

SECTION **IDX**
ALPHABETICAL INDEX

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

IDX

ALPHABETICAL INDEX

Numerics

2-4WD shift solenoid valve	TF-97
4LO indicator lamp	TF-91
4WD shift indicator lamp	TF-85
4WD shift switch	TF-97
4WD solenoid valve	TF-97
4WD warning lamp	TF-13

A

A/C air flow	ATC-29 , MTC-27
A/C compressor clutch removal and installation ..	ATC-165 , MTC-141
A/C compressor mounting	ATC-164 , MTC-140
A/C compressor precaution	ATC-11 , MTC-10
A/C compressor special service tool ..	ATC-14 , MTC-13
A/C control operation (auto A/C)	ATC-26 , MTC-25
A/C diagnostic work flow (auto A/C)	ATC-118
A/C evaporator	ATC-171 , MTC-147
A/C HFC134a (R134a) system identification	ATC-7 , MTC-6
A/C HFC134a (R134a) system precaution	ATC-5 , MTC-4
A/C HFC134a (R134a) system service procedure	ATC-160 , MTC-136
A/C HFC134a (R134a) system service tools ..	ATC-14 , MTC-13
A/C HFC134a system service equipment precaution ...	ATC-11 , MTC-10
A/C lubricant (R134a)	ATC-22 , MTC-21
A/C lubrication oil	ATC-22 , MTC-21
A/C operational check	ATC-55 , ATC-58 , MTC-49 , MTC-51
A/C self-diagnoses (auto A/C)	ATC-53 , ATC-118
A/C service data specification	ATC-178 , MTC-154
A/C trouble diagnoses (auto A/C)	ATC-33 , MTC-31
A/C, A - Wiring diagram	ATC-41 , MTC-38
A/T - Wiring diagram	AT-49
A/T fluid checking	AT-12 , AT-55 , MA-21
A/T fluid cooler cleaning	AT-12
A/T fluid replacement	AT-12 , MA-23
A/T fluid temperature sensor	AT-128
A/T IND - Wiring diagram	DI-40
A/T indicator	DI-40
A/T shift lock system	AT-230
A/T trouble diagnoses	AT-40
ABS - Wiring diagram	BRC-16
ABS (anti-lock brake system)	BRC-7
Accelerator control system	ACC-2
Accelerator pedal position (APP) sensor ..	EC-534 , EC-540 , EC-554
Accelerator pedal released position learning	EC-43
AF1B1-Wiring diagram	EC-429 , EC-437 , EC-445 , EC-454 , EC-464 , EC-473 , EC-485
AF1B2-Wiring diagram	EC-431 , EC-439 , EC-447 , EC-456 , EC-466 , EC-475 , EC-487
AF1HB1-Wiring diagram	EC-353
AF1HB2-Wiring diagram	EC-355

Aiming adjustment	LT-30 , LT-73
Air bag	SRS-3
Air bag precautions	AP-2
Air cleaner and air duct	EM-14
Air cleaner filter replacement	MA-16
Air conditioner cut control	EC-29
Air flow meter - See Mass air flow sensor	EC-144 , EC-152
Air fuel ratio sensor 1 ..	EC-427 , EC-435 , EC-443 , EC-452 , EC-461 , EC-470 , EC-482
Air fuel ratio sensor 1 heater	EC-352
Air mix. door motor	ATC-66 , MTC-59
All - mode 4WD system	TF-10
Ambient sensor	ATC-123 , ATC-134
Angular tightening application	EM-3
APPS1 - Wiring diagram	EC-536
APPS2 - Wiring diagram	EC-542
APPS3 - Wiring diagram	EC-556
ASC/BS - Wiring diagram	EC-517
ASC/SW - Wiring diagram	EC-510
ASCSOF - Wiring diagram	EC-592
ASCD	EC-617
ASCD (automatic speed control device)	ACS-2
ASCIND - Wiring diagram	EC-599
ATP switch	TF-98
ATP warning lamp	TF-90
Audio	AV-6
AUDIO - Wiring diagram	AV-13
Auto air conditioner - Wiring diagram	ATC-41 , MTC-38
Auto anti-dazzling inside mirror	GW-71 , GW-72
Autolamp	LT-46
Automatic amplifier	ATC-59 , MTC-52
Automatic transmission number	GI-48
AV and NAVI control unit	AV-80
AV communication line	AV-104

