR BAG MODULE	SR-28
LAN-886, LAN-1094, LAN-1152, LAN-1216,	CYLINDER BLOCK	EM-123, EM-270
LAN-1362, LAN-1420, LAN-1484	CYLINDER HEAD.....	EM-119, EM-260
CHASSIS CONTROL (WITH DIGITAL MOTION CONTROL).....	CYLINDER HEAD COVER.....	EM-65
DAS-553		
CHASSIS CONTROL (WITHOUT DIGITAL MOTION CONTROL).....		
DAS-564		
CHASSIS CONTROL MODULEDAS-363, DAS-536,		
DAS-713, DAS-747, SCS-22, SCS-54		
CHASSIS DYNAMOMETER MODE.....		
EC4-222		
CHASSIS MAINTENANCE.....		
MA-40		
CHECK ANTI-PINCH FUNCTION		
PWC-43		
CHILD SEAT ANCHOR		
SE-100		
CHIME DOES NOT SOUND ...		
CCS-156, DAS-489		
COLLISION DIAGNOSIS		
SR-11		
COMBINATION METERMWI-77, MWI-140, WCS-35		
COMBINATION METER BUZZER.....		
DLK-103		
COMBINATION SWITCH		
BCS-100		
COMBINATION SWITCH INPUT CIRCUIT BCS-95		
COMBINATION SWITCH OUTPUT CIRCUIT		
BCS-93		
COMBINATION SWITCH SYSTEM SYMPTOMS ...		
BCS-97		
COMPOSITE IMAGE SIGNAL CIRCUIT.....		
AV-373		
COMPRESSION PRESSURE.....		
EM-14, EM-150		
COMPRESSOR.....		
HA-31, HA-80		
COMPRESSOR DOES NOT OPERATE ..		
HAC-133		
CONDENSER.....		
DEF-41, HA-38, HA-88		

D

DAST 1 BRANCH LINE CIRCUIT	LAN-244,
LAN-1143, LAN-1207, LAN-1411, LAN-1475	
DAST CALIBRATION (MODE1)	STC-207
DAST CALIBRATION (MODE2)	STC-209
DAYTIME RUNNING LIGHT CIRCUIT	EXL-177

DIAGNOSIS AND REPAIR WORK FLOW [ADP-62](#),
[AV-731](#), [BRC-87](#), [CCS-111](#), [CCS-217](#), [CHG-14](#),
[CHG-40](#), [DAS-423](#), [DAS-574](#), [DAS-773](#),
[DEF-22](#), [DLK-78](#), [DLN-40](#), [DMS-26](#), [EXL-123](#),
[HAC-68](#), [INL-60](#), [MIR-32](#), [PCS-78](#), [PWC-39](#),
[RF-29](#), [SBC-43](#), [SCS-50](#), [SE-44](#), [SEC-91](#),
[SRC-46](#), [ST-17](#), [ST-68](#), [ST-113](#), [STC-32](#),
[STC-81](#), [STC-196](#), [STR-12](#), [STR-36](#), [TM-154](#),
[WT-36](#), [WW-33](#)

DIAGNOSIS AND REPAIR WORKFLOW (METER
SYSTEM) [MWI-108](#)

DIAGNOSIS SENSOR UNIT [SBC-24](#), [SR-37](#),
[SRC-23](#)

DIAGNOSIS SYSTEM (A/C AUTO AMP.).. [HAC-39](#)

DIAGNOSIS SYSTEM (ACCELERATOR PEDAL
ACTUATOR) [DAS-306](#)

DIAGNOSIS SYSTEM (ACTIVE NOISE CONTROL
UNIT) [AV-98](#)

DIAGNOSIS SYSTEM (ADAS CONTROL UNIT) ...
[CCS-34](#), [CCS-180](#), [DAS-26](#), [DAS-287](#)

DIAGNOSIS SYSTEM (AFS CONTROL UNIT)
[EXL-63](#)

DIAGNOSIS SYSTEM (AIR BAG) [SRC-16](#)

DIAGNOSIS SYSTEM (AROUND VIEW MONITOR
CONTROL UNIT) [AV-458](#)

DIAGNOSIS SYSTEM (AWD CONTROL UNIT).....
[DLN-21](#)

DIAGNOSIS SYSTEM (BCM)..... [BCS-17](#), [DEF-9](#),
[DLK-48](#), [EXL-52](#), [INL-18](#), [PCS-51](#), [PWC-14](#),
[RF-12](#), [SEC-36](#), [WCS-32](#), [WW-16](#)

DIAGNOSIS SYSTEM (CAN GATEWAY) [LAN-268](#)

DIAGNOSIS SYSTEM (CHASSIS CONTROL
MODULE) [DAS-318](#), [DAS-526](#), [DAS-732](#),
[SCS-12](#)

DIAGNOSIS SYSTEM (COMBINATION METER) ..
[MWI-68](#), [WCS-26](#)

DIAGNOSIS SYSTEM (DISPLAY CONTROL UNIT)
[AV-83](#), [AV-638](#)

DIAGNOSIS SYSTEM (DRIVER ASSISTANCE
BUZZER CONTROL MODULE) [CCS-53](#),
[DAS-310](#)

DIAGNOSIS SYSTEM (DRIVER SEAT CONTROL
UNIT) [ADP-30](#), [MIR-11](#)

DIAGNOSIS SYSTEM (ECM) [EC4-102](#), [EC6-97](#)

DIAGNOSIS SYSTEM (EMCM) [EC4-123](#)

DIAGNOSIS SYSTEM (FPCM) [EC4-121](#)

DIAGNOSIS SYSTEM (HIGH BEAM ASSIST
CONTROL MODULE) [EXL-61](#)

DIAGNOSIS SYSTEM (ICC SENSOR)..... [CCS-51](#),
[DAS-304](#)

DIAGNOSIS SYSTEM (IPDM E/R) [EXL-57](#), [PCS-12](#),
[SEC-44](#), [WW-20](#)

DIAGNOSIS SYSTEM (LANE CAMERA UNIT).....
[DAS-314](#), [DAS-729](#)

DIAGNOSIS SYSTEM (OCCUPANT DETECTION
SYSTEM) [SRC-22](#)

DIAGNOSIS SYSTEM (POWER STEERING
CONTROL MODULE) [STC-22](#), [STC-69](#)

DIAGNOSIS SYSTEM (PRE-CRASH SEAT BELT)
[SBC-17](#)

DIAGNOSIS SYSTEM (SIDE RADAR LH) [DAS-308](#)

DIAGNOSIS SYSTEM (SIDE RADAR RH) [DAS-309](#)

DIAGNOSIS SYSTEM (SONAR CONTROL UNIT)
[AV-462](#)

DIAGNOSIS SYSTEM (STEERING ANGLE MAIN
CONTROL MODULE) [STC-134](#)

DIAGNOSIS SYSTEM (STEERING ANGLE SUB
CONTROL MODULE) [STC-139](#)

DIAGNOSIS SYSTEM (STEERING FORCE
CONTROL MODULE) [STC-129](#)

DIAGNOSIS SYSTEM (TCM) [TM-86](#)

DIAGNOSIS SYSTEM (TCU) [AV-705](#)

DIAGNOSIS SYSTEM (TIRE PRESSURE
MONITORING SYSTEM) [WT-18](#)

DIAGNOSIS SYSTEM [ABS ACTUATOR AND
ELECTRIC UNIT (CONTROL UNIT)]... [BRC-61](#)

DIAGNOSTIC CAN COMMUNICATION CIRCUIT ..
[LAN-259](#), [LAN-326](#), [LAN-358](#), [LAN-397](#),
[LAN-433](#), [LAN-472](#), [LAN-525](#), [LAN-585](#),
[LAN-621](#), [LAN-655](#), [LAN-696](#), [LAN-734](#),
[LAN-773](#), [LAN-828](#), [LAN-890](#), [LAN-920](#),
[LAN-949](#), [LAN-981](#), [LAN-1011](#), [LAN-1042](#),
[LAN-1097](#), [LAN-1155](#), [LAN-1220](#), [LAN-1249](#),
[LAN-1279](#), [LAN-1310](#), [LAN-1365](#), [LAN-1423](#),
[LAN-1488](#)

DIFFERENTIAL ASSEMBLY [DLN-144](#), [DLN-184](#)

DIGITAL MOTION CONTROL [SCS-39](#)

DIRECT ADAPTIVE STEERING [STC-183](#)

DIRECT CLUTCH [TM-428](#)

DISK EJECT SIGNAL CIRCUIT [AV-375](#)

DISPLAY CONTROL UNIT [AV-99](#), [AV-404](#), [AV-465](#),
[AV-653](#), [AV-688](#)

DLC BRANCH LINE CIRCUIT [LAN-204](#), [LAN-301](#),
[LAN-334](#), [LAN-370](#), [LAN-407](#), [LAN-443](#),
[LAN-485](#), [LAN-538](#), [LAN-594](#), [LAN-629](#),
[LAN-667](#), [LAN-706](#), [LAN-744](#), [LAN-786](#),
[LAN-841](#), [LAN-899](#), [LAN-929](#), [LAN-958](#),
[LAN-989](#), [LAN-1019](#), [LAN-1057](#), [LAN-1113](#),
[LAN-1172](#), [LAN-1229](#), [LAN-1257](#), [LAN-1287](#),
[LAN-1325](#), [LAN-1381](#), [LAN-1440](#)

DOES NOT OPERATE [BRC-187](#)

DOOR & LOCK SYSTEM [DLK-57](#)

DOOR DOES NOT LOCK/UNLOCK WITH DOOR
KEY CYLINDER OPERATION [DLK-149](#)

DOOR DOES NOT LOCK/UNLOCK WITH DOOR
LOCK AND UNLOCK SWITCH [DLK-143](#)

DOOR DOES NOT LOCK/UNLOCK WITH DOOR
REQUEST SWITCH [DLK-147](#)

DOOR DOES NOT LOCK/UNLOCK WITH
INTELLIGENT KEY [DLK-150](#)

DOOR DOES NOT UNLOCK WITH ONE TOUCH
UNLOCK SENSOR [DLK-152](#)

DOOR KEY CYLINDER SWITCH [DLK-104](#), [PWC-61](#)
 DOOR KEY CYLINDER SWITCH DOES NOT
 OPERATE POWER WINDOWS [PWC-77](#)
 DOOR LOCK ACTUATOR [DLK-106](#)
 DOOR LOCK AND UNLOCK SWITCH [DLK-111](#)
 DOOR LOCK OPERATION WARNING DOES NOT
 OPERATE [DLK-154](#)
 DOOR MIRROR [MIR-50](#), [MIR-82](#)
 DOOR MIRROR DEFOGGER [DEF-29](#)
 DOOR MIRROR DEFOGGER DOES NOT
 OPERATE BUT REAR WINDOW DEFOGGER
 OPERATES [DEF-36](#)
 DOOR MIRROR DOES NOT OPERATE [MIR-38](#)
 DOOR MIRROR MOTOR [ADP-133](#)
 DOOR MIRROR REMOTE CONTROL SWITCH
[MIR-33](#)
 DOOR MIRROR REMOTE CONTROL SWITCH
 (MIRROR SWITCH/CHANGE OVER SWITCH).
[MIR-71](#)
 DOOR MIRROR SYSTEM (WITH AUTOMATIC
 DRIVE POSITIONER) [MIR-16](#)
 DOOR MIRROR SYSTEM (WITHOUT AUTOMATIC
 DRIVE POSITIONER) [MIR-62](#)
 DOOR MOTOR [HAC-114](#), [HAC-143](#)
 DOOR OUTSIDE MOLDING [EXT-50](#)
 DOOR PARTING SEAL [EXT-53](#)
 DOOR REQUEST SWITCH [DLK-113](#)
 DOOR SASH COVER [EXT-45](#)
 DOOR SASH MOLDING [EXT-41](#)
 DOOR SWITCH [DLK-115](#), [DLK-254](#)
 DRIVE BELT [EM-16](#), [EM-154](#)
 DRIVE BELT AUTO TENSIONER AND IDLER
 PULLEY [EM-27](#), [EM-164](#)
 DRIVE MODE SELECT SWITCH [DMS-34](#)
 DRIVE MODE SELECT SWITCH CIRCUIT [DMS-30](#)
 DRIVE PINION [DLN-159](#), [DLN-193](#)
 DRIVE PLATE [EM-86](#), [EM-198](#)
 DRIVER AIR BAG MODULE [SR-17](#)
 DRIVER ASSISTANCE BUZZER [DAS-512](#)
 DRIVER ASSISTANCE BUZZER CIRCUIT [DAS-484](#)
 DRIVER ASSISTANCE BUZZER CONTROL
 MODULE [CCS-73](#), [DAS-350](#), [DAS-511](#)
 DRIVER ASSISTANCE SYSTEM SYMPTOMS
[DAS-486](#)
 DRIVER ASSISTANCE SYSTEMS [DAS-56](#),
[DAS-379](#)
 DRIVER SEAT CONTROL UNIT [ADP-35](#), [ADP-151](#)
 DRIVER SEAT CONTROL UNIT, AUTOMATIC
 DRIVE POSITIONER CONTROL UNIT [MIR-15](#)
 DRIVER SEAT CONTROL UNIT, AUTOMATIC
 DRIVE POSITIONER CONTROL UNIT, A/C
 AUTO AMP. [SE-17](#)
 DRIVER SIDE DOOR MIRROR DEFOGGER
[DEF-30](#)
 DRIVER SIDE POWER WINDOW ALONE DOES
 NOT OPERATE [PWC-69](#)

DRIVETRAIN CAN COMMUNICATION [EC4-203](#)
 DRIVETRAIN CAN COMMUNICATION CIRCUIT ...
[LAN-258](#), [LAN-325](#), [LAN-357](#), [LAN-396](#),
[LAN-432](#), [LAN-471](#), [LAN-524](#), [LAN-584](#),
[LAN-620](#), [LAN-654](#), [LAN-695](#), [LAN-733](#),
[LAN-772](#), [LAN-827](#), [LAN-889](#), [LAN-1219](#),
[LAN-1487](#)
 DRIVING FORCE IS HUNTING [CCS-158](#), [CCS-227](#)
 DUCT AND GRILLE [VTL-6](#)
 DYNAMIC DIGITAL SUSPENSION [SCS-53](#)
 DYNAMIC DRIVER ASSISTANCE SWITCH
[DAS-506](#)

E

ECM BRANCH LINE CIRCUIT [LAN-205](#), [LAN-302](#),
[LAN-335](#), [LAN-371](#), [LAN-408](#), [LAN-444](#),
[LAN-486](#), [LAN-539](#), [LAN-595](#), [LAN-630](#),
[LAN-668](#), [LAN-707](#), [LAN-745](#), [LAN-787](#),
[LAN-842](#), [LAN-900](#), [LAN-930](#), [LAN-959](#),
[LAN-990](#), [LAN-1020](#), [LAN-1058](#), [LAN-1114](#),
[LAN-1173](#), [LAN-1230](#), [LAN-1258](#), [LAN-1288](#),
[LAN-1326](#), [LAN-1382](#), [LAN-1441](#)
 ECM, IPDM E/R [HAC-48](#)
 ECM, IPDM E/R, BCM [SEC-46](#)
 ECV (ELECTRICAL CONTROL VALVE) .. [HAC-122](#)
 ELECTRIC INTAKE VALVE TIMING CONTROL
 MODULE [EC6-213](#), [EC6-1008](#)
 ELECTRIC IVT CONTROL ACTUATOR POSITION
 LEARNING [EC6-267](#)
 ELECTRIC WATER PUMP [CO-60](#)
 ELECTRICAL LOAD SIGNAL [EC6-962](#)
 EMCM [EC4-162](#), [EC4-967](#)
 EMCM BRANCH LINE CIRCUIT [LAN-216](#), [LAN-310](#),
[LAN-343](#), [LAN-379](#), [LAN-416](#), [LAN-452](#),
[LAN-494](#), [LAN-550](#), [LAN-603](#), [LAN-638](#),
[LAN-676](#), [LAN-715](#), [LAN-753](#), [LAN-795](#),
[LAN-853](#)
 ENCODER [PWC-52](#)
 ENGINE ASSEMBLY [EM-101](#), [EM-204](#)
 ENGINE CONTROL SYSTEM .. [EC4-167](#), [EC6-216](#)
 ENGINE CONTROL SYSTEM SYMPTOMS
[EC6-995](#)
 ENGINE COOLANT [CO-7](#)
 ENGINE COVER [EM-22](#), [EM-163](#)
 ENGINE DOES NOT START WHEN INTELLIGENT
 KEY IS INSIDE OF VEHICLE [SEC-168](#)
 ENGINE MAINTENANCE (2.0L TURBO GASOLINE
 ENGINE) [MA-20](#)
 ENGINE MAINTENANCE (VR30DDTT) [MA-28](#)
 ENGINE OIL [LU-8](#), [LU-27](#)
 ENGINE OIL DATA RESET [EC6-269](#)
 ENGINE OIL LEVEL SWITCH [EM-81](#)
 ENGINE RESTART BYPASS RELAY [EC4-970](#)
 ENGINE STAND SETTING [EM-108](#), [EM-215](#)
 ENTRY/EXIT ASSIST FUNCTION DOES NOT
 OPERATE [ADP-147](#)

