

SECTION **IDX**  
ALPHABETICAL INDEX

A  
B  
C  
D  
E  
F  
G  
H  
I  
J  
K  
L

# ALPHABETICAL INDEX

## A

A/C air flow ..... [ATC-36](#)  
 A/C and audio controller ..... [ATC-119](#)  
 A/C component layout ..... [ATC-25](#)  
 A/C compressor clutch removal and installation .....  
[ATC-145](#)  
 A/C compressor mounting ..... [ATC-143](#), [ATC-145](#),  
[ATC-148](#), [ATC-149](#), [ATC-150](#), [ATC-151](#), [ATC-152](#),  
[ATC-154](#), [ATC-155](#), [ATC-156](#), [ATC-157](#), [ATC-158](#)  
 A/C compressor precaution ..... [ATC-12](#)  
 A/C compressor special service tool ..... [ATC-16](#)  
 A/C control operation (auto A/C) ..... [ATC-33](#)  
 A/C diagnostic work flow (auto A/C) ..... [ATC-105](#)  
 A/C evaporator ..... [ATC-157](#)  
 A/C HFC134a (R134a) system precaution ..... [ATC-5](#)  
 A/C HFC134a (R134a) system service procedure .....  
[ATC-141](#)  
 A/C HFC134a (R134a) system service tools ... [ATC-17](#)  
 A/C HFC134a system service equipment precaution ...  
[ATC-12](#)  
 A/C lubricant (R134a) ..... [ATC-26](#)  
 A/C lubrication oil ..... [ATC-163](#)  
 A/C operational check ..... [ATC-62](#)  
 A/C self-diagnoses (auto A/C) ..... [ATC-53](#), [ATC-105](#)  
 A/C service data specification ..... [ATC-163](#)  
 A/C system description (auto A/C) ..... [ATC-29](#)  
 A/C trouble diagnoses (auto A/C) ..... [ATC-39](#)  
 A/C, A - Wiring diagram ..... [ATC-45](#)  
 A/T fluid checking ..... [AT-12](#), [AT-51](#)  
 A/T fluid cooler cleaning ..... [AT-14](#)  
 A/T fluid replacement ..... [AT-12](#)  
 A/T fluid temperature sensor ..... [AT-140](#)  
 A/T IND - Wiring diagram ..... [DI-39](#)  
 A/T self-diagnoses ..... [AT-105](#)  
 A/T shift lock system ..... [AT-240](#)  
 A/T shift lock system - Wiring diagram ..... [AT-241](#)  
 A/T trouble diagnoses ..... [AT-42](#)  
 A/T Wiring diagram AT - CAN ..... [AT-111](#)  
 A/T Wiring diagram AT - FTS ..... [AT-141](#)  
 A/T Wiring diagram AT - MAIN ..... [AT-186](#)  
 A/T Wiring diagram AT - MMSW ..... [AT-175](#)  
 A/T Wiring diagram AT - NONDTC ..... [AT-193](#)  
 A/T Wiring diagram AT - PNP/SW ..... [AT-119](#)  
 A/T Wiring diagram AT - STSIG ..... [AT-114](#)  
 A/T Wiring diagram AT - VSS A/T ..... [AT-124](#)  
 Accelerator control system ..... [ACC-3](#)  
 Accelerator pedal position (APP) sensor ..... [EC-635](#),  
[EC-642](#), [EC-656](#)  
 Accelerator pedal released position learning ..... [EC-91](#)  
 AF1B1-Wiring diagram ..... [EC-511](#), [EC-520](#), [EC-529](#),  
[EC-539](#), [EC-550](#), [EC-560](#), [EC-572](#)  
 AF1B2-Wiring diagram ..... [EC-513](#), [EC-522](#), [EC-531](#),  
[EC-541](#), [EC-552](#), [EC-562](#), [EC-574](#)  
 AF1HB1-Wiring diagram ..... [EC-420](#)  
 AF1HB2-Wiring diagram ..... [EC-422](#)  
 Air bag ..... [SRS-3](#)  
 Air bag precautions ..... [SRS-3](#)  
 Air bleeding (hydraulic clutch) ..... [CL-7](#)

Air bleeding for brake system ..... [BR-10](#)  
 Air cleaner and air duct ..... [EM-18](#)  
 Air cleaner filter replacement ..... [MA-17](#)  
 Air conditioner cut control ..... [EC-28](#)  
 Air flow meter - See Mass air flow sensor ..... [EC-206](#),  
[EC-215](#)  
 Air fuel ratio sensor 1 ..... [EC-509](#), [EC-518](#), [EC-527](#),  
[EC-537](#), [EC-547](#), [EC-557](#), [EC-569](#)  
 Air fuel ratio sensor 1 heater ..... [EC-419](#)  
 Air mix. door motor ..... [ATC-136](#)  
 Air spoiler, rear ..... [EI-35](#)  
 Ambient sensor ..... [ATC-106](#), [ATC-121](#)  
 Angular tightening application ..... [EM-6](#)  
 Antenna ..... [AV-30](#)  
 APPS1 - Wiring diagram ..... [EC-637](#)  
 APPS2 - Wiring diagram ..... [EC-644](#)  
 APPS3 - Wiring diagram ..... [EC-658](#)  
 ASC/BS - Wiring diagram ..... [EC-606](#), [EC-608](#)  
 ASC/SW - Wiring diagram ..... [EC-598](#)  
 ASCBOF - Wiring diagram ..... [EC-697](#), [EC-699](#)  
 ASCD ..... [EC-29](#)  
 ASCD (automatic speed control device) ..... [ACS-2](#)  
 ASCD brake switch ..... [EC-604](#), [EC-696](#)  
 ASCD indicator lamp ..... [EC-711](#)  
 ASCD steering switch ..... [EC-596](#)  
 ASCIND - Wiring diagram ..... [EC-712](#)  
 Ashtray illumination ..... [LT-166](#)  
 AT indicator lamp ..... [DI-39](#)  
 Audio ..... [AV-5](#)  
 Auto air conditioner - Wiring diagram ..... [ATC-45](#)  
 Auto amp ..... [ATC-120](#)  
 Auto anti-dazzling inside mirror ..... [GW-84](#)  
 Automatic amplifier ..... [ATC-50](#), [ATC-64](#), [ATC-120](#)  
 Automatic transmission fluid replacement ..... [MA-23](#),  
[MA-24](#)  
 AWD - Wiring diagram ..... [TF-17](#)  
 Axle ..... [MA-30](#)  
 Axle housing (rear) ..... [RAX-8](#)

