

ALPHABETICAL INDEX

GI

MA

EM

LC

EC

FE

CL

MT

AT

TF

PD

AX

SU

BR

ST

RS

BT

HA

SC

EL

SECTION **IDX**

ALPHABETICAL INDEX

A

- ABS - Wiring diagramBR-37
- ABS sensor rotorAX-6, 20
- ABS/TCS C/U signalEC-583, 585
- A/C air flowHA-29, 207
- A/C component layoutHA-21, 205
- A/C compressor clutch removal and installationHA-175, 258
- A/C compressor descriptionHA-200
- A/C compressor precautionHA-7, 191
- A/C compressor special service toolHA-11, 195
- A/C control linkage adjustment (manual A/C)HA-225, 242, 244
- A/C control operation (auto A/C)HA-26
- A/C control operation (manual A/C)HA-206
- A/C diagnostic work flow (auto A/C)HA-79
- A/C diagnostic work flow (manual A/C)HA-216
- A/C HFC134a (R134a) system precautionHA-3, 187
- A/C HFC134a (R134a) system service procedureHA-170, 253
- A/C HFC134a (R134a) system service toolsHA-12, 196
- A/C HFC134a system service equipment precautionHA-8, 192
- A/C lubricant (R134a)HA-172, 255
- A/C operational checkHA-80, 217
- A/C performance chartHA-138, 236
- A/C performance test diagnosesHA-136, 234
- A/C relayHA-132, 251
- A/C self-diagnoses (auto A/C)HA-48
- A/C service data specificationHA-186, 269
- A/C switchHA-251
- A/C system description (auto A/C)HA-25
- A/C trouble diagnoses (auto A/C)HA-31
- A/C trouble diagnoses (manual A/C)HA-209
- A/C, A - Wiring diagramHA-35, 40
- A/C, M - Wiring diagramHA-213
- Accelerator control systemFE-3
- Accelerator pedal position (APP) sensorEC-708, 715, 731
- Accelerator pedal released position learningEC-81
- Actuator lever (Transfer)TF-157
- Air bagRS-11
- Air bag disposalRS-25
- Air bag precautionsGI-3
- Air bleeding for brake systemBR-9
- Air cleaner filter replacementMA-18
- Air conditioner cut controlEC-40
- Air flow meter - See Mass air flow sensorEC-194, 203, 211, 219, 478
- Air mix door control linkage adjustmentHA-104
- Air mix. door motorHA-100, 167
- Air spoiler, rearBT-36
- All-mode 4WD systemTF-43
- AlternatorSC-30
- Ambient sensorHA-155
- Angular tightening applicationEM-3
- Antenna - See Power antennaEL-203
- Anti-lock brake system - Wiring diagramBR-37
- APPS1 - Wiring diagramEC-711
- APPS2 - Wiring diagramEC-718
- APPS3 - Wiring diagramEC-734
- ASC/BS - Wiring diagramEC-688
- ASC/SW - Wiring diagramEC-681
- ASCBOF - Wiring diagramEC-776
- ASCDEC-62
- ASCD (automatic speed control device)EL-256
- ASCD brake switchEC-685, 775
- ASCD clutch switchEC-685, 775
- ASCD steering switchEC-679
- ASCIND - Wiring diagramEC-784
- A/T - Wiring diagram - AT - FTSAT-113
- A/T - Wiring diagram - AT - MAINAT-102
- A/T - Wiring diagram - AT - PNP/SWAT-107
- A/T - Wiring diagram - AT - VSS A/TAT-119
- A/T fluid temperature sensorAT-116
- A/T self-diagnosesAT-48
- A/T shift lock systemAT-265
- A/T shift lock system - Wiring diagramAT-266
- A/T trouble diagnosesAT-55
- A/T Wiring diagram - AT - ENG SSAT-123
- A/T Wiring diagram AT - 1STAT-129
- A/T Wiring diagram AT - 2NDAT-135
- A/T Wiring diagram AT - 3RDAT-141
- A/T Wiring diagram AT - 4THAT-148
- A/T Wiring diagram AT - BA/FTSAT-195
- A/T Wiring diagram AT - CANAT-207
- A/T Wiring diagram AT - LPSVAT-170
- A/T Wiring diagram AT - NONDTCAT-218
- A/T Wiring diagram AT - OVRCSVAT-190
- A/T Wiring diagram AT - SSV/AAT-175
- A/T Wiring diagram AT - SSV/BAT-179
- A/T Wiring diagram AT - TCCSIGAT-162
- A/T Wiring diagram AT - TCVAT-156
- A/T Wiring diagram AT - TPSAT-185
- A/T Wiring diagram AT - VSSMTRAT-202
- ATP switchTF-149
- ATP warning lampTF-139
- AudioEL-191
- AUDIO - Wiring diagramEL-192
- Audio and A/C control removal and installation - See Instrument panelBT-22
- AUT/DP - Wiring diagramEL-226
- Auto air conditioner - Wiring diagramHA-35, 40
- Automatic amplifierHA-44, 89
- Automatic drive positionerEL-221
- Automatic speed control system - See ASCDEL-256
- Automatic transmission fluid replacementMA-23
- Automatic transmission numberGI-45
- AxleMA-29
- Axle housing (rear)AX-20