EPS SYSTEM STC-74
 EPS/DAST 3 BRANCH LINE CIRCUIT LAN-209,
 LAN-304, LAN-337, LAN-373, LAN-410,
 LAN-446, LAN-488, LAN-543, LAN-597,
 LAN-632, LAN-670, LAN-709, LAN-747,
 LAN-789, LAN-846, LAN-904, LAN-934,
 LAN-963, LAN-994, LAN-1024, LAN-1062,
 LAN-1118, LAN-1177, LAN-1234, LAN-1262,
 LAN-1292, LAN-1330, LAN-1386, LAN-1445
 EVAP CANISTER..... FL-19, FL-40
 EVAP LEAK CHECK EC6-1004
 EVAPORATIVE EMISSION SYSTEM.....EC4-964
 EXCESSIVE OPERATION FREQUENCY BRC-183
 EXHAUST GAS/OUTSIDE ODOR SENSOR.....
 HAC-141
 EXHAUST MANIFOLD AND TURBOCHARGER
 ASSEMBLY EM-42
 EXHAUST SYSTEM EX-5, EX-6, EX-11, EX-12
 EXTERIOR LIGHTING SYSTEM EXL-73
 EXTERIOR LIGHTING SYSTEM SYMPTOMS.....
 EXL-196
 EXTERNAL DATA INPUT BOX..... AV-409

F

FENDER PROTECTOR EXT-30
 FILAMENT DEF-39
 FLOOR SIDE FAIRING EXT-33
 FLOOR TRIM INT-41
 FLUID COOLER SYSTEM.....TM-315
 FORWARD EMERGENCY BRAKING BRC-227
 FREQUENTLY CANNOT DETECT THE VEHICLE
 AHEAD / DETECTION ZONE IS SHORT
 CCS-159, DAS-494
 FRONT BUMPER EXT-14
 FRONT CAMERA AV-616
 FRONT CAMERA COMMUNICATION SIGNAL
 CIRCUIT AV-602
 FRONT CARRIER, INPUT CLUTCH, REAR
 INTERNAL GEAR TM-415
 FRONT CASE AND REAR CASE.....DLN-76
 FRONT COIL SPRING AND SHOCK ABSORBER
 FSU-11, FSU-31, FSU-56
 FRONT COMBINATION LAMP BRM-203, EXL-209
 FRONT DIFFERENTIAL GEAR OIL DLN-129
 FRONT DISC BRAKE BR-8, BR-20, BR-52
 FRONT DOOR DLK-201
 FRONT DOOR FINISHER INT-13
 FRONT DOOR GLASS GW-35
 FRONT DOOR LOCK DLK-233
 FRONT DOOR SPEAKER AV-419
 FRONT DOOR SQUAWKER AV-414
 FRONT DOOR WOOFER AV-415
 FRONT DRIVE SHAFT FAX-18, FAX-27
 FRONT DRIVE SHAFT AND DRIVE CHAINDLN-91
 FRONT DRIVE SHAFT BOOT FAX-22
 FRONT FENDER DLK-196

FRONT FINAL DRIVE ASSEMBLY DLN-137
 FRONT FOG LAMP EXL-214
 FRONT FOG LAMP AIMING ADJUSTMENT
 EXL-207
 FRONT FOG LAMP CIRCUIT EXL-185
 FRONT GRILLE EXT-25
 FRONT LOWER LINK.....RSU-16
 FRONT MICROPHONE (ACTIVE NOISE
 CANCELLATION)..... AV-427
 FRONT OIL SEAL DLN-68, DLN-130, DLN-176
 FRONT PASSENGER SIDE POWER WINDOW
 DOES NOT OPERATE PWC-70
 FRONT POWER WINDOW SWITCH (PASSENGER
 SIDE)..... PWC-23
 FRONT PROPELLER SHAFT... DLN-99, DLN-100
 FRONT REGULATOR.....GW-38
 FRONT SEAT SE-69
 FRONT SEAT BELT SB-8
 FRONT SQUAWKER AV-411
 FRONT STABILIZER.....FSU-19, FSU-41, FSU-68
 FRONT SUSPENSION ASSEMBLYFSU-8, FSU-27,
 FSU-52
 FRONT SUSPENSION MEMBERFSU-20, FSU-43,
 FSU-70
 FRONT TURN SIGNAL LAMP ASSEMBLYEXL-212
 FRONT WASHER WW-56
 FRONT WHEEL HUB AND KNUCKLE FAX-7,
 FAX-8, FAX-17, FAX-19
 FRONT WIPER WW-51
 FRONT WIPER DOES NOT OPERATE WW-49
 FRONT WIPER MOTOR GROUND CIRCUIT
 WW-42
 FRONT WIPER MOTOR HI CIRCUIT WW-38
 FRONT WIPER MOTOR LO CIRCUIT WW-36
 FRONT WIPER STOP POSITION SIGNAL CIRCUIT
 WW-40
 FUEL FILLER LID LOCK ACTUATOR DLK-117
 FUEL FILLER LID LOCK ACTUATOR DOES NOT
 OPERATE DLK-155
 FUEL FILLER LID OPENER DLK-245
 FUEL INJECTOR EC6-964, EM-51, EM-182
 FUEL LEVEL SENSOR SIGNAL CIRCUITMWI-124
 FUEL LEVEL SENSOR UNIT AND FUEL PUMP
 ASSEMBLY FL-30
 FUEL LEVEL SENSOR UNIT, FUEL FILTER AND
 FUEL PUMP ASSEMBLY FL-10
 FUEL PRESSURE EC4-221
 FUEL PRESSURE CHECK.....EC6-270
 FUEL PUMP EC6-969
 FUEL PUMP CONTROL MODULE (FPCM)
 EC4-159, EC4-968, EC6-1009
 FUEL SYSTEM FL-8, FL-28
 FUEL TANK.....FL-16, FL-37
 FUSE BLOCK - JUNCTION BOX (J/B) PG-194
 FUSE INSPECTION.....PG-252
 FUSE, FUSIBLE LINK AND RELAY BOX...PG-197

FUSIBLE LINK INSPECTION..... PG-256

G

GENERAL MAINTENANCE MA-6
GLASS LID RF-51
GLOVE BOX LAMP INL-83
GPS ANTENNA AV-423
GROUND DISTRIBUTION PG-172

H

HANDLING PRECAUTION AV-81, AV-456, AV-637,
AV-704, BRC-213, CCS-31, CCS-179, DAS-281,
DAS-728, DMS-24, EC4-98, EC6-95, STC-128
HANDS-FREE PHONE SYSTEM..... AV-71
HARNESS LAYOUT PG-203
HAZARD FUNCTION DLK-119
HAZARD SWITCH..... EXL-194, EXL-218
HAZARD WARNING LAMP REMAINS ON .. WT-69
HBA BRANCH LINE CIRCUIT LAN-217, LAN-551,
LAN-854, LAN-1184, LAN-1452
HEADLAMP (HI) CIRCUIT EXL-164
HEADLAMP (LO) CIRCUIT EXL-166
HEADLAMP AIMING ADJUSTMENT EXL-205
HEADLAMP FUNCTION SEC-163
HEADLAMP LEVELIZER CIRCUIT EXL-170
HEADLAMP WARNING..... EXL-169
HEADLINING..... INT-44
HEATED SEAT DOES NOT OPERATE SE-62
HEATED SEAT RELAY SE-55
HEATED SEAT SYSTEM SE-37
HEATED STEERING WHEEL ST-14, ST-65, ST-110
HEATED STEERING WHEEL SYSTEM ST-20,
ST-71, ST-116
HEATED STEERING WHEEL SYSTEM DOES NOT
ACTIVATE ST-24, ST-75, ST-120
HEATER & COOLING UNIT ASSEMBLY..... HA-42,
HA-92
HEAVY TIGHT-CORNER BRAKING SYMPTOM
OCCURS..... DLN-61
HEIGHT SENSOR..... EXL-220
HIGH AND LOW REVERSE CLUTCH TM-425
HIGH BEAM ASSIST CONTROL MODULE EXL-66
HIGH PRESSURE FUEL PUMP EC6-972
HIGH PRESSURE FUEL PUMP AND FUEL HOSE
EM-46, EM-178
HIGH PRESSURE FUEL PUMP TOTAL STARTS
COUNTER RESET..... EC4-220
HIGH-MOUNTED STOP LAMP EXL-227
HOOD DLK-179
HOOD LOCK DLK-225
HOOD SWITCH..... SEC-159
HORN HRN-3, HRN-7
HORN FUNCTION SEC-164
HOW TO ERASE PERMANENT DTC..... EC4-232,
EC6-279, TM-162

HOW TO FOLLOW TROUBLE DIAGNOSES ..GI-6
HOW TO READ WIRING DIAGRAMS GI-9
HOW TO SELECT PISTON AND BEARING EM-131,
EM-289

HOW TO SET SRT CODE..... EC4-228, EC6-273
HOW TO USE THIS MANUAL GI-3

HOW TO USE THIS SECTION .CCS-169, LAN-28,
LAN-44, MWI-4, WCS-3

HVAC BRANCH LINE CIRCUIT LAN-212, LAN-307,
LAN-340, LAN-376, LAN-413, LAN-449,
LAN-491, LAN-546, LAN-600, LAN-635,
LAN-673, LAN-712, LAN-750, LAN-792,
LAN-849, LAN-907, LAN-937, LAN-966,
LAN-997, LAN-1027, LAN-1065, LAN-1121,
LAN-1180, LAN-1237, LAN-1265, LAN-1295,
LAN-1333, LAN-1389, LAN-1448

HYDRAULIC LINE ST-54

HYDRAULIC PUMP ELECTRIC POWER
STEERING SYSTEM STC-27

I

ICC BRANCH LINE CIRCUIT (CHASSIS CAN
COMMUNICATION CIRCUIT)..... LAN-226,
LAN-500, LAN-558, LAN-801, LAN-861,
LAN-1073, LAN-1129, LAN-1191, LAN-1341,
LAN-1397, LAN-1459

ICC BRANCH LINE CIRCUIT (VEHICLE CAN
COMMUNICATION 1 CIRCUIT)..... LAN-224,
LAN-313, LAN-345, LAN-606, LAN-640

ICC BRANCH LINE CIRCUIT (VEHICLE CAN
COMMUNICATION 2 CIRCUIT)..... LAN-225,
LAN-384, LAN-420, LAN-457, LAN-499,
LAN-557, LAN-681, LAN-719, LAN-758,
LAN-800, LAN-860, LAN-1072, LAN-1128,
LAN-1190, LAN-1340, LAN-1396, LAN-1458

ICC SENSOR CCS-70, CCS-166, DAS-341

ICC SENSOR ALIGNMENT CCS-114

ICC STEERING SWITCH CCS-168

ICC STEERING SWITCH (OTHER THAN MAIN
SWITCH) DOES NOT FUNCTION CCS-154

ICC SYSTEM CANNOT BE SET (MAIN SWITCH
TURNS ON/OFF) CCS-152

ICC SYSTEM DOES NOT CANCEL WHEN A/T
SELECTOR LEVER SETS ON.....

ID REGISTRATION CANNOT BE COMPLETED
WT-68

IDENTIFICATION INFORMATION..... GI-35

IDLE AIR VOLUME LEARNING EC6-264

IDLE SPEED..... EC4-962, EC6-1002

IGN OFF INTERLOCK DOOR UNLOCK FUNCTION
DOES NOT OPERATE DLK-158

IGNITION COIL AND SPARK PLUG EM-62

IGNITION COIL, SPARK PLUG AND ROCKER
COVER..... EM-193

IGNITION POSITION WARNING FUNCTION DOES
NOT OPERATE DLK-157

IGNITION SIGNAL EC6-976
 IGNITION TIMING EC6-1003
 ILLUMINATION INL-45
 IN-CABIN MICROFILTER VTL-18
 IN-VEHICLE SENSOR HAC-138
 INFINITI INTOUCH AV-32
 INFINITI INTOUCH (BASE AUDIO WITHOUT
 NAVIGATION) AV-129
 INFINITI INTOUCH (BOSE AUDIO WITH
 NAVIGATION) AV-217
 INFINITI INTOUCH (BOSE AUDIO WITHOUT
 NAVIGATION) AV-173
 INFORMATION DISPLAY DLK-120
 INJECTOR INJECTION QUANTITY ADJUSTMENT
 EC4-211
 INSIDE KEY ANTENNA DLK-258
 INSIDE MIRROR MIR-46, MIR-78
 INSTRUMENT PANEL ASSEMBLY IP-12
 INSUFFICIENT COOLING HAC-129
 INSUFFICIENT HEATING HAC-131
 INTAKE MANIFOLD EM-176
 INTAKE MANIFOLD COLLECTOR EM-173
 INTAKE SENSOR HAC-140
 INTEGRAL SWITCH AV-122, AV-407, HAC-134
 INTEGRATED HOMELINK TRANSMITTER
 SYSTEM DLK-75
 INTELLIGENT CRUISE CONTROL CCS-78
 INTELLIGENT CRUISE CONTROL SYSTEM
 SYMPTOMS CCS-150
 INTELLIGENT KEY BATTERY .. DLK-121, DLK-264
 INTELLIGENT KEY INTERLOCK FUNCTION DOES
 NOT OPERATE ADP-148
 INTELLIGENT KEY LOW BATTERY WARNING
 DOES NOT OPERATE DLK-156
 INTELLIGENT KEY WARNING BUZZER DLK-122,
 DLK-262
 INTERIOR LIGHTING SYSTEM SYMPTOMS INL-75
 INTERIOR ROOM LAMP CONTROL CIRCUIT
 INL-65
 INTERIOR ROOM LAMP CONTROL SYSTEM
 INL-28
 INTERIOR ROOM LAMP POWER SUPPLY
 CIRCUIT INL-63
 IONIZER HAC-124, HAC-146
 IPDM E/R MWI-89, PCS-16, PCS-27, PCS-44
 IPDM E/R (INTELLIGENT POWER DISTRIBUTION
 MODULE ENGINE ROOM) PG-201
 IPDM-E BRANCH LINE CIRCUIT LAN-203,
 LAN-300, LAN-333, LAN-369, LAN-406,
 LAN-442, LAN-484, LAN-537, LAN-593,
 LAN-628, LAN-666, LAN-705, LAN-743,
 LAN-785, LAN-840, LAN-898, LAN-928,
 LAN-957, LAN-988, LAN-1018, LAN-1056,
 LAN-1112, LAN-1171, LAN-1228, LAN-1256,
 LAN-1286, LAN-1324, LAN-1380, LAN-1439

