

ALPHABETICAL INDEX

SECTION **IDX**

GI

MA

EM

LC

EC

FE

CL

MT

AT

FA

RA

BR

ST

RS

BT

HA

EL

IDX

ALPHABETICAL INDEX

A

ABS (anti-lock brake system) BR-24
 ABS - Wiring diagram BR-33
 Absolute pressure sensor..... EC-117
 A/C air flow..... HA-17
 A/C component layout..... HA-16
 A/C compressor clutch removal and
 installation..... HA-97
 A/C compressor description..... HA-12
 A/C compressor mounting HA-96
 A/C compressor precaution HA-6
 A/C compressor special service tool HA-6
 A/C control linkage adjustment (auto
 A/C)..... HA-74
 A/C control operation (auto A/C)..... HA-21
 A/C diagnostic work flow (auto A/C) HA-23
 A/C harness layout (auto A/C) HA-54
 A/C HFC134a (R134a) system
 precaution HA-2
 A/C HFC134a (R134a) system service
 procedure..... HA-88
 A/C HFC134a (R134a) system service
 tools HA-7
 A/C HFC134a system service equip-
 ment precaution..... HA-9
 A/C lubricant (R134a) HA-90
 A/C operational check..... HA-24
 A/C performance chart..... HA-50
 A/C performance test diagnoses HA-48
 A/C relay HA-74
 A/C self-diagnoses (auto A/C) HA-30
 A/C service data specification..... HA-101
 A/C symptom chart (auto A/C) HA-28
 A/C system description (auto A/C)..... HA-76
 A/C trouble diagnoses (auto A/C) HA-23
 A/C, A - Wiring diagram HA-57
 Accelerator control system FE-2
 Accelerator wire adjustment FE-2
 Air bag RS-8
 Air bag disposal RS-19
 Air bag precautions GI-2
 Air bleeding (hydraulic clutch) CL-6
 Air bleeding for brake system BR-4
 Air cleaner filter replacement..... MA-13
 Air conditioner cut control EC-21
 Air flow meter - See Mass air flow
 sensor EC-110
 Air mix door control linkage adjustment..... HA-74
 Air mix. door motor HA-81
 Air spoiler, rear BT-21
 Alternator EL-31
 Ambient sensor HA-78
 Angular tightening application EM-2
 Antenna..... EL-127
 Anti-lock brake system - See ABS..... BR-24
 Anti-lock brake system - Wiring
 diagram..... BR-33
 ASCD (automatic speed control device) EL-142

ASCD - Wiring diagram EL-147
 A/T - Wiring diagram AT-13
 A/T control..... EC-314
 A/T diagnosis communication line EC-422
 A/T fluid temperature sensor AT-89, 155
 A/T self-diagnoses..... AT-43
 A/T shift lock system AT-180
 A/T shift lock system - Wiring diagram AT-181
 A/T trouble diagnoses AT-54
 Audio..... EL-121
 AUDIO - Wiring diagram..... EL-123
 Audio and A/C control removal and
 installation - See Instrument panel BT-13
 Auto air conditioner - Wiring diagram HA-57
 Auto anti-dazzling inside mirror EL-140
 Automatic speed control system - See
 ASCD EL-142
 Automatic transaxle number GI-38
 Automatic transmission fluid
 replacement..... MA-18
 Auxiliary air control (AAC) valve EC-303

B

Back-up lamp EL-56
 Back-up lamp switch (M/T) MT-8
 BACK/L - Wiring diagram EL-56
 Battery..... EL-19
 Baulk ring (M/T) MT-12
 Blower motor HA-73
 Board-on lift GI-40
 Body alignment BT-42
 BPT valve EC-267
 Brake booster BR-10
 Brake control valve (Proportioning
 valve) BR-6
 Brake fluid change BR-4
 Brake fluid level MA-19
 Brake fluid level and line check BR-4
 Brake hydraulic line..... BR-5
 Brake inspection MA-19
 Brake lines and cables inspection MA-19
 Brake master cylinder BR-8
 Brake pedal..... BR-7
 Bulb specifications EL-319
 Bumper, front BT-5
 Bumper, rear BT-8
 BUZZER - Wiring diagram..... EL-89
 BYPS/V - Wiring diagram EC-399, 404