## B

BACK/L - Wiring diagram ..... [LT-139](#)  
 Back-up lamp ..... [LT-139](#)  
 Back-up lamp switch (M/T) ..... [MT-11](#)  
 Basic inspection ..... [EC-72](#)  
 Battery ..... [SC-4](#)  
 Battery/Starting/Charging System Tester [SC-6](#), [SC-14](#),  
[SC-25](#)  
 BCM (Body control module) ..... [BCS-3](#)  
 Blower motor ..... [ATC-80](#), [ATC-127](#)  
 Blower unit ..... [ATC-125](#)  
 Bose speaker amp. .... [AV-5](#)  
 Brake booster ..... [BR-21](#)  
 Brake fluid change ..... [BR-9](#), [BR-10](#)  
 Brake fluid level ..... [MA-27](#)  
 Brake fluid level and line check ..... [BR-9](#)  
 Brake hydraulic line ..... [BR-11](#)  
 Brake inspection ..... [MA-28](#)  
 Brake lines and cables inspection ..... [MA-28](#)

# ALPHABETICAL INDEX

Brake master cylinder ..... [BR-14](#)  
 Brake pedal ..... [BR-6](#)  
 Brake switch ..... [EC-630](#)  
 BRK/SW - Wiring diagram ..... [EC-631](#)  
 Bulb specifications ..... [LT-206](#)  
 Bumper, front ..... [EI-14](#)  
 Bumper, rear ..... [EI-17](#)

## C

Camshaft ..... [EM-109](#)  
 Camshaft inspection ..... [EM-111](#)  
 Camshaft position sensor (PHASE) ..... [EC-323](#)  
 CAN - Wiring diagram ..... [EC-179](#), [LAN-35](#), [LAN-62](#),  
[LAN-95](#), [LAN-124](#), [LAN-159](#), [LAN-184](#)  
 CAN (Controller Area Network) . [BL-23](#), [BL-57](#), [BL-99](#),  
[BL-203](#), [SE-16](#), [LAN-21](#), [LAN-33](#), [LAN-60](#), [LAN-93](#),  
[LAN-122](#), [LAN-157](#), [LAN-182](#)  
 CAN communication . [EC-31](#), [EC-178](#), [AT-31](#), [AT-110](#),  
[TF-13](#), [TF-32](#), [WT-9](#), [BL-23](#), [BL-57](#), [BL-99](#), [BL-203](#),  
[SE-16](#), [LT-41](#), [WW-9](#), [LAN-21](#), [LAN-33](#), [LAN-60](#),  
[LAN-93](#), [LAN-122](#), [LAN-157](#), [LAN-182](#)  
 Center bearing assembly (propeller shaft) [PR-9](#), [PR-21](#)  
 Center bearing disassembly (propeller shaft) ..... [PR-8](#),  
[PR-20](#)  
 CHARGE - Wiring diagram ..... [SC-23](#)  
 Charging system ..... [SC-22](#)  
 Chassis and body maintenance ..... [MA-21](#)  
 CHIME - Wiring diagram ..... [DI-44](#), [DI-45](#)  
 CIGAR - Wiring diagram ..... [WW-38](#)  
 Cigarette lighter ..... [WW-38](#)  
 Cigarette lighter illumination ..... [LT-167](#)  
 Circuit breaker ..... [PG-15](#)  
 Clock ..... [DI-60](#)  
 Closed loop control ..... [EC-25](#)  
 Clutch master cylinder ..... [CL-8](#)  
 Clutch operating cylinder ..... [CL-11](#)  
 Clutch pedal ..... [CL-5](#)  
 Clutch release bearing ..... [CL-13](#)  
 Clutch release mechanism ..... [CL-13](#)  
 Clutch withdrawal lever ..... [CL-13](#)  
 Coil spring (front) ..... [FSU-10](#), [FSU-27](#)  
 Collision diagnosis ..... [SRS-51](#)  
 Combination lamp, front, removal and installation .....  
[LT-34](#), [LT-73](#)  
 Combination lamp, rear, removal and installation .....  
[LT-158](#)  
 Combination meter ..... [DI-4](#)  
 Combination switch ..... [LT-130](#)  
 COMM - Wiring diagram ..... [AV-57](#)  
 COMPAS - Wiring diagram ..... [DI-22](#)  
 Compass ..... [DI-21](#)  
 Component Location (auto A/C) ..... [ATC-42](#)  
 Compression pressure ..... [EM-127](#)  
 Compressor clutch removal and installation .. [ATC-145](#)  
 Compressor special service tool ..... [ATC-16](#)  
 Condenser ..... [ATC-155](#)  
 Control units (terminal arrangement) ..... [PG-71](#)  
 Control valve (A/T) ..... [AT-37](#)

Controller Area Network (CAN) . [BL-23](#), [BL-57](#), [BL-99](#),  
[BL-203](#), [SE-16](#), [LAN-21](#), [LAN-33](#), [LAN-60](#), [LAN-93](#),  
[LAN-122](#), [LAN-157](#), [LAN-182](#)  
 Converter housing installation ..... [AT-279](#)  
 COOL/F - Wiring diagram ..... [EC-492](#)  
 Cooling circuit (engine) ..... [CO-8](#)  
 Cooling fan ..... [CO-21](#)  
 Cooling fan motor ..... [EC-499](#)  
 Cowl top ..... [EI-21](#)  
 Cowl top cover ..... [EI-21](#)  
 Crankcase ventilation system - See Positive crankcase  
 ventilation ..... [EC-44](#)  
 Crankshaft position sensor (POS) ..... [EC-316](#)  
 Crash zone sensor ..... [SRS-46](#)  
 Cylinder head ..... [EM-127](#)

