

| Description                         | Group-Page       | Description                       | Group-Page              | Description                       | Group-Page            |
|-------------------------------------|------------------|-----------------------------------|-------------------------|-----------------------------------|-----------------------|
| ABS AND BRAKE, WARNING LAMPS—       |                  | AIRBAG DOOR, PASSENGER            | 8M-7                    | AXLE ASSEMBLY REPLACEMENT, DRIVE  | 3-20                  |
| EXCEPT                              | 8W-40-1          | AIRBAG INDICATOR LAMP             | 8E-12,8E-5              | AXLE BEARING AND SEAL             | 3-91                  |
| ABS BRAKE SYSTEM, BLEEDING          | 5-33             | AIRBAG MODULE                     | 8M-2,8M-5               | AXLE BUSHING                      | 2-8                   |
| ABS MAIN RELAY                      | 8W-35-1          | AIRBAG SQUIB (AIRBAG IGNITER)     | 8W-43-1                 | AXLE BUSHING REPLACEMENT          | 3-23                  |
| ABS PUMP MOTOR RELAY                | 8W-35-1          | AIRBAG SYSTEM                     | 8M-3,8M-4               | AXLE COMPONENTS                   | 3-105,3-69            |
| ABS SYSTEM RELAYS                   | 5-33             | AIRBAG TRIM COVER AND HORN        |                         | AXLE, FRONT DRIVE                 | 3-18                  |
| ABS WARNING LAMP; 8W-35             |                  | SWITCH, DRIVER                    | 8M-6                    | AXLE, MODEL 44                    | 3-113                 |
| ALL-WHEEL ANTI-LOCK BRAKES          | 8W-35-2          | AIRBAG WARNING LAMP               | 8W-43-1                 | AXLE, REAR                        | 3-54,3-89             |
| ABS WARNING LAMP; 8W-40             |                  | AJAX SWITCH, DRIVER DOOR          | 8U-1                    | AXLE SHAFT                        | 3-56,3-91             |
| INSTRUMENT CLUSTER                  | 8W-40-1          | ALIGNMENT                         | 2-1                     | AXLE SHAFT, HUB BEARING           | 3-21                  |
| ABS WARNING LAMP; BRAKES            | 5-33             | ALIGNMENT, HEADLAMP               | 8L-5                    | AXLE SHAFT OIL SEAL REPLACEMENT,  |                       |
| ABSOLUTE PRESSURE (MAP) SENSOR,     |                  | ALIGNMENT MEASUREMENTS AND        |                         | INNER                             | 3-27                  |
| MANIFOLD; FUEL SYSTEM               | 14-36            | ADJUSTMENTS                       | 2-4                     | AXLE SHAFT SEAL AND BEARING       | 3-57                  |
| ABSOLUTE PRESSURE (MAP) SENSOR,     |                  | ALIGNMENT PREPARATION, HEADLAMP   | 8L-5                    | AXLE SHAFT—CARDAN U-JOINT         | 3-32                  |
| MANIFOLD; IGNITION SYSTEM           | 8D-16,8D-5       | ALIGNMENT, REAR AXLE              | 3-49,3-84               | AXLES                             | 3-16,3-47,3-82        |
| ABSOLUTE PRESSURE (MAP) SENSOR      |                  | ALIGNMENT, SPECIAL TOOLS—         |                         | BACKLASH, DIFFERENTIAL BEARING    |                       |
| TEST, MANIFOLD                      | 14-31            | HEADLAMP                          | 8L-7                    | PRELOAD AND GEAR                  | 3-108,3-37,3-72       |
| ABSOLUTE PRESSURE (MAP)             |                  | ALIGNMENT SPECIFICATIONS          | 2-5                     | BACK-UP LAMP BULB                 | 8L-9                  |
| SENSOR—PCM INPUT, MANIFOLD          | 14-24            | ALIGNMENT, WHEEL                  | 2-1                     | BACK-UP LAMPS                     | 8W-51-1               |