ITS CAN COMMUNICATION CIRCUIT LAN-253,
 LAN-519, LAN-579, LAN-822, LAN-884,
 LAN-1092, LAN-1150, LAN-1214, LAN-1360,
 LAN-1418, LAN-1482
 Infiniti Drive Mode Selector EC6-1000

K

KEY CYLINDER DLK-249
 KEY ID WARNING DOES NOT OPERATED DLK-159
 KEY REMINDER FUNCTION DOES NOT
 OPERATE DLK-160
 KEYLESS POWER WINDOW DOWN DOES NOT
 OPERATE PWC-78
 KICKING PLATE LAMP INL-93

L

L TERMINAL CIRCUIT (OPEN) .. CHG-22, CHG-51
 L TERMINAL CIRCUIT (SHORT) CHG-23, CHG-52
 LANCHESTER BALANCER EM-114
 LANE BRANCH LINE CIRCUIT LAN-240, LAN-570,
 LAN-875, LAN-1203, LAN-1471
 LANE CAMERA UNIT DAS-355, DAS-507,
 DAS-742, DAS-798
 LAP PRE-TENSIONER SR-36
 LASER BRANCH LINE CIRCUIT LAN-243,
 LAN-513, LAN-573, LAN-816, LAN-878,
 LAN-1086, LAN-1142, LAN-1206, LAN-1354,
 LAN-1410, LAN-1474
 LED HEADLAMP EXL-168
 LED HEADLAMP OPERATION INSPECTION
 EXL-126
 LICENSE PLATE LAMP EXL-228
 LICENSE PLATE LAMP CIRCUIT EXL-176
 LIFTING MOTOR (FRONT) ADP-125
 LIFTING MOTOR (REAR) ADP-127
 LIFTING POINT GI-30
 LIFTING SENSOR (FRONT) ADP-107
 LIFTING SENSOR (REAR) ADP-109
 LIFTING SWITCH (FRONT) ADP-87
 LIFTING SWITCH (REAR) ADP-89
 LIGHTING & TURN SIGNAL SWITCH EXL-217
 LOCATION OF PLASTIC PARTS BRM-226
 LOW TIRE PRESSURE WARNING LAMP .. WT-61
 LOW TIRE PRESSURE WARNING LAMP BLINKS
 WT-66
 LOW TIRE PRESSURE WARNING LAMP DOES
 NOT TURN ON WT-64
 LOW TIRE PRESSURE WARNING LAMP STAYS
 ON WT-65
 LUBRICANT HA-24, HA-73
 LUMBAR SUPPORT SWITCH SE-103
 LUMBAR SUPPORT SYSTEM SE-29

M

M&A BRANCH LINE CIRCUIT LAN-213 , LAN-308 , LAN-341 , LAN-377 , LAN-414 , LAN-450 , LAN-492 , LAN-547 , LAN-601 , LAN-636 , LAN-674 , LAN-713 , LAN-751 , LAN-793 , LAN-850 , LAN-908 , LAN-938 , LAN-967 , LAN-998 , LAN-1028 , LAN-1066 , LAN-1122 , LAN-1181 , LAN-1238 , LAN-1266 , LAN-1296 , LAN-1334 , LAN-1390 , LAN-1449	MAIN LINE BETWEEN ICC AND STRG CIRCUIT.. LAN-186 , LAN-367 , LAN-404 , LAN-440 , LAN-479 , LAN-532 , LAN-664 , LAN-703 , LAN-741 , LAN-780 , LAN-835 , LAN-1047 , LAN-1315
MAGNET CLUTCH..... HAC-120	MAIN LINE BETWEEN IPDM-E AND M&A CIRCUIT LAN-177 , LAN-893 , LAN-923 , LAN-952 , LAN-984 , LAN-1014 , LAN-1045 , LAN-1100 , LAN-1158 , LAN-1223 , LAN-1252 , LAN-1282 , LAN-1313 , LAN-1368 , LAN-1426
MAIN LINE BETWEEN A-BAG AND ANC CIRCUIT LAN-192 , LAN-897 , LAN-927 , LAN-956 , LAN-1227	MAIN LINE BETWEEN M&A AND A-BAG CIRCUIT LAN-191 , LAN-896 , LAN-926 , LAN-955 , LAN-987 , LAN-1226 , LAN-1255
MAIN LINE BETWEEN ABS AND ADP CIRCUIT ... LAN-193 , LAN-1052 , LAN-1103 , LAN-1161 , LAN-1320 , LAN-1371 , LAN-1429	MAIN LINE BETWEEN M&A AND EMCM CIRCUIT LAN-179 , LAN-296 , LAN-330 , LAN-362 , LAN-401 , LAN-437 , LAN-476 , LAN-529 , LAN-589 , LAN-625 , LAN-659 , LAN-700 , LAN-738 , LAN-777 , LAN-832
MAIN LINE BETWEEN ADP AND ICC CIRCUIT LAN-185 , LAN-366 , LAN-403 , LAN-439 , LAN-478 , LAN-531 , LAN-663 , LAN-702 , LAN-740 , LAN-779 , LAN-834 , LAN-1046 , LAN-1101 , LAN-1159 , LAN-1314 , LAN-1369 , LAN-1427	MAIN LINE BETWEEN M&A AND TCU CIRCUIT... LAN-190 , LAN-1017 , LAN-1051 , LAN-1102 , LAN-1160 , LAN-1285 , LAN-1319 , LAN-1370 , LAN-1428
MAIN LINE BETWEEN AVM AND BSW/BUZZER CIRCUIT LAN-198 , LAN-482 , LAN-535 , LAN-783 , LAN-838 , LAN-1054 , LAN-1108 , LAN-1166 , LAN-1322 , LAN-1376 , LAN-1434	MAIN LINE BETWEEN RDR-L AND AVM CIRCUIT LAN-197 , LAN-481 , LAN-534 , LAN-782 , LAN-837 , LAN-1053 , LAN-1107 , LAN-1165 , LAN-1321 , LAN-1375 , LAN-1433
MAIN LINE BETWEEN DAST 1 AND ICC CIRCUIT LAN-200 , LAN-1110 , LAN-1168 , LAN-1378 , LAN-1436	MAIN LINE BETWEEN STRG AND ABS CIRCUIT.. LAN-182 , LAN-299 , LAN-332 , LAN-363 , LAN-402 , LAN-438 , LAN-477 , LAN-530 , LAN-592 , LAN-627 , LAN-660 , LAN-701 , LAN-739 , LAN-778 , LAN-833
MAIN LINE BETWEEN EMCM AND ANC CIRCUIT LAN-183 , LAN-364 , LAN-661	MAIN POWER SUPPLY AND GROUND CIRCUIT (SUB ELECTRIC OIL PUMP INVERTER)..... TM-258
MAIN LINE BETWEEN EMCM AND ICC CIRCUIT LAN-180 , LAN-297 , LAN-331 , LAN-590 , LAN-626	MAIN POWER SUPPLY AND GROUND CIRCUIT (TCM) TM-254
MAIN LINE BETWEEN EPS/DAST 3 AND IPDM-E CIRCUIT LAN-188 , LAN-894 , LAN-924 , LAN-953 , LAN-985 , LAN-1015 , LAN-1049 , LAN-1224 , LAN-1253 , LAN-1283 , LAN-1317	MAIN SHAFT DLN-86
MAIN LINE BETWEEN EPS/DAST 3 AND M&A CIRCUIT LAN-178 , LAN-295 , LAN-329 , LAN-361 , LAN-400 , LAN-436 , LAN-475 , LAN-528 , LAN-588 , LAN-624 , LAN-658 , LAN-699 , LAN-737 , LAN-776 , LAN-831	MAIN SWITCH DOES NOT TURN ON, MAIN SWITCH DOES NOT TURN OFF CCS-151 , CCS-222
MAIN LINE BETWEEN EPS/DAST 3 AND STRG CIRCUIT LAN-196 , LAN-1106 , LAN-1164 , LAN-1374 , LAN-1432	MALFUNCTION AREA CHART LAN-174
MAIN LINE BETWEEN ICC AND ANC CIRCUIT LAN-181 , LAN-298 , LAN-591	MALFUNCTION INDICATOR LAMP EC6-981
MAIN LINE BETWEEN ICC AND EPS/DAST 3 CIRCUIT LAN-194 , LAN-1104 , LAN-1162 , LAN-1372 , LAN-1430	MANUAL FUNCTION DOES NOT OPERATE..... ADP-138
MAIN LINE BETWEEN ICC AND LANE CIRCUIT .. LAN-202 , LAN-1170 , LAN-1438	MAP LAMP INL-76
	MEMORY FUNCTION DOES NOT OPERATE ADP-143
	MEMORY INDICATE DOES NOT OPERATE ADP-149
	MEMORY STORING ADP-68
	METER BUZZER CIRCUIT WCS-61
	METER CONTROL SWITCH MWI-143
	METER CONTROL SWITCH SIGNAL CIRCUIT..... MWI-122
	METER SYSTEM MWI-90
	MICROPHONE AV-425 , AV-767

MICROPHONE SIGNAL CIRCUIT [AV-377](#)
 MID SUN GEAR, REAR SUN GEAR, HIGH AND
 LOW REVERSE CLUTCH HUB [TM-420](#)
 MIRROR SENSOR [ADP-117](#)
 MIXTURE RATIO SELF-LEARNING VALUE CLEAR
[EC6-266](#)
 MULTI AV SYSTEM SYMPTOMS [AV-394](#)
 MULTI-WAY CONTROL VALVE [CO-63](#)
 MULTIFUNCTION SWITCH [AV-408](#)

N

NATS ANTENNA AMP. [SEC-176](#)
 NAVI CONTROL UNIT [AV-120](#), [AV-406](#)
 NAVIGATION SYSTEM [AV-74](#)
 NO FORCE GENERATED FOR PUTTING BACK
 THE ACCELERATOR PEDAL [DAS-493](#)
 NOISE [HA-30](#), [HA-79](#)
 NOISE, VIBRATION AND HARSHNESS (NVH)
 TROUBLESHOOTING [BR-11](#), [DLN-65](#), [DLN-98](#),
[DLN-107](#), [DLN-128](#), [DLN-174](#), [EM-152](#), [FAX-6](#),
[FAX-16](#), [FSU-7](#), [FSU-26](#), [FSU-51](#), [RAX-5](#),
[RSU-4](#), [ST-27](#), [ST-78](#), [ST-123](#), [WT-70](#)
 NONE OF THE POWER WINDOWS CAN BE
 OPERATED USING ANY SWITCH [PWC-68](#)
 NORMAL OPERATING CONDITION [ADP-150](#),
[AV-399](#), [AV-614](#), [AV-687](#), [AV-764](#), [BCS-98](#),
[BRC-190](#), [CCS-163](#), [CCS-228](#), [DAS-499](#),
[DAS-797](#), [DMS-33](#), [EC6-1001](#), [EXL-200](#),
[MWI-139](#), [WW-48](#)

O

OCCUPANT CLASSIFICATION SYSTEM
 CONTROL UNIT [SR-39](#)
 OFF POSITION WARNING DOES NOT OPERATE
[DLK-161](#)
 OIL COOLER [LU-12](#), [LU-32](#)
 OIL FILTER [LU-11](#), [LU-30](#)
 OIL PAN [EM-109](#)
 OIL PAN (LOWER) [EM-79](#), [EM-189](#)
 OIL PAN (UPPER) [EM-217](#)
 OIL PUMP [LU-14](#), [LU-39](#)
 OIL PUMP, 2346 BRAKE, FRONT BRAKE PISTON
[TM-403](#)
 OIL SEAL [EM-89](#), [EM-201](#)
 ON BOARD DIAGNOSTIC (OBD) SYSTEM [EC4-99](#),
[EC6-96](#), [TM-85](#)
 ON BOARD REFUELING VAPOR RECOVERY
 (ORVR) [EC4-955](#), [EC6-982](#)
 ON IS NOT DISPLAYED WHEN PRESSING REAR
 WINDOW DEFOGGER SWITCH BUT IT IS
 OPERATED [DEF-37](#)
 ONE TOUCH UNLOCK SENSOR [DLK-261](#)
 OPERATION [BRC-210](#), [CCS-24](#), [CCS-177](#),
[DAS-266](#), [DAS-727](#), [EC4-97](#), [EC6-94](#), [HAC-35](#),
[MWI-67](#), [WT-17](#)

OPERATION INSPECTION [HAC-71](#)
 OPTICAL SENSOR [EXL-191](#), [EXL-216](#)
 OPTION HARNESS [PG-186](#)
 OUTPUT SPEED SENSOR [TM-306](#)
 OUTSIDE HANDLE LAMP [INL-91](#)
 OUTSIDE HANDLE LAMP CIRCUIT [INL-71](#)
 OUTSIDE KEY ANTENNA [DLK-260](#), [WT-81](#)
 OVERHEATING CAUSE ANALYSIS [CO-31](#)

P

P POSITION WARNING DOES NOT OPERATE
[DLK-163](#)
 P RANGE INTERLOCK DOOR LOCK/UNLOCK
 FUNCTION DOES NOT OPERATE [DLK-162](#)
 P0001 QUANTITY CONTROL VALVE [EC4-296](#)
 P0003 QUANTITY CONTROL VALVE [EC4-298](#)
 P0004 QUANTITY CONTROL VALVE [EC4-300](#)
 P0008 CRANKSHAFT POSITION CONTROL
[EC4-302](#)
 P000E QUANTITY CONTROL VALVE [EC4-305](#)
 P0010 INTAKE CAMSHAFT ACTUATOR. [EC4-307](#)
 P0010 INTAKE VALVE TIMING CONTROL [EC6-309](#)
 P0011 INTAKE CAMSHAFT CONTROL ... [EC4-309](#)
 P0011 INTAKE VALVE TIMING CONTROL [EC6-311](#)
 P0012 INTAKE CAMSHAFT CONTROL ... [EC4-310](#)
 P0013 EXHAUST CAMSHAFT ACTUATOR [EC4-311](#)
 P0014 EXHAUST CAMSHAFT CONTROL [EC4-313](#)
 P0014, P0024 EVT CONTROL [EC6-314](#)
 P0015 EXHAUST CAMSHAFT CONTROL [EC4-314](#)
 P0016 CKP - CMP CORRELATION [EC4-315](#)
 P0017 CKP-CMP CORRELATION [EC4-316](#)
 P0020 INTAKE VALVE TIMING CONTROL [EC6-318](#)
 P0021 INTAKE VALVE TIMING CONTROL [EC6-320](#)
 P0030, P0031, P0032 A/F SENSOR HEATER
[EC4-317](#)
 P0030, P0050 A/F SENSOR 1 HEATER .. [EC6-323](#)
 P0031, P0032, P0051, P0052 A/F SENSOR 1
 HEATER [EC6-326](#)
 P0033 DIVERT AIR SWITCHOVER VALVE [EC4-319](#)
 P0034 DIVERT AIR SWITCHOVER VALVE [EC4-321](#)
 P0035 DIVERT AIR SWITCHOVER VALVE [EC4-323](#)
 P0036, P0037, P0038 O2 SENSOR HEATER
[EC4-325](#)
 P0037, P0038, P0057, P0058 HO2S2 HEATER
[EC6-329](#)
 P0039 DIVERT AIR SWITCH OVER VALVE
[EC4-327](#)
 P0046, P004B WASTEGATE CONTROL
 ACTUATOR [EC6-332](#)
 P0053 A/F SENSOR 1 HEATER [EC6-335](#)
 P0059 A/F SENSOR 1 HEATER [EC6-339](#)
 P0068 MANIFOLD PRESSURE - THROTTLE
 POSITION CORRELATION [EC4-329](#)
 P0070 AMBIENT SENSOR [EC4-332](#)
 P0071 AMBIENT SENSOR [EC4-333](#)
 P0072 AMBIENT SENSOR [EC4-334](#)

