

ALPHABETICAL INDEX

SECTION **IDX**

ALPHABETICAL INDEX

A

A/C HFC134a (R134a) system precaution . HA-2
A/C HFC134a (R134a) system service
 procedure HA-84
A/C HFC134a (R134a) system service
 tools HA-11
A/C HFC134a system service equip-
 ment precaution HA-6
A/C air flow HA-20
A/C component layout HA-18
A/C compressor clutch removal and
 installation HA-89
A/C compressor precaution HA-5
A/C compressor special service tool HA-9
A/C control linkage adjustment
 (manual A/C) HA-47
A/C control operation (manual A/C) HA-19
A/C diagnostic work flow
 (manual A/C) HA-39
A/C harness layout (manual A/C) HA-22
A/C lubricant (R134a) HA-86
A/C operational check HA-40
A/C performance chart HA-77
A/C performance test diagnoses HA-75
A/C relay HA-72
A/C service data specification HA-103
A/C switch HA-73
A/C, M - Wiring diagram HA-27
A/CCUT - Wiring diagram EC-700
A/T - Wiring diagram - AT - 1ST AT-205
A/T - Wiring diagram - AT - 2ND AT-212
A/T - Wiring diagram - AT - 3RD AT-218
A/T - Wiring diagram - AT - 4TH AT-225
A/T - Wiring diagram - AT - BA/FTS AT-165,
 273
A/T - Wiring diagram - AT - ENG SS AT-171,
 199
A/T - Wiring diagram - AT - FTS AT-189
A/T - Wiring diagram - AT - LPSV ... AT-176, 239
A/T - Wiring diagram - AT - MAIN AT-121
A/T - Wiring diagram - AT -
 OVRCSV AT-153, 267
A/T - Wiring diagram - AT - PNP/SW AT-183
A/T - Wiring diagram - AT - SSV/A .. AT-142, 246
A/T - Wiring diagram - AT - SSV/B .. AT-148, 252
A/T - Wiring diagram - AT - TCV AT-159, 233
A/T - Wiring diagram - AT - TPS AT-134, 259
A/T - Wiring diagram - AT - VSS/AT AT-126,
 195
A/T - Wiring diagram - AT -
 VSSMTR AT-130, 280
A/T control EC-437
A/T diagnosis communication line EC-361
A/T fluid temperature sensor AT-192
A/T shift lock system - Wiring
 diagram AT-336
A/T shift lock system AT-335
A/T trouble diagnoses AT-67, 72

AAC/V - Wiring diagram EC-315, 420
ABS (anti-lock brake system) BR-49
ABS - Wiring diagram BR-54
ABS sensor rotor AX-24
APS - Wiring diagram EC-577
ATDIAG - Wiring diagram EC-362, 438
Accelerator control system FE-3, 15
Accelerator position sensor EC-577
Air bag disposal RS-35
Air bag precautions GI-3
Air bag RS-20
Air bleeding (hydraulic clutch) CL-10
Air bleeding for brake system BR-8
Air conditioner cut control EC-32, 507
Air flow meter - See Mass air flow
 sensor EC-152, 566
Air mix door control linkage
 adjustment HA-49
Air spoiler, rear BT-47
Alternator SC-27
Angular tightening application EM-4, 76
Antenna - See Power antenna EL-162
Anti-lock brake system - Wiring
 diagram BR-54
Audio and A/C control removal and
 installation - See Instrument panel BT-25
Audio EL-149
Automatic transaxle number GI-41
Auxiliary air control (AAC) valve EC-313, 418

B

Back-up lamp switch (M/T) MT-21
Back-up lamp EL-58
Ball joint (front) SU-13
Basic inspection EC-98, 536
Battery SC-3
Baulk ring (M/T) MT-31, 55, 93
Blower motor HA-60
Blower resistor HA-60
Board-on lift GI-44
Body alignment BT-74
Brake booster BR-20
Brake fluid change BR-7
Brake fluid level and line check BR-7
Brake hydraulic line BR-9
Brake pedal BR-12
Bulb specifications EL-366
Bumper, front BT-7
Bumper, rear BT-10