| ABSOLUTE PRESSURE SENSOR,           |                  | ALUMINUM THREAD REPAIR            | 21-95                   | BALANCE, TIRE AND WHEEL           | 22-9                  |
| MANIFOLD                            | 8W-30-4          | ANALYSIS, STALL TEST              | 21-81                   | BALL NUT, WORM SHAFT              | 19-24                 |
| ABSORBER, SHOCK                     | 2-12,2-7         | ANALYZING ROAD TEST               | 21-79                   | BALL STUDS, STEERING KNUCKLE      | 3-21                  |
| A/C OPERATION                       | 8W-42-1          | ANGLE MEASUREMENT, PROPELLER      |                         | BAND ADJUSTMENT, FRONT            | 21-147                |
| A/C PERFORMANCE                     | 24-8             | SHAFT                             | 3-5                     | BAND ADJUSTMENT, REAR             | 21-148                |
| ACCELERATION SWITCH                 | 5-33,5-36        | ANGLE, UNIVERSAL JOINT            | 3-5                     | BAND OPERATION, AIR TESTING       |                       |
| ACCELERATOR PEDAL                   | 14-15            | ANTENNA                           | 8F-2,8F-5,8F-8          | TRANSMISSION CLUTCH               | 21-82                 |
| ACCESSORY DRIVE BELT                | 7-8              | ANTILOCK BRAKE SYSTEM             | 5-30                    | BAR LAMP, COURTESY LAMPS,         |                       |
| ACCESSORY DRIVE BELTS, ENGINE       | 7-2              | ANTI-LOCK BRAKE SYSTEM LAMP       | 8E-12,8E-5              | DOME/CARGO LAMP, SOUND            | 8W-44-1               |
| ACCESSORY RELAY                     | 8E-22            | ANTILOCK BRAKES                   | 5-30,5-33               | BAR, SOUND                        | 8F-8                  |
| ACCESSORY SWITCH BEZEL              | 8E-21            | ANTILOCK BRAKES, CONTROLLER       | 5-31,5-34               | BAR, SPORT                        | 23-38                 |
| ACCUMULATOR                         | 24-26,24-4       | ANTI-THEFT SECURITY CODE          | 8F-6                    | BAR, STABILIZER                   | 2-14,2-9              |
| ACTION TEST MODE, CIRCUIT           | 25-2             | APPLICATION, BULB                 | 8L-15                   | BAR, TRACK                        | 2-15,2-9              |
| ACTUATOR, FULL DOOR INSIDE HANDLE   | 23-23            | AREA CARPET/MAT, CARGO            | 23-37                   | BASE BRAKE SYSTEM                 | 5-1,5-6               |
| ACTUATOR, HALF DOOR INSIDE HANDLE   | 23-27            | ARM, LOWER SUSPENSION             | 2-13,2-7                | BASE BRAKES                       | 5-29                  |
| ACTUATORS, MOOD DOOR VACUUM         | 24-30            | ARM, PITMAN                       | 19-32                   | BASE COAT/CLEAR COAT FINISH       | 23-2                  |
| ADAPTER HOUSING                     | 21-38            | ARM, UPPER SUSPENSION             | 2-13,2-8                | BASE, INSTRUMENT PANEL            | 8E-26                 |
| ADAPTER HOUSING AND FRONT           |                  | ARMS AND BLADES, WIPER            | 8K-2                    | BATTERY                           | 8A-11,8A-13,8A-2,8A-3 |
| BEARING RETAINER                    | 21-5             | ARMS AND PUSH RODS, ROCKER        | 9-31,9-48,<br>9-66,9-84 | BATTERY CHARGING                  | 8A-9                  |
| ADD-A-TRUNK                         | 23-36            | ARMS, WIPER                       | 8K-8                    | BATTERY FEED                      | 8W-30-1               |
| ADDING ADDITIONAL COOLANT           | 7-23             | ASD AND FUEL PUMP RELAYS          | 14-30                   | BATTERY MOUNTING                  | 8A-3                  |