ALPHABETICAL INDEX

B

Back doorBT-16
 Back door opener - See Back doorBT-16
 Back door trimBT-35
 Back-up lampEL-78
 Back-up lamp switch (M/T)MT-5
 BACK/L - Wiring diagramEL-78
 Ball joint (front)SU-15
 Basic inspectionEC-131
 BatterySC-4
 Battery/Starting/Charging System
 TesterSC-7, 13, 23
 Baulk ring (M/T)MT-11
 Blower motorHA-114, 227
 Blower resistorHA-227
 Body alignmentBT-62
 Brake boosterBR-19
 Brake control valve (Proportioning
 valve)BR-12
 Brake fluid changeBR-8
 Brake fluid levelMA-27
 Brake fluid level and line checkBR-8
 Brake hydraulic lineBR-10
 Brake inspectionMA-27
 Brake lines and cables inspectionMA-27
 Brake lining wear temporary checkingMA-28
 Brake master cylinderBR-15
 Brake pedalBR-13
 Brake switchEC-702
 BRK/SW - Wiring diagramEC-704
 Bulb specificationsEL-536
 Bumper, frontBT-13
 Bumper, rearBT-16
 BYPS/V - Wiring diagramEC-663, 670

C

Camshaft inspectionEM-45
 Camshaft position sensor (PHASE)EC-357
 CAN (Controller Area Network) ...EL-447, 452, 476,
 498, 511
 CAN - Wiring diagram...EC-173, EL-453, 477, 499,
 512
 CAN communication ...EC-57, 172, BR-91, EL-447,
 452, 476, 498, 511
 Canister - See EVAP canisterEC-41
 Center bearing assembly (propeller
 shaft)PD-11
 Center bearing disassembly (propeller
 shaft)PD-9
 Center case (Transfer)TF-17, 160
 CHARGE - Wiring diagramSC-22
 Charging systemSC-21
 Chassis and body maintenanceMA-22
 CHIME - Wiring diagramEL-151
 CIGAR - Wiring diagramEL-175
 Cigarette lighterEL-175

Circuit breakerEL-18 GI
 ClockEL-176
 CLOCK - Wiring diagramEL-176
 Closed loop control (Bank 1)EC-575 MA
 Closed loop control (Bank 2)EC-575
 Clutch coverCL-12
 Clutch discCL-12 EM
 Clutch drum (Transfer)TF-162
 Clutch fluid levelMA-22
 Clutch force release limit adjustmentTF-76 LC
 Clutch master cylinderCL-8
 Clutch operating cylinderCL-9 EC
 Clutch pedalCL-5
 Clutch pressure switch (Transfer)TF-148
 Clutch release bearingCL-10 FE
 Clutch withdrawal leverCL-10
 Coil spring (front)SU-10
 Coil spring (rear)SU-40 CL
 Collision diagnosisRS-63
 Combination lamp, front, removal and
 installationBT-13 MT
 Combination lamp, rear, removal and
 installationBT-36
 Combination meterEL-123 AT
 Combination meter removal and instal-
 lation - See Instrument panelBT-22
 Combination switchEL-32 TF
 COMPAS - Wiring diagramEL-136
 CompassEL-135
 Component Location (auto A/C)HA-31 PD
 Component Location (manual A/C)HA-209
 Compression pressureEM-14
 Compressor clutch removal and
 installationHA-175, 258 AX
 Compressor descriptionHA-200
 Compressor precautionHA-7, 191 SU
 Compressor special service toolHA-11, 195
 Connecting rodEM-67
 Connecting rod bearing clearanceEM-71 BR
 Connecting rod bushing clearanceEM-72
 Connector inspectionGI-21
 Console box - See Instrument panelBT-22 ST
 CONSULT for ABSBR-43
 CONSULT for all-mode 4WDTF-65
 CONSULT for engineEC-111 RS
 CONSULT for VDCBR-106
 CONSULT-II general informationGI-39
 Control valve (A/T)AT-301 BT
 Control valve (Transfer)TF-165
 Controller Area Network (CAN) ...EL-447, 452, 476,
 498, 511 HA
 Converter housing installationAT-277
 Coolant mixture ratioMA-13
 Coolant replacementMA-15 SC
 Cooling circuit (engine)LC-11
 Counter gear (M/T)MT-11
 Counter gear (Transfer)TF-18
 Coupling sleeve (M/T)MT-11
 Crankcase emission control system -
 See positive crankcase ventilationEC-56
 CrankshaftEM-69