C

CHARGE - Wiring diagram SC-25
CHIME - Wiring diagram EL-115
CIGAR - Wiring diagram EL-136
CKPS - Wiring diagram EC-274, 395, 587
CMPS - Wiring diagram EC-280

ALPHABETICAL INDEX

CONSULT for ABS BR-58
 CONSULT for engine EC-81, 527
 COOL/F - Wiring diagram EC-337, 618
 Camshaft inspection EM-36, 122
 Camshaft position sensor (CMPS) EC-278
 Camshaft position sensor (PHASE) EC-278
 Canister - See EVAP canister EC-33
 Charging system SC-24
 Cigarette lighter EL-136
 Circuit breaker EL-22
 Closed throttle position switch EC-321, 426
 Clutch cover CL-22
 Clutch disc CL-22
 Clutch master cylinder CL-11
 Clutch operating cylinder CL-14
 Clutch pedal CL-10
 Clutch release bearing CL-17, 20
 Clutch release mechanism CL-17, 20
 Clutch withdrawal lever CL-17, 20
 Coil spring (front) SU-9
 Coil spring (rear) SU-21
 Collision diagnosis RS-71
 Combination lamp, rear, removal and
 installation BT-47
 Combination meter removal and instal-
 lation - See Instrument panel BT-25
 Combination meter EL-89
 Combination switch EL-37
 Compression pressure EM-82
 Compressor clutch removal and
 installation HA-89
 Compressor precaution HA-5
 Compressor special service tool HA-9
 Connecting rod bearing clearance ... EM-58, 150
 Connecting rod bushing clearance ... EM-59, 152
 Connecting rod EM-55, 145
 Console box - See Instrument panel BT-25
 Control lever (M/T) MT-29
 Control valve (A/T) AT-375
 Converter housing installation AT-347
 Coolant mixture ratio MA-22
 Cooling circuit (engine) LC-12, 36
 Cooling fan control system LC-17, 42
 Cooling fan control EC-334, 618
 Cooling fan motor EC-346
 Cooling fan relay EC-345
 Coupling sleeve (M/T) MT-31, 55, 93
 Crankcase emission control system -
 See Positive crankcase ventilation EC-37,
 508
 Crankcase ventilation system - See
 Positive crankcase ventilation EC-37, 508
 Crankshaft position sensor (OBD) .. EC-272, 394
 Crankshaft position sensor (POS) .. EC-272, 394
 Crankshaft position sensor (TDC) EC-587
 Crankshaft EM-57, 148
 Cylinder block EM-52, 139
 Cylinder head EM-33, 118

D

DEF - Wiring diagram EL-140
 DTC work support EC-90
 Data link connector for Consult EC-38, 527
 Daytime light system EL-44
 Detonation sensor - See Knock
 sensor EC-268
 Diagnosis sensor unit RS-26
 Diagnostic trouble code (DTC) for
 OBD system EC-10, 70, 492, 522
 Diagnostic trouble code (DTC) inspec-
 tion priority chart EC-122
 Differential gear (FF A/T) AT-424
 Differential gear (FF M/T) MT-31, 43, 55, 93,
 107
 Dimensions GI-43
 Dome light - See Interior lamp EL-76
 Door glass BT-17
 Door lock BT-21
 Door mirror BT-72
 Door trim BT-39
 Door, front BT-16
 Door, rear BT-16
 Drive plate runout EM-60
 Drive shaft (front) AX-10
 Dropping resistor (A/T) AT-180, 243
 Dual pressure switch HA-13