C

Camshaft inspection EM-39
 Camshaft position sensor (CMPS) EC-249
 Camshaft position sensor (PHASE)..... EC-249
 Canister-See EVAP canister EC-23
 CHARGE - Wiring diagram..... EL-29
 Charging system..... EL-28

ALPHABETICAL INDEX

Chassis and body maintenance MA-17
 CIGAR - Wiring diagram EL-110
 Cigarette lighter EL-110
 Circuit breaker EL-14
 Clock EL-111
 CLOCK - Wiring diagram EL-111
 Closed loop control EC-327
 Closed throttle position switch EC-309
 Clutch cover CL-10
 Clutch disc CL-10
 Clutch fluid level MA-17
 Clutch master cylinder CL-7
 Clutch operating cylinder CL-8
 Clutch pedal CL-5
 Clutch release bearing CL-9
 Clutch release mechanism CL-9
 Clutch withdrawal lever CL-9
 Coil spring (front) FA-22
 Coil spring (rear) RA-11
 Collision diagnosis RS-53
 Combination lamp, front, removal and
 installation BT-5
 Combination lamp, rear, removal and
 installation BT-21
 Combination meter EL-70
 Combination meter removal and instal-
 lation - See Instrument panel BT-13
 Combination switch EL-33
 COMM - Wiring diagram EL-182
 Compression pressure EM-12
 Compressor clutch removal and
 installation HA-97
 Compressor description HA-12
 Compressor mounting HA-96
 Compressor precaution HA-6
 Compressor special service tool HA-6
 Connecting rod EM-58
 Connecting rod bearing clearance EM-62
 Connecting rod bushing clearance EM-63
 Connector inspection GI-18
 Console box - See Instrument panel BT-13
 CONSULT for ABS BR-39
 CONSULT for ECCS EC-63
 CONSULT general information GI-34
 Control lever (M/T) MT-10
 Control valve (A/T) AT-218
 Converter housing installation AT-191
 Coolant mixture ratio MA-9
 Coolant replacement MA-11
 Cooling circuit (engine) LC-8
 Cooling fan control EC-430
 Cooling fan control system LC-15
 Cooling fan motor EC-442
 Cooling fan relay EC-442
 CORNER - Wiring diagram EL-61
 Cornering lamp EL-60
 Coupling sleeve (M/T) MT-12
 Crankshaft EM-60
 Crankshaft position sensor (POS) EC-243
 Crankshaft position sensor (POS)
 chipping EC-341

Crankshaft position sensor (REF) EC-336
 Cruise control - See ASCD EL-142
 Cylinder block EM-56
 Cylinder head EM-36
 Cylinder head bolt tightening EM-45

GI

MA

EM

LC

EC

FE

CL

MT

AT

FA

RA

BR

ST

RS

BT

HA

EL

IDX

D

Daytime light system EL-41
 Daytime running light - See Daytime
 light system EL-41
 DEF - Wiring diagram EL-113
 Detonation sensor - See Knock sensor EC-240
 Diagnosis sensor unit RS-12
 Differential gear (FF A/T) AT-261
 Differential gear (FF M/T) MT-12, 26
 Dimensions GI-39
 Direct ignition system EC-32
 Distributor ignition (DI) system EC-20
 D/LOCK - Wiring diagram EL-217
 Door mirror BT-41
 Door trim BT-18
 Door, front BT-11
 Door, rear BT-12
 Drive belt inspection MA-10
 Drive plate runout EM-63
 Drive shaft (front) FA-13
 Dropping resistor (A/T) AT-133
 DTRL - Wiring diagram EL-43

E

ECCS basic inspection EC-82
 ECCS circuit diagram EC-11
 ECCS component parts location EC-13
 ECCS on board diagnostic system EC-41
 ECCS system diagram and chart EC-12
 ECM input/output signal EC-95
 EGR control (EGRC) - BPT valve EC-263
 EGR control (EGRC) - solenoid valve EC-347
 EGR control valve EC-261, 362
 EGR temperature sensor EC-352
 EGR valve & EVAP canister purge con-
 trol solenoid valve EC-351
 Electric sun roof EL-135
 Electrical diagnoses GI-21
 Electrical ignition system EC-20
 Electrical load signal circuit EC-465
 Electrical unit Foldout
 Engine compartment BT-42
 Engine control module (ECM) EC-318
 Engine coolant temperature sensor
 (ECTS) EC-132, 145
 Engine mounting control (Front) EC-454
 Engine oil filter replacement MA-14
 Engine oil precautions GI-5
 Engine oil replacement MA-14
 Engine outer component parts EM-8