## D

D/LOCK - Wiring diagram ..... [BL-25](#), [BL-31](#)  
 Daytime light system ..... [LT-37](#)  
 Daytime running light - See Daytime light system [LT-37](#)  
 Diagnosis sensor unit ..... [SRS-49](#)  
 Diagnostic trouble code (DTC) for OBD system . [EC-8](#),  
[EC-48](#)  
 Diagnostic trouble code (DTC) inspection priority chart  
[EC-102](#)  
 Direct clutch solenoid valve ..... [AT-162](#), [AT-164](#)  
 Display and amp.assembly ..... [ATC-50](#), [ATC-64](#)  
 Door glass ..... [GW-76](#), [GW-80](#)  
 Door glass Fitting Adjustment(Front) ..... [GW-79](#)  
 Door glass Fitting Adjustment(Rear) ..... [GW-83](#)  
 Door lock ..... [BL-170](#)  
 Door mirror ..... [GW-109](#)  
 Door trim ..... [EI-37](#)  
 Door, front ..... [BL-166](#), [GW-76](#)  
 Door, rear ..... [BL-166](#), [GW-80](#)  
 Drive belt ..... [EM-15](#)  
 Drive shaft ..... [MA-30](#)  
 Drive shaft (rear) ..... [RAX-10](#)  
 Driver air bag ..... [SRS-39](#)  
 DTRL - Wiring diagram ..... [LT-43](#)  
 Duct and grilles ..... [ATC-137](#)

## E

ECM power supply ..... [EC-169](#), [EC-426](#)  
 ECM/PW - Wiring diagram ..... [EC-427](#)  
 ECTS - Wiring diagram ..... [EC-228](#)  
 Electric sunroof ..... [RF-10](#)  
 Electric throttle control actuator ..... [EC-445](#), [EC-447](#)  
 Electrical load signal circuit ..... [EC-695](#)  
 Electrical unit ..... [PG-71](#)  
 Electrical units location ..... [PG-65](#)  
 Electronic ignition (EI) system ..... [EC-26](#)  
 Engine control circuit diagram ..... [EC-122](#), [EC-124](#)  
 Engine control component parts location ..... [EC-109](#),  
[EC-115](#)  
 Engine control module (ECM) ..... [EC-416](#)  
 Engine control system diagram ..... [EC-22](#), [EC-23](#)

# ALPHABETICAL INDEX

Engine coolant ..... [CO-10](#)  
 Engine coolant temperature sensor (ECTS) ... [EC-226](#),  
[EC-238](#)  
 Engine fail-safe system ..... [EC-104](#)  
 Engine oil ..... [LU-7](#)  
 Engine oil filter replacement ..... [MA-18](#)  
 Engine oil precautions ..... [GI-8](#)  
 Engine oil replacement ..... [MA-17](#)  
 Engine removal ..... [EM-139](#)  
 ETC1 - Wiring diagram ..... [EC-448](#)  
 ETC2 - Wiring diagram ..... [EC-455](#)  
 ETC3 - Wiring diagram ..... [EC-459](#)  
 EVAP canister ..... [EC-35](#)  
 EVAP canister purge volume control solenoid valve ....  
[EC-351](#), [EC-581](#)  
 EVAP canister vent control valve ..... [EC-358](#), [EC-589](#)  
 EVAP control system (small leak) diagnosis ... [EC-343](#)  
 EVAP control system pressure sensor ..... [EC-365](#),  
[EC-368](#), [EC-374](#)  
 EVAP control system purge flow monitoring diagnosis  
[EC-338](#)  
 EVAP vapor lines inspection ..... [MA-20](#)  
 Evaporative emission (EVAP) system ..... [EC-32](#)  
 Evaporator ..... [ATC-157](#)  
 EVCB1 - Wiring diagram ..... [EC-200](#)  
 EVCB2 - Wiring diagram ..... [EC-202](#)  
 EVCSB1 - Wiring diagram ..... [EC-431](#)  
 EVCSB2 - Wiring diagram ..... [EC-433](#)  
 Exhaust manifold ..... [EM-27](#)  
 Exhaust system ..... [EX-3](#)  
 Exhaust system inspection ..... [EX-3](#), [MA-21](#)  
 Exhaust valve timing control (Bank 1) ..... [EC-186](#)  
 Exhaust valve timing control (Bank 2) ..... [EC-186](#)  
 Exhaust valve timing control learning ..... [EC-90](#)  
 Exhaust valve timing control magnet retarder (Bank 1)  
[EC-199](#)  
 Exhaust valve timing control magnet retarder (Bank 2)  
[EC-199](#)  
 Exhaust valve timing control position sensor (Bank 1) .  
[EC-430](#)  
 Exhaust valve timing control position sensor (Bank 2) .  
[EC-430](#)  
 Expansion valve ..... [ATC-158](#)

## F

F/FOG - Wiring diagram ..... [LT-97](#)  
 F/PUMP - Wiring diagram ..... [EC-685](#)  
 Final drive pre-inspection .... [RFD-18](#), [RFD-38](#), [FFD-16](#)  
 Final drive removal and installation ..... [RFD-15](#)  
 Floor trim ..... [EI-43](#)  
 Flow charts ..... [GI-27](#)  
 Fluid temperature sensor (A/T) ..... [AT-140](#)  
 Fluorescent leak detector ..... [ATC-159](#)  
 Flywheel runout ..... [EM-178](#)  
 Fog lamp, front ..... [LT-94](#)  
 Freeze frame data ..... [EC-52](#)  
 Front axle ..... [FAX-4](#), [FAX-12](#)  
 Front brake solenoid valve ..... [AT-158](#), [AT-160](#)