E

ECCS-D control module EC-554, 604, 664,
 666, 670, 672
 ECM input/output signal EC-132, 554
 ECTS - Wiring diagram EC-165, 572
 EGR control valve EC-359
 EGR temperature sensor EC-347
 EGR volume control valve EC-686
 EGR/TS - Wiring diagram EC-350
 EGRC1 - Wiring diagram EC-289, 357, 403,
 688
 EVAP canister purge volume control
 solenoid valve EC-34
 EVAP canister purge volume control
 valve EC-304, 411
 EVAP canister EC-34
 Electric sunroof EL-165
 Electrical diagnoses GI-21
 Electrical ignition system EC-31
 Electrical load signal circuit EC-480
 Electrical unit EL-371
 Electrical units location EL-319
 Electronic fuel injection pump EC-513, 606,
 612, 634, 640, 646, 652, 658, 674
 Engine compartment BT-75
 Engine control circuit diagram EC-25, 502
 Engine control component parts
 location EC-21, 499

ALPHABETICAL INDEX

Engine control module (ECM) EC-327, 554,
604, 664, 666, 670, 672
Engine control system diagram and
chart EC-26, 503
Engine coolant temperature sensor
(ECTS) EC-163, 572
Engine fail-safe system EC-123
Engine oil precautions GI-7
Engine outer component parts EM-11
Engine removal EM-49, 136
Engine room - See Engine
compartment BT-75
Engine serial number GI-41
Evaporative emission (EVAP)
system EC-33
Exhaust gas recirculation (EGR)
valve EC-285, 353, 400
Exhaust system FE-11, 27
Exterior BT-47

F

F/PUMP - Wiring diagram EC-466
FR02 - Wiring diagram ... EC-179, 198, 205, 374
FR02/H - Wiring diagram EC-211, 380
FUEL - Wiring diagram EC-250, 257
Fan switch HA-60
Final drive (FF A/T) AT-424
Final drive (FF M/T) MT-43, 77, 93, 107
Finisher, interior - See Trim BT-31
Finisher, trunk lid BT-45
Floor trim BT-31
Fluid temperature sensor (A/T) AT-192
Fluids MA-20
Flywheel (clutch) CL-22
Flywheel runout EM-60, 153
Fog lamp, front, removal and
installation BT-7
Fog lamp, front EL-60
Fork rod (M/T) MT-32, 56, 94
Forward clutch AT-399
Freeze frame data EC-59, 70
Front axle AX-2
Front bumper BT-7
Front combination lamp removal and
installation BT-7
Front disc brake BR-27
Front door BT-16
Front fog lamp removal and
installation BT-7
Front fog lamp EL-60
Front heated oxygen sensor (HO2S)
heater EC-209, 379
Front heated oxygen sensor (HO2S) EC-176,
183, 189, 195, 203, 373
Front seat belt RS-5
Front seat BT-56
Front suspension SU-2
Front washer EL-123

Front wiper EL-123
Fuel cut control (at no load & high
engine speed) EC-33, 507
Fuel gauge EL-89
Fuel injection system EC-248, 255, 505
Fuel injector EC-446
Fuel precautions GI-8
Fuel pressure check EC-38
Fuel pressure regulator EC-39
Fuel pressure release EC-38
Fuel pump relay EC-464
Fuel pump EC-464
Fuel system FE-5, 16
Fuel tank vacuum relief valve EC-34
Fuse block EL-369
Fuse EL-22
Fusible link EL-22

G

GLOW - Wiring diagram EC-677
Garage jack and safety stand GI-45
Gauges EL-89
Gear components (M/T) MT-31, 55, 93
Generator - See Alternator SC-27
Generic scan tool (GST) EC-92
Glass BT-17
Glow plug EC-677
Glow relay EC-677
Grease MA-20
Ground distribution EL-23

H

H/LAMP - Wiring diagram EL-40
HEATER - Wiring diagram HA-24
HFC134a (R134a) system
recaution HA-2
HFC134a (R134a) system service
procedure HA-84
HFC134a (R134a) system service
tools HA-11
HFC134a system service equipment
precaution HA-6
HORN - Wiring diagram EL-135
HSEAT - Wiring diagram EL-163
Harness connector EL-5
Harness layout EL-324
Hazard warning lamp EL-65
Headlamp removal and installation BT-7
Headlamp washer EL-133
Headlamp EL-40
Headlining - See Roof trim BT-43
Heated oxygen sensor (HO2S)
(front) EC-176, 183, 189, 195, 203, 373
Heated oxygen sensor (HO2S) heater
(front) EC-209, 379

