

## ALPHABETICAL INDEX

### A

ABS (anti-lock brake system)..... BR-38  
 ABS actuator ..... BR-42  
 ABS circuit diagram..... BR-67  
 ABS component parts and connector  
     locations..... BR-64  
 ABS control unit..... BR-41  
 ABS hydraulic circuit..... BR-38  
 ABS self-diagnosis..... BR-56  
 ABS symptom chart..... BR-57  
 ABS system components..... BR-39  
 ABS trouble diagnoses..... BR-52  
 ABS wheel sensors..... BR-40  
 ABS wiring diagram ..... BR-45  
 A/C air flow ..... HA-12  
 A/C circuit diagram..... HA-34  
 A/C component layout ..... HA-11  
 A/C compressor clutch removal and  
     installation ..... HA-77  
 A/C compressor mounting..... HA-75  
 A/C compressor precaution ..... HA-5  
 A/C compressor special service tool ..... HA-5  
 A/C control linkage adjustment..... HA-64  
 A/C control operation ..... HA-13  
 A/C diagnostic work flow..... HA-15  
 A/C harness layout ..... HA-31  
 A/C HFC134a (R134a) system  
     precaution..... HA-3  
 A/C HFC134a (R134a) system service  
     procedure ..... HA-66  
 A/C HFC134a (R134a) system service  
     tools ..... HA-6  
 A/C HFC134a system service equip-  
     ment precaution ..... HA-8  
 A/C lubricant (R134a)..... HA-68  
 A/C operational check ..... HA-16  
 A/C performance chart..... HA-26  
 A/C performance test diagnoses ..... HA-24  
 A/C relay ..... HA-64  
 A/C service data specification ..... HA-84  
 A/C switch ..... HA-63  
 A/C symptom chart..... HA-18  
 A/C trouble diagnoses..... HA-14  
 A/C wiring diagram..... HA-38  
 Accel drum unit (SR engine)..... EM-84  
 Air bag..... RS-8  
 Air bag disposal..... RS-19  
 Air bag module..... RS-14  
 Air bag precautions ..... GI-2  
 Air bag removal and installation..... RS-12  
 Air bleeding for brake system ..... BR-5  
 Air cleaner filter replacement  
     (CD engine)..... MA-41  
 Air cleaner filter replacement  
     (GA engine)..... MA-23

Air cleaner filter replacement  
     (SR engine) ..... MA-33  
 Air conditioner cut control  
     (CD engine) ..... EC-413  
 Air conditioner cut control  
     (GA engine)..... EC-28  
 Air conditioner cut control  
     (SR engine) ..... EC-236  
 Air flow meter - See Mass air flow  
     sensor (GA engine) ..... EC-101  
 Air flow meter - See Mass air flow  
     sensor (SR engine)..... EC-293  
 Air spoiler, front - See Front air  
     spoiler ..... BT-28  
 Air spoiler, rear - See Rear air  
     spoiler ..... BT-28  
 Alternator ..... EL-55  
 Angular tightening application..... EM-3  
 Antenna ..... EL-237  
 Anti-freeze coolant mixture ratio..... MA-16  
 AT removal and installation..... AT-39  
 AT trouble diagnoses..... AT-17  
 Audio ..... EL-237  
 Audio and A/C control removal and  
     installation - See Instrument panel ..... BT-13  
 Automatic transaxle number ..... GI-38  
 Automatic transmission fluid  
     replacement ..... MA-47  
 Auxiliary air control (AAC)  
     (GA engine)..... EC-150  
 Auxiliary air control (AAC)  
     (SR engine) ..... EC-335

### B

Back door ..... BT-7  
 Back door opener - See Back door ..... BT-7  
 Back door trim..... BT-27  
 Back door window..... BT-44  
 Back-up lamp..... EL-94  
 Back-up lamp switch (MT) -See  
     reverse lamp switch ..... MT-6  
 Ball joint front axle..... FA-27  
 Battery..... EL-25  
 Baulk ring (MT) (RS5F30A &  
     RS5F31A) ..... MT-11  
 Baulk ring (MT) (RS5F32) ..... MT-34  
 Belt inspection (drive belt)  
     (CD engine) ..... MA-38  
 Belt inspection (drive belt)  
     (GA engine)..... MA-17  
 Belt inspection (drive belt)  
     (SR engine) ..... MA-28  
 Blower motor..... HA-62  
 Blower resistor..... HA-63  
 Board-on lift..... GI-40  
 Body alignment ..... BT-47

## ALPHABETICAL INDEX

|                                                 |       |
|-------------------------------------------------|-------|
| Brake booster.....                              | BR-15 |
| Brake control valve (Proportioning valve) ..... | BR-9  |
| Brake fluid change.....                         | BR-5  |
| Brake fluid level .....                         | MA-47 |
| Brake fluid level and line check .....          | BR-5  |
| Brake hydraulic line .....                      | BR-7  |
| Brake inspection.....                           | MA-47 |
| Brake lines and cables inspection .....         | MA-47 |
| Brake lining temporary checking .....           | MA-49 |
| Brake master cylinder .....                     | BR-12 |
| Brake pedal .....                               | BR-11 |
| Bumper, front - See Front bumper.....           | BT-5  |
| Bumper, rear - See Rear bumper.....             | BT-7  |