B

Back door	BL-96
Back door trim	EI-27
Back sonar	DI-59
BACK/L - Wiring diagram	LT-101
Back-up lamp	LT-101
Ball joint (front)	FSU-14
Battery	SC-4
Battery/Starting/Charging System Tester	SC-6 , SC-12 , SC-19
BCM (Body control module)	BCS-3
Blower motor ...	ATC-81 , ATC-138 , MTC-70 , MTC-114
Body alignment	BL-162
Body component parts	BL-149
Body construction	BL-161
Body exterior paint color	BL-148
Body mounting	BL-147
Body repair	BL-148
Body sealing	BL-158
Bose speaker amp.	AV-8
Brake booster	BR-16
Brake fluid level	MA-29

ALPHABETICAL INDEX

Brake hydraulic line	BR-11
Brake inspection	MA-30
Brake lines and cables inspection	MA-29
Brake master cylinder	BR-14
Brake switch	EC-529
BRK/SW - Wiring diagram	EC-530
Bulb specifications	LT-162
Bumper, front	EI-13
Bumper, rear	EI-15

C

Camshaft	EM-43
Camshaft inspection	EM-46
Camshaft position sensor (PHASE)	EC-259
CAN - Wiring diagram EC-134 , LAN-17 , LAN-45 , LAN-75 , LAN-109 , LAN-138 , LAN-170	
CAN (Controller Area Network) RSU-6 , WT-9 , BRC-10 , SE-16 , LAN-15 , LAN-43 , LAN-73 , LAN-107 , LAN-136 , LAN-168	
CAN communication EC-30 , EC-133 , AT-100 , RSU-6 , WT-9 , BRC-10 , SE-16 , LAN-15 , LAN-43 , LAN-73 , LAN-107 , LAN-136 , LAN-168	
Canister-See EVAP canister	EC-606
Center case (Transfer)	TF-115
CHARGE - Wiring diagram	SC-18
Charging system	SC-17
Chassis and body maintenance	MA-20
Chassis and body maintenanceSchedule 1	MA-8
Chassis and body maintenanceSchedule 2	MA-10
CHIME - Wiring diagram	DI-45
Circuit breaker	PG-65
Closed loop control	EC-26
Closed loop control (Bank 1)	EC-405
Closed loop control (Bank 2)	EC-405
Clutch drum (Transfer)	TF-118
Clutch force release limit adjustment	TF-41
Clutch pressure switch (Transfer)	TF-97
Coil spring (front)	FSU-9
Collision diagnosis	SRS-59
Combination lamp, front, removal and installation .	LT-32
Combination lamp, rear, removal and installation ..	LT-117
Combination meter	DI-5
Combination switch	LT-92
COMBSW - Wiring diagram	LT-92
COMM - Wiring diagram	AV-104
COMPAS - Wiring diagram	DI-27
Compass	DI-26
Component Location (auto A/C)	ATC-37 , MTC-34
Compressor clutch removal and installation ATC-165 , MTC-141	
Compressor mounting	ATC-164 , MTC-140
Compressor precaution	ATC-11 , MTC-10
Compressor special service tool	ATC-14 , MTC-13
Condenser	ATC-169 , MTC-145
Connecting rod	EM-92
Connecting rod bearing clearance	EM-92

Connecting rod bushing clearance	EM-92
Console box - See Instrument panel	IP-10
CONSULT for all-mode 4WD	TF-30
CONSULT for VDC	BRC-28
Control units (terminal arrangement)	PG-69
Control valve (A/T)	AT-34
Control valve (Transfer)	TF-121
Controller Area Network (CAN) RSU-6 , WT-9 , BRC-10 , SE-16 , LAN-15 , LAN-43 , LAN-73 , LAN-107 , LAN-136 , LAN-168	
Converter housing installation	AT-254 , AT-257
COOL/F - Wiring diagram	EC-411
Coolant mixture ratio	MA-12
Coolant replacement	MA-13
Cooling circuit (engine)	CO-7
Cooling fan	CO-13
Cooling fan motor	EC-417
Cooling unit (A/C evaporator)	ATC-142 , ATC-171 , MTC-118 , MTC-147
Corrosion protection	BL-155
Crankcase ventilation system - See Positive crankcase ventilation	EC-615
Crankshaft	EM-75
Crankshaft position sensor (POS)	EC-253
Crash zone sensor	SRS-54
CVT shift lock system - Wiring diagram	AT-231
Cylinder block boring	EM-95