ALPHABETICAL INDEX

Heated oxygen sensor (HO2S) heater
(rear) EC-243, 389
Heated oxygen sensor (rear) EC-214, 222,
229, 237, 383
Heated seat EL-163
Height (Dimensions) GI-43
High clutch AT-394
Hood BT-7
Horn EL-135
How to erase DTC for OBD system .. EC-68, 71,
522

I

IACV-AAC valve EC-313, 418
IATS - Wiring diagram EC-160, 370
IGN/SG - Wiring diagram EC-452
ILL - Wiring diagram EL-72
INJECT - Wiring diagram EC-447
INT/L - Wiring diagram EL-87
IVC - Wiring diagram EC-331, 433
Identification plate GI-40
Idle air control (IAC) system EC-313, 418
Idle air control valve (IACV) EC-313, 418
Idle speed EC-41, 536
Ignition timing EC-41
Illumination EL-71
Injection nozzle EC-509
Injector removal and installation EC-39
Input shaft (FF M/T) MT-36, 64, 93, 98
Instrument panel BT-25
Intake air temperature sensor EC-158, 369
Intake valve timing control solenoid
valve EC-329, 432
Interior lamp on-off control EL-77
Interior lamp EL-76
Interior BT-31

J

Jacking points GI-45
Joint connector (J/C) EL-372
Junction box (J/B) EL-369

K

Keyless entry system - See Multi-remote control
system EL-220
Knock sensor (KS) EC-268, 269
Knuckle spindle AX-5

L

LOAD - Wiring diagram EC-481
Length (Dimensions) GI-43
License lamp EL-53

Lifting points GI-46
Line pressure solenoid valve AT-230
Line pressure test (A/T) AT-82
Liquid gasket application EM-4, 76
Location of electrical units EL-319
Lock, door BT-21
Low and reverse brake AT-406
Lubricant (R134a) A/C HA-86
Lubricants MA-20
Lubrication circuit (engine) LC-4, 26

M

M/T major overhaul MT-30, 54, 92
M/T removal and installation MT-23
MAFS - Wiring diagram EC-154, 566
MAIN - Wiring diagram EC-145, 560
MAJOR OVERHALL AT-349
MIL & Data link connectors circuit EC-488
MIL/DL - Wiring diagram EC-488, 701
MIRROR - Wiring diagram EL-167
Magnet clutch HA-89
Mainshaft (M/T) MT-39, 69, 93, 103
Malfunction indicator lamp (MIL) EC-72, 523
Manual air conditioner - Wiring
diagram HA-27
Manual transaxle number GI-42
Mass air flow sensor (MAFS) EC-152, 566
Master cylinder (clutch) CL-11
Meter EL-89
Mirror defogger EL-138
Mirror, door BT-72
Misfire EC-262
Mode door control linkage
adjustment HA-47
Model variation GI-38
Molding - See Exterior BT-47
Multi-remote control system EL-220
Multiport fuel injection (MFI) system EC-29
Multiport fuel injection precautions GI-6

N

NATS (Nissan Anti-theft System)
precautions GI-3
NATS (Nissan Anti-theft System) EL-234
NATS - Wiring diagram EL-237
NVH troubleshooting (AX) AX-3
NVH troubleshooting (BR) BR-6
NVH troubleshooting (MT) MT-13
NVH troubleshooting (ST) ST-5
NVH troubleshooting (SU) SU-16
NVH troubleshooting CL CL-4
NVIS (Nissan vehicle immobiliser sys-
tem) precautions GI-3
Neutral position switch EC-364, 441

ALPHABETICAL INDEX

O

Oil pan (engine) EM-19, 88
 Oil pressure (engine) LC-5, 27
 Oil pump (A/T) AT-371
 Oil pump (engine) LC-5, 27
 Oil pump regulator valve (engine) LC-7, 29
 Oil seal replacement (engine) EM-31
 On board diagnostic system EC-57, 522
 Operating cylinder (clutch) CL-14
 Overdrive control switch AT-333
 Overrun clutch AT-399