ALPHABETICAL INDEX

Crankshaft position sensor (POS)EC-350
Cruise control - See ASCDEL-256
Cylinder blockEM-63
Cylinder headEM-41
Cylinder head bolt tighteningEM-52

D

Data link connector for ConsultEC-111
Daytime light systemEL-50
Daytime running light - See Daytime
light systemEL-50
DEF - Wiring diagramEL-179
Detonation sensor - See Knock sensorEC-345
Diagnostic trouble code (DTC) for OBD
systemEC-10, 86
Diagnostic trouble code (DTC) inspec-
tion priority chartEC-137
Differential carrier assemblyPD-31, 58
Differential carrier disassemblyPD-45
Differential gear oil replacementMA-26
DimensionsGI-46
D/LOCK - Wiring diagramEL-278
Dome light - See Interior lampEL-97
Door glassBT-19
Door lockBT-19
Door mirrorBT-61
Door trimBT-31
Door, frontBT-19
Door, rearBT-21
Drive belt inspectionMA-14
Drive chain (Transfer)TF-18, 162
Drive pinion diff. inspectionPD-24, 48
Drive pinion heightPD-26, 54
Drive plate runoutEM-73
Drive shaftMA-30
Drive shaft (front)AX-12
Dropping resistor (A/T)AT-173
DTC work supportEC-123
DTRL - Wiring diagramEL-55

E

ECM input/output signalEC-149
ECM power supplyEC-164, 473
ECM/PW - Wiring diagramEC-475
ECTS - Wiring diagramEC-238
Electric sun roofEL-207
Electric throttle control actuatorEC-494, 496
Electrical diagnosesGI-24
Electrical ignition systemEC-39
Electrical unitFoldout
Electrical units locationEL-517
Engine compartmentBT-63
Engine control circuit diagramEC-31
Engine control component parts
locationEC-26
Engine control module (ECM)EC-471

Engine control system diagram and
chartEC-34
Engine coolant temperature sensor
(ECTS)EC-236, 249
Engine fail-safe systemEC-138
Engine oil filter replacementMA-19
Engine oil precautionsGI-7
Engine oil replacementMA-18
Engine outer component partsEM-10
Engine removalEM-59
Engine room - See Engine
compartmentBT-63
Engine serial numberGI-45
ETC1 - Wiring diagramEC-498
ETC2 - Wiring diagramEC-506
ETC3 - Wiring diagramEC-511
EVAP canisterEC-42
EVAP canister purge volume control
solenoid valveEC-41, 396, 616
EVAP canister vent control
valveEC-403, 628, 636
EVAP control system (small leak)
diagnosisEC-381, 425, 438, 601, 645
EVAP control system pressure
sensorEC-410, 416
EVAP control system purge flow moni-
toring diagnosisEC-371
EVAP vapor lines inspectionMA-21
Evaporative emission (EVAP) systemEC-41
Exhaust systemFE-9
Exhaust system inspectionMA-22
ExteriorBT-36