### C

|                                                                         |        |
|-------------------------------------------------------------------------|--------|
| Camshaft inspection (CD engine) .....                                   | EM-134 |
| Camshaft inspection (GA engine) .....                                   | EM-34  |
| Camshaft inspection (SR engine) .....                                   | EM-88  |
| Camshaft position sensor (CMPS) (SR engine) .....                       | EC-289 |
| Camshaft position sensor inspection (GA engine).....                    | EC-100 |
| Camshaft position sensor inspection (SR engine) .....                   | EC-292 |
| Charging system.....                                                    | EL-52  |
| Chassis and body maintenance .....                                      | MA-45  |
| Cigarette lighter.....                                                  | EL-226 |
| Circuit breaker .....                                                   | EL-19  |
| Clearance lamp .....                                                    | EL-82  |
| Clock.....                                                              | EL-226 |
| Clutch cable.....                                                       | CL-5   |
| Clutch cover.....                                                       | CL-11  |
| Clutch damper .....                                                     | CL-8   |
| Clutch disc .....                                                       | CL-11  |
| Clutch fluid level.....                                                 | MA-45  |
| Clutch master cylinder.....                                             | CL-6   |
| Clutch operating cylinder.....                                          | CL-7   |
| Clutch pedal.....                                                       | CL-5   |
| Clutch pedal free play.....                                             | CL-5   |
| Clutch pedal height.....                                                | CL-5   |
| Clutch release bearing .....                                            | CL-9   |
| Clutch withdrawal lever .....                                           | CL-9   |
| Coil spring (front) .....                                               | FA-25  |
| Coil spring (rear) .....                                                | RA-9   |
| Combination lamp, front, removal and installation .....                 | BT-5   |
| Combination lamp, rear, removal and installation.....                   | BT-28  |
| Combination meter .....                                                 | EL-127 |
| Combination meter removal and installation - See Instrument panel ..... | BT-13  |
| Combination switch .....                                                | EL-62  |
| Compression pressure (CD engine) .....                                  | EM-115 |
| Compression pressure (GA engine).....                                   | EM-15  |
| Compression pressure (SR engine) .....                                  | EM-62  |

|                                                                                            |        |
|--------------------------------------------------------------------------------------------|--------|
| Compressor clutch removal and installation .....                                           | HA-77  |
| Compressor mounting .....                                                                  | HA-75  |
| Compressor precaution .....                                                                | HA-5   |
| Compressor special service tool .....                                                      | HA-5   |
| Connecting rod (SR engine).....                                                            | EM-103 |
| Connecting rod bearing clearance (CD engine) .....                                         | EM-147 |
| Connecting rod bearing clearance (GA engine) .....                                         | EM-53  |
| Connecting rod bearing clearance (SR engine).....                                          | EM-107 |
| Connecting rod bushing clearance (CD engine) .....                                         | EM-148 |
| Connecting rod bushing clearance (GA engine) .....                                         | EM-54  |
| Connecting rod bushing clearance (SR engine).....                                          | EM-108 |
| Console box - See Instrument panel.....                                                    | BT-13  |
| CONSULT for ABS.....                                                                       | BR-58  |
| CONSULT for ECCS (GA engine) .....                                                         | EC-48  |
| CONSULT for ECCS (SR engine).....                                                          | EC-254 |
| CONSULT general information.....                                                           | GI-32  |
| Control lever (MT) .....                                                                   | MT-9   |
| Control valve (AT) .....                                                                   | AT-74  |
| Converter housing installation .....                                                       | AT-40  |
| Coolant replacement (CD engine) .....                                                      | MA-38  |
| Coolant replacement (GA engine).....                                                       | MA-19  |
| Coolant replacement(SR engine) .....                                                       | MA-29  |
| Cooling circuit (CD engine) .....                                                          | LC-31  |
| Cooling circuit (GA engine) .....                                                          | LC-9   |
| Cooling circuit (SR engine).....                                                           | LC-21  |
| Cooling fan control (CD engine).....                                                       | EC-404 |
| Cooling fan control (SR engine) .....                                                      | EC-343 |
| Cooling fan motor inspection (CD engine).....                                              | EC-412 |
| Cooling fan motor inspection (GA engine).....                                              | EC-167 |
| Cooling fan motor inspection (SR engine) .....                                             | EC-353 |
| Cooling fan relay inspection (CD engine).....                                              | EC-412 |
| Cooling fan relay inspection (GA engine).....                                              | EC-167 |
| Cooling fan relay inspection (SR engine) .....                                             | EC-353 |
| Coupling sleeve (MT) (RS5F30A & RS5F31A) .....                                             | MT-11  |
| Coupling sleeve (MT) (RS5F32) .....                                                        | MT-34  |
| Crank angle sensor built into distributor - See Camshaft position sensor (GA engine) ..... | EC-94  |
| Crank angle sensor built into distributor - See Camshaft position sensor (SR engine).....  | EC-289 |
| Crankcase ventilation system - See positive crankcase ventilation (CD engine) .....        | EC-382 |

## ALPHABETICAL INDEX

Crankcase ventilation system - See  
positive crankcase ventilation  
(GA engine)..... EC-31

Crankcase ventilation system - See  
positive crankcase ventilation  
(SR engine)..... EC-240