D

D/LOCK - Wiring diagram	BL-20
Daytime light system	LT-33
Daytime running light - See Daytime light system ..	LT-33
Diagnosis sensor unit	SRS-57
Diagnostic trouble code (DTC) for OBD system ..	EC-8
Differential carrier assembly	RFD-12
Differential carrier disassembly	RFD-14
Differential gear oil replacement	MA-26
Dimensions	GI-49
Direct clutch solenoid valve	AT-154 , AT-157
Display and amp. assembly	ATC-59 , MTC-52
Display Control Unit	AV-175
Dome light - See Interior lamp	LT-124
Door glass	GW-63 , GW-66
Door lock	BL-119
Door mirror lamp	LT-124
Door trim	EI-27
Door, front	BL-116 , GW-63
Door, rear	BL-116 , GW-66
Drive belt	EM-12
Drive chain (Transfer)	TF-117
Drive pinion diff. inspection	RFD-13
Drive pinion height	RFD-18
Drive shaft (rear)	RAX-7
Driver air bag	SRS-44
DTRL - Wiring diagram	LT-36
Duct and grilles	ATC-155 , MTC-131
DVD Player	AV-76

ALPHABETICAL INDEX

E

ECM power supply [EC-126](#), [EC-359](#)
 ECM/PW - Wiring diagram [EC-360](#)
 ECTS - Wiring diagram [EC-165](#)
 Electric sunroof [RF-10](#)
 Electric throttle control actuator [EC-363](#), [EC-365](#)
 Electrical load signal circuit [EC-590](#)
 Electrical units location [PG-62](#)
 Electronic ignition (EI) system [EC-27](#)
 Engine control module (ECM) [EC-349](#)
 Engine control system diagram and chart [EC-22](#)
 Engine coolant [CO-9](#)
 Engine coolant temperature sensor (ECTS) .. [EC-163](#),
[EC-176](#)
 Engine oil [LU-7](#)
 Engine oil filter replacement [MA-17](#)
 Engine oil precautions [GI-6](#)
 Engine oil replacement [MA-17](#)
 Engine removal [EM-70](#)
 Engine room cover [EM-11](#)
 Engine serial number [GI-48](#)
 ETC1 - Wiring diagram [EC-366](#)
 ETC2 - Wiring diagram [EC-373](#)
 ETC3 - Wiring diagram [EC-377](#)
 EVAP canister [EC-606](#)
 EVAP canister purge volume control solenoid valve
[EC-283](#), [EC-494](#)
 EVAP canister vent control valve [EC-290](#), [EC-502](#)
 EVAP control system (small leak) diagnosis .. [EC-274](#),
[EC-314](#)
 EVAP control system pressure sensor [EC-297](#), [EC-300](#),
[EC-306](#)
 EVAP control system purge flow monitoring diagnosis
[EC-269](#)
 EVAP vapor lines inspection [MA-19](#)
 Evaporative emission (EVAP) system [EC-603](#)
 Evaporator [ATC-171](#), [MTC-147](#)
 Exhaust manifold [EM-19](#)
 Exhaust system [EX-3](#)
 Exhaust system inspection [EX-3](#)
 Expansion valve [ATC-173](#), [MTC-149](#)

F

F/FOG - Wiring diagram [LT-66](#)
 F/PUMP - Wiring diagram [EC-580](#)
 Final drive pre-inspection [FFD-15](#), [RFD-13](#)
 Final drive removal and installation .. [FFD-12](#), [RFD-10](#)
 Flow charts [GI-27](#)
 Fluid temperature sensor (A/T) [AT-128](#)
 Fluids [MA-11](#)
 Fluorescent leak detector [ATC-174](#), [MTC-150](#)
 Fog lamp, front [LT-64](#)
 Foot lamp [LT-125](#)
 Front brake solenoid valve [AT-148](#), [AT-151](#)
 Front bumper [EI-13](#)
 Front case (Transfer) [TF-127](#)
 Front combination lamp removal and installation [LT-32](#)