Front bumper ..... [EI-14](#)  
 Front combination lamp removal and installation [LT-34](#),  
[LT-73](#)  
 Front door ..... [BL-166](#), [BL-170](#), [GW-76](#)  
 Front fog lamp ..... [LT-94](#)  
 Front passenger air bag ..... [SRS-43](#)  
 Front seat ..... [SE-90](#)  
 Front seat belt ..... [SB-3](#)  
 Front seat belt pre-tensioner .... [SB-2](#), [SRS-3](#), [SRS-48](#)  
 Front suspension ..... [FSU-6](#), [FSU-23](#)  
 Front washer ..... [WW-4](#)  
 Front wiper ..... [WW-4](#)  
 FTTS - Wiring diagram ..... [EC-287](#), [EC-291](#)  
 Fuel cut control (at no load high engine speed) . [EC-27](#)  
 Fuel filter replacement ..... [FL-4](#)  
 Fuel gauge ..... [DI-4](#)  
 Fuel injection system (Bank 1) ..... [EC-266](#), [EC-276](#)  
 Fuel injection system (Bank 2) ..... [EC-266](#), [EC-276](#)  
 Fuel injector ..... [EC-677](#)  
 Fuel level sensor ..... [EC-399](#), [EC-401](#), [EC-403](#)  
 Fuel line inspection ..... [FL-3](#), [MA-17](#)  
 Fuel pressure check ..... [EC-94](#)  
 Fuel pressure release ..... [EC-94](#)  
 Fuel pump ..... [EC-684](#)  
 Fuel pump and gauge ..... [FL-4](#)  
 Fuel system ..... [FL-3](#)  
 Fuel tank ..... [FL-11](#)  
 Fuel tank temperature sensor ..... [EC-285](#), [EC-290](#)  
 Fuel tank vacuum relief valve ..... [EC-35](#)  
 FUELB1 - Wiring diagram ..... [EC-268](#), [EC-278](#)  
 FUELB2 - Wiring diagram ..... [EC-269](#), [EC-279](#)  
 Fuse ..... [PG-15](#)  
 Fuse and fusible link box ..... [PG-77](#)  
 Fusible link ..... [PG-15](#)

## G

Gauges ..... [DI-4](#)  
 Generic scan tool (GST) ..... [EC-150](#)  
 Glass ..... [GW-12](#), [GW-14](#), [GW-76](#), [GW-80](#)  
 Glove box lamp ..... [LT-165](#), [LT-205](#)  
 Grille - See Exterior ..... [EI-20](#)  
 Ground distribution ..... [PG-29](#)

## H

H/LAMP - Wiring diagram ..... [LT-10](#)  
 Harness connector ..... [PG-69](#)  
 Harness layout ..... [PG-41](#)  
 Hazard warning lamp ..... [LT-112](#)  
 Headlamp ..... [LT-6](#)  
 Headlamp removal and installation ..... [LT-34](#), [LT-73](#)  
 Headlining - See Roof trim ..... [EI-45](#)  
 Heated oxygen sensor 2 (bank 1) .... [EC-246](#), [EC-255](#),  
[EC-463](#), [EC-474](#)  
 Heated oxygen sensor 2 (bank 2) .... [EC-246](#), [EC-255](#),  
[EC-463](#), [EC-474](#)  
 Heated oxygen sensor 2 heater (bank 1) ..... [EC-191](#)  
 Heated oxygen sensor 2 heater (bank 2) ..... [EC-191](#)

# ALPHABETICAL INDEX

Heated seat ..... [SE-82](#)  
 Heater and cooling unit (Heater core) ..... [ATC-130](#)  
 HFC134a (R134a) system precaution ..... [ATC-5](#)  
 HFC134a (R134a) system service procedure [ATC-141](#)  
 HFC134a (R134a) system service tools ..... [ATC-17](#)  
 HFC134a system service equipment precaution .....  
[ATC-12](#)  
 High and low reverse clutch solenoid valve ... [AT-166](#),  
[AT-168](#)  
 Hood ..... [BL-13](#)  
 Hood lock system ..... [BL-16](#)  
 Horn ..... [WW-43](#)  
 HORN - Wiring diagram ..... [WW-43](#)  
 How to erase DTC for OBD system ..... [EC-61](#)  
 HSEAT - Wiring diagram ..... [SE-84](#), [SE-87](#)

## I

IATS - Wiring diagram ..... [EC-223](#)  
 Idle air volume learning ..... [EC-92](#)  
 Idle mixture ratio ..... [EC-78](#)  
 Idle speed ..... [EC-77](#)  
 Idle speed control (ISC) ..... [EC-407](#), [EC-409](#)  
 Ignition coil ..... [EM-44](#), [EC-664](#)  
 Ignition control system ..... [EC-664](#)  
 Ignition key hole illumination ..... [LT-164](#)  
 Ignition timing ..... [EC-77](#)  
 IGNSYS - Wiring diagram ..... [EC-665](#)  
 In vehicle sensor ..... [ATC-109](#), [ATC-122](#)  
 INJECT - Wiring diagram ..... [EC-678](#)  
 Injector ..... [EC-677](#)  
 Input clutch solenoid valve ..... [AT-154](#), [AT-156](#)  
 Intake air temperature sensor ..... [EC-222](#), [EC-241](#)  
 Intake door control linkage adjustment ..... [ATC-79](#)  
 Intake door motor ..... [ATC-77](#), [ATC-128](#)  
 Intake manifold ..... [EM-25](#)  
 Intake manifold collector ..... [EM-20](#)  
 Intake sensor ..... [ATC-115](#), [ATC-124](#)  
 Intake valve timing control (Bank 1) ..... [EC-181](#)  
 Intake valve timing control (Bank 2) ..... [EC-181](#)  
 Intake valve timing control solenoid valve (Bank 1) .....  
[EC-438](#)  
 Intake valve timing control solenoid valve (Bank 2) .....  
[EC-438](#)  
 Integrated homelink transmitter ..... [BL-249](#)  
 Interior ..... [EI-39](#)  
 Interior lamp ..... [LT-168](#)  
 IPDM (Intelligent power distribution module engine  
 room) ..... [PG-16](#)  
 IVCB1 - Wiring diagram ..... [EC-439](#)  
 IVCB2 - Wiring diagram ..... [EC-441](#)  
 IVIS (Infiniti vehicle immobilizer system) precautions ...  
[GI-4](#)