Crankshaft assembly (CD engine)..... EM-152

Crankshaft assembly (GA engine)..... EM-56

Crankshaft assembly (SR engine)..... EM-110

Crankshaft bearing clearance  
(CD engine)..... EM-146

Crankshaft bearing clearance  
(GA engine)..... EM-52

Crankshaft bearing clearance  
(SR engine)..... EM-106

Crankshaft inspection (CD engine)..... EM-149

Crankshaft inspection (GA engine)..... EM-52

Crankshaft inspection (SR engine)..... EM-105

Cylinder block (CD engine)..... EM-143

Cylinder block (GA engine)..... EM-47

Cylinder block (SR engine)..... EM-101

Cylinder block boring (SR engine)..... EM-105

Cylinder head (CD engine)..... EM-128

Cylinder head (GA engine)..... EM-32

Cylinder head (SR engine)..... EM-85

Cylinder head bolt tightening  
(SR engine)..... EM-76

### D

Daytime light system..... EL-68

Daytime running light..... EL-68

Detonation sensor - See Knock sen-  
sor (GA engine)..... EC-119

Detonation sensor - See Knock sen-  
sor (SR engine)..... EC-306

Diagnostic trouble code (DTC) chart  
(GA engine)..... EC-62

Diagnostic trouble code (DTC) chart  
(SR engine)..... EC-226, 268

Differential gear (FF AT) (Except  
Model 34 x 81)..... AT-131

Differential gear (FF AT)  
(Model 34 x 81)..... AT-135

Differential gear (FF MT) (RS5F30A &  
RS5F31A)..... MT-11

Differential gear (FF MT) (RS5F32)..... MT-34

Dimensions..... GI-39

Distributor (GA engine)..... EC-27

Distributor (SR engine)..... EC-235

Distributor ignition (DI) system  
(GA engine)..... EC-27

Distributor ignition (DI) system  
(SR engine)..... EC-235

Door glass..... BT-11

Door lock..... BT-11

Door mirror..... BT-46

Door trim..... BT-22

Door, front - See Front door..... BT-11

Door, rear - See Rear door..... BT-12

Drive plate runout (GA engine)..... EM-55

Drive plate runout (SR engine)..... EM-109

Drive shaft (front)..... FA-12

Dual pressure switch..... HA-64

### E

ECCS basic inspection (GA engine)..... EC-65

ECCS basic inspection (SR engine)..... EC-271

ECCS circuit diagram (GA engine)..... EC-11

ECCS circuit diagram (SR engine)..... EC-226

ECCS component parts location  
(GA engine)..... EC-19

ECCS component parts location  
(SR engine)..... EC-228

ECCS fail-safe system (GA engine)..... EC-64

ECCS fail-safe system (SR engine)..... EC-270

ECCS on board diagnostic system  
(GA engine)..... EC-44

ECCS on board diagnostic system  
(SR engine)..... EC-250

ECCS symptom matrix chart  
(GA engine)..... EC-71

ECCS symptom matrix chart  
(SR engine)..... EC-274

ECCS system diagram and chart  
(GA engine)..... EC-15

ECCS system diagram and chart  
(SR engine)..... EC-227

ECCS trouble diagnoses (SR engine)..... EC-264

ECM input/output signal inspection  
(SR engine)..... EC-281

EGR control (EGRC) - BPT valve  
(SR engine)..... EC-319

EGR valve & EVAP canister purge  
control solenoid valve inspection  
(SR engine)..... EC-323