Front door [BL-116](#), [BL-119](#), [GW-63](#)
 Front Door Trim [EI-27](#)
 Front drive shaft (Transfer) [TF-117](#)
 Front fog lamp [LT-64](#)
 Front passenger air bag [SRS-49](#)
 Front seat [SE-92](#)
 Front seat belt [SB-3](#)
 Front seat belt pre-tensioner [SRS-3](#), [SRS-56](#)
 Front washer [WW-4](#)
 Front wiper [WW-4](#)
 FTTS - Wiring diagram [EC-225](#), [EC-230](#)
 Fuel cut control (at no load high engine speed) [EC-29](#)
 Fuel filter replacement [FL-5](#)
 Fuel gauge [DI-5](#)
 Fuel injector and fuel tube [EM-29](#)
 Fuel level sensor [EC-332](#), [EC-334](#), [EC-336](#)
 Fuel line inspection [FL-3](#)
 Fuel precautions [GI-5](#)
 Fuel pressure check [EC-45](#)
 Fuel pressure release [EC-45](#)
 Fuel pump [EC-579](#)
 Fuel pump and gauge [FL-5](#)
 Fuel system [FL-3](#)
 Fuel tank [FL-10](#)
 Fuel tank temperature sensor [EC-223](#), [EC-229](#)
 Fuel tank vacuum relief valve [EC-606](#)
 FUEL B1 - Wiring diagram [EC-208](#), [EC-217](#)
 FUEL B2 - Wiring diagram [EC-209](#), [EC-218](#)
 Fuse [PG-65](#), [PG-75](#)
 Fuse and fusible link box [PG-75](#)
 Fuse block [PG-74](#)
 Fusible link [PG-65](#), [PG-75](#)

G

Garage jack and safety stand [GI-40](#)
 Gauges [DI-5](#)
 Generator [SC-17](#)
 Glass [GW-11](#), [GW-63](#), [GW-66](#)
 Glove box lamp [LT-147](#)
 GPS antenna [AV-79](#)
 Grease [MA-11](#)
 Ground distribution [PG-29](#)

H

Handling precautions for plastics [BL-178](#)
 Harness connector [PG-66](#)
 Harness layout [PG-39](#)
 Hazard warning lamp [LT-75](#)
 Headlamp removal and installation [LT-32](#)
 Heated oxygen sensor 2 (bank 1) [EC-184](#), [EC-194](#),
[EC-381](#), [EC-393](#)
 Heated oxygen sensor 2 (bank 2) [EC-184](#), [EC-194](#),
[EC-381](#), [EC-393](#)
 Heated oxygen sensor 2 heater (bank 1) [EC-136](#)
 Heated oxygen sensor 2 heater (bank 2) [EC-136](#)
 Heated seat [SE-87](#)
 Heater and cooling unit (Heater core) . [ATC-142](#), [ATC-](#)

ALPHABETICAL INDEX

[145](#), [MTC-118](#), [MTC-121](#)

Heater unit (heater core) [ATC-142](#), [ATC-145](#), [MTC-118](#), [MTC-121](#)

Height (Dimensions) [GI-49](#)

HFC134a (R134a) system identification [ATC-7](#), [MTC-6](#)

HFC134a (R134a) system precaution .. [ATC-5](#), [MTC-4](#)

HFC134a (R134a) system service procedure [ATC-160](#), [MTC-136](#)

HFC134a (R134a) system service tools [ATC-14](#), [MTC-13](#)

HFC134a system service equipment precaution [ATC-11](#), [MTC-10](#)

High & low reverse clutch solenoid valve . [AT-160](#), [AT-163](#)

Homelink universal transceiver [BL-144](#)

Horn [WW-56](#)

HORN - Wiring diagram [WW-56](#)

HSEAT - Wiring diagram [SE-89](#)

I

IATS - Wiring diagram [EC-160](#)

Identification plate [GI-47](#)

Idle air volume learning [EC-43](#)

Idle mixture ratio [EC-32](#)

Idle speed [EC-32](#)

Idle speed control (ISC) [EC-340](#), [EC-342](#)

Ignition coil [EM-26](#), [EC-561](#)

