

ALPHABETICAL INDEX

SECTION **IDX**

GI

MA

EM

LG

EC

FE

CL

MT

AT

PD

AX

SU

BR

ST

RS

BT

HA

SC

EL

IDX

ALPHABETICAL INDEX

A

AAC/V - Wiring diagram.....EC-168
 ABS - Wiring diagramBR-40
 ABS sensor rotorAX-11
 A/C air flow.....HA-17
 A/C component layout.....HA-15
 A/C compressor clutch removal and
 installation.....HA-81
 A/C compressor descriptionHA-14
 A/C compressor precaution.....HA-7
 A/C compressor special service tool.....HA-10
 A/C control linkage adjustment (manual
 A/C).....HA-35, 58, 61
 A/C control operation (manual A/C).....HA-16
 A/C diagnostic work flow (manual A/C).....HA-27
 A/C HFC134a (R134a) system
 precaution.....HA-2
 A/C HFC134a (R134a) system service
 procedure.....HA-77
 A/C HFC134a (R134a) system service
 tools.....HA-11
 A/C HFC134a system service equip-
 ment precaution.....HA-7
 A/C lubricant (R134a).....HA-79
 A/C operational check.....HA-28
 A/C performance chart.....HA-46
 A/C performance test diagnoses.....HA-44
 A/C push control.....HA-95
 A/C relay.....HA-75
 A/C service data specification.....HA-98
 A/C trouble diagnoses (manual A/C).....HA-19
 A/C, M - Wiring diagramHA-23
 Accelerator control systemFE-3
 Accelerator wire adjustmentFE-3
 Air bag.....RS-7
 Air bag disposal.....RS-16
 Air bag precautionsGI-3
 Air bleeding (hydraulic clutch)CL-6
 Air bleeding for brake systemBR-8
 Air cleaner filter.....EM-17
 Air conditioner cut controlEC-21
 Air flow meter - See Mass air flow
 sensor.....EC-98
 Air mix door control linkage adjustment.....HA-58
 Air mix. door motor.....HA-52
 Alternator.....SC-22
 Angular tightening application.....EM-3
 Antenna - See Power antennaEL-104
 Anti-lock brake system - Wiring
 diagram.....BR-40
 A/T - Wiring diagram - AT - MAIN.....AT-86
 A/T - Wiring diagram - AT - VSS A/T.....AT-91
 A/T control.....EC-148
 A/T fluid temperature sensor.....AT-131
 A/T mode switch.....AT-197
 A/T self-diagnoses.....AT-37
 A/T shift lock system.....AT-198
 A/T shift lock system - Wiring diagram.....AT-199

A/T trouble diagnoses.....AT-42
 A/T Wiring diagram - AT - ENG SS.....AT-133
 A/T Wiring diagram AT - BA/FTS.....AT-127
 A/T Wiring diagram AT - LPSV.....AT-138
 A/T Wiring diagram AT - NONDTC.....AT-146
 A/T Wiring diagram AT - OVRCSV.....AT-117
 A/T Wiring diagram AT - SSV/A.....AT-108
 A/T Wiring diagram AT - SSV/B.....AT-113
 A/T Wiring diagram AT - TCV.....AT-122
 A/T Wiring diagram AT - TPS.....AT-100
 A/T Wiring diagram AT - VSSMTR.....AT-96
 AT/C - Wiring diagram.....EC-150
 Audio.....EL-103
 AUDIO - Wiring diagram.....EL-103
 Audio and A/C control removal and
 installation - See Instrument panel.....BT-22
 Automatic transmission number.....GI-39
 Axle housing (rear).....AX-11