EGR valve inspection (SR engine)..... EC-323

EGRC - BPT valve inspection  
(SR engine)..... EC-323

Electric sun roof..... EL-224

Electrical load signal circuit  
(GA engine)..... EC-211

Electrical unit..... Foldout

Electrical units location..... EL-266

Electronic ignition system (GA engine)..... EC-27

Electronic ignition system (SR engine)..... EC-235

Engine compartment..... BT-47

Engine coolant temperature sensor  
(ECTS) (CD engine)..... EC-391

Engine coolant temperature sensor  
(ECTS) (GA engine)..... EC-108

Engine coolant temperature sensor  
(ECTS) (SR engine)..... EC-297

## ALPHABETICAL INDEX

|                                                               |        |                                                                    |        |
|---------------------------------------------------------------|--------|--------------------------------------------------------------------|--------|
| Engine coolant temperature sensor inspection(CD engine) ..... | EC-398 | Final drive (FF AT) (Except Model 34 x 81) .....                   | AT-131 |
| Engine coolant temperature sensor inspection(SR engine) ..... | EC-300 | Final drive (FF AT) (Model 34 x 81) .....                          | AT-135 |
| Engine oil filter replacement (CD engine) .....               | MA-42  | Final drive (FF MT) (RS5F30A & RS5F31A) .....                      | MT-11  |
| Engine oil filter replacement (GA engine) .....               | MA-24  | Final drive (FF MT) (RS5F32) .....                                 | MT-34  |
| Engine oil filter replacement (SR engine) .....               | MA-34  | Finisher, interior - See Trim .....                                | BT-16  |
| Engine oil precautions .....                                  | GI-5   | Finisher, trunk lid - See Trunk lid finisher .....                 | BT-26  |
| Engine oil replacement (CD engine) .....                      | MA-41  | Floor trim .....                                                   | BT-16  |
| Engine oil replacement (GA engine) .....                      | MA-24  | Fluids .....                                                       | MA-14  |
| Engine oil replacement (SR engine) .....                      | MA-33  | Flywheel runout (CD engine) .....                                  | EM-154 |
| Engine outer component parts (CD engine) .....                | EM-113 | Flywheel runout (GA engine) .....                                  | EM-55  |
| Engine outer component parts (GA engine) .....                | EM-9   | Flywheel runout (SR engine) .....                                  | EM-109 |
| Engine outer component parts (SR engine) .....                | EM-59  | Fog lamp, front .....                                              | EL-96  |
| Engine removal (CD engine) .....                              | EM-140 | Fog lamp, front, removal and installation .....                    | BT-5   |
| Engine removal (GA engine) .....                              | EM-44  | Fog lamp, rear .....                                               | EL-102 |
| Engine removal (SR engine) .....                              | EM-98  | Fork rod (MT) (RS5F30A & RS5F31A) .....                            | MT-12  |
| Engine room - See Engine compartment .....                    | BT-47  | Fork rod (MT) (RS5F32) .....                                       | MT-35  |
| Engine serial number .....                                    | GI-38  | Forward clutch .....                                               | AT-102 |
| Engine speed sensor (CD engine) .....                         | EC-399 | Front air spoiler .....                                            | BT-28  |
| Engine speed sensor inspection (CD engine) .....              | EC-403 | Front axle .....                                                   | FA-8   |
| EVAP canister inspection (GA engine) .....                    | EC-29  | Front bumper .....                                                 | BT-5   |
| EVAP canister inspection (SR engine) .....                    | EC-238 | Front combination lamp removal and installation .....              | BT-5   |
| EVAP canister purge control (GA engine) .....                 | EC-29  | Front disc brake .....                                             | BR-19  |
| EVAP canister purge control (SR engine) .....                 | EC-238 | Front door .....                                                   | BT-11  |
| EVAP canister purge control solenoid valve (GA engine) .....  | EC-179 | Front fog lamp .....                                               | EL-96  |
| EVAP vapor lines inspection (GA engine) .....                 | MA-26  | Front fog lamp removal and installation .....                      | BT-5   |
| Evaporative emission (EVAP) system (GA engine) .....          | EC-29  | Front passenger air bag .....                                      | RS-16  |
| Evaporative emission (EVAP) system (SR engine) .....          | EC-238 | Front seat .....                                                   | BT-35  |
| Exhaust gas recirculation (EGR) system (SR engine) .....      | EC-319 | Front seat belt .....                                              | RS-3   |
| Exhaust gas recirculation (EGR) valve (SR engine) .....       | EC-319 | Front strut tower bar .....                                        | BT-28  |
| Exhaust system .....                                          | FE-5   | Front suspension .....                                             | FA-24  |
| Exhaust system inspection .....                               | MA-45  | Front washer .....                                                 | EL-160 |
| Exterior .....                                                | BT-28  | Front wiper .....                                                  | EL-160 |
| Exterior lamp .....                                           | EL-82  | Fuel check valve inspection (GA engine) .....                      | EC-30  |
|                                                               |        | Fuel check valve inspection (SR engine) .....                      | EC-239 |
|                                                               |        | Fuel cut control (at no load & high engine speed)(CD engine) ..... | EC-416 |
|                                                               |        | Fuel cut control (at no load & high engine speed)(GA engine) ..... | EC-28  |
|                                                               |        | Fuel cut control (at no load & high engine speed)(SR engine) ..... | EC-237 |
|                                                               |        | Fuel cut solenoid valve (CD engine) .....                          | EC-381 |
|                                                               |        | Fuel filler lid .....                                              | BT-7   |
|                                                               |        | Fuel filter replacement (GA engine) .....                          | MA-22  |
|                                                               |        | Fuel filter replacement (SR engine) .....                          | MA-32  |
|                                                               |        | Fuel gauge .....                                                   | EL-129 |
|                                                               |        | Fuel line inspection (CD engine) .....                             | MA-40  |
|                                                               |        | Fuel line inspection (GA engine) .....                             | MA-22  |
|                                                               |        | Fuel line inspection (SR engine) .....                             | MA-32  |
|                                                               |        | Fuel precautions .....                                             | GI-6   |
|                                                               |        | Fuel pressure check (GA engine) .....                              | EC-33  |

### F

Fan switch ..... HA-62

## ALPHABETICAL INDEX

Fuel pressure check (SR engine)..... EC-241  
Fuel pressure regulator (GA engine)..... EC-33  
Fuel pressure regulator (SR engine) ..... EC-242  
Fuel pressure release (GA engine) ..... EC-33  
Fuel pressure release (SR engine)..... EC-241  
Fuel pump (GA engine)..... EC-145  
Fuel pump (SR engine) ..... EC-327  
Fuel pump control (GA engine) ..... EC-145  
Fuel pump control (SR engine) ..... EC-327  
Fuel pump inspection (GA engine)..... EC-149  
Fuel pump inspection (SR engine) ..... EC-331  
Fuel pump relay inspection  
(GA engine)..... EC-149  
Fuel pump relay inspection  
(SR engine) ..... EC-331  
Fuel system..... FE-3  
Fuel tank vacuum relief valve inspection (SR engine)..... EC-239  
Fuel tank vacuum relief valve inspection (GA engine) ..... EC-30  
Fuse..... EL-19  
Fuse block..... Foldout  
Fusible link..... EL-19