ALPHABETICAL INDEX

Engine removal..... EM-53
 Engine room - See Engine
 compartment..... BT-42
 Engine serial number..... GI-38
 EVAP canister..... EC-23
 EVAP canister purge control solenoid
 valve..... EC-415
 EVAP canister purge control valve..... EC-409
 EVAP canister purge volume control
 valve..... EC-282, 374
 EVAP canister vent control valve..... EC-288
 EVAP control system purge flow moni-
 toring diagnosis..... EC-386
 EVAP vapor lines inspection..... MA-16
 Evaporative emission (EVAP) system..... EC-23
 Exhaust system..... FE-4
 Exhaust system inspection..... MA-17
 Exterior..... BT-21

F

Fan control amp..... HA-86
 Fast idle cam (FIC) inspection and
 adjustment..... EC-31
 F/FOG - Wiring diagram..... EL-58
 Final drive (FF A/T)..... AT-261
 Final drive (FF M/T)..... MT-12, 26
 Floor trim..... BT-16
 Flow charts..... GI-31
 Fluid temperature sensor (A/T)..... AT-89, 155
 Fluids..... MA-8
 Flywheel (clutch)..... CL-11
 Flywheel runout..... EM-63
 FO2H-L
 - Wiring diagram..... EC-150, 157, 163, 169, 178
 Fog lamp, front..... EL-57
 Fog lamp, front, removal and
 installation..... BT-5
 Fork rod (M/T)..... MT-13
 Forward clutch..... AT-239
 Freeze frame data..... EC-43
 Front axle..... FA-9
 Front bumper..... BT-5
 Front combination lamp removal and
 installation..... BT-5
 Front disc brake..... BR-12
 Front door..... BT-11
 Front engine mounting control..... EC-454
 Front fog lamp..... EL-57
 Front fog lamp removal and installation..... BT-5
 Front heated oxygen
 sensor (HO2S)..... EC-150, 157, 163, 169, 178
 Front heated oxygen sensor (HO2S)
 (Left bank)..... EC-150, 157, 163, 169, 178
 Front heated oxygen sensor (HO2S)
 (Right bank)..... EC-150, 157, 163, 169, 178
 Front heated oxygen sensor (HO2S)
 monitor..... EC-54, 57

Front heated oxygen sensor heater
 (Left bank)..... EC-184
 Front heated oxygen sensor heater
 (Right bank)..... EC-184
 Front passenger air bag..... RS-8
 Front seat..... BT-28
 Front seat belt..... RS-3
 Front suspension..... FA-21
 Front washer..... EL-97
 Front wiper..... EL-97
 Fuel cut control (at no load & high
 engine speed)..... EC-22
 Fuel filler lid..... BT-8
 Fuel filter replacement..... MA-12
 Fuel gauge..... EL-70
 Fuel injection system (Left bank)..... EC-219, 225
 Fuel injection system (Right bank)..... EC-219
 Fuel lid opener, electric..... EL-141
 Fuel line inspection..... MA-12
 Fuel precautions..... GI-6
 Fuel pressure check..... EC-29
 Fuel pressure release..... EC-29
 Fuel pump..... EC-453
 Fuel pump control module..... EC-450
 Fuel pump relay..... EC-453
 Fuel system..... FE-3
 FUELLH - Wiring diagram..... EC-219, 225
 Fuse..... EL-14
 Fuse block..... Foldout
 Fusible link..... EL-14

G

Garage jack and safety stand..... GI-41
 Gauges..... EL-70
 Gear components (M/T)..... MT-12
 Generic scan tool (GST)..... EC-76
 Grille - See Exterior..... BT-21
 Ground distribution..... EL-15

H

Harness connector..... EL-3
 Harness connector inspection..... GI-18
 Harness layout..... EL-303
 Hazard warning lamp..... EL-50
 Headlamp..... EL-36
 Headlamp removal and installation..... BT-5
 Headlining - See Roof trim..... BT-19
 Heated oxygen sensor
 (HO2S) (front)..... EC-150, 157, 163, 169, 178
 Heated oxygen sensor (HO2S) (Front)
 (Left bank)..... EC-150, 157, 163, 169, 178
 Heated oxygen sensor (HO2S) (Front)
 (Right bank)..... EC-150, 157, 163, 178
 Heated oxygen sensor (HO2S) monitor..... EC-57
 Heated oxygen sensor heater
 (Front)(Left bank)..... EC-184