## K

Knock sensor (KS) ..... [EC-311](#)  
 KS - Wiring diagram ..... [EC-312](#)

## L

LAN system circuit ..... [ATC-67](#)  
 Latch (lower anchors and tether for children) system ...  
[SB-8](#)  
 Line pressure solenoid valve ..... [AT-133](#)  
 Line pressure test (A/T) ..... [AT-53](#)  
 Liquid gasket application ..... [LU-2](#), [CO-2](#)  
 Location of electrical units ..... [PG-65](#)  
 Low coast brake solenoid valve ..... [AT-170](#), [AT-172](#)  
 Low tire pressure warning system ..... [WT-7](#)  
 Lubricant (R134a) A/C ..... [ATC-7](#), [ATC-26](#)  
 Lubrication circuit (engine) ..... [LU-4](#)  
 Lubrication oil A/C ..... [ATC-163](#)  
 Luggage compartment trim ..... [EI-47](#)

## M

M/T oil replacement ..... [MT-9](#)  
 MAFS - Wiring diagram ..... [EC-209](#), [EC-217](#)  
 Magnet clutch ..... [ATC-86](#), [ATC-145](#)  
 MAIN - Wiring diagram ..... [EC-169](#)  
 Maintenance (engine) ..... [MA-13](#)  
 Major overhaul (Final drive) ..... [RFD-17](#), [FFD-14](#)  
 Major overhaul (Transfer) ..... [TF-50](#)  
 Malfunction indicator lamp (MIL) ..... [EC-63](#)  
 Mass air flow sensor (MAFS) ..... [EC-206](#), [EC-215](#)  
 Master cylinder (brake) ..... [BR-14](#)  
 Master cylinder (clutch) ..... [CL-8](#)  
 Meter ..... [DI-4](#)  
 METER - Wiring diagram ..... [DI-10](#)  
 MIL data link connectors circuit ..... [EC-720](#)  
 MIL/DL - Wiring diagram ..... [EC-720](#)  
 Mirror, door ..... [GW-109](#)  
 Mirror, out side ..... [GW-109](#)  
 Misfire ..... [EC-301](#)  
 Mode door control linkage adjustment ..... [ATC-73](#)  
 Mode door motor ..... [ATC-71](#), [ATC-135](#)  
 Molding - See Exterior [EI-23](#), [EI-24](#), [EI-27](#), [EI-30](#), [EI-32](#),  
[EI-36](#)  
 Mud guard - See Exterior ..... [EI-28](#), [EI-29](#)  
 Multiplex communication ..... [ATC-117](#)  
 Multiport fuel injection (MFI) system ..... [EC-24](#)  
 Multiport fuel injection precautions ..... [GI-7](#)

## N

NATS - Wiring diagram ..... [BL-229](#)  
 NAVI - Wiring diagram ..... [AV-52](#)  
 Navigation system ..... [AV-35](#)  
 NVH troubleshooting (BR) ..... [BR-5](#)  
 NVH troubleshooting (Final drive) ..... [RFD-7](#), [FFD-6](#)  
 NVH troubleshooting (Propeller shaft) ..... [PR-3](#), [PR-12](#)  
 NVH troubleshooting (Transfer) ..... [TF-8](#)  
 NVIS (Nissan vehicle immobilizer system) precautions  
[GI-4](#)

A  
B  
C  
D  
E  
F  
G  
H  
I  
J  
K  
L

IDX

# ALPHABETICAL INDEX

## O

|                                                   |                                                                                                      |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------|
| O2H2B1 - Wiring diagram .....                     | <a href="#">EC-193</a>                                                                               |
| O2H2B2 - Wiring diagram .....                     | <a href="#">EC-195</a>                                                                               |
| O2S2B1 - Wiring diagram ..                        | <a href="#">EC-248</a> , <a href="#">EC-258</a> , <a href="#">EC-466</a> ,<br><a href="#">EC-477</a> |
| O2S2B2 - Wiring diagram ..                        | <a href="#">EC-250</a> , <a href="#">EC-260</a> , <a href="#">EC-468</a> ,<br><a href="#">EC-479</a> |
| Oil cooler (engine) .....                         | <a href="#">LU-15</a>                                                                                |
| Oil filter .....                                  | <a href="#">LU-11</a>                                                                                |
| Oil pan (engine) .....                            | <a href="#">EM-31</a>                                                                                |
| Oil pressure (engine) .....                       | <a href="#">LU-8</a>                                                                                 |
| Oil pump (engine) .....                           | <a href="#">LU-18</a>                                                                                |
| Oil pump regulator valve (engine) .....           | <a href="#">LU-18</a>                                                                                |
| Oil seal replacement (front of final drive) ..... | <a href="#">RFD-11</a> ,<br><a href="#">FFD-9</a>                                                    |
| Oil seal replacement (side of final drive) .....  | <a href="#">RFD-13</a> ,<br><a href="#">FFD-11</a>                                                   |
| On board diagnostic system .....                  | <a href="#">EC-47</a>                                                                                |
| Operating cylinder (clutch) .....                 | <a href="#">CL-11</a>                                                                                |
| ORVR (On-board Refueling Vapor Recovery) ...      | <a href="#">EC-39</a>                                                                                |
| Out side mirror .....                             | <a href="#">GW-109</a>                                                                               |
| Overheat .....                                    | <a href="#">EC-488</a>                                                                               |