### G

Garage jack and safety stand ..... GI-41  
Gauges ..... EL-127  
Gears (MT) (RS5F30A & RS5F31A)..... MT-11  
Gears (MT) (RS5F32) ..... MT-34  
Generator ..... EL-55  
Glass ..... BT-11  
Glow plug (CD engine)..... EC-397  
Glow relay (CD engine) ..... EC-397  
Governor valve assembly ..... AT-36  
Grease ..... MA-14  
Grille - See Exterior ..... BT-28  
Ground distribution..... EL-20

### H

Harness connector ..... EL-5  
Harness layout..... EL-269  
Hazard warning lamp ..... EL-107  
Headlamp ..... EL-65  
Headlamp aiming control ..... EL-77  
Headlamp leveler ..... EL-77  
Headlamp removal and installation ..... BT-5  
Headlamp washer..... EL-177  
Headlamp wiper..... EL-177  
Headlining - See Roof trim ..... BT-24  
Heated oxygen (HO2S) heater control  
(SR engine) ..... EC-362  
Heated oxygen sensor (HO2S)  
(GA engine)..... EC-189

Heated oxygen sensor (HO2S)  
(SR engine) ..... EC-362  
Heated oxygen sensor heater inspection (SR engine)..... EC-366  
Heated oxygen sensor inspection  
(GA engine)..... MA-27  
Heated oxygen sensor inspection  
(SR engine) ..... MA-37  
Heated seat ..... BT-36, EL-245  
Heater wiring diagram..... HA-36  
Height (Dimensions)..... GI-39  
HFC134a (R134a) system precaution ..... HA-3  
HFC134a (R134a) system service  
procedure ..... HA-66  
HFC134a (R134a) system service  
tools ..... HA-6  
HFC134a system service equipment  
precaution..... HA-8  
High clutch ..... AT-97  
Hood ..... BT-5  
Horn..... EL-226  
How to follow flow chart in trouble  
diagnoses..... GI-29  
How to perform efficient diagnosis  
for an electrical incident..... GI-18  
How to read wiring diagrams..... GI-9  
How to use this manual..... GI-7  
Hydraulic lash adjuster inspection  
(SR engine) ..... EM-93

### I

IACV - air regulator inspection  
(SR engine) ..... EC-334  
IACV - FICD solenoid valve inspection (GA engine) ..... EC-209  
IACV - FICD solenoid valve inspection (SR engine)..... EC-342  
IACV-AAC valve inspection  
(GA engine)..... EC-155  
IACV-AAC valve inspection  
(SR engine) ..... EC-338  
IACV-FICD solenoid valve  
(GA engine)..... EC-204  
IACV-FICD solenoid valve  
(SR engine) ..... EC-339  
Identification plate..... GI-38  
Idle air control valve (IACV)  
(GA engine)..... EC-150  
Idle air control valve (IACV) - air regulator (SR engine) ..... EC-332  
Idle mixture ratio inspection  
(GA engine)..... EC-35  
Idle mixture ratio inspection  
(SR engine) ..... EC-243  
Idle speed inspection (GA engine)..... EC-35  
Idle speed inspection (SR engine) ..... EC-243

## ALPHABETICAL INDEX

Ignition coil inspection (GA engine)..... EC-118  
Ignition coil inspection (SR engine) ..... EC-305  
Ignition timing inspection (GA engine) ..... EC-35  
Ignition timing inspection (SR engine)..... EC-243  
Ignition wire inspection (GA engine) ..... MA-26  
Ignition wire inspection (SR engine)..... MA-35  
Illumination..... EL-115  
Inhibitor switch ..... AT-30  
Injection nozzle (CD engine) ..... EC-376  
Injector inspection (GA engine)..... EC-144  
Injector inspection (SR engine) ..... EC-326  
Injector removal and installation  
(GA engine)..... EC-34  
Injector removal and installation  
(SR engine) ..... EC-242  
Input shaft (RS5F30A & RS5F31A) ..... MT-11  
Input shaft (RS5F32)..... MT-34  
Instrument panel ..... BT-13  
Intake door control linkage  
adjustment ..... HA-65  
Intake door motor ..... HA-65  
Interior ..... BT-16  
Interior lamp ..... EL-122

### J

Jacking points ..... GI-41  
Joint connector (J/C) ..... Foldout  
Junction box (J/B)..... Foldout

### K

Key-in switch (CD engine) ..... EC-391  
Key-in switch inspection (CD engine) ..... EC-398  
Knock sensor (KS) (GA engine) ..... EC-119  
Knock sensor (KS) (SR engine)..... EC-306  
Knock sensor (KS) inspection  
(GA engine)..... EC-123  
Knock sensor (KS) inspection  
(SR engine) ..... EC-308

### L

Length (Dimensions)..... GI-39  
License lamp..... EL-82  
Lifting points..... GI-42  
Line pressure test (AT) ..... AT-26  
Liquid gasket application..... EM-3  
Location of electrical units ..... EL-266  
Lock, door - See Door lock..... BT-11  
Low and reverse brake ..... AT-108  
Lubricant (R134a) A/C..... HA-68  
Lubricants ..... MA-14  
Lubrication circuit (CD engine)..... LC-26