F

4LO indicator lampTF-141
4WD shift indicator lampTF-135
4WD shift switchTF-148
4WD solenoid valveTF-148
4WD warning lampTF-46
Fan control ampHA-118
Fan switchHA-227
F/FOG - Wiring diagramEL-80
Final drive disassemblyPD-44
Final drive pre-inspectionPD-44
Final drive removal and installationPD-44
Finisher, interior - See TrimBT-29
Fluid temperature sensor (A/T)AT-116
FluidsMA-12
Flywheel (clutch)CL-13
Flywheel runoutEM-73
Fog lamp, frontEL-79
Fog lamp, front, removal and
installationBT-13
Fork rod (M/T)MT-13
Forward clutchAT-320
F/PUMP - Wiring diagramEC-765
Freeze frame dataEC-87
Front axleAX-2
Front bumperBT-13

ALPHABETICAL INDEX

Front case (Transfer)TF-17, 170
 Front combination lamp removal and
 installationBT-13
 Front disc brakeBR-22
 Front doorBT-19
 Front drive shaft (Transfer).....TF-18, 162
 Front final drive disassembly (4WD).....PD-19
 Front final drive pre-inspection (4WD)PD-19
 Front final drive removal and installa-
 tion (4WD).....PD-19
 Front fog lamp.....EL-79
 Front fog lamp removal and installationBT-13
 Front revolution sensor (Transfer)TF-149
 Front seatBT-43
 Front seat beltRS-5
 Front suspensionSU-3
 Front washerEL-163
 Front wiperEL-163
 Fuel cut control (at no load & high
 engine speed)EC-41
 Fuel filler lid.....BT-16
 Fuel filter replacementMA-17
 Fuel gaugeEL-123
 Fuel injection systemEC-304, 312
 Fuel injection system (Bank 1)EC-304, 312
 Fuel injection system (Bank 2)EC-304, 312
 Fuel level sensor.....EC-454, 456, 458
 Fuel line inspectionMA-17
 Fuel precautionsGI-8
 Fuel pressure check.....EC-64
 Fuel pressure regulatorEC-65
 Fuel pressure releaseEC-64
 Fuel pumpEC-763
 Fuel systemFE-4
 Fuel tank temperature sensorEC-319, 322
 Fuel tank vacuum relief valveEC-42
 FUEL B1 - Wiring diagram.....EC-306, 314
 FUEL B2 - Wiring diagram.....EC-307, 315
 FuseEL-18
 Fuse and fusible link boxFoldout
 Fuse blockFoldout
 Fusible linkEL-18

G

Garage jack and safety standGI-48
 Gauges.....EL-123
 Gear components (M/T)MT-11
 Generator - See Alternator.....SC-30
 Generic scan tool (GST)EC-125
 GlassBT-19
 Glass hatch opener, electricEL-214
 GreaseMA-12
 Ground distribution.....EL-19

H

Harness connector.....EL-7

Harness connector inspectionGI-21
 Harness layoutEL-520
 Hazard warning lampEL-83
 HeadlampMA
 Headlining - See Roof trimBT-34
 Heated oxygen sensor 1
 (bank 1).....EC-256, 264, 278, 541, 549
 Heated oxygen sensor 1
 (bank 2).....EC-256, 264, 278, 541, 549
 Heated oxygen sensor 2
 (bank 1).....EC-287, 295, 557, 566
 Heated oxygen sensor 2
 (bank 2).....EC-287, 295, 557, 566
 Heated oxygen sensor 2 heater
 (bank 1)EC-179, 187
 Heated oxygen sensor 2 heater
 (bank 2)EC-179, 187
 Heated oxygen sensor heater.....EC-179, 187
 Heated seat.....BT-46, EL-217
 Height (Dimensions)GI-46
 HFC134a (R134a) system precautionHA-3, 187
 HFC134a (R134a) system service
 procedure.....HA-170, 253
 HFC134a (R134a) system service
 toolsHA-12, 196
 HFC134a system service equipment
 precaution.....HA-8, 192
 High clutch.....AT-317
 H/LAMP - Wiring diagramEL-39
 Homelink universal transceiver.....EL-371
 Hood.....BT-13
 HornEL-174
 HORN - Wiring diagram.....EL-174
 How to erase DTC for OBD system.....EC-100
 HSEAT - Wiring diagram.....EL-217

I

IATS - Wiring diagramEC-228, 233
 Identification plate.....GI-45
 Idle air volume learningEC-81
 Idle mixture ratio.....EC-69
 Idle speed.....EC-69, 131
 IGN/SG - Wiring diagramEC-749
 Ignition control systemEC-748
 Ignition timingEC-69, 131
 ILL - Wiring diagramEL-91
 IlluminationEL-88
 In vehicle sensorHA-158
 In-cabin MicrofilterHA-184, 267
 INJECT - Wiring diagramEC-759
 InjectorEC-758
 Injector removal and installationEC-66
 Instrument panelBT-22
 INT/L - Wiring diagram.....EL-100
 Intake air temperature sensor.....EC-226, 231, 252
 Intake door control linkage
 adjustmentHA-113, 225
 Intake door motor.....HA-105, 220
 Intake manifold.....EM-12