P

PCV (positive crankcase ventilation) EC-37, 508
 PGC/V - Wiring diagram EC-306, 413
 PNP/SW - Wiring diagram EC-366, 442, 696
 POWER - Wiring diagram EL-12
 PST/SW - Wiring diagram EC-471
 Park/Neutral position switch ... EC-364, 441, 696
 Park/neutral position switch (A/T) AT-181
 Park/neutral position switch (M/T) MT-21
 Parking brake control BR-47
 Parking lamp EL-53
 Piston assembly EM-60, 154
 Piston pin inspection EM-54, 144
 Piston ring inspection EM-54, 144
 Piston to bore clearance EM-56, 146
 Power antenna EL-162
 Power door lock EL-177
 Power door mirror EL-167
 Power steering fluid level ST-7
 Power steering gear ST-15
 Power steering hydraulic pressure ST-9
 Power steering oil pressure switch EC-470
 Power steering system bleeding ST-8
 Power supply routing EL-9
 Power window EL-169
 Precautions (General) GI-4
 Pressure plate - See Clutch cover CL-22
 Priming pump EC-520, 536

Q

Quick-glow system EC-677

R

RR02 - Wiring diagram .. EC-217, 225, 232, 239, 384
 RR02/H - Wiring diagram EC-245, 390
 Radiator LC-16, 41
 Radio - See Audio EL-149
 Rear air spoiler BT-47

Rear axle (disc brake type) AX-24
 Rear axle AX-22
 Rear bumper BT-10
 Rear combination lamp removal and installation BT-47
 Rear disc brake BR-35, 43
 Rear door BT-16
 Rear drum brake BR-31
 Rear heated oxygen sensor (HO2S) heater EC-243, 389
 Rear heated oxygen sensor (HO2S) EC-214, 222, 229, 237, 383
 Rear seat belt RS-11
 Rear seat BT-59
 Rear suspension SU-16
 Rear window defogger EL-138
 Rear window BT-68
 Refrigerant connection precaution HA-3
 Refrigerant general precaution HA-2
 Refrigerant lines HA-97
 Refrigeration cycle HA-13
 Release bearing (clutch) CL-17, 20
 Removal and installation (A/T) AT-346
 Reverse clutch AT-390
 Reverse idler shaft (M/T) MT-30, 54, 93
 Reverse lamp switch (M/T) - See Back-up lamp switch (M/T) MT-21
 Reverse main gear (M/T) MT-31, 55, 93
 Road wheel size GI-43
 Roof trim BT-43
 Room lamp - See Interior lamp EL-76

S

S/LOCK - Wiring diagram EL-180, 200
 S/SIG - Wiring diagram EC-461
 SAE J1930 terminology list GI-50
 SHIFT - Wiring diagram AT-336
 SROOF - Wiring diagram EL-165
 SRS - See Supplemental Restraint System RS-20
 START - Wiring diagram SC-14
 STOP/L - Wiring diagram EL-56
 Seal - See Exterior BT-47
 Seat belt pre-tensioner disposal RS-35
 Seat belt pre-tensioner RS-3
 Seat belt, front RS-5
 Seat belt, rear RS-11
 Seat, front BT-56
 Seat, rear BT-59
 Self-diagnostic results EC-72, 523
 Shift control components (M/T) MT-32, 56, 94
 Shift fork (M/T) MT-32, 56, 94
 Shift lever MT-29
 Shift lock system AT-335
 Shift schedule AT-449
 Shift solenoid valve A (A/T) AT-202, 207, 220
 Shift solenoid valve B (A/T) AT-202, 207
 Shock absorber (front) SU-10