B

Back-up lamp.....EL-38
 Back-up lamp switch (M/T).....MT-8
 BACK/L - Wiring diagram.....EL-38
 Ball joint (front).....SU-12
 Ball Joint (rear).....SU-22
 Basic inspectionEC-50
 Battery.....SC-3
 Balk ring (M/T).....MT-31, 36
 Blower and cooling unit.....HA-89
 Blower motor.....HA-37
 Blower resistor.....HA-37
 Blower unit.....HA-88
 Board-on lift.....GI-41
 Body alignment.....BT-53
 Boring/horning cylinder block.....EM-72
 Brake booster.....BR-17
 Brake control valve (Proportioning
 valve).....BR-11
 Brake fluid change.....BR-6
 Brake fluid level and line check.....BR-6
 Brake hydraulic line.....BR-9
 Brake master cylinder.....BR-14
 Brake pedal.....BR-12
 Bulb specifications.....EL-175
 Bumper, front.....BT-6
 Bumper, rear.....BT-10

C

Camshaft inspection.....EM-43
 Camshaft position sensor (CMPS).....EC-90
 Canister-See EVAP canister.....EC-22
 CHARGE - Wiring diagram.....SC-20
 Charging system.....SC-19
 CHIME - Wiring diagram.....EL-81
 CIGAR - Wiring diagram.....EL-94
 Cigarette lighter.....EL-94

ALPHABETICAL INDEX

Circuit breaker.....	EL-14
Clutch cover.....	CL-15
Clutch disc.....	CL-15
Clutch master cylinder.....	CL-7
Clutch operating cylinder.....	CL-10
Clutch pedal.....	CL-5, 6
Clutch release bearing.....	CL-13
Clutch withdrawal lever.....	CL-13
CMPS - Wiring diagram.....	EC-93
Coil spring (front).....	SU-9
Coil spring (rear).....	SU-20
Collision diagnosis.....	RS-46
Combination lamp, rear, removal and installation.....	BT-34
Combination meter.....	EL-58
Combination meter removal and instal- lation - See Instrument panel.....	BT-22
Combination switch.....	EL-26
Component Location (manual A/C).....	HA-19
Compressor clutch removal and installation.....	HA-81
Compressor description.....	HA-14
Compressor precaution.....	HA-7
Compressor special service tool.....	HA-10
Connecting rod.....	EM-71
Connecting rod bearing clearance.....	EM-75
Connecting rod bushing clearance.....	EM-76
Console box - See Instrument panel.....	BT-22
CONSULT for ABS.....	BR-43
CONSULT for engine.....	EC-39
Control valve (A/T).....	AT-230
Converter housing installation.....	AT-209
COOL/F - Wiring diagram.....	EC-123
Coolant mixture ratio.....	MA-9
Cooling circuit (engine).....	LC-10
Cooling fan control.....	EC-120
Cooling fan motor.....	EC-136
Cooling fan relay.....	EC-135
Counter gear (M/T).....	MT-36
Coupling sleeve (M/T).....	MT-31, 36
“Crankcase emission control system - See positive crankcase ventilation”.....	EC-25
Crankshaft.....	EM-73
Cylinder block.....	EM-68
Cylinder block boring.....	EM-72
Cylinder head.....	EM-38

D

Data link connector for Consult.....	EC-39
DEF - Wiring diagram.....	EL-97
Detonation sensor - See Knock sensor.....	EC-137
Diagnosis sensor unit.....	RS-10
Diagnostic trouble code (DTC) for OBD system.....	EC-4
Differential carrier assembly.....	PD-27
Differential carrier disassembly.....	PD-17
Dimensions.....	GI-40
D/LOCK - Wiring diagram.....	EL-121
Dome light - See Interior lamp.....	EL-47

Door glass.....	BT-14, 16
Door lock.....	BT-20
Door mirror.....	BT-52
Door trim.....	BT-29
Door, front.....	BT-13
Door, rear.....	BT-13
Drive belt.....	EM-16
Drive pinion diff. inspection.....	PD-19
Drive pinion height.....	PD-21
Drive plate runout.....	EM-77
Drive shaft (rear).....	AX-15
Dropping resistor (A/T).....	AT-141
Dual pressure switch.....	HA-74