P0073 AMBIENT SENSOR	EC4-335	P0112, P0113 IAT SENSOR	EC6-395
P0074 AMBIENT SENSOR	EC4-336	P0115 ENGINE COOLANT TEMPERATURE SENSOR	EC4-374
P0078, P0084 EVT CONTROL SOLENOID VALVE EC6-343		P0116 ENGINE COOLANT TEMPERATURE SENSOR	EC4-376
P007B CHARGE AIR TEMPERATURE SENSOR UPSTREAM OF THROTTLE VALVE ..	EC4-337	P0116 ENGINE COOLANT TEMPERATURE SENSOR 1	EC6-398
P007C CHARGE AIR TEMPERATURE SENSOR UPSTREAM OF THROTTLE VALVE ..	EC4-340	P0117, P0118 ENGINE COOLANT TEMPERATURE SENSOR	EC4-380
P007D CHARGE AIR TEMPERATURE SENSOR UPSTREAM OF THROTTLE VALVE ..	EC4-342	P0117, P0118 ENGINE COOLANT TEMPERATURE SENSOR 1	EC6-401
P007E CHARGE AIR TEMPERATURE SENSOR UPSTREAM OF THROTTLE VALVE ..	EC4-344	P0119 ENGINE COOLANT TEMPERATURE SENSOR	EC4-382
P0087 FRP CONTROL SYSTEM.....	EC6-346	P011C IAT SENSOR.....	EC6-404
P0087 FUEL SYSTEM	EC4-346	P0120 SENSOR POWER SUPPLY	EC4-384
P0088 FRP CONTROL SYSTEM.....	EC6-350	P0122 THROTTLE POSITION SENSOR ..	EC4-387
P0088 FUEL PRESSURE	EC4-353	P0122, P0123, P0227, P0228 TP SENSOREC6-406	
P0089 QUANTITY CONTROL VALVE	EC4-355	P0123 THROTTLE POSITION SENSOR ..	EC4-390
P008A LOW FUEL PRESSURE CONTROL SYSTEM.....	EC4-360	P0125 ECT SENSOR	EC6-410
P008B LOW FUEL PRESSURE CONTROL SYSTEM	EC4-361	P0127 IAT SENSOR.....	EC6-413
P0090 HIGH PRESSURE FUEL PUMP	EC6-353	P0128 THERMOSTAT FUNCTION.....	EC4-393
P0096 CHARGE AIR TEMPERATURE SENSOR DOWNSTREAM OF THROTTLE VALVE	EC4-362	P0130 A/F SENSOR.....	EC4-396
P0096 IAT SENSOR 2.....	EC6-356	P0130, P0150 A/F SENSOR 1	EC6-415
P0097 CHARGE AIR TEMPERATURE SENSOR DOWNSTREAM OF THROTTLE VALVE	EC4-365	P0131, P0151 A/F SENSOR 1	EC6-419
P0097, P0098 IAT SENSOR 2	EC6-358	P0132, P0152 A/F SENSOR 1	EC6-422
P0098 CHARGE AIR TEMPERATURE SENSOR DOWNSTREAM OF THROTTLE VALVE	EC4-367	P0133 A/F SENSOR.....	EC4-398
P0099 CHARGE AIR TEMPERATURE SENSOR DOWNSTREAM OF THROTTLE VALVE	EC4-369	P0135 A/F SENSOR HEATER	EC4-400
P00B3, P00B4 ENGINE COOLANT TEMPERATURE SENSOR 2	EC6-362	P0136 O2 SENSOR	EC4-402
P00E0 CHARGE AIR COOLER COOLANT TEMPERATURE SENSOR	EC6-365	P0137 O2 SENSOR	EC4-404
P00E1 CHARGE AIR COOLER COOLANT TEMPERATURE SENSOR	EC6-368	P0137, P0157 HO2S2	EC6-425
P0101, P010B MAF SENSOR.....	EC6-371	P0138 O2 SENSOR	EC4-406
P0102, P0103, P010C, P010D MAF SENSOR.....	EC6-378	P0138, P0158 HO2S2	EC6-431
P0106 MANIFOLD ABSOLUTE PRESSURE SENSOR	EC6-385	P0139, P0159 HO2S2	EC6-439
P0106 PRESSURE SENSOR DOWNSTREAM OF THROTTLE VALVE	EC4-371	P013A O2 SENSOR.....	EC4-408
P0107 PRESSURE SENSOR DOWNSTREAM OF THROTTLE VALVE	EC4-372	P013B O2 SENSOR.....	EC4-410
P0108 PRESSURE SENSOR DOWNSTREAM OF THROTTLE VALVE	EC4-373	P013E O2 SENSOR.....	EC4-412
P010A MANIFOLD ABSOLUTE PRESSURE SENSOR	EC6-389	P013F O2 SENSOR	EC4-414
P0111 IAT SENSOR	EC6-393	P0140 O2 SENSOR	EC4-416
		P0141 HO2S2 HEATER	EC4-418
		P014C, P014D, P014E, P014F, P015A, P015B, P015C, P015D A/F SENSOR 1	EC6-446
		P0170 AIR-FUEL RATIO	EC4-420
		P0171 AIR-FUEL RATIO	EC4-421
		P0171, P0174 FUEL INJECTION SYSTEM FUNCTION	EC6-453
		P0172 AIR-FUEL RATIO	EC4-422
		P0172, P0175 FUEL INJECTION SYSTEM FUNCTION	EC6-458
		P0181 FTT SENSOR.....	EC6-462
		P0181 FUEL TEMPERATURE SENSOR ..	EC4-423
		P0182 FUEL TEMPERATURE SENSOR ..	EC4-426
		P0182, P0183 FTT SENSOR	EC6-466
		P0183 FUEL TEMPERATURE SENSOR ..	EC4-429
		P0184 FUEL TEMPERATURE SENSOR ..	EC4-432
		P0190 FUEL RAIL PRESSURE SENSOR ..	EC4-435
		P0190, P0192, P0193 FRP SENSOR	EC6-469

P0191 FRP SENSOR	EC6-473	
P0191 FUEL RAIL PRESSURE SENSOR	EC4-438	
P0192 FUEL RAIL PRESSURE SENSOR	EC4-441	
P0193 FUEL RAIL PRESSURE SENSOR	EC4-444	
P0196 EOT SENSOR	EC6-477	
P0197, P0198 EOT SENSOR.....	EC6-481	
P0201 FUEL INJECTOR (CYLINDER 1) ..	EC4-447	
P0201, P0202, P0203, P0204, P0205, P0206 FUEL INJECTOR	EC6-483	
P0202 FUEL INJECTOR (CYLINDER 2) ..	EC4-450	
P0203 FUEL INJECTOR (CYLINDER 3) ..	EC4-453	
P0204 FUEL INJECTOR (CYLINDER 4) ..	EC4-456	
P0217 ENGINE OVER TEMPERATURE ..	EC4-459	
P0219 ENGINE SPEED	EC4-460	
P0222, P0223 THROTTLE POSITION SENSOR ...	EC4-461	
P0222, P0223, P2132, P2133 TP SENSOR	EC6-484	
P0234 TC SYSTEM	EC6-488	
P0234 TURBOCHARGER BOOST PRESSURE	EC4-464	
P0235, P0239 TC BOOST SENSOR.....	EC6-490	
P0236 PRESSURE SENSOR UPSTREAM OF THROTTLE VALVE	EC4-467	
P0236, P0240 TC BOOST SENSOR.....	EC6-493	
P0237, P0238 PRESSURE SENSOR UPSTREAM OF THROTTLE VALVE	EC4-468	
P0237, P0238, P0241, P0242 TC BOOST SENSOR	EC6-496	
P023B CHARGE AIR COOLER COOLING ELECTRIC WATER PUMP 1	EC6-500	
P023C CHARGE AIR COOLER COOLING ELECTRIC WATER PUMP 1	EC6-504	
P0243 BOOST PRESSURE CONTROL VACUUM TRANSDUCER	EC4-470	
P0245 BOOST PRESSURE CONTROL VACUUM TRANSDUCER	EC4-472	
P0246 BOOST PRESSURE CONTROL VACUUM TRANSDUCER	EC4-474	
P0262 FUEL INJECTOR (CYLINDER 1) ..	EC4-476	
P0265 FUEL INJECTOR (CYLINDER 2) ..	EC4-478	
P0268 FUEL INJECTOR (CYLINDER 3) ..	EC4-480	
P0271 FUEL INJECTOR (CYLINDER 4) ..	EC4-482	
P0299 TC SYSTEM	EC4-484	
P0300, P0301, P0302, P0303, P0304 MISFIRE.....	EC4-487	
P0300, P0301, P0302, P0303, P0304, P0305, P0306 MISFIRE	EC6-508	
P0324 KNOCK CONTROL	EC4-489	
P0327 KNOCK SENSOR 1	EC4-490	
P0327, P0328, P0332, P0333 KS.....	EC6-515	
P0328 KNOCK SENSOR 1	EC4-492	
P032C KNOCK SENSOR 2	EC4-494	
P032D KNOCK SENSOR 2	EC4-496	
P0335 CRANKSHAFT POSITION SENSOR	EC4-498, EC6-518	
P0339 CRANKSHAFT POSITION SENSOR	EC4-501	A
P0340, P0345 CMP SENSOR	EC6-522	
P0341 INTAKE CAMSHAFT POSITION SENSOR .	EC4-504	B
P0342 INTAKE CAMSHAFT POSITION SENSOR .	EC4-506	
P0343 INTAKE CAMSHAFT POSITION SENSOR .	EC4-508	C
P0351 IGNITION COIL (CYLINDER 1).....	EC4-510	
P0352 IGNITION COIL (CYLINDER 2).....	EC4-512	D
P0353 IGNITION COIL (CYLINDER 3).....	EC4-514	
P0354 IGNITION COIL (CYLINDER 4).....	EC4-516	
P0363 MISFIRE	EC4-518	E
P0365 EXHAUST CAMSHAFT POSITION SENSOR	EC6-527	
P0366 EXHAUST CAMSHAFT POSITION SENSOR	EC4-520	F
P0367 EXHAUST CAMSHAFT POSITION SENSOR	EC4-522	
P0368 EXHAUST CAMSHAFT POSITION SENSOR	EC4-524	G
P0390 EXHAUST CAMSHAFT POSITION SENSOR	EC6-530	H
P0420 EFFICIENCY OF THE CATALYTIC CONVERTER.....	EC4-526	
P0420, P0430 THREE WAY CATALYST FUNCTION	EC6-533	
P0441 EVAP CONTROL SYSTEM	EC6-538	
P0442 EVAP CONTROL SYSTEM	EC4-529	J
P0443 EVAP CANISTER PURGE VOLUME CONTROL SOLENOID VALVE	EC6-544	
P0444 EVAP CANISTER PURGE VOLUME CONTROL SOLENOID VALVE	EC4-530	K
P0444, P0445 EVAP CANISTER PURGE VOLUME CONTROL SOLENOID VALVE	EC6-549	
P0446 EVAP CANISTER VENT CONTROL VALVE	EC4-533	L
P0447 EVAP CANISTER VENT CONTROL VALVE	EC4-535, EC6-553	M
P0448 EVAP CANISTER VENT CONTROL VALVE	EC6-557	
P0450 FUEL PRESSURE SENSOR.....	EC4-537	N
P0451 EVAP CONTROL SYSTEM PRESSURE SENSOR	EC6-561	
P0451 FUEL PRESSURE SENSOR.....	EC4-538	O
P0452 EVAP CONTROL SYSTEM PRESSURE SENSOR	EC6-565	
P0452 FUEL PRESSURE SENSOR.....	EC4-539	
P0453 EVAP CONTROL SYSTEM PRESSURE SENSOR	EC6-569	P
P0453 FUEL PRESSURE SENSOR.....	EC4-540	
P0455 EVAP CONTROL SYSTEM	EC4-541	
P0456 EVAP CONTROL SYSTEM	EC4-542, EC6-573	
P0457 EVAP SYSTEM LEAK.....	EC4-543	

P0458 EVAP PURGE CONTROL VALVE ..	EC4-544	P0563 POWER SUPPLY	EC4-600
P0459 EVAP PURGE CONTROL VALVE ..	EC4-547	P0571 BRAKE SWITCH	EC4-601
P0460 FUEL LEVEL SENSOR.....	EC6-579	P0575 CRUISE CONTROL	EC4-602
P0461 FUEL LEVEL SENSOR ..	EC4-550, EC6-581	P0597 COOLANT THERMOSTAT HEATER	
P0462 FUEL LEVEL SENSOR.....	EC4-551	ELEMENT.....	EC4-603
P0462, P0463 FUEL LEVEL SENSOR	EC6-583	P0598 COOLANT THERMOSTAT HEATER	
P0463 FUEL LEVEL SENSOR.....	EC4-552	ELEMENT.....	EC4-606
P0480 COOLING FAN.....	EC4-553	P0599 COOLANT THERMOSTAT HEATER	
P0483 COOLING FAN.....	EC4-555	ELEMENT.....	EC4-609
P0485 COOLING FAN.....	EC4-557	P0603 ECM	EC6-612
P0496 EVAP PURGE CONTROL VALVE ..	EC4-559	P0604 ECM	EC4-612, EC6-614
P0497 EVAP PURGE CONTROL VALVE ..	EC4-562	P0605 ECM	EC6-615
P0498 EVAP CANISTER VENT CONTROL VALVE		P0605 EMCM	EC4-613
EC4-565		P0606 ECM	EC4-615, EC6-616
P0499 EVAP CANISTER VENT CONTROL VALVE		P0607 CONTROL MODULE	EC4-616
EC4-567		P0607 ECM	EC6-618
P04DB CRANKCASE VENTILATION SYSTEM.....		P060A ECM	EC6-619
EC4-569		P060B ECM	EC4-618, EC6-621
P04F0 EVAP SYS HIGH PRESSURE PURGE LINE		P060C ECM.....	EC4-619
EC4-570		P060D ECM.....	EC4-620
P0500 VEHICLE SPEED SIGNAL	EC4-572	P0611 ECM.....	EC4-621
P0500 VSS	EC6-585	P0611 ECM PROTECTION	EC6-622
P0505 IDLE SPEED CONTROL	EC4-573	P0615 STARTER RELAY	EC4-623, TM-171
P0506 IDLE SPEED CONTROL	EC4-574	P0616 STARTER RELAY	EC4-624
P0506 ISC SYSTEM	EC6-587	P0617 STARTER RELAY	EC4-625
P0507 IDLE SPEED CONTROL	EC4-577	P061A ECM	EC4-626
P0507 ISC SYSTEM	EC6-589	P061B ECM	EC4-627
P050A COLD START IDLE SPEED CONTROL.....		P061C ECM.....	EC4-628
EC4-578		P061D ECM.....	EC4-629
P050A, P050B, P050E COLD START CONTROL ..		P0627 FUEL PUMP CONTROL	EC4-630
EC6-591		P0628 FUEL PUMP CONTROL	EC4-633
P050B IGNITION TIMING	EC4-579	P0629 FUEL PUMP CONTROL	EC4-636
P050D COLD START ROUGH IDLE.....	EC4-580	P062A FUEL PUMP CONTROL.....	EC4-639
P0511	EC4-581	P062B ECM	EC4-642, EC6-623
P0520 EOP SENSOR	EC6-594	P062C ECM.....	EC4-643
P0524 ENGINE OIL PRESSURE.....	EC6-597	P062F CONTROL MODULE	EC6-625
P052A INTAKE CAMSHAFT POSITION CONTROL		P062F ECM	EC4-644
EC4-582		P062F EEPROM.....	TM-173
P052E CRANKCASE VENTILATION SYSTEM		P0634 ECM TEMPERATURE	EC4-645
EC4-583		P0638 THROTTLE VALVE ACTUATOR CONTROL	
P053A VENT LINE HEATER ELEMENT ...	EC4-584	EC4-646	
P053B VENT LINE HEATER ELEMENT ...	EC4-587	P063E THROTTLE VALVE ACTUATOR CONTROL	
P053C VENT LINE HEATER ELEMENT ...	EC4-590	EC4-649	
P053F COLD START FUEL PRESSURE		P0641 SENSOR POWER SUPPLY	EC4-652,
PERFORMANCE	EC4-593	EC6-626	
P0544 EXHAUST GAS TEMPERATURE SENSOR		P0642 SENSOR POWER SUPPLY	EC4-653
EC6-600		P0643 SENSOR POWER SUPPLY	EC4-654,
P0545, P0546 EXHAUST GAS TEMPERATURE		EC6-628	
SENSOR	EC6-603	P064D ECM.....	EC4-658
P0547 EXHAUST GAS TEMPERATURE SENSOR		P0651 SENSOR POWER SUPPLY 2.....	EC4-659
EC6-606		P065B ALTERNATOR	EC4-660
P0548, P0549 EXHAUST GAS TEMPERATURE		P0667 CONTROL MODULE INTERNAL	
SENSOR	EC6-609	TEMPERATURE SENSOR.....	EC4-661
P054A EXHAUST CAMSHAFT POSITION		P0691 COOLING FAN.....	EC4-662
CONTROL	EC4-598	P0692 COOLING FAN.....	EC4-664
P0562 POWER SUPPLY	EC4-599	P0697 SENSOR POWER SUPPLY 3.....	EC4-666