ALPHABETICAL INDEX

Intake sensor.....HA-165
Intake valve timing control.....EC-175, 485
Intake valve timing control (Bank 1)EC-175, 485
Intake valve timing control (Bank 2)EC-175, 485
Intake valve timing control solenoid
valveEC-178
Intake valve timing control solenoid
valve (Bank 1).....EC-488
Intake valve timing control solenoid
valve (Bank 2).....EC-488
Integrated homelink transmitterEL-371
InteriorBT-29
Interior lampEL-97
Interior lamp on-off control.....EL-98
Internal gear (Transfer)TF-171
IVCB1 - Wiring diagramEC-490
IVCB2 - Wiring diagramEC-491

J

Jacking points.....GI-47
Journal bearing assembly (propeller
shaft)PD-11
Journal bearing disassembly (propeller
shaft)PD-10
Junction box (J/B).....Foldout

K

KEYLES - Wiring diagramEL-304
Keyless entry system - See Multi-re-
mote control system.....EL-299
Knock sensor (KS)EC-345
Knuckle spindleAX-10
KS - Wiring diagram.....EC-346

L

Length (Dimensions)GI-46
License lampEL-66
Lifting pointsGI-49
Limited slip diff. adjustment.....PD-51
Limited slip diff. assemblyPD-52
Limited slip diff. disassembly.....PD-49
Limited slip diff. inspectionPD-50
Line pressure solenoid valveAT-153, 167, 173
Line pressure switch (Transfer)TF-148
Line pressure test (A/T)AT-64
Liquid gasket applicationEM-3
LOAD - Wiring diagramEC-787
Location of electrical unitsEL-517
Lock, doorBT-19
Low and reverse brakeAT-324
Low tire pressure warning systemSU-16
Low tire pressure warning system -
trouble diagnosesSU-25

Low tire pressure warning system -
Wiring diagram.....SU-18
Lubricant (R134a) A/CHA-172, 255
Lubricants.....MA-12
Lubrication circuit (engine)LC-3
Lubrication-locks, hinges and hood
latchesMA-30
Luggage room lampEL-97

M

MAFS - Wiring diagramEC-198, 207,
214, 222, 480
Magnet clutch.....HA-125, 175, 258
MAIN - Wiring diagram.....EC-165
Main drive gear (M/T).....MT-11
Main gear (Transfer)TF-18
Main oil pump (Transfer).....TF-168
Mainshaft (M/T).....MT-11
Mainshaft (Transfer).....TF-18, 162
Maintenance (engine)MA-14
MAJOR OVERHALL.....AT-281
Major overhaul (Transfer)TF-16, 157
Malfunction indicator lamp (MIL).....EC-102
Manual air conditioner - Wiring diagram.....HA-213
Manual transmission numberGI-45
Manual transmission oil replacementMA-22
Mass air flow sensor
(MAFS).....EC-194, 203, 211, 219, 478
Master cylinder (brake)BR-15
Master cylinder (clutch)CL-8
MeterEL-123
METER - Wiring diagram.....EL-128
MIL & Data link connectors circuitEC-791
MIL/DL - Wiring diagramEC-791
MIRROR - Wiring diagram.....EL-213
Mirror defoggerEL-177
Mirror, door.....BT-61
Mirror, out sideBT-61
MisfireEC-335
Mode door control linkage adjustment...HA-99, 244
Mode door motorHA-92
Model variationGI-43
Molding - See ExteriorBT-36
M/T major overhaulMT-10
M/T removal and installationMT-7
Multi-remote control system.....EL-299
Multiplex communicationHA-168
Multiport fuel injection (MFI) systemEC-37
Multiport fuel injection precautions.....GI-6

N

NATS (Nissan anti-theft system).....EL-375
NATS - Wiring diagram.....EL-377
NAVI - wiring diagram.....EL-404
Navigation SystemEL-395
Neutral-4LO switchTF-149