E

ECM input/output signal.....	EC-76
ECTS - Wiring diagram.....	EC-107
Electric sun roof.....	EL-106
Electrical diagnoses.....	GI-20
Electrical ignition system.....	EC-20
Electrical load signal circuit.....	EC-218
Electrical unit.....	Foldout
Electrical units location.....	EL-154
Engine compartment.....	BT-54
Engine control circuit diagram.....	EC-14
Engine control component parts location.....	EC-11
Engine control system diagram and chart.....	EC-15
Engine coolant temperature sensor (ECTS).....	EC-105
Engine fail-safe system.....	EC-67
Engine oil precautions.....	GI-7
Engine outer component parts.....	EM-12
Engine removal.....	EM-65
Engine room - See Engine compartment.....	BT-54
Engine serial number.....	GI-39
EVAP canister.....	EC-23
EVAP canister purge volume control solenoid valve.....	EC-22
Evaporative emission (EVAP) system.....	EC-22
Exhaust system.....	FE-11
Exhaust system inspection.....	FE-11
Exterior.....	BT-34

F

Fan switch.....	HA-37
FICD - Wiring diagram.....	EC-210
Final drive disassembly.....	PD-16
Final drive pre-inspection.....	PD-16
Final drive removal and installation.....	PD-16
Finisher, interior - See Trim.....	BT-26
Finisher, trunk lid.....	BT-33
Floor trim.....	BT-26
Fluid temperature sensor (A/T).....	AT-131

ALPHABETICAL INDEX

Fluids.....MA-8
Flywheel (clutch).....CL-16
Flywheel runout.....EM-77
Fork rod (M/T).....MT-40
Forward clutch.....AT-249
F/PUMP - Wiring diagram.....EC-205
FRO2 - Wiring diagram.....EC-153
FRO2/H - Wiring diagram.....EC-159
Front axle.....AX-2
Front bumper.....BT-6
Front combination lamp removal and
installation.....BT-6
Front disc brake.....BR-20
Front door.....BT-13
Front heated oxygen sensor (HO2S).....EC-152
Front heated oxygen sensor (HO2S)
heater.....EC-158
Front seat.....BT-38
Front seat belt.....RS-4
Front suspension.....SU-2
Front washer.....EL-87
Front wiper.....EL-87
Fuel cut control (at no load & high
engine speed).....EC-22
Fuel filter replacement.....FE-4
Fuel gauge.....EL-58
Fuel injector.....EC-194
Fuel line inspection.....FE-4
Fuel precautions.....GI-8
Fuel pressure check.....EC-27
Fuel pressure regulator.....EC-28
Fuel pressure release.....EC-27
Fuel pump.....EC-203
Fuel pump and gauge.....FE-8
Fuel pump relay.....EC-203
Fuel system.....FE-4
Fuel tank vacuum relief valve.....EC-23
Fuse.....EL-14
Fuse block.....Foldout
Fusible link.....EL-14

G

Garage jack and safety stand.....GI-42
Gauges.....EL-58
Gear components (M/T).....MT-31, 36
Generator - See Alternator.....SC-22
Glass.....BT-14
Grease.....MA-8
Ground distribution.....EL-15

H

Harness connector.....EL-4
Harness layout.....EL-158
Hazard warning lamp.....EL-39
Headlamp.....EL-28
Headlamp removal and installation.....BT-6

Headlining - See Roof trim.....BT-31
Heated oxygen sensor (HO2S) (front).....EC-152
Heated oxygen sensor (HO2S) heater
(front).....EC-158
Heater unit (heater core).....HA-86
Height (Dimensions).....GI-40
HFC134a (R134a) system precaution.....HA-2
HFC134a (R134a) system service
procedure.....HA-77
HFC134a (R134a) system service tools.....HA-11
HFC134a system service equipment
precaution.....HA-7
High clutch.....AT-246
H/LAMP - Wiring diagram.....EL-29
Hood.....BT-6
Horn.....EL-93
HORN - Wiring diagram.....EL-93
How to erase DTC for OBD system.....EC-33
Hydraulic lash adjuster inspection.....EM-48