ALPHABETICAL INDEX

Heated oxygen sensor heater
(Front)(Right bank) EC-184
Heated oxygen sensor monitor (HO2S)
(front) EC-57
Heated seat BT-29, EL-138
Height (Dimensions) GI-39
HFC134a (R134a) system precaution HA-2
HFC134a (R134a) system service
procedure HA-88
HFC134a (R134a) system service tools HA-7
HFC134a system service equipment
precaution HA-9
High clutch AT-235
H/LAMP - Wiring diagram EL-37
Hood BT-5
Horn EL-109
HORN - Wiring diagram EL-109
How to erase DTC for ECCS OBD
system EC-52
H/PHON - Wiring diagram EL-132
HSEAT - Wiring diagram EL-138

I

IACV - FICD solenoid valve EC-464
IACV-AAC valve EC-308
IACV-FICD solenoid valve EC-462
Identification plate GI-38
Idle air control valve (IACV) EC-303
Idle mixture ratio EC-34
Idle speed EC-34
Ignition coil EC-335
Ignition timing EC-34
ILL - Wiring diagram EL-65
Illumination EL-63, 280
I/MIRR - Wiring diagram EL-140
In vehicle sensor HA-77
Inhibitor switch AT-82, 85
Injector EC-447
Injector removal and installation EC-30
Input shaft (FF M/T) MT-12, 17
Instrument panel BT-13
INT/L - Wiring diagram EL-69
Intake air temperature sensor EC-126
Intake door control linkage adjustment HA-75
Intake door motor HA-85
Intake manifold EM-10
Intake sensor HA-79
Integrated homelink transmitter EL-298
Interior BT-16
Interior lamp on-off control EL-284
IVMS (In-Vehicle Multiplexing System) EL-166
IVMS-System description EL-166
IVMS-Trouble diagnoses EL-185

J

Jacking points GI-41

Junction box (J/B) Foldout

K

Key illumination EL-284
Keyless entry system - See Multi-
remote control system EL-234
Knock sensor (KS) EC-240

L

Length (Dimensions) GI-39
License lamp EL-48
Lifting points GI-42
Line pressure solenoid valve AT-118, 129, 133
Line pressure test (A/T) AT-62
Liquid gasket application EM-2
Location of electrical units EL-300
Low and reverse brake AT-245
Lubricant (R134a) A/C HA-90
Lubricants MA-8
Lubrication circuit (engine) LC-4
Lubrication-locks, hinges and hood
latches MA-21

M

Magnet clutch HA-97
Main drive gear (M/T) MT-12
Mainshaft (M/T) MT-12, 22
Maintenance MA-1
Maintenance (engine) MA-10
MAJOR OVERHALL AT-193
Malfunction indicator lamp (MIL) EC-54
Manual transaxle number GI-38
Manual transmission oil replacement MA-17
MAP/BARO switch solenoid valve EC-320
Mass air flow sensor (MAFS) EC-110
Master cylinder (brake) BR-8
Master cylinder (clutch) CL-7
Meter EL-70
METER - Wiring diagram EL-73
MIL & Data link connectors circuit EC-468
MIRROR - Wiring diagram EL-139
Mirror, door BT-41
Mirror, out side BT-41
Misfire EC-235
Mode door control linkage adjustment HA-74
Mode door motor HA-83
Model variation GI-36
Molding - See Exterior BT-21
M/T major overhaul MT-11
M/T removal and installation MT-8
MULTI - Wiring diagram EL-237
Multi-remote control system EL-234
Multiport fuel injection (MFI) system EC-18

ALPHABETICAL INDEX

Multiport fuel injection precautions..... GI-4

Pressure test (A/T)..... AT-62

N

Neutral position switch (M/T) MT-8
NVH troubleshooting (BR) BR-3
NVH troubleshooting (CL) CL-3
NVH troubleshooting (FA)..... FA-4
NVH troubleshooting (M/T) MT-5
NVH troubleshooting (RA) RA-3
NVH troubleshooting (ST) ST-5