Ignition control system [EC-561](#)

Ignition key hole illumination [LT-124](#)

Ignition timing [EC-32](#)

IGNSYS - Wiring diagram [EC-562](#)

ILL - Wiring diagram [LT-152](#)

Illumination [LT-146](#)

Illumination control [LT-161](#)

In vehicle sensor [ATC-126](#), [ATC-135](#)

INJECT - Wiring diagram [EC-574](#)

Injector [EC-573](#)

Input clutch solenoid valve [AT-142](#), [AT-145](#)

Instrument panel [IP-10](#)

Instrument panel speaker [AV-63](#)

Intake air temperature sensor [EC-159](#), [EC-179](#)

Intake door control linkage adjustment . [ATC-76](#), [ATC-78](#), [MTC-65](#), [MTC-68](#)

Intake door motor .. [ATC-74](#), [ATC-149](#), [MTC-64](#), [MTC-125](#)

Intake manifold [EM-15](#)

Intake sensor [ATC-131](#), [ATC-137](#), [MTC-109](#), [MTC-113](#)

Integrated homelink transmitter - See Homelink universal transceiver [BL-144](#)

Interior [EI-30](#)

Interior lamp [LT-124](#)

Interior lamp on-off control [LT-125](#)

Internal gear (Transfer) [TF-129](#)

IPDM (Intelligent power distribution module engine room) [PG-17](#)

J

Jacking points [GI-40](#)

Junction box (J/B) [PG-74](#)

K

Key illumination [LT-125](#)

KEYLES - Wiring diagram [BL-44](#)

Keyless entry system - See Multi-remote control system [BL-38](#)

Knock sensor (KS) [EC-248](#)

KS - Wiring diagram [EC-249](#)

L

Length (Dimensions) [GI-49](#)

License lamp [LT-103](#)

Lifting points [GI-41](#)

Line pressure solenoid valve [AT-121](#)

Line pressure switch (Transfer) [TF-97](#)

Line pressure test (A/T) [AT-56](#)

Liquid gasket application [LU-2](#), [FFD-2](#)

Location of electrical units [PG-62](#)

Low coast brake solenoid valve [AT-166](#), [AT-169](#)

Low tire pressure warning system [WT-7](#)

Low tire pressure warning system - trouble diagnoses [WT-10](#)

Low tire pressure warning system - Wiring diagram [WT-10](#)

Lubricant (R134a) A/C [ATC-22](#), [MTC-21](#)

Lubricants [MA-11](#)

Lubrication circuit (engine) [LU-5](#)

Lubrication oil A/C [ATC-22](#), [MTC-21](#)

Lubrication-locks, hinges and hood latches [MA-32](#)

M

MAFS - Wiring diagram [EC-147](#), [EC-154](#)

Magnet clutch [ATC-102](#), [ATC-165](#), [MTC-92](#), [MTC-141](#)

MAIN - Wiring diagram [EC-126](#)

Main oil pump (Transfer) [TF-124](#)

Mainshaft (Transfer) [TF-118](#)

Maintenance (engine)Schedule 1 [MA-7](#)

Maintenance (engine)Schedule 2 [MA-9](#)

Major overhaul (Final drive) [FFD-14](#), [RFD-14](#)

Major overhaul (Transfer) [TF-112](#)

Map lamp [LT-125](#)

Mass air flow sensor (MAFS) [EC-144](#), [EC-152](#)

Meter [DI-5](#)

METER - Wiring diagram [DI-10](#)

MIL data link connectors circuit [EC-601](#)

MIL/DL - Wiring diagram [EC-601](#)

Misfire [EC-241](#)

Mode door control linkage adjustment .. [ATC-64](#), [MTC-56](#)

Mode door motor .. [ATC-62](#), [ATC-150](#), [MTC-55](#), [MTC-126](#)

Model variation [GI-46](#)

A

B

C

D

E

F

G

H

I

J

K

L

IDX

ALPHABETICAL INDEX

Multiport fuel injection (MFI) system [EC-25](#)
 Multiport fuel injection precautions [GI-5](#)
 Multi-remote control system [BL-38](#)
 Multi-remote control system - See Remote keyless entry system [BL-38](#)