I

IACV-FICD solenoid valve.....EC-209
Identification plate.....GI-39
IGN/SG - Wiring diagram.....EC-112
Ignition control system.....EC-110
ILL - Wiring diagram.....EL-44
Illumination.....EL-43
INJECT - Wiring diagram.....EC-195
Injector removal and installation.....EC-28
Instrument panel.....BT-22
Intake door control linkage adjustment.....HA-35
Intake door motor.....HA-32
Intake manifold.....EM-36
Intake valve timing control solenoid
valve.....EC-173
Interior.....BT-26
Interior lamp.....EL-47
Interior lamp on-off control.....EL-48
IVC - Wiring diagram.....EC-175

J

Jacking points.....GI-42
Junction box (J/B).....Foldout

K

Knock sensor (KS).....EC-137, 138
Knuckle spindle.....AX-5

L

Length (Dimensions).....GI-40
License lamp.....EL-35

ALPHABETICAL INDEX

Lifting pointsGI-43
 Line pressure solenoid valveAT-136
 Line pressure test (A/T)AT-51
 Liquid gasket applicationEM-3
 LOAD - Wiring diagramEC-219
 Location of electrical unitsEL-154
 Lock, doorBT-20
 Low and reverse brakeAT-253
 Lubricant (R134a) A/CHA-79
 LubricantsMA-8
 Lubrication circuit (engine)LC-3

M

MAFS - Wiring diagramEC-101
 Magnet clutchHA-81
 MAIN - Wiring diagramEC-83
 Main drive gear (M/T)MT-9, 29
 MAJOR OVERHALLAT-211
 Malfunction indicator lamp (MIL)EC-35
 Manual air conditioner - Wiring diagramHA-23
 Mass air flow sensor (MAFS)EC-98
 Master cylinder (brake)BR-14
 Master cylinder (clutch)CL-7
 MeterEL-58
 METER - Wiring diagramEL-63
 MIL & Data link connectors circuitEC-224
 MIL/DL - Wiring diagramEC-224
 MIRROR - Wiring diagramEL-110
 Mirror defoggerEL-96
 Mirror, doorBT-52
 Mode door control linkage adjustmentHA-61
 Mode door motorHA-59, 62
 Model variationGI-37
 Molding - See ExteriorBT-34
 M/T major overhaulMT-15
 M/T oil replacementMT-7
 M/T removal and installationMT-12
 Multiport fuel injection (MFI) systemEC-18
 Multiport fuel injection precautionsGI-6

N

NATS (Nissan anti-theft system)EL-134
 NATS (Nissan anti-theft system) precautionsGI-3
 NATS - Wiring diagramEL-136
 NVH troubleshooting (AX)AX-3
 NVH troubleshooting (BR)BR-5
 NVH troubleshooting (CL)CL-4
 NVH troubleshooting (M/T)MT-6
 NVH troubleshooting (PD)PD-3
 NVH troubleshooting (ST)ST-5
 NVH troubleshooting (SU)SU-14
 NVIS (Nissan vehicle immobilizer system) precautionsGI-3

O

Oil pan (engine)EM-20
 Oil pressure (engine)LC-3
 Oil pump (A/T)AT-226
 Oil pump (engine)LC-4
 Oil pump regulator valve (engine)LC-5
 Oil seal replacement (engine)EM-34
 Oil seal replacement (front of final drive)PD-12
 Oil seal replacement (side of final drive)PD-13
 On board diagnostic systemEC-33
 Operating cylinder (clutch)CL-10
 Overdrive control switchAT-196
 Overrun clutchAT-249
 Overrun clutch solenoid valveAT-116
 Oversize pistonEM-72