ALPHABETICAL INDEX

NVH troubleshooting (AX).....AX-3, 19
 NVH troubleshooting (BR).....BR-7
 NVH troubleshooting (CL)CL-4
 NVH troubleshooting (M/T)MT-4
 NVH troubleshooting (PD).....PD-4
 NVH troubleshooting (ST).....ST-6
 NVH troubleshooting (SU)SU-4, 37
 NVH troubleshooting (Transfer)TF-10
 NVIS (Nissan vehicle immobilizer system).....EL-375

O

O2H1B1 - Wiring diagram.....EC-182
 O2H1B2 - Wiring diagram.....EC-183
 O2H2B1 - Wiring diagram.....EC-190
 O2H2B2 - Wiring diagram.....EC-191
 O2S1B1 - Wiring diagram.....EC-258, 267, 281
 O2S1B2 - Wiring diagram.....EC-259, 268, 282
 O2S2B1 - Wiring diagram ...EC-289, 298, 560, 569
 O2S2B2 - Wiring diagram ...EC-290, 299, 561, 570
 Oil change (capacity)MA-12
 Oil filter (Transfer)TF-155
 Oil pan (engine)EM-16
 Oil pressure (engine)LC-5
 Oil pump (A/T).....AT-297
 Oil pump (engine)LC-6
 Oil pump regulator valve (engine)LC-7
 Oil seal replacement (engine).....EM-39
 Oil seal replacement (front final drive 4WD).....PD-16
 Oil seal replacement (front of final drive).....PD-41
 On board diagnostic systemEC-85
 Operating cylinder (clutch).....CL-9
 ORVR (On-board Refueling Vapor Recovery).....EC-47
 Out side mirrorBT-61
 Overdrive control switch.....AT-263
 Overheat.....EC-587
 Overrun clutch.....AT-320
 Overrun clutch solenoid valve.....AT-192

P

P/ANT - Wiring diagram.....EL-204
 Park/Neutral position switch.....EC-696
 Park/neutral position switch (A/T)AT-109, 263
 Park/neutral position switch (M/T).....MT-5
 Parking brake controlBR-30
 Parking lampEL-66
 PCV (positive crankcase ventilation)EC-56
 Periodic maintenanceMA-7
 PGC/V - Wiring diagramEC-399, 619
 PHASE - Wiring diagramEC-359
 Pinion bearing preload diff.PD-26
 Pinion gear height diff.PD-26, 54
 Piston assembly.....EM-73

Piston pin inspection.....EM-65
 Piston ring inspection.....EM-66
 Piston to bore clearance.....EM-68
 Planetary carrier (Transfer).....TF-171
 PNP/SW - Wiring diagramEC-698
 POS - Wiring diagramEC-352
 POWER - Wiring diagram.....EL-12
 Power antenna.....EL-203
 Power door lockEL-276
 Power door mirrorEL-213
 Power seatEL-215
 Power steering fluid level.....MA-29, ST-8
 Power steering gear.....ST-17
 Power steering hydraulic pressureST-10
 Power steering oil pumpST-27
 Power steering pressure (PSP) sensorEC-466
 Power steering system bleeding.....ST-9
 Power supply routing.....EL-11
 Power transistor & ignition coil.....EC-748
 Power windowEL-257
 PRE/SE - Wiring diagramEC-412, 418
 Precautions (General)GI-4
 Pressure plate - See Clutch coverCL-12
 Pressure test (A/T)AT-64
 Propeller shaftPD-3
 Propeller shaft greasingMA-25
 Propeller shaft inspectionMA-25
 Propeller shaft on vehicle servicePD-8
 Propeller shaft vibrationPD-8
 PS/SEN - Wiring diagramEC-467

R

Rack retainer adjustment.....ST-8
 RadiatorLC-21, 23
 Radio - See Audio.....EL-191
 Rear air spoilerBT-36
 Rear axleAX-18
 Rear bumperBT-16
 Rear case (Transfer).....TF-17, 160
 Rear combination lamp removal and installationBT-36
 Rear cover packing replacement diff.PD-17
 Rear doorBT-21
 Rear drum brakeBR-26
 Rear heated oxygen sensor (HO2S)EC-557
 Rear seatBT-47
 Rear seat belt.....RS-6
 Rear side windowBT-60
 Rear suspensionSU-37
 Rear washer.....EL-168
 Rear window defogger.....EL-177
 Rear wiper.....EL-168
 Refrigerant pressure sensorHA-132, 251
 Refrigerant connection precautionHA-5, 189
 Refrigerant discharging evacuating chargingHA-170
 Refrigerant general precautionHA-4, 188
 Refrigerant linesHA-179, 262
 Refrigerant pressure sensor.....EC-770