Lubrication circuit (GA engine) ..... LC-5  
Lubrication circuit (SR engine)..... LC-17  
Lubrication-locks, hinges and hood  
latches ..... MA-51  
Luggage compartment trim ..... BT-16  
Luggage room lamp ..... EL-122

### M

Magnet clutch ..... HA-77  
Main drive gear (MT) (RS5F30A &  
RS5F31A) ..... MT-11  
Main drive gear (MT) (RS5F32)..... MT-34  
Mainshaft (MT) (RS5F30A &  
RS5F31A) ..... MT-11  
Mainshaft (MT) (RS5F32) ..... MT-34  
Maintenance (engine) ..... MA-17  
Maintenance ..... MA-1  
Maintenance general ..... MA-6  
Malfunction indicator lamp (MIL)  
(GA engine)..... EC-44  
Malfunction indicator lamp (MIL)  
(SR engine) ..... EC-250  
Manual steering gear ..... ST-14  
Manual transaxle number..... GI-38  
Manual transmission oil replacement..... MA-46  
Mass air flow sensor (MAFS)  
(GA engine)..... EC-101  
Mass air flow sensor (MAFS)  
(SR engine) ..... EC-293  
Mass air flow sensor inspection  
(SR engine) ..... EC-296  
Master cylinder (brake) ..... BR-12  
Master cylinder (clutch) ..... CL-6  
Meter and gauges..... EL-127  
MIL & Data link connectors circuit  
(GA engine)..... EC-223  
MIL & Data link connectors circuit  
(SR engine) ..... EC-370  
Mirror defogger..... EL-230  
Mirror, door - See Door mirror ..... BT-46  
Mirror, out side - See Out side mirror..... BT-46  
Mode door control linkage adjustment..... HA-64  
Model variation ..... GI-33  
Molding - See Exterior ..... BT-28  
MT overhaul ..... MT-10  
MT removal and installation ..... MT-7  
Mud guard - See Exterior ..... BT-28  
Multiport fuel injection (MFI) system  
(GA engine)..... EC-24  
Multiport fuel injection (MFI) system  
(SR engine) ..... EC-233  
Multiport fuel injection precautions ..... GI-5

## ALPHABETICAL INDEX

### N

NATS (Nissan Anti-Theft System) ..... EL-247  
 NATS V2.0 precautions (For Europe) ..... GI-3  
 Neutral position switch (MT) ..... MT-6

### O

Oil change (capacity) ..... MA-14  
 Oil cooler (CD engine) ..... LC-30  
 Oil pan (engine) (CD engine) ..... EM-118  
 Oil pan (engine) (GA engine) ..... EM-16  
 Oil pan (engine) (SR engine) ..... EM-63  
 Oil pressure (CD engine) ..... LC-27  
 Oil pressure (GA engine) ..... LC-6  
 Oil pressure (SR engine) ..... LC-17  
 Oil pressure relief valve (CD engine) ..... LC-30  
 Oil pressure relief valve (GA engine) ..... LC-7  
 Oil pump (AT) ..... AT-70  
 Oil pump (CD engine) ..... LC-27  
 Oil pump (GA engine) ..... LC-7  
 Oil pump (SR engine) ..... LC-18  
 Oil pump regulator valve (GA engine) ..... LC-7  
 Oil pump regulator valve (SR engine) ..... LC-20  
 Oil seal replacement (engine)  
   (CD engine) ..... EM-126  
 Oil seal replacement (engine)  
   (GA engine) ..... EM-30  
 Oil seal replacement (engine)  
   (SR engine) ..... EM-82  
 Operating cylinder (clutch) ..... CL-7  
 Out side mirror ..... BT-46  
 Overdrive control switch ..... AT-30  
 Overrun clutch ..... AT-102  
 Oversize piston (CD engine) ..... EM-174  
 Oversize piston (SR engine) ..... EM-104  
 Oxygen sensor (O2S) (GA engine) ..... EC-194  
 Oxygen sensor inspection (GA engine) .... MA-27

### P

Park/Neutral position switch  
   (GA engine) ..... EC-173  
 Park/Neutral position switch  
   (SR engine) ..... EC-357  
 Parking brake control ..... BR-36  
 Partial load advance (PLA) control  
   (CD engine) ..... EC-399  
 PCV (positive crankcase ventilation)  
   inspection (GA engine) ..... EC-31  
 PCV (positive crankcase ventilation)  
   inspection(SR engine) ..... EC-240  
 PCV filter replacement (GA engine) ..... MA-26