P

Park/neutral position switch (A/T)AT-196
 Park/neutral position switch (M/T)MT-8
 Parking brake controlBR-33
 Parking lampEL-35
 PCV (positive crankcase ventilation)EC-25
 Pilot bushing replacementEM-76
 Pinion gear height diff.PD-21
 Piston assemblyEM-78
 Piston pin inspectionEM-70
 Piston ring inspectionEM-70
 Piston to bore clearanceEM-72
 PNP/SW - Wiring diagramEC-187
 POWER - Wiring diagramEL-8
 Power antennaEL-104
 Power door lockEL-120
 Power door mirrorEL-110
 Power steering fluid levelST-7
 Power steering gearST-15
 Power steering hydraulic pressureST-9
 Power steering oil pressure switchEC-213
 Power steering oil pumpST-25
 Power steering system bleedingST-8
 Power supply routingEL-7
 Power transistor & ignition coilEC-110
 Power windowEL-111
 Precautions for Leak detection dyeHA-3
 Precautions (General)GI-4
 Pressure plate - See Clutch coverCL-15
 Pressure test (A/T)AT-51
 Propeller shaftPD-2
 Propeller shaft on vehicle servicePD-4
 Propeller shaft vibrationPD-5
 PST/SW - Wiring diagramEC-214

GI

MA

EM

LC

EC

FE

CL

MT

AT

PD

AX

SU

BR

ST

RS

BT

HA

SC

EL

IDX

ALPHABETICAL INDEX

R

Rack retainer adjustment.....	ST-7
Radiator	LC-14
Radiator fan - See Cooling fan.....	LC-15
Radio - See Audio.....	EL-103
Rear axle	AX-9
Rear axle (disc brake type)	AX-11
Rear bumper	BT-10
Rear combination lamp removal and installation	BT-34
Rear door	BT-13
Rear drum brake	BR-27
Rear seat	BT-39
Rear seat belt.....	RS-5
Rear suspension	SU-14
Rear window	BT-48
Rear window defogger.....	EL-96
Refrigerant connection precaution	HA-4
Refrigerant general precaution.....	HA-3
Refrigerant lines	HA-90
Refrigeration cycle.....	HA-14
Release bearing (clutch).....	CL-13
Removal and installation (A/T).....	AT-208
Reverse clutch.....	AT-243
Reverse idler shaft (M/T)	MT-25
Reverse main gear (M/T)	MT-31
Revolution sensor (A/T)	AT-93
Ring gear diff. inspection.....	PD-19
Road wheel size	GI-40
Roof trim	BT-31
Room lamp - See Interior lamp	EL-47
ROOM/L - Wiring diagram	EL-49

S

SAE J1930 terminology list	GI-46
Seal - See Exterior	BT-34
Seat belt pre-tensioner	RS-2
Seat belt pre-tensioner disposal	RS-16
Seat belt, front.....	RS-4
Seat belt, rear.....	RS-5
Seat, front	BT-38
Seat, rear	BT-39
SHIFT - Wiring diagram	AT-199
Shift control components (M/T)	MT-11
Shift fork (M/T)	MT-40
Shift lever.....	MT-11
Shift lock system	AT-198
Shift schedule.....	AT-288
Shift solenoid valve A (A/T).....	AT-106
Shift solenoid valve B (A/T).....	AT-111
Shock absorber (front)	SU-10
Shock absorber (rear)	SU-20
Side bearing preload diff.	PD-23
Side trim.....	BT-26
SMJ (super multiple junction).....	Foldout
Sodium-filled exhaust valve disposal.....	EM-3

Spare tire size	GI-40
Spark plug.....	EM-18
Speedometer.....	EL-58
Spiral cable.....	RS-12
Spot lamp.....	EL-57
SROOF - Wiring diagram	EL-107
SRS - See Supplemental Restraint System	RS-7
SRS - Wiring diagram	RS-26
S/SIG - Wiring diagram	EC-200
Stabilizer bar (rear)	SU-22
Stall test (A/T)	AT-48
Standardized relay	EL-5
START - Wiring diagram	SC-13
Start signal	EC-199
Starter	SC-15
Starting system.....	SC-12
Steering linkage	ST-15
Steering wheel and column.....	ST-11
Steering wheel play	ST-6
Steering wheel turning force.....	ST-8
Stop lamp.....	EL-37
STOP/L - Wiring diagram.....	EL-37
Striking rod (M/T)	MT-16
Strut (front)	SU-9
Strut (rear)	SU-18
Sun roof, electric.....	EL-106
Sunroof.....	BT-40
Supplemental Restraint System.....	RS-7
Supplemental restraint system - Wiring diagram	RS-26
Symbols and abbreviations	GI-10
Symptom matrix chart	EC-68
Synchronizer (M/T).....	MT-31, 36