O

Oil pan (engine) EM-13
Oil pressure (engine) LC-5
Oil pump (A/T)..... AT-214
Oil pump (engine) LC-5
Oil pump regulator valve (engine) LC-7
Oil seal replacement (engine) EM-33
Operating cylinder (clutch) CL-8
Out side mirror BT-41
Overdrive control switch..... AT-178
Overrun clutch AT-239
Overrun clutch solenoid valve..... AT-118, 129, 151
Oxygen sensor monitor (O2S) (front) EC-57

P

P/ANT - Wiring diagram..... EL-128
Park/Neutral position switch..... EC-425
Parking brake control BR-22
Parking lamp..... EL-48
PCV (positive crankcase ventilation) EC-28
PGC/V - Wiring diagram EC-282
PHONE - Wiring diagram EL-134
Piston assembly..... EM-64
Piston pin inspection..... EM-57
Piston ring inspection EM-58
Piston to bore clearance..... EM-59
POWER - Wiring diagram EL-7
Power door lock..... EL-215
Power door mirror EL-139
Power seat..... EL-136
Power steering fluid level..... MA-20, ST-7
Power steering gear ST-14
Power steering hydraulic pressure ST-9
Power steering oil pressure switch..... EC-457, 461
Power steering oil pump..... ST-24
Power steering system bleeding ST-7
Power supply routing EL-6
Power transistor EC-335
Power transistor & ignition coil EC-329
Power window..... EL-200
Precautions (General) GI-2
Pressure plate - See Clutch cover CL-10

R

Radiator LC-15
Radio - See Audio EL-121
Rear air spoiler BT-21
Rear axle..... RA-7
Rear bumper..... BT-8
Rear combination lamp removal and
installation BT-21
Rear disc brake BR-16
Rear door BT-12
Rear heated oxygen sensor (HO2S)
heater EC-214
Rear seat BT-30
Rear seat belt..... RS-4
Rear suspension RA-10
Rear window BT-39
Rear window defogger..... EL-112
Refrigerant connection precaution HA-3
Refrigerant general precaution HA-2
Refrigerant lines HA-92
Release bearing (clutch) CL-9
Removal and installation (A/T)..... AT-190
Reverse clutch..... AT-232
Reverse idler shaft (M/T) MT-12
Reverse lamp switch (M/T) - See
Back-up lamp switch (M/T)..... MT-8
Reverse main gear (M/T)..... MT-12
Revolution sensor (A/T) AT-92
Road wheel size..... GI-39
Roof trim BT-19
ROOM/L - Wiring diagram EL-285
RRO2LH - Wiring diagram EC-196
RRO2RH - Wiring diagram EC-189

S

SAE J1979 - Mode 1 - 7 EC-41
Seal - See Exterior BT-21
SEAT - Wiring diagram EL-136
Seat belt inspection..... MA-21, RS-5
Seat belt, front..... RS-3
Seat belt, rear RS-4
Seat, front BT-28
Seat, rear BT-30
Self-diagnostic results EC-54
SHIFT - Wiring diagram AT-181
Shift control components (M/T)..... MT-13
Shift fork (M/T) MT-13
Shift lever MT-10
Shift schedule..... AT-284
Shift solenoid valve A
(A/T) AT-99, 109, 118, 129, 137
Shift solenoid valve B
(A/T) AT-99, 104, 118, 129, 141
Shock absorber (rear) RA-11

ALPHABETICAL INDEX

Side air bag RS-8
 Side trim BT-16
 SMJ (super multiple junction) Foldout
 Spare tire size GI-39
 Spark plug replacement MA-15
 Speedometer EL-70
 Spiral cable RS-14
 Spot lamp EL-69
 Spring (Wheelarch) height FA-6
 SROOF - Wiring diagram EL-135
 SRS - See Supplemental Restraint
 System RS-8
 SRS - Wiring diagram RS-30
 SRS Trouble diagnoses RS-25
 Stabilizer bar (front) FA-23
 Stall test (A/T) AT-59
 Standardized relay EL-4
 START - Wiring diagram EL-24
 Starter EL-26
 Starting system EL-23
 Steering gear and linkage inspection MA-20
 Steering linkage ST-14
 Steering switch EL-35
 Steering wheel and column ST-10
 Steering wheel play ST-6
 Steering wheel turning force ST-8
 Step lamp EL-292
 STEP/L - Wiring diagram EL-293
 Stop lamp EL-54
 STOP/L - Wiring diagram EL-54
 Striking rod (M/T) MT-13
 Strut (front) FA-22
 Sunload sensor HA-78
 Sunroof BT-31
 Supplemental Restraint System RS-8
 Supplemental restraint system - Wiring
 diagram RS-30
 SW/ILL - Wiring diagram EL-281
 Symbols and abbreviations GI-8
 Synchronizer (M/T) MT-12
 System readiness test (SRT) code EC-43