N

NATS - Wiring diagram [BL-128](#)
 NAVI - Wiring diagram [AV-96](#)
 NAVI Control Unit [AV-174](#)
 Neutral-4LO switch [TF-98](#)
 Nissan torque demand (NTD) control system [EC-28](#)
 NVH troubleshooting (AX) [FAX-4](#)
 NVH troubleshooting (EM) [EM-9](#)
 NVH troubleshooting (Final drive) [RFD-5](#)
 NVH troubleshooting (Propeller shaft) [PR-3](#)
 NVH troubleshooting (RAX) [RAX-4](#)
 NVH troubleshooting (RSU) [RSU-5](#)
 NVH troubleshooting (ST) [PS-5](#)
 NVH troubleshooting (WT) NVH troubleshooting (WT) . [WT-3](#)
 NVIS (Nissan vehicle immobilizer system) [BL-125](#)

O

O2H2B1 - Wiring diagram [EC-138](#)
 O2H2B2 - Wiring diagram [EC-140](#)
 O2S2B1 - Wiring diagram .. [EC-186](#), [EC-197](#), [EC-384](#), [EC-396](#)
 O2S2B2 - Wiring diagram .. [EC-188](#), [EC-199](#), [EC-386](#), [EC-398](#)
 Oil cooler (engine) [LU-10](#)
 Oil filter [LU-9](#)
 Oil filter (Transfer) [TF-109](#)
 Oil pan (engine) [EM-22](#)
 Oil pressure (engine) [LU-7](#)
 Oil pressure relief valve (engine) [LU-5](#)
 Oil pump (engine) [LU-12](#)
 Oil seal replacement (engine) [EM-56](#)
 Oil seal replacement (front of final drive) [FFD-8](#), [RFD-6](#)
 Oil seal replacement (side of final drive) [FFD-10](#), [RFD-8](#)
 ORVR (On-board Refueling Vapor Recovery) . [EC-610](#)
 Overheat [EC-408](#)

P

P/SCKT - Wiring diagram [WW-54](#)
 Pantograph jack [GI-40](#)
 Park/Neutral position switch [EC-524](#)
 Park/neutral position switch (A/T) [AT-106](#)
 Parking brake control [PB-4](#)
 PCV (positive crankcase ventilation) [EC-615](#)
 Personal lamp [LT-125](#)
 PGC/V - Wiring diagram [EC-285](#), [EC-496](#)
 Pinion bearing preload diff. [RFD-22](#)
 Piston pin inspection [EM-90](#)
 Piston ring inspection [EM-91](#)

Piston to bore clearance [EM-95](#)
 Planetary carrier (Transfer) [TF-129](#)
 PNP/SW - Wiring diagram [EC-526](#)
 POS - Wiring diagram [EC-254](#)
 POWER - Wiring diagram [PG-6](#)
 Power door lock [BL-16](#)
 Power seat [SE-83](#)
 Power steering fluid level [MA-31](#)
 Power steering gear [PS-14](#)
 Power steering oil pump [PS-25](#)
 Power steering system bleeding [PS-6](#)
 Power supply routing [PG-4](#)
 Power window [GW-15](#)
 PRE/SE - Wiring diagram [EC-302](#), [EC-308](#)
 Precautions (General) [GI-3](#)
 Precautions in repairing high strength steel [BL-181](#)
 Pressure switch 1 [AT-151](#), [AT-172](#)
 Pressure switch 2 [AT-169](#)
 Pressure switch 3 [AT-145](#), [AT-175](#)
 Pressure switch 5 [AT-157](#), [AT-178](#)
 Pressure switch 6 [AT-163](#), [AT-181](#)
 Pressure test (A/T) [AT-56](#)
 Propeller shaft [PR-4](#), [PR-8](#)
 Propeller shaft inspection [MA-26](#)
 Propeller shaft on vehicle service [PR-8](#)
 Propeller shaft vibration [PR-4](#), [PR-8](#)
 PS/SEN - Wiring diagram [EC-345](#)