Periodic maintenance (except for  
   Europe) ..... MA-7  
 Periodic maintenance (for Europe) ..... MA-10  
 Pilot bushing replacement (SR engine) ... EM-109  
 Piston assembly (GA engine) ..... EM-55  
 Piston assembly (SR engine) ..... EM-109  
 Piston pin inspection (CD engine) ..... EM-145  
 Piston pin inspection (GA engine) ..... EM-48  
 Piston pin inspection (SR engine) ..... EM-102  
 Piston ring inspection (SR engine) ..... EM-103  
 Piston to bore clearance (CD engine) ..... EM-151  
 Piston to bore clearance (GA engine) ..... EM-50  
 Piston to bore clearance (SR engine) ..... EM-104  
 Power door lock ..... EL-198  
 Power door mirror ..... EL-220  
 Power steering fluid level ..... MA-50, ST-6  
 Power steering gear ..... ST-19  
 Power steering hydraulic pressure ..... ST-8  
 Power steering oil pressure switch  
   (GA engine) ..... EC-169  
 Power steering oil pressure switch  
   (SR engine) ..... EC-354  
 Power steering oil pressure switch  
   inspection(GA engine) ..... EC-172  
 Power steering oil pressure switch  
   inspection(SR engine) ..... EC-356  
 Power steering oil pump ..... ST-29  
 Power steering system bleeding ..... ST-7  
 Power supply routing ..... EL-8  
 Power transistor & ignition coil  
   (GA engine) ..... EC-113  
 Power transistor & ignition coil  
   (SR engine) ..... EC-301  
 Power transistor inspection  
   (GA engine) ..... EC-118  
 Power transistor inspection  
   (SR engine) ..... EC-305  
 Power window ..... EL-180  
 Pre-delivery inspection ..... MA-5  
 Precautions (General) ..... GI-3  
 Pressure plate - See Clutch cover ..... CL-11  
 Pressure test (AT) ..... AT-26  
 Priming pump (CD engine) ..... EC-381

### Q

Quick-glow system (CD engine) ..... EC-390  
 Quick-glow system check (CD  
   engine) ..... EC-395

### R

Radiator (CD engine) ..... LC-35  
 Radiator (GA engine) ..... LC-16  
 Radiator (SR engine) ..... LC-25  
 Radio ..... EL-237

## ALPHABETICAL INDEX

Rear air spoiler ..... BT-28  
 Rear axle ..... RA-6  
 Rear bumper ..... BT-7  
 Rear combination lamp removal and  
 installation ..... BT-28  
 Rear disc brake ..... BR-29  
 Rear door ..... BT-12  
 Rear drum brake ..... BR-25  
 Rear fog lamp ..... EL-102  
 Rear seat ..... BT-37  
 Rear seat belt ..... RS-5  
 Rear side window ..... BT-45  
 Rear suspension ..... RA-8  
 Rear washer ..... EL-169  
 Rear window ..... BT-43  
 Rear window defogger ..... EL-230  
 Rear wiper ..... EL-169  
 Refrigerant connection precaution ..... HA-4  
 Refrigerant general precaution ..... HA-3  
 Refrigerant lines ..... HA-70  
 Refrigeration cycle ..... HA-10  
 Release bearing (clutch) ..... CL-9  
 Resistor inspection (GA engine) ..... EC-118  
 Resistor inspection (SR engine) ..... EC-305  
 Reverse clutch ..... AT-93  
 Reverse gear (MT) (RS5F30A &  
 RS5F31A) ..... MT-11  
 Reverse gear (MT) (RS5F32) ..... MT-34  
 Reverse idler shaft (MT) (RS5F30A &  
 RS5F31A) ..... MT-10  
 Reverse idler shaft (MT) (RS5F32) ..... MT-33  
 Reverse lamp switch (MT) ..... MT-6  
 Road wheel size ..... GI-39  
 Roof trim ..... BT-24  
 Room lamp ..... EL-122

### S

SAE J1930 terminology list ..... GI-45  
 Seal - See Exterior ..... BT-28  
 Seat belt inspection ..... MA-51  
 Seat belt pre-tensioner ..... RS-8  
 Seat belt pre-tensioner disposal ..... RS-19  
 Seat belt pretensioner removal and  
 installation ..... RS-13  
 Seat belt, front - See Front seat belt ..... RS-3  
 Seat belt, rear - See Rear seat belt ..... RS-5  
 Seat, front - See Front seat ..... BT-35  
 Seat, rear - See Rear seat ..... BT-37  
 Shift control (MT) (RS5F30A &  
 RS5F31A) ..... MT-12  
 Shift control (MT) (RS5F32) ..... MT-35  
 Shift fork (MT) (RS5F30A & RS5F31A) ..... MT-12  
 Shift fork (MT) (RS5F32) ..... MT-35  
 Shift schedule ..... AT-19  
 Shock absorber (front) ..... FA-25  
 Shock absorber (rear) ..... RA-9

Side trim ..... BT-16  
 Side window - See Rear side window ..... BT-45  
 SMJ (super multiple junction) ..... Foldout  
 Solenoid timer (CD engine) ..... EC-399  
 Solenoid timer inspection (CD engine) .... EC-403  
 Spark plug replacement (GA engine) ..... MA-25  
 Spark plug replacement (SR engine) ..... MA-34  
 Speedometer ..... EL-129  
 Spiral cable ..... RS-14  
 Spot lamp ..... EL-122  
 SRS - See Supplemental Restraint  
 System ..... RS-8  
 SRS Trouble diagnoses ..... RS-28  
 SRS Wiring diagram ..... RS-29  
 Stabilizer bar (front) ..... FA-26  
 Stall test (AT) ..... AT-24  
 Standardized relay ..... EL-6  
 Starter ..... EL-36  
 Starting system ..... EL-33  
 Steering gear and linkage inspection ..... MA-50  
 Steering knuckle ..... FA-8  
 Steering linkage ..... ST-14, 19  
 Steering wheel and column ..... ST-9  
 Steering wheel play ..... ST-5  
 Steering wheel turning force ..... ST-7  
 Stop lamp ..... EL-92  
 Striking rod (MT) (RS5F30A &  
 RS5F31A) ..... MT-12  
 Striking rod (MT) (RS5F32) ..... MT-35  
 Strut (front) ..... FA-25  
 Sun roof, electric ..... EL-224  
 Sunroof ..... BT-39  
 Supplemental Restraint System ..... RS-8  
 Symbols and abbreviations ..... GI-8  
 Synchronizer (MT) (RS5F30A &  
 RS5F31A) ..... MT-11  
 Synchronizer (MT) (RS5F32) ..... MT-34