| ADDITIONAL COOLANT, ADDING          | 7-23             | ASSEMBLY, ADJUSTER PLUG           | 19-12                   | BATTERY SIZE AND RATINGS          | 8A-2                  |
| ADDITIVES, COOLANT SELECTION        | 7-5              | ASSEMBLY, ENGINE                  | 9-28,9-64               | BATTERY TEMPERATURE SENSOR;       |                       |
| ADJUSTER PLUG ASSEMBLY              | 19-12            | ASSEMBLY, FIFTH GEAR AND SYNCHRO  | 21-46                   | 8W-30 FUEL/IGNITION SYSTEMS       | 8W-30-3               |
| ADJUSTER, WORM BEARING              | 19-26            | ASSEMBLY, FINAL                   | 3-100,3-31,3-65         | BATTERY TEMPERATURE SENSOR;       |                       |
| ADJUSTMENT, DOOR                    | 23-45            | ASSEMBLY INFORMATION,             |                         | CHARGING SYSTEM                   | 8C-2,8C-5,8C-8        |
| ADJUSTMENT, FOG LAMP                | 8L-7             | TRANSMISSION                      | 21-35,21-2              | BATTERY TEMPERATURE SENSOR—PCM    |                       |
| ADJUSTMENT, FRONT BAND              | 21-147           | ASSEMBLY, INSTRUMENT PANEL        | 8E-24                   | INPUT                             | 14-22                 |
| ADJUSTMENT, HEADLAMP                | 8L-6             | ASSEMBLY, MUFFLER TAILPIPE        | 11-4                    | BATTERY VOLTAGE—PCM INPUT         | 14-22                 |
| ADJUSTMENT, HOOD                    | 23-45            | ASSEMBLY REPLACEMENT, DRIVE AXLE  | 3-20                    | BEAM INDICATOR LAMP, HEADLAMP     |                       |
| ADJUSTMENT, REAR BAND               | 21-148           | ASSEMBLY (SHORT BLOCK), SERVICE   |                         | HIGH                              | 8E-15,8E-7            |
| ADJUSTMENT, SHIFT CABLE             | 21-145           | ENGINE                            | 9-4                     | BEAM INDICATOR LAMP, HIGH         | 8W-40-2               |
| ADJUSTMENT, SHIFT LINKAGE           | 21-187           | ASSIST OR POOR RETURN TO CENTER,  |                         | BEARING ADJUSTER, WORM            | 19-26                 |
| ADJUSTMENT, TAILGATE                | 23-45            | INSUFFICIENT                      | 19-3                    | BEARING AND AXLE SHAFT, HUB       | 3-21                  |
| ADJUSTMENT, THROTTLE VALVE CABLE    | 21-146           | AUDIO SYSTEM                      | 8F-2                    | BEARING AND SEAL, AXLE            | 3-91                  |
| ADJUSTMENT WITH CAMS                | 3-13             | AUTO SHUTDOWN (ASD) RELAY—PCM     |                         | BEARING, AXLE SHAFT SEAL          | 3-57                  |
| ADJUSTMENTS, ALIGNMENT              |                  | OUTPUT                            | 14-26                   | BEARING, HUB                      | 2-10                  |
| MEASUREMENTS                        | 2-4              | AUTOMATIC SHUT DOWN (ASD) RELAY   | 8W-30-2                 | BEARING NOISE, GEAR               | 3-17,3-48,3-83        |
| AERATION, LOW COOLANT LEVEL         | 7-22             | AUTOMATIC SHUTDOWN (ASD) RELAY;   |                         | BEARING, PILOT                    | 6-12                  |
| AFTERMARKET PAINT REPAIR            |                  | FUEL SYSTEM                       | 14-34                   | BEARING, PITMAN SHAFT SEALS       | 19-17                 |
| PRODUCTS                            | 23-3             | AUTOMATIC SHUTDOWN (ASD) RELAY;   |                         | BEARING PRELOAD AND GEAR          |                       |
| AIR CLEANER ELEMENT                 | 14-38            | IGNITION SYSTEM                   | 8D-15,8D-3              | BACKLASH, DIFFERENTIAL            | 3-108,3-37,3-72       |