ALPHABETICAL INDEX

Refrigeration cycleHA-16, 200
Release bearing (clutch).....CL-10
REMOTE - Wiring diagramEL-202
Removal and installation (A/T).....AT-276
Removal and installation (Transfer).....TF-15, 156
Reverse clutch.....AT-314
Reverse idler shaft (M/T).....MT-11
Reverse lamp switch (M/T) - See
 Back-up lamp switch (M/T).....MT-5
Reverse main gear (M/T)MT-11
Revolution sensor (A/T)AT-121
Ring gear diff. inspectionPD-24, 48
Road wheel sizeGI-46
Roof trimBT-34
Room lamp - See Interior lampEL-97
RP/SEN - Wiring diagramEC-771

S

SAE J1930 terminology listGI-54
Screw jackGI-47
Seal - See ExteriorBT-36
SEAT - Wiring diagramEL-215
Seat belt inspectionMA-31, RS-8
Seat belt pre-tensionerRS-3
Seat belt pre-tensioner disposalRS-25
Seat belt, frontRS-5
Seat belt, rearRS-6
Seat, frontBT-43
Seat, rearBT-47
Self-diagnosis (Transfer)TF-62
SEN/PW - Wiring diagramEC-598
SHIFT - Wiring diagramAT-266
Shift control (Transfer)TF-19, 31
Shift control components (M/T)MT-13
Shift fork (M/T)MT-13
Shift leverMT-13
Shift lock systemAT-265
Shift scheduleAT-356
Shift solenoid valve A (A/T) ..AT-131, 143, 153, 177
Shift solenoid valve B (A/T) ..AT-131, 137, 153, 181
Shock absorber (rear)SU-40
Side air bagRS-22
Side bearing preload (front final drive
 4WD)PD-25
Side trimBT-29
Side window - See Rear side windowBT-60
Smart entrance control unitEL-362
SMJ (super multiple junction)Foldout
Spare tire sizeGI-46
Spark plug replacementMA-20
SpeedometerEL-123
Spiral cableRS-18
Splice locationEL-452, 476, 498, 511
Spot lampEL-97
Spring (Wheelarch) heightSU-7
SROOF - Wiring diagramEL-208
SRS - See Supplemental Restraint
 SystemRS-11
SRS - Wiring diagramRS-38

Stabilizer bar (front).....SU-13
Stabilizer bar (rear)SU-42
Stall test (A/T)AT-61
Standardized relayEL-9
START - Wiring diagramSC-11
StarterSC-19
Starting systemSC-10
Steering gear, linkage and transfer
 gear inspectionMA-28
Steering linkageST-17
Steering switchEL-34
Steering transfer gearST-15
Steering wheel and columnST-11
Steering wheel playST-7
Steering wheel turning forceST-9
Stop lampEL-76
Stop lamp switchEC-685, 702, 775
STOP/L - Wiring diagramEL-76
Striking rod (M/T)MT-13
Strut (front)SU-10
Sub-gear (M/T)MT-11
Sub-oil pump (Transfer)TF-168
Sun gear (Transfer)TF-171
Sunload sensorHA-162
SunroofBT-48
Sunroof, electricEL-207
Supplemental Restraint SystemRS-11
Supplemental restraint system - Wiring
 diagramRS-38
SuspensionMA-29
S/VCSW - Wiring diagramEC-579
Swirl control valve control solenoid
 valveEC-514, 535
Swirl control valve control vacuum
 check switchEC-577
SWL/V - Wiring diagramEC-518, 537
Symbols and abbreviationsGI-10
Symptom matrix chartEC-139
Synchronizer (M/T)MT-11
System readiness test (SRT) codeEC-87

T

2-4WD shift solenoid valveTF-148
T&FLID - Wiring diagramEL-214
TachometerEL-123
Tail lampEL-66
TAIL/L - Wiring diagramEL-69
TCM circuit diagramAT-13
TCM inspection tableAT-95
Temperature control cable and linkage
 adjustmentHA-242
TFTS - Wiring diagramEC-324
Theft warning systemEL-328
ThermometerEL-135
ThermostatLC-18
Three way catalyst function (Bank 1)EC-366
Three way catalyst function (Bank 2)EC-366
Three way catalyst precautionsGI-6
Throttle bodyEM-12