P06AF ECM	EC4-667	P1148, P1168 CLOSED LOOP CONTROL	EC6-644	
P06DA OIL PUMP VALVE.....	EC4-668	P1188 PRESSURE SENSOR DOWNSTREAM OF		A
P06DA, P06DB ENGINE OIL PRESSURE		AIR FILTER	EC4-691	
CONTROL SOLENOID VALVE	EC6-632	P1189 PRESSURE SENSOR DOWNSTREAM OF		B
P06DB OIL PUMP VALVE.....	EC4-670	AIR FILTER	EC4-693	
P06DC OIL PUMP VALVE	EC4-672	P1190 PRESSURE SENSOR DOWNSTREAM OF		
P0702 TRANSMISSION CONTROL SYSTEM.....		AIR FILTER	EC4-695	
EC4-674		P1197 OUT OF GAS	EC6-645	C
P0705 TRANSMISSION RANGE SENSOR A		P119A, P119B FUEL RAIL PRESSURE SENSOR .		
TM-174		EC6-647		
P0710 TRANSMISSION FLUID TEMPERATURE		P119C FUEL RAIL PRESSURE SENSOR	EC6-652	D
SENSOR A	TM-176	P1212 TCS COMMUNICATION LINE	EC6-656	
P0715	EC4-675	P1217 ENGINE OVER TEMPERATURE ..	EC6-658	
P0716	EC4-676	P1220 FUEL PUMP CONTROL MODULE (FPCM)		E
P0717	EC4-677	EC6-661		
P0717 INPUT SPEED SENSOR A	TM-179	P1225, P1234 TP SENSOR.....	EC6-664	
P0718	EC4-678	P1226, P1235 TP SENSOR.....	EC6-666	
P0720 OUTPUT SPEED SENSOR.....	TM-181	P1233 ELECTRIC THROTTLE CONTROL		F
P0725 ENGINE SPEED.....	TM-183	FUNCTION.....	EC6-668	
P0729 6GR INCORRECT RATIO	TM-185	P1236 THROTTLE CONTROL MOTOR ...	EC6-671	
P0730 INCORRECT GEAR RATIO	TM-188	P1238 ELECTRIC THROTTLE CONTROL		G
P0731 1GR INCORRECT RATIO	TM-190	ACTUATOR.....	EC6-673	
P0732 2GR INCORRECT RATIO	TM-193	P1239, P2135 TP SENSOR.....	EC6-675	
P0733 3GR INCORRECT RATIO	TM-196	P1240 FPCM.....	EC4-697	H
P0734 4GR INCORRECT RATIO	TM-199	P1290 THROTTLE CONTROL MOTOR RELAY.....		
P0735 5GR INCORRECT RATIO	TM-202	EC6-679		
P0740	EC4-679	P1334 TC SYSTEM	EC6-681	
P0740 TORQUE CONVERTER.....	TM-205	P13B2 IGNITION COIL POWER SUPPLY	EC4-698	
P0743	EC4-680	P13B3 IGNITION COIL POWER SUPPLY	EC4-699	
P0744 TORQUE CONVERTER.....	TM-207	P13C5, P13C6 ENGINE KNOCKING	EC4-700	
P0745 PRESSURE CONTROL SOLENOID A		P13EA IGNITION TIMING.....	EC4-701	J
TM-209		P1423, P1424 COLD START CONTROL..	EC6-683	
P0748	EC4-681	P14A2 CHARGE AIR COOLER COOLING		
P0750 SHIFT SOLENOID A	TM-210	ELECTRIC WATER PUMP 2	EC6-685	K
P0753	EC4-682	P14A3 CHARGE AIR COOLER COOLING		
P0758	EC4-683	ELECTRIC WATER PUMP 2	EC6-689	
P0763	EC4-684	P14A4 CHARGE AIR COOLER COOLING		L
P0775 PRESSURE CONTROL SOLENOID B		ELECTRIC WATER PUMP 1	EC6-693	
TM-212		P14A5 CHARGE AIR COOLER COOLING		
P0778	EC4-685	ELECTRIC WATER PUMP 1	EC6-697	M
P0780 SHIFT	TM-214	P14A6 CHARGE AIR COOLER COOLING		
P0795 PRESSURE CONTROL SOLENOID C		ELECTRIC WATER PUMP 1	EC6-701	
TM-216		P14A7 CHARGE AIR COOLER COOLING		N
P0798	EC4-686	ELECTRIC WATER PUMP 1	EC6-705	
P0850 PNP SWITCH	EC6-635	P14A8 CHARGE AIR COOLER COOLING		
P0877 T/M FLUID PRESS SENSOR/SWITCH D...		ELECTRIC WATER PUMP 1	EC6-709	O
TM-218		P14A9 CHARGE AIR COOLER COOLING		
P0878 T/M FLUID PRESS SENSOR/SWITCH D...		ELECTRIC WATER PUMP 1	EC6-713	
TM-219		P14AA CHARGE AIR COOLER COOLING		P
P0A0F THE ENGINE DOES NOT START	EC4-687	ELECTRIC WATER PUMP 1	EC6-715	
P0A1E	EC4-688	P14AC CHARGE AIR COOLER COOLING		
P0A7C FPCM TEMPERATURE.....	EC4-689	ELECTRIC WATER PUMP 1	EC6-717	
P1140 INTAKE CAMSHAFT POSITION SENSOR .		P14AD CHARGE AIR COOLER COOLING		
EC6-638		ELECTRIC WATER PUMP 2	EC6-719	
P1145 INTAKE CAMSHAFT POSITION SENSOR .		P14AE CHARGE AIR COOLER COOLING		
EC6-641		ELECTRIC WATER PUMP 2	EC6-723	

P14AF CHARGE AIR COOLER COOLING ELECTRIC WATER PUMP 2.....	EC6-727	P1577 BRAKE PEDAL POSITION SWITCH.....	EC4-749
P14B0 CHARGE AIR COOLER COOLING ELECTRIC WATER PUMP 2.....	EC6-731	P1610 LOCK MODE.....	SEC-95
P14B1 CHARGE AIR COOLER COOLING ELECTRIC WATER PUMP 2.....	EC6-735	P1611 FPCM POWER SUPPLY	EC4-751
P14B2 CHARGE AIR COOLER COOLING ELECTRIC WATER PUMP 2.....	EC6-739	P1611 ID DISCORD, IMMU-ECM.....	SEC-97
P14B3 CHARGE AIR COOLER COOLING ELECTRIC WATER PUMP 2.....	EC6-741	P1612 CHAIN OF ECM-IMMU	SEC-98
P14B5 CHARGE AIR COOLER COOLING ELECTRIC WATER PUMP 2.....	EC6-743	P1614 ECM	EC4-752
P1522 EVAP CONTROL SYSTEM PRESSURE SENSOR	EC4-702	P1616 BACK-UP LAMP RELAY	EC4-753
P1523 EVAP CONTROL SYSTEM PRESSURE SENSOR	EC4-703	P161A INTERNAL CONTROL MODULE CALCULATION.....	TM-220
P1525 EVAP CONTROL SYSTEM PRESSURE SENSOR	EC4-704	P162A FPCM.....	EC4-755
P1540 SUB BATTERY CURRENT SENSOR.....	EC4-705	P1644 CONFIGURATION INCORRECT ..	EC4-756
P1541, P1542 SUB BATTERY CURRENT SENSOR	EC4-709	P1655 ENGINE RESTART BYPASS RELAY	EC4-757
P1543 SUB BATTERY CURRENT SENSOR.....	EC4-713	P1656 ENGINE RESTART BYPASS RELAY	EC4-760
P1544 SUB BATTERY CURRENT SENSOR.....	EC4-717	P1670 CALIBRATION ERROR.....	EC4-763
P1546, P1547 SUB BATTERY TEMPERATURE SENSOR	EC4-721	P167B CRASH SIGNAL	EC4-764
P1550 BATTERY CURRENT SENSOR ...	EC6-745	P1705 TP SENSOR.....	TM-222
P1550 MAIN BATTERY CURRENT SENSOR	EC4-724	P1721 VEHICLE SPEED SIGNAL.....	TM-224
P1551, P1552 BATTERY CURRENT SENSOR.....	EC6-748	P1730 INTERLOCK.....	TM-226
P1551, P1552 MAIN BATTERY CURRENT SENSOR	EC4-728	P1734 7GR INCORRECT RATIO	TM-228
P1553 BATTERY CURRENT SENSOR ...	EC6-752	P1804 AWD CONTROL UNIT	DLN-51
P1553 MAIN BATTERY CURRENT SENSOR	EC4-732	P1805 BRAKE SWITCH	EC4-765
P1554 BATTERY CURRENT SENSOR ...	EC6-755	P1805 STOP LAMP SWITCH.....	EC6-787
P1554 MAIN BATTERY CURRENT SENSOR	EC4-736	P1809 AWD CONTROL UNIT	DLN-52
P1556, P1557 BATTERY TEMPERATURE SENSOR	EC6-758	P1815 M-MODE SWITCH	TM-231
P1556, P1557 MAIN BATTERY TEMPERATURE SENSOR	EC4-740	P1826 TRANSFER FLUID TEMPERATURE.....	DLN-53
P1564 ASCD STEERING SWITCH.....	EC6-761	P188E ELECTRIC OIL PUMP	TM-237
P1564 ICC STEERING SWITCH	EC6-764	P1890 ELECTRIC OIL PUMP RELAY	TM-240
P1568 ICC FUNCTION	EC6-768	P1C46 THROTTLE VALVE ACTUATOR ..	EC4-769
P1572 BRAKE PEDAL POSITION SWITCH.....	EC6-770	P1CCF HIGH PRESSURE FUEL SYSTEM.....	EC4-772
P1574 ASCD VEHICLE SPEED SENSOR.....	EC6-783	P1CDE STOP/START SYSTEM.....	EC4-777
P1574 ICC VEHICLE SPEED SENSOR ...	EC6-785	P1CDF STOP/START SYSTEM	EC4-778
P1575 BRAKE SWITCH.....	EC4-743	P1CE2 STOP/START SYSTEM	EC4-779
P1576 BRAKE PEDAL POSITION SWITCH.....	EC4-746	P1CE7 CRANKCASE VENTILATION SYSTEM.....	EC4-780
		P1D01 CRANKCASE VENTILATION SYSTEM	EC4-781
		P1D02 CRANKCASE VENTILATION SYSTEM	EC4-782
		P1D03 CRANKCASE VENTILATION SYSTEM	EC4-783
		P1D04 STOP/START SYSTEM.....	EC4-784
		P1D05 STOP/START SYSTEM.....	EC4-785
		P1D06 STOP/START SYSTEM.....	EC4-787
		P1D07 STOP/START SYSTEM.....	EC4-788
		P1D68 CRANKCASE VENTILATION SYSTEM	EC4-790
		P2072 MAP/MAF-THROTTLE POSITION CORRELATION	EC4-791
		P2080 EXHAUST GAS TEMPERATURE SENSOR	EC6-790
		P2081 EXHAUST GAS TEMPERATURE SENSOR	EC6-793

P2082 EXHAUST GAS TEMPERATURE SENSOR EC6-796	P219E AIR-FUEL RATIO IMBALANCE (CYLINDER 3).....EC4-853	A
P2083 EXHAUST GAS TEMPERATURE SENSOR EC6-799	P219F AIR-FUEL RATIO IMBALANCE (CYLINDER 4).....EC4-854	B
P2088 INTAKE CAMSHAFT ACTUATOR.....EC4-794	P2227 BAROMETRIC PRESSURE SENSOR..... EC4-855	B
P2089 INTAKE CAMSHAFT ACTUATOR.....EC4-796	P2228 BAROMETRIC PRESSURE SENSOR..... EC4-856	C
P2090 EXHAUST CAMSHAFT ACTUATOR..... EC4-798	P2229 BAROMETRIC PRESSURE SENSOR..... EC4-857	C
P2091 EXHAUST CAMSHAFT ACTUATOR..... EC4-800	P2230 BAROMETRIC PRESSURE SENSOR..... EC4-858	D
P2096 AIR-FUEL RATIO.....EC4-802	P2231 A/F SENSOR.....EC4-859	E
P2096, P2097, P2098, P2099 A/F SENSOR 1..... EC6-802	P2237 A/F SENSOR.....EC4-861	E
P2097 AIR-FUEL RATIO.....EC4-803	P2243 A/F SENSOR.....EC4-863	E
P2100, P2103 THROTTLE CONTROL MOTOR RELAY.....EC6-807	P2251 A/F SENSOR.....EC4-865	F
P2101 ELECTRIC THROTTLE CONTROL FUNCTION.....EC6-809	P2263 TC BOOST CONTROL SYSTEM.....EC4-867	F
P2101 THROTTLE VALVE ACTUATOR...EC4-804	P2270 O2 SENSOR.....EC4-870	F
P2102 THROTTLE VALVE ACTUATOR...EC4-807	P2271 O2 SENSOR.....EC4-872	G
P2103 THROTTLE VALVE ACTUATOR...EC4-810	P2279 INTAKE AIR SYSTEM.....EC4-874	G
P2111 THROTTLE VALVE ACTUATOR...EC4-813	P2280 INTAKE AIR SYSTEM.....EC4-875	G
P2118 THROTTLE CONTROL MOTOR...EC6-813	P2282 INTAKE AIR LEAK.....EC4-876	H
P2119 ELECTRIC THROTTLE CONTROL ACTUATOR.....EC6-815	P2300 IGNITION COIL CONTROL (CYLINDER 1) EC4-877	H
P2122 ACCELERATOR PEDAL POSITION SENSOR 1.....EC4-816	P2301 IGNITION COIL CONTROL (CYLINDER 1) EC4-879	
P2122, P2123 APP SENSOR.....EC6-817	P2303 IGNITION COIL CONTROL (CYLINDER 2) EC4-881	
P2123 ACCELERATOR PEDAL POSITION SENSOR 1.....EC4-819	P2304 IGNITION COIL CONTROL (CYLINDER 2) EC4-883	J
P2127 ACCELERATOR PEDAL POSITION SENSOR 2.....EC4-822	P2306 IGNITION COIL CONTROL (CYLINDER 3) EC4-885	K
P2127, P2128 APP SENSOR.....EC6-820	P2307 IGNITION COIL CONTROL (CYLINDER 3) EC4-887	K
P2128 ACCELERATOR PEDAL POSITION SENSOR 2.....EC4-825	P2309 IGNITION COIL CONTROL (CYLINDER 4) EC4-889	L
P2135 THROTTLE VALVE POSITION SENSOR ... EC4-828	P230A AIR-FUEL RATIO IMBALANCE (CYLINDER 1).....EC4-891	M
P2136 THROTTLE VALVE POSITION SENSOR ... EC4-831	P230B AIR-FUEL RATIO IMBALANCE (CYLINDER 2).....EC4-892	M
P2137 THROTTLE VALVE POSITION SENSOR ... EC4-834	P230C AIR-FUEL RATIO IMBALANCE (CYLINDER 3).....EC4-893	N
P2138 ACCELERATOR PEDAL POSITION SENSOR.....EC4-837	P230D AIR-FUEL RATIO IMBALANCE (CYLINDER 4).....EC4-894	N
P2138 APP SENSOR.....EC6-823	P2310 IGNITION COIL CONTROL (CYLINDER 4) EC4-895	O
P2176 THROTTLE VALVE ACTUATOR...EC4-840	P2336, P2337, P2338, P2339 ENGINE KNOCKING EC4-897	P
P2177 AIR-FUEL RATIO.....EC4-843	P23E9 INTAKE CAMSHAFT POSITION SENSOR. EC6-830	
P2178 AIR-FUEL RATIO.....EC4-844	P23EA INTAKE CAMSHAFT POSITION SENSOR EC6-833	
P2187 AIR-FUEL RATIO.....EC4-845	P23EB INTAKE CAMSHAFT POSITION SENSOR EC6-836	
P2188 AIR-FUEL RATIO.....EC4-846	P2414 A/F SENSOR.....EC4-898	
P2195 A/F SENSOR.....EC4-847		
P2196 A/F SENSOR.....EC4-849		
P219A, P219B AIR FUEL RATIO.....EC6-825		
P219C AIR-FUEL RATIO IMBALANCE (CYLINDER 1).....EC4-851		
P219D AIR-FUEL RATIO IMBALANCE (CYLINDER 2).....EC4-852		