R

Radiator [CO-10](#)
 Radio - See Audio [AV-6](#)
 Rear Audio Remote Control Unit [AV-64](#)
 Rear axle [RAX-5](#)
 Rear bumper [EI-15](#)
 Rear case (Transfer) [TF-114](#)
 Rear combination lamp removal and installation ... [LT-117](#)
 Rear cover packing replacement diff. [RFD-24](#)
 Rear door [BL-116](#), [GW-66](#)
 Rear seat [SE-99](#)
 Rear seat belt [SB-6](#)
 Rear suspension [RSU-25](#)
 Rear washer [WW-33](#)
 Rear window defogger [GW-73](#)
 Rear wiper [WW-33](#)
 Refrigerant connection precaution [ATC-7](#), [MTC-6](#)
 Refrigerant discharging evacuating charging [ATC-160](#), [MTC-136](#)
 Refrigerant general precaution [ATC-6](#), [MTC-5](#)
 Refrigerant lines . [ATC-160](#), [ATC-168](#), [ATC-169](#), [MTC-136](#), [MTC-144](#), [MTC-145](#)
 Refrigerant pressure sensor . [EC-585](#), [ATC-107](#), [ATC-169](#), [MTC-97](#), [MTC-145](#)
 Relay box [PG-76](#)
 Remote keyless entry system [BL-38](#)
 Removal and installation (A/T) [AT-252](#), [AT-255](#)
 Removal and installation (Transfer) [TF-111](#)
 Revolution sensor (A/T) [AT-109](#)

ALPHABETICAL INDEX

Ring gear diff. inspection [RFD-13](#)
 Road wheel size [GI-49](#)
 Rocker cover [EM-33](#)
 Room lamp [LT-124](#)
 Room lamp - See Interior lamp [LT-124](#)
 ROOM/L - Wiring diagram [LT-130](#)
 RP/SEN - Wiring diagram [EC-586](#)

S

SEAT - Wiring diagram [SE-83](#), [SE-84](#)
 Seat belt inspection [SB-10](#), [MA-33](#)
 Seat belt pre-tensioner [SRS-56](#)
 Seat belt, front [SB-3](#)
 Seat belt, rear [SB-6](#)
 Seat, front [SE-92](#)
 Seat, rear [SE-99](#)
 Self-diagnosis (Transfer) [TF-27](#)
 SEN/PW - Wiring diagram [EC-423](#)
 SHIFT - Wiring diagram [AT-231](#)
 Shift lock system [AT-230](#)
 Shock absorber (front) [FSU-9](#)
 Shock absorber (rear) [RSU-34](#)
 Side air bag (satellite) sensor [SRS-55](#)
 Side bearing preload diff. [RFD-19](#)
 Side curtain air bag [SRS-52](#)
 Side trim [EI-30](#)
 SMJ (super multiple junction) [PG-72](#)
 SONAR - Wiring diagram [DI-62](#)
 Spare tire size [GI-49](#)
 Spark plug [EM-27](#)
 Spark plug replacement [MA-18](#)
 Specification value [EC-121](#)
 Speedometer [DI-5](#)
 Spiral cable [SRS-46](#)
 SROOF - Wiring diagram [RF-13](#)
 SRS - See Supplemental Restraint System [SRS-5](#)
 SRS - Wiring diagram [SRS-12](#)
 SRS Trouble diagnoses [SRS-8](#)
 Stabilizer bar (front) [FSU-11](#)
 Stabilizer bar (rear) [RSU-41](#)
 Stall test (A/T) [AT-55](#)
 Standardized relay [PG-70](#)
 START - Wiring diagram [SC-11](#)
 Starting system [SC-10](#)
 Steering gear, linkage and transfer gear inspection
[MA-30](#)
 Steering linkage [PS-14](#)
 Steering wheel and column [PS-7](#)
 Step lamp [LT-125](#)
 Stop lamp [LT-98](#)
 Stop lamp switch [EC-529](#)
 STOP/L - Wiring diagram [LT-99](#)
 Strut (front) [FSU-9](#)
 Sun gear (Transfer) [TF-129](#)
 Sun roof, electric [RF-10](#)
 Sunload sensor [ATC-129](#)
 Sunroof [RF-23](#)
 Supplemental Restraint System [SRS-5](#)

Supplemental restraint system - Wiring diagram . [SRS-12](#)
 Symbols and abbreviations [GI-9](#), [GI-22](#)