ALPHABETICAL INDEX

Shock absorber (rear)	SU-21	Tow truck towing	GI-47
Side air bag	RS-33	Transmission case (M/T)	MT-30, 54, 92
Side trim	BT-31	Tread-FR&RR (Dimensions)	GI-43
Spare tire size	GI-43	Trim	BT-31
Speedometer	EL-89	Trouble diagnoses	GI-31
Spiral cable	RS-29	Trunk lid finisher	BT-45
Spot lamp	EL-87	Trunk lid opener - See Trunk lid	BT-10
Spring (Wheelarch) height	SU-6	Trunk lid trim	BT-45
Stabilizer bar (front)	SU-11	Trunk lid	BT-10
Stall test (A/T)	AT-78	Trunk room lamp	EL-87
Standardized relay	EL-7	Trunk room trim	BT-45
Start signal	EC-460, 693	Turn signal lamp	EL-65
Starter	SC-16	Two trip detection logic	EC-57
Starting system	SC-13	Two-pole lift	GI-46
Steering linkage	ST-15		
Steering switch	EL-39		
Steering wheel and column	ST-10		
Steering wheel play	ST-6		
Steering wheel turning force	ST-8		
Stop lamp	EL-56		
Striking rod (M/T)	MT-32, 56, 94		
Strut (front)	SU-9		
Strut (rear)	SU-20		
Sub-gear (M/T)	MT-31, 55		
Sunroof, electric	EL-165		
Sunroof	BT-60		
Super lock	EL-196		
Supplemental Restraint System	RS-20		
Supplemental restraint system - Wiring diagram	RS-46		
Symbols and abbreviations	GI-11		
Symptom matrix chart	EC-124, 541		
Synchronizer (M/T)	MT-31, 55, 93		
System readiness test (SRT) code	EC-60		

u

Under body	BT-77
------------------	-------

v

VSS - Wiring diagram	EC-311, 593
Vacuum hose (brake system)	BR-22
Vacuum hose drawing (Engine control)	EC-27
Vacuum pump	BR-23
Valve clearance	EM-42, 132
Valve guide	EM-38, 123
Valve lifter	EM-41
Valve seat	EM-40, 125
Valve spring	EM-41, 127
Vehicle speed sensor (VSS)	EC-309, 593
Viscosity number (SAE)	MA-21
Viscous coupling (FF M/T)	MT-93

t

TCM circuit diagram	AT-17
TCM inspection table	AT-117
TP/SW - Wiring diagram	EC-323, 427
TPS - Wiring diagram	EC-171
TURN - Wiring diagram	EL-67
Tachometer	EL-89
Tail lamp	EL-53
Thermostat	LC-15, 40
Three way catalyst precautions	GI-6
Three way catalyst	EC-299
Throttle position sensor (TPS)	EC-168
Throttle position sensor adjustment	EC-98
Throttle position switch	AT-139, 264, 333, EC-321, 426
Throwout bearing - See Clutch release bearing	CL-17, 20
Tie-rod ball joints	ST-19
Tie-rod	ST-15
Tightening torque of standard bolts	GI-49
Timing chain	EM-22, 93
Tire size	GI-43
Torque converter installation	AT-347

w

WARN - Wiring diagram	EL-108
WIP/R - Wiring diagram	EL-129
WIPER - Wiring diagram	EL-125
Warning chime	EL-113
Warning lamps	EL-107
Washer, front	EL-123
Water pump	LC-14, 38
Water temperature gauge	EL-89
Weatherstrip - See Exterior	BT-47
Wheel alignment (rear)	SU-18
Wheel bearing (front)	AX-3
Wheel bearing (rear)	AX-23
Wheel hub (front)	AX-5
Wheel hub (rear)	AX-24
Wheel sensors (ABS)	BR-88
Wheelarch height	SU-6
Wheelbase (Dimensions)	GI-43
Wide open & closed throttle position switch	EC-168
Width (Dimensions)	GI-43
Window, rear	BT-68

ALPHABETICAL INDEX

Windshield	BT-68	Withdrawal lever (clutch)	CL-17, 20
Wiper, front	EL-123	Wrist pin - See Piston pin inspection	EM-54, 144
Wiring diagram (cell code) list	EL-367		
Wiring diagrams	GI-12		