P2422 EVAP CANISTER VENT CONTROL VALVE EC4-900	P26A6 P26A7 MULTI-WAY CONTROL VALVE POSITION SENSOR EC6-898
P24D6 EVAP CONTROL SYSTEM PRESSURE SENSOR EC4-902	P26AB MULTI-WAY CONTROL VALVE ... EC6-901
P24D7 EVAP CONTROL SYSTEM PRESSURE SENSOR EC4-904	P2713 PRESSURE CONTROL SOLENOID D TM-244
P24D8 EVAP CONTROL SYSTEM PRESSURE SENSOR EC4-906	P2716 EC4-940
P2505 ECM POWER SUPPLY EC4-908	P2722 PRESSURE CONTROL SOLENOID E TM-246
P250B OIL LEVEL SENSOR.....EC4-909	P2725 EC4-941
P250E ENGINE OIL LEVEL SENSOR.....EC4-911	P2731 PRESSURE CONTROL SOLENOID F TM-248
P252B EC4-913	P2734 EC4-942
P2539 FUEL PRESSURE SENSOR EC4-914	P2757 EC4-943
P2540 FUEL PRESSURE SENSOR EC4-917	P2759 EC4-944
P2541 FUEL PRESSURE SENSOR EC4-920	P2766 EC4-945
P2542 FUEL PRESSURE SENSOR EC4-923	P2767 EC4-946
P2562, P2566 WASTEGATE CONTROL VALVE POSITION SENSOR EC6-840	P2768 EC4-947
P2563 WASTEGATE CONTROL VALVE POSITION SENSOR EC6-843	P2796 AUXILIARY TRANSMISSION FLUID PUMP A TM-250
P2564, P2565 WASTEGATE CONTROL VALVE POSITION SENSOR EC6-847	P2798 AUXILIARY TRANSMISSION FLUID PUMP A TM-251
P2578 TURBOCHARGER SPEED SENSOR EC6-850	P2807 PRESSURE CONTROL SOLENOID G TM-252
P257D ENGINE HOOD SWITCH EC4-926	P2810 EC4-948
P2586, P2590 WASTEGATE CONTROL VALVE POSITION SENSOR EC6-854	P34A4 ELECTRIC INTAKE VALVE TIMING CONTROL ACTUATOR..... EC6-905
P2587 WASTEGATE CONTROL VALVE POSITION SENSOR EC6-857	P34A5 ELECTRIC INTAKE VALVE TIMING CONTROL ACTUATOR..... EC6-908
P2588, P2589 WASTEGATE CONTROL VALVE POSITION SENSOR EC6-861	P34A6 ELECTRIC INTAKE VALVE TIMING CONTROL ACTUATOR.....EC6-911
P2593 TURBOCHARGER SPEED SENSOR EC6-864	P34A7 ELECTRIC INTAKE VALVE TIMING CONTROL ACTUATOR..... EC6-914
P2600 COOLANT PUMP EC4-928	P34A8 ELECTRIC INTAKE VALVE TIMING CONTROL ACTUATOR..... EC6-917
P2602 COOLANT PUMP EC4-930	P34A9 ELECTRIC INTAKE VALVE TIMING CONTROL ACTUATOR..... EC6-920
P2603 COOLANT PUMP EC4-932	P34AA ELECTRIC INTAKE VALVE TIMING CONTROL ACTUATOR..... EC6-923
P2610 ECM INTERNAL TIMER EC6-868	P34AB ELECTRIC INTAKE VALVE TIMING CONTROL ACTUATOR..... EC6-926
P2610 ENGINE OFF TIME.....EC4-934	P34AC ELECTRIC INTAKE VALVE TIMING CONTROL ACTUATOR..... EC6-929
P2614 INTAKE CAMSHAFT POSITION SENSOR . EC6-870	P34AD ELECTRIC INTAKE VALVE TIMING CONTROL ACTUATOR..... EC6-933
P2615 INTAKE CAMSHAFT POSITION SENSOR . EC6-873	P34B0 ELECTRIC INTAKE VALVE TIMING CONTROL ACTUATOR..... EC6-936
P2616 INTAKE CAMSHAFT POSITION SENSOR . EC6-876	P34B1 ELECTRIC INTAKE VALVE TIMING CONTROL ACTUATOR..... EC6-940
P2617 CRANKSHAFT POSITION SENSOR EC4-935, EC6-880	P34C4 ELECTRIC INTAKE VALVE TIMING CONTROL ACTUATOR..... EC6-943
P2618 CRANKSHAFT POSITION SENSOR EC6-883	P34C5 ELECTRIC INTAKE VALVE TIMING CONTROL ACTUATOR..... EC6-944
P2619 CRANKSHAFT POSITION SENSOR EC6-887	P34C8 ELECTRIC INTAKE VALVE TIMING CONTROL MODULE..... EC6-945
P2626 A/F SENSOR EC4-938	PADDLE SHIFTER TM-292
P26A3 MULTI-WAY CONTROL VALVE MOTOR EC6-892	PAINT BRM-105
P26A5 MULTI-WAY CONTROL VALVE POSITION SENSOR EC6-895	

PANIC ALARM FUNCTION DOES NOT OPERATE
[SEC-174](#)

PARKING BRAKE CONTROL [PB-9](#)

PARKING BRAKE SHOE [PB-8, PB-12](#)

PARKING BRAKE SWITCH [BRC-174](#)

PARKING BRAKE SWITCH SIGNAL CIRCUIT
[WCS-64](#)

PARKING BRAKE SYSTEM [PB-6](#)

PARKING COMPONENTS [TM-298](#)

PARKING LAMP CIRCUIT [EXL-172](#)

PARKING, LICENSE PLATE, SIDE MARKER AND
TAIL LAMPS ARE NOT TURNED ON [EXL-203](#)

PASSENGER AIR BAG MODULE [SR-25](#)

PASSENGER SIDE DOOR MIRROR DEFOGGER
[DEF-32](#)

PERFORMANCE TEST [HA-26, HA-75](#)

PERIODIC MAINTENANCE [MA-8](#)

PERSONAL LAMP [INL-86](#)

POSITIVE CRANKCASE VENTILATION [EC6-1006](#)

POWER DISTRIBUTION SYSTEM [PCS-58](#)

POWER GENERATION VOLTAGE VARIABLE
CONTROL SYSTEM OPERATION
INSPECTION [CHG-48](#)

POWER SEAT CONTROL SYSTEM [SE-18](#)

POWER SEAT SWITCH [SE-102](#)

POWER SEAT SWITCH GROUND CIRCUIT
[ADP-101](#)

POWER SOCKET [PWO-5, PWO-7](#)

POWER STEERING CONTROL MODULE [STC-23,](#)
[STC-58, STC-71, STC-107](#)

POWER STEERING FLUID [ST-29](#)

POWER STEERING OIL PUMP [ST-50](#)

POWER STEERING WARNING LAMP [STC-50,](#)
[STC-99, STC-470](#)

POWER STEERING WARNING LAMP DOSE NOT
TURN OFF [STC-52, STC-101, STC-480](#)

POWER STEERING WARNING LAMP DOSE NOT
TURN ON [STC-51, STC-100, STC-479](#)

POWER SUPPLY ROUTING CIRCUIT [PG-20](#)

POWER WINDOW LOCK SWITCH DOES NOT
FUNCTION [PWC-79](#)

POWER WINDOW MAIN SWITCH [ADP-97,](#)
[PWC-21, PWC-81](#)

POWER WINDOW MOTOR [PWC-48](#)

POWER WINDOW RETAINED POWER
OPERATION DOES NOT OPERATE
PROPERLY [PWC-76](#)

POWER WINDOW SERIAL LINK [PWC-63](#)

POWER WINDOW SWITCH ILLUMINATION DOES
NOT ILLUMINATE [PWC-80](#)

POWER WINDOW SYSTEM [PWC-29](#)

PRE-CRASH SEAT BELT CONTROL UNIT [SBC-25,](#)
[SBC-79](#)

PRE-CRASH SEAT BELT CONTROL UNIT
(DRIVER SIDE) [SBC-19](#)

PRE-CRASH SEAT BELT CONTROL UNIT
(PASSENGER SIDE) [SBC-22](#)

PRE-CRASH SEAT BELT DOSE NOT OPERATE..
[SBC-74](#)

PRE-INSPECTION FOR DIAGNOSIS [DAS-429,](#)
[DAS-777](#)

PRECAUTIONS [ACC-2, ADP-5, AV-11, AV-429,](#)
[AV-626, AV-692, BCS-3, BR-3, BRC-5,](#)
[BRC-199, BRM-107, CCS-5, CCS-170, CHG-3,](#)
[CHG-28, CO-3, CO-23, DAS-14, DAS-215,](#)
[DAS-513, DAS-714, DEF-3, DLK-7, DLN-6,](#)
[DLN-95, DLN-104, DLN-121, DLN-168, DMS-2,](#)
[EC4-21, EC6-16, EM-5, EM-136, EX-3, EX-9,](#)
[EXL-6, EXT-3, FAX-3, FAX-12, FL-3, FL-23,](#)
[FSU-4, FSU-23, FSU-48, GI-23, GW-2, HA-4,](#)
[HA-53, HAC-4, HRN-2, INL-3, INT-3, IP-2,](#)
[LAN-29, LAN-45, LAN-262, LU-3, LU-19, MIR-3,](#)
[MIR-58, MWI-5, PB-2, PCS-3, PCS-46, PG-4,](#)
[PWC-4, PWO-2, RAX-2, RF-3, RSU-2, SB-2,](#)
[SBC-3, SCS-2, SE-3, SEC-4, SR-3, SRC-4,](#)
[ST-5, ST-57, ST-102, STC-12, STC-59,](#)
[STC-108, STR-3, STR-26, TM-7, VTL-3, WCS-4,](#)
[WT-4, WW-3](#)

PREDICTIVE COURSE LINE CENTER POSITION
ADJUSTMENT [AV-534](#)

PROCEDURE FOR TEMPORARILY DISABLING
THE IGNITION BATTERY SAVER SYSTEM
[PCS-81](#)

PSB BRANCH LINE CIRCUIT .[LAN-223, LAN-556,](#)
[LAN-859, LAN-1189, LAN-1457](#)

PUSH-BUTTON IGNITION SWITCH [PCS-100,](#)
[PCS-107](#)

PUSH-BUTTON IGNITION SWITCH DOES NOT
OPERATE [PCS-105](#)

PUSH-BUTTON IGNITION SWITCH
ILLUMINATION CIRCUIT [INL-73](#)

PUSH-BUTTON IGNITION SWITCH POSITION
INDICATOR [PCS-103](#)

PUSH-BUTTON IGNITION SWITCH POSITION
INDICATOR DOES NOT ILLUMINATE [PCS-106](#)

R

RADIATOR [CO-10, CO-11, CO-37, CO-39](#)

RADIATOR CORE SUPPORT [DLK-185](#)

RAIN SENSOR [WW-43, WW-62](#)

RDR-L BRANCH LINE CIRCUIT [LAN-235, LAN-507,](#)
[LAN-565, LAN-810, LAN-870, LAN-1080,](#)
[LAN-1136, LAN-1198, LAN-1348, LAN-1404,](#)
[LAN-1466](#)

RDR-R BRANCH LINE CIRCUIT [LAN-236, LAN-508,](#)
[LAN-566, LAN-811, LAN-871, LAN-1081,](#)
[LAN-1137, LAN-1199, LAN-1349, LAN-1405,](#)
[LAN-1467](#)

REAR BUMPER [EXT-21](#)

REAR CAMERA [AV-618](#)

A

B

C

D

E

F

G

H

J

K

L

M

N

O

P

REAR CAMERA COMMUNICATION SIGNAL
 CIRCUIT [AV-608](#)
 REAR COIL SPRING AND SHOCK ABSORBER...
[RSU-8](#)
 REAR COMBINATION LAMP [EXL-222](#)
 REAR DIFFERENTIAL GEAR OIL [DLN-175](#)
 REAR DISC BRAKE [BR-9](#), [BR-22](#), [BR-67](#)
 REAR DOOR [DLK-209](#)
 REAR DOOR FINISHER [INT-19](#)
 REAR DOOR GLASS [GW-41](#)
 REAR DOOR LOCK [DLK-238](#)
 REAR DOOR SPEAKER [AV-416](#)
 REAR DRIVE SHAFT [RAX-7](#), [RAX-13](#)
 REAR FINAL DRIVE ASSEMBLY [DLN-182](#)
 REAR LH SIDE POWER WINDOW ALONE DOES
 NOT OPERATE [PWC-71](#)
 REAR LOWER LINK [RSU-18](#)
 REAR MICROPHONE (ACTIVE NOISE
 CANCELLATION) [AV-428](#)
 REAR OIL SEAL [DLN-69](#), [TM-303](#)
 REAR PARCEL SHELF FINISHER [INT-37](#)
 REAR POWER WINDOW SWITCH [PWC-82](#)
 REAR POWER WINDOW SWITCH LH [PWC-25](#)
 REAR POWER WINDOW SWITCH RH [PWC-27](#)
 REAR PROPELLER SHAFT [DLN-109](#), [DLN-110](#)
 REAR REFLEX REFLECTOR [EXL-229](#)
 REAR REGULATOR [GW-45](#)
 REAR RH SIDE POWER WINDOW ALONE DOES
 NOT OPERATE [PWC-72](#)
 REAR SEAT (6 : 4 SEPARATE SEAT) [SE-90](#)
 REAR SEAT (BENCH SEAT) [SE-85](#)
 REAR SEAT BELT [SB-13](#)
 REAR STABILIZER [RSU-22](#)
 REAR SUSPENSION ASSEMBLY [RSU-5](#), [RSU-26](#)
 REAR SUSPENSION MEMBER [RSU-24](#)
 REAR VIEW CAMERA [AV-689](#)
 REAR VIEW MONITOR SYSTEM [AV-631](#), [AV-664](#),
[AV-686](#)
 REAR WHEEL HUB AND HOUSING [RAX-6](#), [RAX-8](#)
 REAR WINDOW DEFOGGER [DEF-26](#)
 REAR WINDOW DEFOGGER AND DOOR
 MIRROR DEFOGGERS DO NOT OPERATE...
[DEF-34](#)
 REAR WINDOW DEFOGGER DOES NOT
 OPERATE BUT BOTH DOOR MIRROR
 DEFOGGERS OPERATE [DEF-35](#)
 REAR WINDOW DEFOGGER INDICATOR DOES
 NOT ILLUMINATE [DEF-38](#)
 REAR WINDOW DEFOGGER RELAY [DEF-24](#)
 REAR WINDOW DEFOGGER SWITCH [DEF-23](#)
 REAR WINDOW DEFOGGER SYSTEM ... [DEF-13](#)
 REAR WINDOW GLASS [GW-26](#)
 REAR WOOFER [AV-418](#)
 RECLINING MOTOR [ADP-123](#)
 RECLINING SENSOR [ADP-105](#)
 RECLINING SWITCH [ADP-85](#)