## P

|                                            |                                                 |
|--------------------------------------------|-------------------------------------------------|
| P/SCKT - Wiring diagram .....              | <a href="#">WW-41</a>                           |
| Park/Neutral position switch .....         | <a href="#">EC-622</a>                          |
| Park/neutral position switch (A/T) .....   | <a href="#">AT-118</a>                          |
| Parking brake control .....                | <a href="#">PB-5</a>                            |
| Parking drum brake .....                   | <a href="#">PB-7</a>                            |
| PCV (positive crankcase ventilation) ..... | <a href="#">EC-44</a>                           |
| Personal lamp .....                        | <a href="#">LT-163</a>                          |
| PGC/V - Wiring diagram .....               | <a href="#">EC-353</a> , <a href="#">EC-583</a> |
| PHSB1 - Wiring diagram .....               | <a href="#">EC-325</a>                          |
| PHSB2 - Wiring diagram .....               | <a href="#">EC-327</a>                          |
| PNP/SW - Wiring diagram .....              | <a href="#">EC-624</a> , <a href="#">EC-626</a> |
| POS - Wiring diagram .....                 | <a href="#">EC-318</a>                          |
| POWER - Wiring diagram .....               | <a href="#">PG-4</a>                            |
| Power door mirror .....                    | <a href="#">BL-20</a>                           |
| Power seat .....                           | <a href="#">SE-79</a>                           |
| Power socket .....                         | <a href="#">WW-41</a>                           |
| Power steering fluid level .....           | <a href="#">PS-7</a> , <a href="#">MA-29</a>    |
| Power steering gear .....                  | <a href="#">PS-20</a>                           |
| Power steering hydraulic pressure .....    | <a href="#">PS-31</a>                           |
| Power steering oil pump .....              | <a href="#">PS-31</a>                           |
| Power steering pressure (PSP) sensor ..... | <a href="#">EC-411</a>                          |
| Power steering system bleeding .....       | <a href="#">PS-7</a>                            |
| Power supply routing .....                 | <a href="#">PG-3</a>                            |
| Power window .....                         | <a href="#">GW-16</a>                           |
| PRE/SE - Wiring diagram .....              | <a href="#">EC-370</a> , <a href="#">EC-376</a> |
| Precautions for Leak detection dye .....   | <a href="#">ATC-15</a>                          |
| Precautions (General) .....                | <a href="#">GI-4</a>                            |
| Pressure switch 1 .....                    | <a href="#">AT-160</a> , <a href="#">AT-178</a> |
| Pressure switch 2 .....                    | <a href="#">AT-172</a>                          |
| Pressure switch 3 .....                    | <a href="#">AT-156</a> , <a href="#">AT-180</a> |
| Pressure switch 5 .....                    | <a href="#">AT-164</a> , <a href="#">AT-182</a> |
| Pressure switch 6 .....                    | <a href="#">AT-168</a> , <a href="#">AT-184</a> |
| Pressure test (A/T) .....                  | <a href="#">AT-53</a>                           |

|                                          |                                                                      |
|------------------------------------------|----------------------------------------------------------------------|
| Propeller shaft .....                    | <a href="#">PR-4</a> , <a href="#">PR-13</a> , <a href="#">PR-16</a> |
| Propeller shaft on vehicle service ..... | <a href="#">PR-4</a> , <a href="#">PR-13</a> , <a href="#">PR-16</a> |
| Propeller shaft vibration .....          | <a href="#">PR-4</a> , <a href="#">PR-13</a> , <a href="#">PR-16</a> |
| PS/SEN - Wiring diagram .....            | <a href="#">EC-412</a>                                               |

## R

|                                                                 |                                                                              |
|-----------------------------------------------------------------|------------------------------------------------------------------------------|
| Radiator .....                                                  | <a href="#">CO-13</a>                                                        |
| Radio - See Audio .....                                         | <a href="#">AV-5</a>                                                         |
| Rear axle .....                                                 | <a href="#">RAX-6</a>                                                        |
| Rear bumper .....                                               | <a href="#">EI-17</a>                                                        |
| Rear combination lamp removal and installation .....            | <a href="#">LT-158</a>                                                       |
| Rear disc brake .....                                           | <a href="#">BR-38</a>                                                        |
| Rear door .....                                                 | <a href="#">BL-166</a> , <a href="#">GW-80</a>                               |
| Rear parcel shelf finisher .....                                | <a href="#">EI-41</a>                                                        |
| Rear seat .....                                                 | <a href="#">SE-98</a>                                                        |
| Rear seat belt .....                                            | <a href="#">SB-4</a>                                                         |
| Rear suspension .....                                           | <a href="#">RSU-5</a>                                                        |
| Rear window .....                                               | <a href="#">GW-14</a>                                                        |
| Rear window defogger .....                                      | <a href="#">GW-86</a>                                                        |
| Refrigerant connection precaution .....                         | <a href="#">ATC-7</a>                                                        |
| Refrigerant discharging evacuating charging .....               | <a href="#">ATC-141</a>                                                      |
| Refrigerant general precaution .....                            | <a href="#">ATC-6</a>                                                        |
| Refrigerant lines .....                                         | <a href="#">ATC-141</a>                                                      |
| Refrigerant pressure sensor .....                               | <a href="#">EC-690</a> , <a href="#">ATC-92</a> ,<br><a href="#">ATC-156</a> |
| Refrigeration cycle .....                                       | <a href="#">ATC-20</a>                                                       |
| Release bearing (clutch) .....                                  | <a href="#">CL-13</a>                                                        |
| Removal and installation (A/T) .....                            | <a href="#">AT-275</a>                                                       |
| Removal and installation (Transfer) .....                       | <a href="#">TF-49</a>                                                        |
| Reverse lamp switch (M/T) - See Back-up lamp switch (M/T) ..... | <a href="#">MT-11</a>                                                        |
| Revolution sensor (A/T) .....                                   | <a href="#">AT-122</a>                                                       |
| Rocker cover .....                                              | <a href="#">EM-53</a>                                                        |
| Room lamp - See Interior lamp .....                             | <a href="#">LT-168</a>                                                       |
| ROOM/L - Wiring diagram .....                                   | <a href="#">LT-175</a>                                                       |
| RP/SEN - Wiring diagram .....                                   | <a href="#">EC-691</a>                                                       |