T

Tachometer	EL-58
Tail lamp.....	EL-35
TAIL/L - Wiring diagram	EL-35
TCM circuit diagram.....	AT-12
TCM inspection table	AT-82
Thermal protector.....	HA-74, 85
Thermo control amp	HA-74
Thermostat.....	LC-13
Three way catalyst precautions.....	GI-6
Throttle position sensor (TPS)	EC-141
Throttle position sensor adjustment.....	EC-50
Throttle position switch	AT-105, 197
Throwout bearing - See Clutch release bearing	CL-13
Tie-rod.....	ST-15
Tie-rod ball joints.....	ST-19
Tightening torque of standard bolts.....	GI-45
Timing chain.....	EM-25
Tire size	GI-40
Tooth contact diff.	PD-26
Torque converter installation	AT-209
Torque convertor clutch solenoid valve.....	AT-120
Tow truck towing.....	GI-43

ALPHABETICAL INDEX

TPS - Wiring diagram.....	EC-144
Transaxle serial number.....	GI-39
Transmission case (M/T).....	MT-15
Tread-FR&RR (Dimensions).....	GI-40
Trim.....	BT-26
Trouble diagnoses.....	GI-30
Trunk lid.....	BT-10
Trunk lid finisher.....	BT-33
Trunk lid opener - See Trunk lid.....	BT-10
Trunk room lamp.....	EL-57
Trunk room trim.....	BT-33
Turbocharger.....	EM-58
TURN - Wiring diagram.....	EL-39
Turn signal lamp.....	EL-39
Two-pole lift.....	GI-43

U

Under body.....	BT-56
UNIFIED METER CONTROL UNIT (TIME CONTROL SYSTEM).....	EL-131

V

Vacuum hose (brake system).....	BR-19
Vacuum hose drawing (Engine control).....	EC-16
Valve guide.....	EM-45
Valve seat.....	EM-46
Valve spring.....	EM-48
Ventilation air filter.....	HA-96
Viscosity number (SAE).....	MA-9
VSS - Wiring diagram.....	EC-163

W

WARN - Wiring diagram.....	EL-74
Warning buzzer.....	EL-79
Warning chime.....	EL-79
Warning lamps.....	EL-73
Washer, front.....	EL-87
Wastegate valve control solenoid valve.....	EC-185
Water pump.....	LC-12
Water temperature gauge.....	EL-58
Weatherstrip - See Exterior.....	BT-34
Wheel alignment (front).....	SU-6
Wheel alignment (rear).....	SU-16
Wheel bearing (front).....	AX-4
Wheel bearing (rear).....	AX-10
Wheel hub (front).....	AX-5
Wheel hub (rear).....	AX-11
Wheel sensors (ABS).....	BR-54
Wheelbase (Dimensions).....	GI-40
Wide open & closed throttle position switch.....	EC-141
Width (Dimensions).....	GI-40
WINDOW - Wiring diagram.....	EL-114
Window, rear.....	BT-48
Windshield.....	BT-48
WIPER - Wiring diagram.....	EL-89
Wiper, front.....	EL-87
Wiring Diagram (Cell code) list.....	EL-176
Wiring diagrams.....	GI-11
Withdrawal lever (clutch).....	CL-13
Wrist pin - See Piston pin inspection.....	EM-70

GI

MA

EM

LC

EC

FE

CL

MT

AT

PD

AX

SU

BR

ST

RS

BT

HA

SC

EL

IDX

NOTES