T

Tachometer [DI-5](#)
 Tail lamp [LT-103](#)
 TAIL/L - Wiring diagram [LT-105](#)
 TCM circuit diagram [AT-48](#)
 TCM inspection table [AT-87](#)
 TCS - Wiring diagram [BRC-16](#)
 TCS (traction control system) [BRC-7](#)
 TCS component parts and connector location [BRC-14](#)
 TCS wheel sensors [BRC-14](#)
 Theft warning system - See Vehicle security (Theft warn-
 ing) system [BL-67](#)
 Thermometer [DI-26](#)
 Three way catalyst [EM-19](#)
 Three way catalyst function (Bank 1) [EC-265](#)
 Three way catalyst function (Bank 2) [EC-265](#)
 Three way catalyst precautions [GI-5](#)
 Throttle control motor [EC-376](#)
 Throttle control motor relay [EC-371](#)
 Throttle position sensor (TPS) ... [EC-169](#), [EC-234](#), [EC-418](#), [EC-420](#), [EC-547](#)
 Tie-rod [PS-14](#)
 Timing chain [EM-35](#)
 Tire rotation [MA-29](#)
 Tire size [GI-49](#)
 Tooth contact diff. [RFD-20](#)
 Torque converter installation [AT-253](#), [AT-254](#), [AT-256](#),
[AT-257](#)
 Torque convertor clutch solenoid valve [AT-115](#), [AT-118](#)
 Tow truck towing [GI-42](#)
 Towing point [GI-43](#)
 TPS1 - Wiring diagram [EC-236](#)
 TPS2 - Wiring diagram [EC-171](#)
 TPS3 - Wiring diagram [EC-549](#)
 Traction control system - Wiring diagram [BRC-16](#)
 Transfer control device [TF-106](#)
 Transfer control unit inspection table [TF-54](#)
 Transfer dropping resistor [TF-97](#)
 Transfer fluid temperature sensor [TF-97](#)
 Transfer motor [TF-108](#)
 Transfer motor relay [TF-98](#)
 Transfer oil replacement [MA-24](#)
 Transfer serial number [GI-48](#)
 Transmission serial number [GI-48](#)
 TRANSMT - Wiring diagram [BL-144](#)
 Tread-FR&RR (Dimensions) [GI-49](#)
 Trim [EI-30](#)
 Trouble diagnoses [GI-9](#)
 Turbine revolution sensor [AT-131](#)
 TURN - Wiring diagram [LT-78](#)
 Turn signal lamp [LT-75](#)
 Two-pole lift [GI-41](#)

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

IDX

ALPHABETICAL INDEX

V

Vacuum hose (brake system)	BR-19
Valve clearance	EM-52
Valve guide	EM-65
Vanity mirror lamp	LT-124
VDC (vehicle dynamics control)	BRC-7
VDC -Wiring diagram	BRC-16
Vehicle identification number	GI-47
Vehicle recovery (freeing a stuck vehicle)	GI-43
Vehicle security (theft warning) system	BL-67
Vehicle speed sensor (VSS)	EC-338
VEHSEC - Wiring diagram	BL-72
VENT/V - Wiring diagram	EC-292 , EC-504
Video Monitor	AV-77
Viscosity number (SAE)	MA-12

W

W/ANT - Wiring diagram	AV-66
Wait detection switch	TF-98
WARN - Wiring diagram	DI-31
Warning chime	DI-42
Warning lamps	DI-30
Washer, front	WW-4
Washer, rear	WW-33
Water pump	CO-15
Water temperature gauge	DI-5
Wheel alignment (front)	FSU-6
Wheel alignment (rear)	RSU-27
Wheel balance	MA-27
Wheel bearing (front)	FAX-5
Wheel bearing (rear)	RAX-5
Wheel hub (rear)	RAX-5
Wheel size	GI-49
Wheelbase (Dimensions)	GI-49
Width (Dimensions)	GI-49
WINDOW - Wiring diagram	GW-22
Window antenna	AV-65
Window, door	GW-63 , GW-66
Windshield	GW-11
WIP/R - Wiring diagram	WW-37
WIPER - Wiring diagram	WW-9
Wiper, front	WW-4
Wiper, rear	WW-33
Wiring Diagram (Cell code) list	PG-60
Wiring diagram (Transfer)	TF-18
Wiring diagrams	GI-15
WT-T/WARN - Wiring diagram	WT-10