## S

|                                       |                                                 |
|---------------------------------------|-------------------------------------------------|
| SAE J1979 - Service \$01 - 09 .....   | <a href="#">EC-47</a>                           |
| Seal - See Exterior .....             | <a href="#">EI-26</a>                           |
| SEAT - Wiring diagram .....           | <a href="#">SE-79</a>                           |
| Seat belt inspection .....            | <a href="#">SB-5</a>                            |
| Seat belt, front .....                | <a href="#">SB-3</a>                            |
| Seat belt, rear .....                 | <a href="#">SB-4</a>                            |
| Seat, front .....                     | <a href="#">SE-90</a>                           |
| Seat, rear .....                      | <a href="#">SE-98</a>                           |
| Self-diagnosis (Transfer) .....       | <a href="#">TF-22</a>                           |
| Self-diagnostic results .....         | <a href="#">EC-66</a>                           |
| SEN/PW - Wiring diagram .....         | <a href="#">EC-505</a>                          |
| SHIFT - Wiring diagram .....          | <a href="#">AT-241</a>                          |
| Shift lock system .....               | <a href="#">AT-240</a>                          |
| Shift schedule .....                  | <a href="#">AT-352</a>                          |
| Shock absorber (front) .....          | <a href="#">FSU-10</a> , <a href="#">FSU-27</a> |
| Shock absorber (rear) .....           | <a href="#">RSU-9</a>                           |
| Side air bag (satellite) sensor ..... | <a href="#">SRS-47</a>                          |
| Side curtain air bag .....            | <a href="#">SRS-44</a>                          |

## ALPHABETICAL INDEX

|                                                      |                                                   |                                                        |                                                 |
|------------------------------------------------------|---------------------------------------------------|--------------------------------------------------------|-------------------------------------------------|
| Side trim .....                                      | <a href="#">EI-39</a>                             | TLID - Wiring diagram .....                            | <a href="#">BL-183</a> , <a href="#">BL-184</a> |
| SMJ (super multiple junction) .....                  | <a href="#">PG-72</a>                             | Top tether strap child restraint .....                 | <a href="#">SB-9</a>                            |
| SNOW MODE SW .....                                   | <a href="#">EC-714</a>                            | Torque converter installation .....                    | <a href="#">AT-278</a> , <a href="#">AT-279</a> |
| SNOWSW - Wiring diagram .....                        | <a href="#">EC-715</a>                            | Torque convertor clutch solenoid valve .....           | <a href="#">AT-129</a> , <a href="#">AT-131</a> |
| Spark plug .....                                     | <a href="#">EM-45</a>                             | TPS1 - Wiring diagram .....                            | <a href="#">EC-296</a>                          |
| Spark plug replacement .....                         | <a href="#">MA-19</a>                             | TPS2 - Wiring diagram .....                            | <a href="#">EC-233</a>                          |
| Specification value .....                            | <a href="#">EC-158</a>                            | TPS3 - Wiring diagram .....                            | <a href="#">EC-651</a>                          |
| Speedometer .....                                    | <a href="#">DI-4</a>                              | Transfer control unit inspection table .....           | <a href="#">TF-20</a>                           |
| Spiral cable .....                                   | <a href="#">SRS-41</a>                            | Transverse link (front) .....                          | <a href="#">FSU-12</a> , <a href="#">FSU-29</a> |
| Spot lamp .....                                      | <a href="#">LT-191</a>                            | TRNSCV - Wiring diagram .....                          | <a href="#">BL-249</a>                          |
| SROOF - Wiring diagram .....                         | <a href="#">RF-13</a>                             | Trouble diagnoses .....                                | <a href="#">GI-11</a>                           |
| SRS - See Supplemental Restraint System .....        | <a href="#">SRS-5</a>                             | Trunk lid .....                                        | <a href="#">BL-176</a>                          |
| SRS - Wiring diagram .....                           | <a href="#">SRS-12</a>                            | Trunk lid opener - See Trunk lid .....                 | <a href="#">BL-181</a>                          |
| SRS Trouble diagnoses .....                          | <a href="#">SRS-8</a>                             | Trunk lid trim .....                                   | <a href="#">EI-47</a>                           |
| Stabilizer bar (rear) .....                          | <a href="#">RSU-16</a>                            | Trunk room trim .....                                  | <a href="#">EI-47</a>                           |
| Stall test (A/T) .....                               | <a href="#">AT-51</a>                             | Turbine revolution sensor .....                        | <a href="#">AT-145</a>                          |
| Standardized relay .....                             | <a href="#">PG-74</a>                             | TURN - Wiring diagram .....                            | <a href="#">LT-116</a>                          |
| START - Wiring diagram .....                         | <a href="#">SC-11</a>                             | Turn signal lamp .....                                 | <a href="#">LT-112</a>                          |
| Starter .....                                        | <a href="#">SC-9</a>                              | Two trip detection logic .....                         | <a href="#">EC-47</a>                           |
| Starting system .....                                | <a href="#">SC-9</a>                              | Tyre pressure monitoring system - trouble diagnoses .. | <a href="#">WT-10</a>                           |
| Steering gear and linkage inspection .....           | <a href="#">MA-29</a>                             | Tyre pressure monitoring system - wiring diagram ..... | <a href="#">WT-10</a>                           |
| Steering linkage .....                               | <a href="#">PS-20</a>                             |                                                        |                                                 |
| Steering wheel and column .....                      | <a href="#">PS-9</a> , <a href="#">PS-14</a>      |                                                        |                                                 |
| Steering wheel play .....                            | <a href="#">PS-9</a>                              |                                                        |                                                 |
| Steering wheel turning force .....                   | <a href="#">PS-9</a>                              |                                                        |                                                 |
| Step lamp .....                                      | <a href="#">LT-138</a>                            |                                                        |                                                 |
| Stop lamp .....                                      | <a href="#">LT-136</a>                            |                                                        |                                                 |
| Stop lamp switch .....                               | <a href="#">EC-630</a>                            |                                                        |                                                 |
| STOP/L - Wiring diagram .....                        | <a href="#">LT-136</a>                            |                                                        |                                                 |
| Sun roof, electric .....                             | <a href="#">RF-10</a>                             |                                                        |                                                 |
| Sunload sensor .....                                 | <a href="#">ATC-112</a> , <a href="#">ATC-123</a> |                                                        |                                                 |
| Sunroof .....                                        | <a href="#">RF-10</a>                             |                                                        |                                                 |
| Supplemental Restraint System .....                  | <a href="#">SRS-5</a>                             |                                                        |                                                 |
| Supplemental restraint system - Wiring diagram ..... | <a href="#">SRS-12</a>                            |                                                        |                                                 |
| Suspension .....                                     | <a href="#">MA-30</a>                             |                                                        |                                                 |
| Symbols and abbreviations .....                      | <a href="#">GI-10</a> , <a href="#">GI-23</a>     |                                                        |                                                 |
| Symptom matrix chart .....                           | <a href="#">EC-105</a>                            |                                                        |                                                 |
| System readiness test (SRT) code .....               | <a href="#">EC-53</a>                             |                                                        |                                                 |