ALPHABETICAL INDEX

Throttle control motorEC-509
 Throttle control motor relayEC-504
 Throttle position sensor
 (TPS).....EC-241, 327, 592, 594, 596, 723
 Throttle valve closed position learning.....EC-81
 Throwout bearing - See Clutch release
 bearingCL-10
 Tie-rodST-21
 Tie-rod ball joints.....ST-21
 Tightening torque of standard bolts.....GI-52
 Timing chain.....EM-21
 Tire rotationMA-26
 Tire sizeGI-46
 Tooth contact (front final drive 4WD)PD-30
 Tooth contact diff.PD-57
 Torque converter clutch solenoid
 valveAT-158, 167
 Torque converter installationAT-277
 Tow truck towing.....GI-49
 Towing point.....GI-51
 TPS1 - Wiring diagram.....EC-330
 TPS2 - Wiring diagram.....EC-244
 TPS3 - Wiring diagram.....EC-726
 Transfer caseTF-17
 Transfer control unit inspection table.....TF-90
 Transfer dropping resistor.....TF-149
 Transfer fluid replacement (All-mode
 4WD model)MA-24
 Transfer fluid replacement (Part time
 4WD model)MA-24
 Transfer fluid temperature sensor.....TF-148
 Transfer motor.....TF-155
 Transfer motor relay.....TF-150
 Transfer serial numberGI-46
 Transmission case (M/T).....MT-10
 TRANSMT - Wiring diagramEL-371
 Tread-FR&RR (Dimensions).....GI-46
 TrimBT-29
 TRNSCV - Wiring diagramEL-371
 Trouble diagnosesGI-34
 Turbine revolution sensor.....AT-209
 TURN - Wiring diagramEL-85
 Turn signal lampEL-83
 Two trip detection logicEC-85
 Two-pole liftGI-49

U

Under bodyBT-65

V

Vacuum cut valveEC-41
 Vacuum cut valve bypass valve.....EC-41, 661, 667

Vacuum hose (brake system).....BR-21
 Vacuum hose drawing (Engine control)EC-35
 Valve clearance.....EM-54
 Valve guide.....EM-46
 Valve seat.....EM-47
 Valve spring.....EM-49
 Vanity mirror lampEL-97
 VDC (vehicle dynamics control)BR-89
 Vehicle identification number.....GI-44
 Vehicle recovery (freeing a stuck
 vehicle).....GI-51
 Vehicle security (theft warning) systemEL-328
 Vehicle speed sensor (VSS)EC-460
 VEHSEC - Wiring Diagram.....EL-336
 VENT/V - Wiring diagramEC-405, 630, 639
 VIASEC-739
 VIAS/V - Wiring diagramEC-741
 Viscosity number (SAE).....MA-13

W

Wait detection switchTF-149
 WARN - Wiring diagramEL-140
 Warning chimeEL-149
 Warning lampsEL-139
 Washer, front.....EL-163
 Washer, rear.....EL-168
 Water pumpLC-13
 Water temperature gaugeEL-123
 Weatherstrip - See ExteriorBT-36
 Wheel balanceMA-26
 Wheel bearing (front).....AX-4
 Wheel bearing (rear)AX-19
 Wheel hub (front).....AX-6
 Wheel sensor (VDC)BR-142
 Wheel sensors (ABS).....BR-56, 80
 Wheel sizeGI-46
 Wheelarch heightSU-7
 Wheelbase (Dimensions)GI-46
 Width (Dimensions)GI-46
 WINDOW - Wiring diagramEL-261
 Window, doorBT-19
 Window, rear sideBT-60
 Window, side - See Rear side window.....BT-60
 Windshield.....BT-58
 WIP/R - Wiring diagramEL-170
 WIPER - Wiring diagramEL-165
 Wiper, front.....EL-163
 Wiper, rearEL-168
 Wiring Diagram (Cell code) list.....EL-537
 Wiring diagram (Transfer)TF-53
 Wiring diagramsGI-11
 Withdrawal lever (clutch)CL-10
 Wrist pin - See Piston pin inspection.....EM-65

GI
MA
EM
LC
EC
FE
CL
MT
AT
TF
PD
AX
SU
BR
ST
RS
BT
HA
SC
EL

NOTES