### T

Tachometer ..... EL-129  
 Tail lamp ..... EL-82  
 Temperature control cable and link-  
 age adjustment ..... HA-65  
 Thermal protector ..... HA-63  
 Thermo control amp ..... HA-63  
 Thermostat (CD engine) ..... LC-34  
 Thermostat (GA engine) ..... LC-14  
 Thermostat (SR engine) ..... LC-23  
 Three way catalyst precautions ..... GI-5  
 Throttle position sensor (TPS)  
 (GA engine) ..... EC-128  
 Throttle position sensor (TPS)  
 (SR engine) ..... EC-309  
 Throttle position sensor adjustment  
 (GA engine) ..... EC-65

## ALPHABETICAL INDEX

Throttle position sensor adjustment  
(SR engine) ..... EC-271

Throttle position sensor inspection  
(GA engine) ..... EC-65, 132

Throttle position sensor inspection  
(SR engine) ..... EC-271, 313

Throwout bearing - See Clutch  
release bearing ..... CL-9

Tie-rod ball joints ..... ST-23

Tightening torque of standard bolts ..... GI-44

Timing belt (CD engine) ..... EM-120

Timing chain (GA engine) ..... EM-18

Timing chain (SR engine) ..... EM-68

Tire rotation ..... MA-50

Tire size ..... GI-39

Torque converter clutch solenoid  
valve ..... AT-30

Torque converter installation ..... AT-40

Tow truck towing ..... GI-43

Towing point ..... GI-43

Transmission case (MT) (RS5F30A &  
RS5F31A) ..... MT-10

Transmission case (MT) (RS5F32) ..... MT-33

Transverse link (front) ..... FA-27

Tread-FR&RR (Dimensions) ..... GI-39

Trim ..... BT-16

Trunk lid ..... BT-7

Trunk lid finisher ..... BT-26

Trunk lid opener - See Trunk lid ..... BT-7

Trunk lid trim ..... BT-26

Trunk room lamp ..... EL-122

Trunk room trim ..... BT-26

Turn signal lamp ..... EL-107

### U

Under body ..... BT-49

### V

Vacuum hose (brake system) ..... BR-17

Vacuum hose drawing (ECCS)  
(SR engine) ..... EC-231

Valve clearance (GA engine) ..... EM-41

Valve guide inspection (CD engine) ..... EM-130

Valve guide inspection (GA engine) ..... EM-36

Valve guide inspection (SR engine) ..... EM-90

Valve seat inspection (CD engine) ..... EM-131

Valve seat inspection (GA engine) ..... EM-38

Valve seat inspection (SR engine) ..... EM-91

Valve spring inspection (CD engine) ..... EM-133

Valve spring inspection (GA engine) ..... EM-39

Valve spring inspection (SR engine) ..... EM-92

Valve timing control (VTC)  
(GA engine) ..... EC-198

VE-type injection pump (CD engine) ..... EC-372

Vehicle identification number ..... GI-36

Vehicle speed sensor (VSS)  
(GA engine) ..... EC-133

Vehicle speed sensor (VSS)  
(SR engine) ..... EC-314

Viscosity number (SAE) ..... MA-15

### W

Warning buzzer ..... EL-152

Warning lamps ..... EL-138

Washer, front ..... EL-160

Washer, rear ..... EL-169

Water cock control rod adjustment ..... HA-64

Water pump (CD engine) ..... LC-33

Water pump (GA engine) ..... LC-13

Water pump (SR engine) ..... LC-22

Water temperature gauge ..... EL-129

Weatherstrip - See Exterior ..... BT-28

Wheel alignment (front) ..... FA-6

Wheel alignment (rear) ..... RA-5

Wheel balance ..... MA-49

Wheel bearing (front axle) ..... FA-5

Wheel bearing (rear) ..... RA-4

Wheel hub (front) ..... FA-8

Wheel hub (rear) ..... RA-6

Wheel hub and steering knuckle ..... FA-8

Wheel sensors (ABS) ..... BR-40

Wheel size ..... GI-39

Wheelbase (Dimensions) ..... GI-39

Wide open & closed throttle position  
(CTP) switch(GA engine) ..... EC-128

Wide open & closed throttle position  
(CTP) switch(SR engine) ..... EC-309

Width (Dimensions) ..... GI-39

Window, back door - See Back door  
window ..... BT-44

Window, door ..... BT-11

Window, rear - See Rear window ..... BT-43

Window, rear side - See Rear side  
window ..... BT-45

Window, side - See Rear side  
window ..... BT-45

Windshield ..... BT-43

Windshield washer ..... EL-160

Windshield wiper ..... EL-160

Wiper and washer ..... EL-160

Wiper, front ..... EL-160

Wiper, rear ..... EL-169

Withdrawal lever (clutch) ..... CL-9

Wrist pin - See Piston pin inspection  
(SR engine) ..... EM-102