**T**

|                                               |                                                                                                                               |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Tachometer .....                              | <a href="#">DI-4</a>                                                                                                          |
| TCM circuit diagram .....                     | <a href="#">AT-50</a>                                                                                                         |
| TCM inspection table .....                    | <a href="#">AT-91</a>                                                                                                         |
| Three way catalyst .....                      | <a href="#">EM-27</a>                                                                                                         |
| Three way catalyst function (Bank 1) .....    | <a href="#">EC-332</a>                                                                                                        |
| Three way catalyst function (Bank 2) .....    | <a href="#">EC-332</a>                                                                                                        |
| Three way catalyst precautions .....          | <a href="#">GI-6</a>                                                                                                          |
| Throttle body .....                           | <a href="#">EM-24</a>                                                                                                         |
| Throttle control motor .....                  | <a href="#">EC-458</a>                                                                                                        |
| Throttle control motor relay .....            | <a href="#">EC-453</a>                                                                                                        |
| Throttle position sensor (TPS) .....          | <a href="#">EC-231</a> , <a href="#">EC-294</a> ,<br><a href="#">EC-500</a> , <a href="#">EC-502</a> , <a href="#">EC-649</a> |
| Throttle valve closed position learning ..... | <a href="#">EC-91</a>                                                                                                         |
| Throwout bearing - See Clutch release bearing | <a href="#">CL-13</a>                                                                                                         |
| Tie-rod .....                                 | <a href="#">PS-20</a>                                                                                                         |
| Timing chain .....                            | <a href="#">EM-68</a>                                                                                                         |
| Tire rotation .....                           | <a href="#">MA-27</a>                                                                                                         |

## U

Upper link (front susp.) ..... [FSU-13](#), [FSU-30](#)

**V**

|                                               |                                                 |
|-----------------------------------------------|-------------------------------------------------|
| Vacuum hose (brake system) .....              | <a href="#">BR-23</a>                           |
| Vacuum hose drawing (Engine control) .....    | <a href="#">EC-121</a>                          |
| Valve clearance .....                         | <a href="#">EM-120</a>                          |
| Valve guide .....                             | <a href="#">EM-135</a>                          |
| Valve lifter .....                            | <a href="#">EM-113</a>                          |
| Valve seat .....                              | <a href="#">EM-137</a>                          |
| Valve spring .....                            | <a href="#">EM-138</a>                          |
| Vanity mirror lamp .....                      | <a href="#">LT-160</a>                          |
| VDC -Wiring diagram .....                     | <a href="#">BRC-15</a>                          |
| Vehicle security (theft warning) system ..... | <a href="#">BL-199</a>                          |
| Vehicle speed sensor (VSS) .....              | <a href="#">EC-405</a>                          |
| VEHSEC - Wiring diagram .....                 | <a href="#">BL-205</a>                          |
| VENT/V - Wiring diagram .....                 | <a href="#">EC-360</a> , <a href="#">EC-591</a> |
| VIN registration .....                        | <a href="#">EC-90</a>                           |

**W**

|                               |                                                |
|-------------------------------|------------------------------------------------|
| W/ANT - Wiring diagram .....  | <a href="#">AV-31</a>                          |
| WARN - Wiring diagram .....   | <a href="#">DI-29</a>                          |
| Warning chime .....           | <a href="#">DI-41</a>                          |
| Warning lamps .....           | <a href="#">DI-28</a>                          |
| Washer, front .....           | <a href="#">WW-4</a>                           |
| Water pump .....              | <a href="#">CO-23</a>                          |
| Water temperature gauge ..... | <a href="#">DI-4</a>                           |
| Wheel alignment (front) ..... | <a href="#">FSU-7</a> , <a href="#">FSU-24</a> |
| Wheel alignment (rear) .....  | <a href="#">RSU-5</a>                          |
| Wheel balance .....           | <a href="#">WT-5</a> , <a href="#">MA-26</a>   |
| Wheel bearing (front) .....   | <a href="#">FAX-4</a>                          |
| Wheel bearing (rear) .....    | <a href="#">RAX-6</a>                          |

## ALPHABETICAL INDEX

---

|                                       |                                                |
|---------------------------------------|------------------------------------------------|
| Wheel hub (front) .....               | <a href="#">FAX-4</a> , <a href="#">FAX-12</a> |
| Wheel hub (rear) .....                | <a href="#">RAX-6</a>                          |
| Wheel sensor (VDC) .....              | <a href="#">BRC-66</a>                         |
| WINDOW - Wiring diagram .....         | <a href="#">GW-25</a>                          |
| Window antenna .....                  | <a href="#">AV-30</a>                          |
| Window, door .....                    | <a href="#">GW-76</a> , <a href="#">GW-80</a>  |
| Window, rear .....                    | <a href="#">GW-14</a>                          |
| Windshield .....                      | <a href="#">GW-12</a>                          |
| WIPER - Wiring diagram .....          | <a href="#">WW-11</a>                          |
| Wiper, front .....                    | <a href="#">WW-4</a>                           |
| Wiring Diagram (Cell code) list ..... | <a href="#">PG-62</a>                          |
| Wiring diagrams .....                 | <a href="#">GI-15</a>                          |
| Withdrawal lever (clutch) .....       | <a href="#">CL-13</a>                          |
| WT-T/WARN - Wiring diagram .....      | <a href="#">WT-10</a>                          |