T

Tachometer EL-70
 Tail lamp EL-48
 TAIL/L - Wiring diagram EL-48
 Tank fuel temperature sensor EC-231
 TCM circuit diagram AT-12
 TCM inspection table AT-77
 Telephone EL-132
 THEFT - Wiring diagram EL-258
 Theft warning system EL-252
 Thermostat LC-14
 Three way catalyst EC-268
 Three way catalyst function (Left bank) EC-268
 Three way catalyst function (Right
 bank) EC-268
 Three way catalyst precautions GI-4
 Throttle bodies EM-10

Throttle position sensor (TPS) EC-137
 Throttle position switch AT-147, 179
 Throwout bearing - See Clutch release
 bearing CL-9
 Tie-rod ST-18
 Tie-rod ball joints ST-18
 Timing chain EM-19
 Tire rotation MA-19
 Tire size GI-39
 TLID - Wiring diagram EL-141
 Torque converter installation AT-191
 Torque convertor clutch
 solenoid valve AT-118, 122, 129
 Tow truck towing GI-43
 Transmission case (M/T) MT-11
 TRANSMT - Wiring diagram EL-298
 Transverse link (front) FA-24
 Tread-FR&RR (Dimensions) GI-39
 Trim BT-16
 Triple pressure switch HA-11, 73
 Trouble diagnoses GI-31
 Trunk lid BT-8
 Trunk lid opener - See Trunk lid BT-8
 Trunk lid opener, electric EL-141
 Trunk lid trim BT-20
 Trunk room lamp EL-69
 Trunk room trim BT-20
 TURN - Wiring diagram EL-51
 Turn signal lamp EL-50
 Two trip detection logic EC-41
 Two-pole lift GI-42

U

Under body BT-44

V

Vacuum cut valve EC-408
 Vacuum hose (brake system) BR-11
 Vacuum hose drawing (ECCS) EC-16
 Valve clearance EM-49
 Valve guide EM-40
 Valve seat EM-42
 Valve spring EM-43
 Vehicle identification number GI-37
 Vehicle recovery (freeing a stuck
 vehicle) GI-43
 Vehicle speed sensor (VSS) EC-299
 VENT/V - Wiring diagram EC-381, 393
 Viscosity number (SAE) MA-8
 Viscous coupling (FF M/T) MT-8, 12

W

WARN - Wiring diagram EL-83
 Warning buzzer EL-88

GI

MA

EM

LC

EC

FE

CL

MT

AT

FA

RA

BR

ST

RS

BT

HA

EL

IDX

ALPHABETICAL INDEX

Warning lamps	EL-82	Wide open & closed throttle position	
Washer, front.....	EL-97	switch.....	EC-137
Water pump	LC-9	Width (Dimensions)	GI-39
Water temperature gauge.....	EL-70	WINDOW - Wiring diagram	EL-202
Weatherstrip - See Exterior	BT-21	Window antenna	EL-129
Wheel alignment (front)	FA-7	Window, rear	BT-39
Wheel alignment (rear)	RA-6	Windshield	BT-39
Wheel balance	MA-19	WIPER - Wiring diagram	EL-99
Wheel bearing (front axle)	FA-7	Wiper, front	EL-97
Wheel bearing (rear)	RA-5	Wiring Diagram (Cell code) list.....	EL-320
Wheel hub (rear)	RA-7	Wiring diagrams	GI-9
Wheel sensors (ABS).....	BR-27	Withdrawal lever (clutch)	CL-9
Wheel size.....	GI-39	Wrist pin - See Piston pin inspection	EM-57
Wheelarch height.....	FA-6		
Wheelbase (Dimensions)	GI-39		