RECOMMENDED CHEMICAL PRODUCTS AND
 SEALANTS [GI-22](#)
 RECOMMENDED FLUIDS AND LUBRICANTS.....
[MA-15](#)
 REFRIGERANT [HA-20](#), [HA-69](#)
 REFRIGERANT PRESSURE SENSOR.. [EC4-950](#),
[EC6-993](#), [HAC-142](#)
 REFRIGERATION SYSTEM SYMPTOMS .. [HA-28](#),
[HA-77](#)
 REMINDER FUNCTION DOES NOT OPERATE
[DLK-164](#)
 REMOTE ENGINE START FUNCTION DOES NOT
 OPERATE [SEC-175](#)
 REMOTE KEYLESS ENTRY RECEIVER [DLK-126](#),
[DLK-263](#)
 REMOTE KEYLESS ENTRY RECEIVER (TIRE
 PRESSURE RECEIVER) [WT-76](#)
 REPAIRING HIGH STRENGTH STEEL .. [BRM-108](#)
 REPAIRING MATERIAL [BRM-112](#)
 REPAIRING PROCEDURES AND PRECAUTIONS
[BRM-54](#)
 REPLACEMENT OPERATIONS [BRM-141](#)
 RESETTING OF ADAPTATION VALUES. [EC4-217](#)
 RETAINED POWER OPERATION DOES NOT
 OPERATE PROPERLY [RF-44](#)
 REVERSE SIGNAL CIRCUIT [AV-610](#), [AV-684](#)
 RIGHT/LEFT SWITCHING SIGNAL CIRCUIT
[DAS-483](#)
 ROAD WHEEL [WT-71](#)
 ROAD WHEEL TIRE ASSEMBLY [WT-74](#)
 ROOF SIDE MOLDING [EXT-38](#)

S

S CONNECTOR CIRCUIT [STR-19](#), [STR-43](#)
 S TERMINAL CIRCUIT [CHG-53](#)
 SAFETY AND HEALTH [BRM-49](#)
 SATELLITE RADIO ANTENNA [AV-421](#)
 SATELLITE SENSOR [SR-32](#)
 SATELLITE SPEAKER [AV-417](#)
 SEAT BELT BUCKLE SWITCH (DRIVER SIDE)
[SBC-66](#)
 SEAT BELT BUCKLE SWITCH (PASSENGER
 SIDE) [SBC-68](#)
 SEAT BELT BUCKLE SWITCH SIGNAL CIRCUIT
 (DRIVER SIDE) [WCS-62](#)
 SEAT BELT PRE-TENSIONER [SR-35](#)
 SEAT BELT WARNING CHIME DOES NOT SOUND
[SBC-77](#)
 SEAT BELT WARNING LAMP CIRCUIT [SBC-70](#)
 SEAT BELT WARNING LAMP DOES NOT TURN
 OFF [SBC-75](#)
 SEAT BELT WARNING LAMP DOES NOT TURN
 ON [SBC-76](#)
 SEAT BELT WARNING SYSTEM [SBC-36](#)
 SEAT CUSHION HEATER [SE-57](#)
 SEAT MEMORY INDICATOR [ADP-136](#)

SEAT MEMORY SWITCH.....	ADP-95, ADP-153	
SEATBACK HEATER.....	SE-60	
SECURITY CONTROL SYSTEM.....	SEC-47	
SECURITY INDICATOR LAMP.....	SEC-157	
SECURITY INDICATOR LAMP DOES NOT TURN ON OR BLINK.....	SEC-169	
SELECTOR LEVER POSITION INDICATOR	TM-268, TM-289	
SENSOR INITIALIZE	EXL-132	
SENSOR POWER SUPPLY 2 CIRCUIT ...	EC6-987	
SENSOR POWER SUPPLY 3 CIRCUIT ...	EC6-990	
SENSOR ROTOR	BRC-194	
SERVICE AFTER REPLACING OR REMOVING ENGINE PARTS.....	EC4-207, EC6-257	
SERVICE DATA AND SPECIFICATIONS (SDS)	BR-83, CHG-27, CHG-58, CO-21, CO-68, DLN-94, DLN-103, DLN-119, DLN-167, DLN-200, EC4-972, EC6-1010, EM-132, EM-295, EXL-230, FAX-11, FAX-36, FL-22, FL-43, FSU-21, FSU-45, FSU-72, HA-52, HA-102, INL-94, LU-18, LU-41, MA-54, PB-16, PG-265, RAX-21, RSU-29, ST-55, ST-100, ST-152, STR-25, STR-52, TM-430, VTL-19, WT-82	
SERVICE INFORMATION FOR ELECTRICAL INCIDENT	GI-40	
SHEET METAL WORK	BRM-5	
SHIFT LOCK SYSTEM	TM-260	
SHIFT POSITION INDICATOR CIRCUIT....	TM-259	
SHIPPING MODE CANCEL OPERATION..	BCS-85	
SIDE CAMERA	AV-617	
SIDE CAMERA LH COMMUNICATION SIGNAL CIRCUIT	AV-604	
SIDE CAMERA RH COMMUNICATION SIGNAL CIRCUIT	AV-606	
SIDE OIL SEAL.....	DLN-131, DLN-180	
SIDE RADAR	DAS-508	
SIDE RADAR LH.....	DAS-346	
SIDE RADAR RH	DAS-348	
SIDE SHAFT	DLN-141	
SIDE SUPPORT SWITCH	SE-104	
SIDE SUPPORT SYSTEM.....	SE-33	
SIDE TURN SIGNAL LAMP.....	EXL-215	
SILL COVER.....	EXT-55	
SLIDING MOTOR	ADP-121	
SLIDING SENSOR.....	ADP-103	
SLIDING SWITCH.....	ADP-83	
SONAR BRANCH LINE CIRCUIT.....	LAN-242, LAN-512, LAN-572, LAN-815, LAN-877, LAN-1085, LAN-1141, LAN-1205, LAN-1353, LAN-1409, LAN-1473	
SONAR CONTROL UNIT	AV-483, AV-619	
SONAR SENSOR	AV-620	
SOUND SIGNAL CIRCUIT	AV-381	
SPARK PLUG	EM-20, EM-160	
SPIRAL CABLE.....	SR-22	
SQUEAK AND RATTLE TROUBLE DIAGNOSES..	DLK-173, EXT-7, GW-5, INT-7, IP-6, MIR-40, MIR-72, RF-45, SE-63	A
SRS AIR BAG SYSTEM.....	SRC-29	
SRS AIR BAG WARNING LAMP DOES NOT TURN OFF	SRC-116	B
SRS AIR BAG WARNING LAMP DOES NOT TURN ON.....	SRC-117	C
STALL TEST	TM-160	
STARTER MOTOR.....	STR-23, STR-45	
STARTER OPERATION COUNTER CLEAR	EC4-219	D
STARTING SYSTEM.....	STR-9, STR-22, STR-31, STR-44	
STEERING ANGLE MAIN CONTROL MODULE....	STC-157, STC-490	E
STEERING ANGLE SENSOR.....	AV-625, AV-691, BRC-197	F
STEERING ANGLE SUB CONTROL MODULE	STC-170, STC-491	
STEERING COLUMN	ST-33, ST-82, ST-135	G
STEERING FORCE CONTROL MODULE	STC-144, STC-489	
STEERING GEAR AND LINKAGE...	ST-44, ST-93, ST-143	H
STEERING SHAFT	ST-40, ST-89, ST-139	
STEERING SWITCH..	AV-424, CCS-229, MWI-142	
STEERING SWITCH (OTHER THAN MAIN SWITCH) DOES NOT FUNCTION	CCS-225	
STEERING SWITCH SIGNAL A CIRCUIT.	AV-386, MWI-118	J
STEERING SWITCH SIGNAL B CIRCUIT.	AV-388, MWI-120	
STEERING WHEEL ..	ST-18, ST-31, ST-32, ST-69, ST-80, ST-81, ST-114, ST-125, ST-134	K
STEERING WHEEL TURNING FORCE IS HEAVY OR LIGHT	STC-53, STC-102	L
STEP LAMP	INL-84	
STEP LAMP CIRCUIT.....	INL-69	
STOP/START OFF SWITCH.....	EC4-952, EC4-971	M
STOP/START SYSTEM	EC4-191	
STOP/START SYSTEM NOT ACTIVATED	EC4-960	
STRG BRANCH LINE CIRCUIT	LAN-231, LAN-316, LAN-348, LAN-387, LAN-423, LAN-462, LAN-503, LAN-561, LAN-611, LAN-645, LAN-686, LAN-724, LAN-763, LAN-806, LAN-866, LAN-914, LAN-943, LAN-975, LAN-1005, LAN-1036, LAN-1076, LAN-1132, LAN-1194, LAN-1243, LAN-1273, LAN-1304, LAN-1344, LAN-1400, LAN-1462	N
STRUCTURE AND OPERATION	DLN-14, DLN-97, DLN-106, DLN-127, DLN-173, EC4-43, EC6-46, FL-26, TM-30	
SUB BATTERY RELAY	EC4-969	
SUB ELECTRIC OIL PUMP INVERTER....	TM-120, TM-330	P

SUB RADIATOR CO-49
 SUNLOAD SENSOR HAC-139
 SUNROOF DOES NOT OPERATE ANTI-PINCH
 FUNCTION RF-43
 SUNROOF DOES NOT OPERATE PROPERLY.....
 RF-40
 SUNROOF DOES NOT OPERATE PROPERLY
 (INTELLIGENT KEY CONTROL) RF-41
 SUNROOF MOTOR ASSEMBLY RF-21, RF-54
 SUNROOF SERIAL LINK RF-37
 SUNROOF SWITCH RF-38, RF-63
 SUNROOF SYSTEM RF-19
 SUNROOF UNIT ASSEMBLY RF-56
 SUNSHADE RF-60
 SUSPENSION ARM RSU-13
 SWITCH DOES NOT TURN ON / SWITCH DOES
 NOT TURN OFF DAS-491
 SYSTEM (INTELLIGENT KEY SYSTEM) ... DLK-19
 SYSTEM CANNOT BE SET (MAIN SWITCH
 TURNS ON/OFF) CCS-223
 SYSTEM DOES NOT CANCEL WHEN A/T
 SELECTOR LEVER SETS ON
 SYSTEM INITIALIZATION ADP-67, PWC-42
 SYSTEM IS NOT DISPLAYED ON CONSULT
 STC-481
 SYSTEM SETTING ADP-69, HAC-77
 SYSTEM SETTINGS CANNOT BE TURNED ON/
 OFF ON THE INTEGRAL SWITCH... BRC-228,
 DAS-488
 SYSTEM SYMPTOM STC-471, TM-272

T

TAIL LAMP CIRCUIT EXL-174
 TAKE AWAY WARNING DOES NOT OPERATE
 DLK-168
 TCM TM-95
 TCM BRANCH LINE CIRCUIT LAN-207, LAN-541,
 LAN-844, LAN-902, LAN-932, LAN-961,
 LAN-992, LAN-1022, LAN-1060, LAN-1116,
 LAN-1175, LAN-1232, LAN-1260, LAN-1290,
 LAN-1328, LAN-1384, LAN-1443
 TCU AV-707, AV-766
 TCU BRANCH LINE CIRCUIT LAN-218, LAN-453,
 LAN-495, LAN-552, LAN-754, LAN-796,
 LAN-855, LAN-1030, LAN-1068, LAN-1124,
 LAN-1185, LAN-1298, LAN-1336, LAN-1392,
 LAN-1453
 TEACH IN OF CAMSHAFT POSITION EC4-216
 TEACH IN OF THROTTLE VALVE STOP EC4-214
 TEACH IN PROCESS SENSOR ROTOR
 ADAPTATION EC4-212
 TELEMATICS ANTENNA AV-769
 TELEMATICS SWITCH AV-768
 TELEMATICS SYSTEM AV-712, AV-762
 TELESCOPIC MOTOR ADP-131
 TELESCOPIC SENSOR ADP-114

TELESCOPIC SWITCH ADP-93
 THE AMBIENT TEMPERATURE DISPLAY IS
 INCORRECT MWI-138
 THE BRAKING DISTANCE IS LONG BRC-186
 THE DOOR OPEN WARNING CONTINUES
 DISPLAYING, OR DOES NOT DISPLAY
 MWI-136
 THE FUEL GAUGE INDICATOR DOES NOT
 OPERATE MWI-131
 THE LIGHT REMINDER WARNING DOES NOT
 SOUND WCS-65
 THE LOW WASHER FLUID WARNING
 CONTINUES DISPLAYING, OR DOES NOT
 DISPLAY MWI-135
 THE METER CONTROL SWITCH IS INOPERATIVE
 MWI-133
 THE PARKING BRAKE RELEASE WARNING
 CONTINUES DISPLAYING, OR DOES NOT
 DISPLAY MWI-134
 THE PARKING BRAKE RELEASE WARNING
 CONTINUES SOUNDING, OR DOES NOT
 SOUND WCS-66
 THE SEAT BELT WARNING CONTINUES
 SOUNDING, OR DOES NOT SOUND WCS-67
 THE STEERING SWITCHES ARE INOPERATIVE .
 MWI-132
 THE SYSTEM DOES NOT DETECT THE VEHICLE
 AHEAD AT ALL CCS-161, DAS-496
 THE SYSTEM OPERATES EVEN WHEN USING
 TURN SIGNAL DAS-498
 THE TRUNK OPEN WARNING CONTINUES
 DISPLAYING, OR DOES NOT DISPLAY
 MWI-137
 THE VEHICLE PULLS TO ONE SIDE DAS-796,
 STC-474
 THERMOSTAT CO-18
 THROTTLE VALVE CLOSED POSITION
 LEARNING EC6-263
 TIGHTENING TORQUE OF STANDARD BOLTS ...
 GI-19
 TILT & TELESCOPIC SWITCH GROUND CIRCUIT
 ADP-102
 TILT MOTOR ADP-129
 TILT SENSOR ADP-111
 TILT SWITCH ADP-91
 TILT & TELESCOPIC SWITCH ADP-154
 TIMING CHAIN EM-93, EM-238
 TIRE INFLATION INDICATOR DOES NOT
 ACTIVATE WT-67
 TIRE PRESSURE MONITORING SYSTEM WT-21,
 WT-24
 TIRE PRESSURE SENSOR WT-77
 TIRE PRESSURE SENSOR ID REGISTRATION ...
 WT-40
 TIRE PRESSURE SENSOR WAKE UP
 OPERATION WT-39

TIRE SIZE INCORRECT IS DISPLAYED ON
 INFORMATION DISPLAY DLN-64
 TOE CONTROL LINK RSU-20
 TOE-IN ADJUSTMENT ST-126
 TOW TRUCK TOWING GI-32
 TPMS WT-62
 TRANSFER ASSEMBLY DLN-74
 TRANSFER FLUID DLN-66
 TRANSMISSION ASSEMBLY TM-331, TM-343
 TRANSVERSE LINK FSU-15, FSU-37, FSU-63
 TROUBLE DIAGNOSIS LAN-32
 TROUBLE DIAGNOSIS - SPECIFICATION VALUE
 EC6-285
 TRUNK LID DLK-218
 TRUNK LID DOES NOT OPEN DLK-169
 TRUNK LID FINISHER EXT-58
 TRUNK LID LOCK DLK-242
 TRUNK LID OPENER ACTUATOR DLK-129
 TRUNK LID OPENER CANCEL SWITCHDLK-131,
 DLK-255
 TRUNK LID OPENER REQUEST SWITCH
 DLK-133, DLK-257
 TRUNK LID OPENER SWITCH DLK-135, DLK-256
 TRUNK LID TRIM INT-57
 TRUNK ROOM LAMP INL-89
 TRUNK ROOM LAMP CIRCUIT INL-67
 TRUNK ROOM LAMP SWITCH DLK-137
 TRUNK ROOM TRIM INT-50
 TURBOCHARGER EM-231
 TURBOCHARGER WASTEGATE CONTROL
 SOLENOID VALVE DATA INITIALIZATION
 EC6-268
 TURN SIGNAL LAMP CIRCUIT EXL-187
 TWEETER AV-413

U

U0028 DRIVETRAIN CAN COMMUNICATION
 EC4-240
 U0037 CAN COMMUNICATION EC4-242
 U0046 DRIVETRAIN CAN COMMUNICATION
 EC4-243
 U0100 CAN COMMUNICATION AV-296
 U0100 DRIVETRAIN CAN COMMUNICATION
 (ECM) EC4-245
 U0100 LOST COMMUNICATION (ECM A).TM-164
 U0101 CAN COMM CIRCUIT EC6-300
 U0101 DRIVETRAIN CAN COMMUNICATION
 (TCM) EC4-247
 U0101 LOST COMM (TCM) TM-165
 U0103 DRIVETRAIN CAN COMMUNICATION
 (SELECTOR LEVER MODULE) EC4-248
 U0104 ADAS CAN 1 CCS-141, DAS-462
 U0104 CAN COMMUNICATION (ADAS CONTROL
 UNIT) EC4-250
 U0109 DRIVETRAIN CAN COMMUNICATION
 (FPCM) EC4-251

U0111 CAN COMMUNICATION (EMCM) .EC4-252
 U0120 LIN COMMUNICATION (ALTERNATOR)
 EC4-253
 U0121 VDC CAN 2 CCS-142, DAS-166
 U0122 CAN COMMUNICATION [ABS ACTUATOR
 AND ELECTRIC UNIT (CONTROL UNIT)]
 EC4-254
 U0126 ST ANG SEN SIG SBC-47
 U0126 STEERING ANGLE SENSOR SIGNAL
 EXL-156
 U0126 STRG SEN CAN 1 CCS-143, DAS-167,
 DAS-465
 U012E ENGINE COMMUNICATION EC6-301
 U0140 CAN COMMUNICATION AV-298
 U0140 CAN COMMUNICATION (BCM) EC4-255
 U0141 CAN COMMUNICATION (IPDM E/R)
 EC4-256
 U0146 CAN COMMUNICATION EC6-303
 U0151 CAN COMMUNICATION (AIR BAG
 DIAGNOSIS SENSOR UNIT) EC4-257
 U0155 CAN COMMUNICATION AV-300
 U0155 CAN COMMUNICATION (COMBINATION
 METER) EC4-258
 U0164 CAN COMMUNICATION (A/C AUTO AMP.)
 EC4-259
 U0168 CAN COMMUNICATION (BCM) EC4-260
 U0198 CAN COMMUNICATION AV-302
 U0212 CAN COMMUNICATION (STEERING
 CONTROL MODULE) EC4-261
 U0235 ICC SENSOR CAN 1 DAS-168
 U0300 CAN COMMUNICATION DATA TM-166
 U0401 DRIVETRAIN CAN COMMUNICATION
 (ECM) EC4-262
 U0401 ECM CAN 1 DAS-169
 U0402 DRIVETRAIN CAN COMMUNICATION
 (TCM) EC4-264
 U0402 TCM CAN 1 DAS-171
 U0404 CAN COMMUNICATION (A/T SHIFT
 SELECTOR) EC4-265
 U0405 ADAS CAN 2 CCS-144, DAS-466
 U0405 CAN COMMUNICATION [ABS ACTUATOR
 AND ELECTRIC UNIT (CONTROL UNIT)]
 EC4-267
 U040A CAN COMMUNICATION (A/C AUTO AMP.)
 EC4-268
 U0415 VDC CAN 1 CCS-145, DAS-172
 U0415 VEHICLE SPEED BCS-88
 U0416 CAN COMMUNICATION [ABS ACTUATOR
 AND ELECTRIC UNIT (CONTROL UNIT)]
 EC4-269
 U0424 CAN COMMUNICATION (A/C AUTO AMP.)
 EC4-270
 U0424 HVAC CAN CIRCUIT 1 DAS-173
 U0427 CAN COMMUNICATION (BCM) EC4-271
 U0428 STEERING ANGLE SENSOR AV-569

A
B
C
D
E
F
G
H
J
K
L
M
N
O
P

U0428 STEERING ANGLE SENSOR CALIBRATION.....	EXL-157	U1266 TCU.....	AV-325
U0428 STRG ANGL CAL.....	SBC-49	U1267 METER CONN.....	AV-326
U0428 STRG SEN CAN 2.....	CCS-146, DAS-174, DAS-468	U12B7 USB CONN.....	AV-328
U0429 CAN COMMUNICATION (STEERING CONTROL MODULE).....	EC4-272	U12B8 REAR CAMERA CONN.....	AV-329
U042F ENGINE COMMUNICATION.....	EC6-304	U12BA MULTIFUNCTION SWITCH CONN.....	AV-331
U0431 IGNITION POWER SUPPLY VOLTAGE.....	EC4-273	U12BE RADIO ANTENNA CONN.....	AV-333
U0469 LIN COMMUNICATION (ALTERNATOR).....	EC4-274	U1300 AV COMM CIRCUIT.....	AV-335
U1000 CAN COMM.....	BCS-86	U1302 CAMERA POWER VOLT.....	AV-588
U1000 CAN COMM CIRCUIT.....	ADP-70, AV-304, AV-570, AV-742, BRC-170, CCS-147, DAS-175, DAS-469, DAS-789, DLN-56, EXL-158, HAC-82, MWI-111, PCS-36, SBC-46, SRC-51, STC-47, STC-93, TM-168, WT-59	U1303 LED POWER SUPPLY VOLT.....	AV-592
U1000 CAN COMMUNICATION CIRCUIT.....	EC4-275, EC6-306	U1304 CAMERA IMAGE CALIBRATION.....	AV-593
U1000-00 CAN COMM CIRCUIT.....	DAS-702	U1305 CONFIG UNFINISH.....	AV-594
U1000-01 CAN COMM CIRCUIT.....	EXL-159, LAN-285, STC-461	U1310 DISPLAY CONTROL UNIT.....	AV-337
U1001 CAN COMM CIRCUIT.....	EC6-308	U1321-55 CONFIG ERROR.....	LAN-289
U1010 CONTROL UNIT (CAN).....	ADP-71, AV-306, AV-573, AV-743, BCS-87, CCS-148, DAS-177, DAS-474, DAS-790, DLN-57, EXL-160, HAC-83, MWI-112, PCS-38, SRC-52, STC-94, WT-60	U1403 IGNITION POWER SUPPLY VOLTAGE.....	EC4-277
U1010-49 CONTROL MODULE (CAN).....	DAS-703	U1407 CAN COMMUNICATION (TCM).....	EC4-278
U1010-49 CONTROL UNIT (CAN).....	EXL-161, STC-463	U140E CHASSIS CONTROL MODULE.....	STC-95
U1010-49 CONTROL UNIT(CAN).....	LAN-287	U1500 CAM CAN 2.....	DAS-184
U1110 VEHICLE SPEED SIGNAL.....	EC4-276	U1501 CAM CAN 1.....	DAS-185
U1115 CAN ERROR.....	TM-170	U1502 ICC SENSOR CAN COMM CIRC.....	DAS-186
U111A REAR CAMERA IMAGE SIGNAL CIRCUIT.....	AV-575	U1503 SIDE RDR L CAN 2.....	DAS-187
U111B SIDE CAMERA RH IMAGE SIGNAL CIRCUIT.....	AV-578	U1504 SIDE RDR L CAN 1.....	DAS-188
U111C FRONT CAMERA IMAGE SIGNAL CIRCUIT.....	AV-581	U1505 SIDE RDR R CAN 2.....	DAS-189
U111D SIDE CAMERA LH IMAGE SIGNAL CIRCUIT.....	AV-584	U1506 SIDE RDR R CAN 1.....	DAS-190
U121F DISPLAY CONTROL UNIT.....	AV-308	U1507 LOST COMM(SIDE RDR R).....	DAS-191
U1223 CONFIG UNFINISH.....	AV-309	U1508 LOST COMM(SIDE RDR L).....	DAS-192
U1231 BOSE AMP.....	AV-310	U150B ECM CAN 3.....	DAS-178
U1232 STEERING ANGLE SENSOR.....	AV-311, AV-587	U150C VDC CAN 3.....	DAS-180
U1233 NAVI CONTROL UNIT.....	AV-312	U150D TCM CAN 3.....	DAS-181
U1234 AV CONTROL UNIT.....	AV-313	U150E BCM CAN 3.....	DAS-182
U1244 GPS ANTENNA CONN.....	AV-314	U150F AV CAN 3.....	DAS-183
U1249 AUDIO H/U CONN.....	AV-315	U1512 HVAC CAN 3.....	DAS-193
U124E AMP CONN.....	AV-317	U1513 METER CAN 3.....	DAS-194
U1258 SATELLITE RADIO ANTENNA.....	AV-318	U1514 STRG SEN CAN 3.....	DAS-195
U1259 INTEGRAL SWITCH CONN.....	AV-320	U1515 ICC SENSOR CAN 3.....	DAS-196
U125B AVM CONN.....	AV-322	U1516 CAM CAN 3.....	DAS-197
U125D NAVI CONN.....	AV-324	U1517 ACCELERATOR PEDAL ACTUATOR CAN 3.....	DAS-198
		U1518 CAN COMMUNICATION.....	EC4-279
		U1518 SIDE RDR L CAN 3.....	DAS-199
		U1519 CAN COMMUNICATION.....	EC4-280
		U1519 SIDE RDR R CAN 3.....	DAS-200
		U1521 SONAR CAN 2.....	DAS-201
		U1522 SONAR CAN 1.....	DAS-202
		U1523 SONAR CAN 3.....	DAS-203
		U1524 AVM CAN 1.....	DAS-204
		U1525 AVM CAN 3.....	DAS-205
		U1527 CCM CAN 1.....	DAS-206, DAS-478
		U1530 DR ASSIST BUZZER CAN 1.....	DAS-208
		U1538 EMCM CAN 3.....	DAS-209
		U153F CCM CAN 2.....	DAS-207
		U1540 DAST 3 CAN 1.....	DAS-211
		U1541 DAST 3 CAN 2.....	DAS-212
		U1600, U1608 FRONT DOOR SPEAKER.....	AV-338
		U1601, U1609 FRONT DOOR WOOFER.....	AV-341
		U1602, U160A FRONT DOOR SQUAWKER.....	AV-344

U1603, U160B TWEETER	AV-347
U1626, U162E FRONT SQUAWKER	AV-350
U162A CENTER SQUAWKER.....	AV-353
U1708, U1710 REAR DOOR SPEAKER	AV-355
U1722, U172A REAR SPEAKER.....	AV-359
U1725 REAR WOOFER	AV-362
U1A00 TCU	AV-744
U1A01 TCU	AV-745
U1A03 TCU	AV-746
U1A04 TCU	AV-747
U1A06 TEL ANTENNA	AV-748
U1A09 GPS ANTENNA	AV-749
U1A0A TCU	AV-750
U1A0B MICROPHONE	AV-751
U1A0C MICROPHONE	AV-753
U1A0E TELEMATICS SWITCH	AV-755
U1A10 TCU	AV-757
U1A11 TCU	AV-758
U1A31-00 DIRECT ADAPTIVE STEERING COMMUNICATION	DAS-704
U1A35-00 BRAKE CONTROL COMMUNICATION	DAS-706
U1A3E-00 ADAS COMMUNICATION	DAS-708
U3003 BATTERY VOLTAGE	EC4-281
U300E IGNITION POWER SUPPLY VOLTAGE	EC4-282
U3011 IGNITION POWER SUPPLY VOLTAGE	EC4-283
UNBALANCE STEERING WHEEL TURNING FORCE (TORQUE VARIATION).....	STC-56, STC-105
UNBALANCE STEERING WHEEL TURNING FORCE AND RETURN BETWEEN RIGHT AND LEFT	STC-55, STC-104
UNDER DRIVE CARRIER, FRONT BRAKE HUB ..	TM-412
UNEXPECTED BRAKE PEDAL REACTION	BRC-185
UNLOCK SENSOR	DLK-139
UPPER LINK	FSU-17, FSU-39, FSU-66
USER RECOGNITION OF LOG-IN FUNCTION IS NOT PERFORMED	DMS-32
V	
VACUUM LINES	BR-49, EC4-965
VACUUM PUMP	EM-36, EM-196
VANITY MIRROR LAMP	INL-81
VDC OFF INDICATOR LAMP	BRC-182
VDC OFF SWITCH	BRC-176, BRC-198
VDC WARNING LAMP.....	BRC-181

VEHICLE CAN COMMUNICATION 1 CIRCUIT	LAN-248, LAN-320, LAN-352, LAN-391, LAN-427, LAN-466, LAN-514, LAN-574, LAN-615, LAN-649, LAN-690, LAN-728, LAN-767, LAN-817, LAN-879, LAN-1087, LAN-1145, LAN-1209, LAN-1355, LAN-1413, LAN-1477
VEHICLE CAN COMMUNICATION 2 CIRCUIT	LAN-250, LAN-322, LAN-354, LAN-393, LAN-429, LAN-468, LAN-516, LAN-576, LAN-617, LAN-651, LAN-692, LAN-730, LAN-769, LAN-819, LAN-881, LAN-1089, LAN-1147, LAN-1211, LAN-1357, LAN-1415, LAN-1479
VEHICLE CAN COMMUNICATION CIRCUIT	LAN-246, LAN-918, LAN-947, LAN-979, LAN-1009, LAN-1040, LAN-1247, LAN-1277, LAN-1308
VEHICLE DOES NOT ENTER AWD MODE	DLN-62
VEHICLE JERKS DURING	BRC-189
VEHICLE SECURITY ALARM DOES NOT ACTIVATE	SEC-173
VEHICLE SECURITY SYSTEM CANNOT BE SET	SEC-170
VEHICLE SPEED SENSING AUTO LOCK OPERATION DOES NOT OPERATE..	DLK-172
VEHICLE SPEED SIGNAL CIRCUIT	RF-36
VENTILATION SYSTEM	EM-31, VTL-5
VIN REGISTRATION.....	EC4-218, EC6-261
VOICE GUIDANCE SIGNAL CIRCUIT	AV-390

W

WARNING CHIME SYSTEM.....	WCS-48
WARNING/INDICATOR LAMP REMAINS ON	MWI-130
WASHER LEVEL SWITCH SIGNAL CIRCUIT.....	MWI-128
WASHER SWITCH.....	WW-45
WATER OUTLET AND WATER PIPING	CO-65
WATER PUMP	CO-15, CO-47
WHEEL ALIGNMENT	FSU-9, FSU-28, FSU-53, RSU-6
WHEEL SENSOR	BRC-191
WIND DEFLECTOR	RF-62
WINDSHIELD GLASS.....	GW-11
WIPER AND WASHER SWITCH	WW-64
WIPER AND WASHER SYSTEM.....	WW-25
WIPER AND WASHER SYSTEM SYMPTOMS	WW-46