| AIR CONDITIONER CONTROLS, HEATER    | 24-2             | AUTOMATIC SHUTDOWN (ASD) RELAY    |                         | BEARING PRELOAD, WORM             | 19-27                 |
| AIR CONDITIONER, HEATER             | 24-1             | SENSE—PCM INPUT                   | 14-21                   | BEARING, RELEASE                  | 6-11                  |
| AIR CONDITIONING (A/C) CLUTCH       |                  | AUTOMATIC SHUTDOWN (ASD) RELAY    |                         | BEARING RETAINER, ADAPTER HOUSING |                       |
| RELAY—PCM OUTPUT                    | 14-25            | TEST                              | 8D-5                    | AND FRONT                         | 21-5                  |
| AIR CONDITIONING (A/C) CONTROLS—    |                  | AUTOMATIC TRANSMISSION, 30/32RH   | 21-72                   | BEARINGS, CAMSHAFT                | 9-41                  |
| PCM INPUT                           | 14-21            | AUTOMATIC TRANSMISSION, 30RH      | 21-162,<br>21-163       | BEARINGS, CRANKSHAFT MAIN         | 9-41,9-77             |
| AIR CONTROL (IAC) MOTOR, IDLE;      |                  | AUTOMATIC TRANSMISSION DIAGNOSIS  | 21-75                   | BEARINGS, DIFFERENTIAL SIDE       | 3-27,3-59,3-95        |
| 8W-30 FUEL/IGNITION SYSTEMS         | 8W-30-5          | AUTOMATIC TRANSMISSION OIL        |                         | BEARINGS, FITTING CONNECTING      |                       |
| AIR CONTROL (IAC) MOTOR, IDLE; FUEL |                  | COOLER                            | 7-24                    | ROD                               | 9-22,9-58             |
| SYSTEM                              | 14-33,14-35      | AUTOMATIC TRANSMISSION—30/32RH    | 21-71                   | BEARINGS, FITTING CRANKSHAFT      |                       |
| AIR CONTROL (IAC) MOTOR—PCM         |                  | AUXILIARY TRANSMISSION OIL COOLER | 7-24                    | MAIN                              | 9-24,9-60             |
| OUTPUT, IDLE                        | 14-26            | AX15                              | 21-70                   | BELT, ACCESSORY DRIVE             | 7-8                   |
| AIR EXHAUSTER, HARD TOP             | 23-29            | AX15 COMPONENTS                   | 21-67                   | BELT AND BUCKLE, FRONT SHOULDER/  |                       |
| AIR TEMPERATURE SENSOR, INTAKE      | 8W-30-4          | AX15 MANUAL TRANSMISSION          | 21-34,21-68             | LAP                               | 23-31                 |
| AIR TEMPERATURE SENSOR, INTAKE      |                  | AX15 TRANSMISSION                 | 21-66                   | BELT AND BUCKLE, REAR SHOULDER/   |                       |
| MANIFOLD; FUEL SYSTEM               | 14-33,14-38      | AX-5                              | 21-33                   | LAP                               | 23-32                 |
| AIR TEMPERATURE SENSOR, INTAKE      |                  | AX-5 MANUAL TRANSMISSION          |                         |                                   |                       |
| MANIFOLD; IGNITION                  |                  | COMPONENTS                        | 21-31                   |                                   |                       |
| SYSTEM                              | 8D-10,8D-17,8D-5 | AX-5 MANUAL TRANSMISSION TORQUE   | 21-33                   |                                   |                       |
| AIR TEMPERATURE SENSOR—PCM          |                  | AXLE, 181 FBI                     | 3-42                    |                                   |                       |
| INPUT, INTAKE MANIFOLD              | 14-24            | AXLE, 181 FBI FRONT               | 3-15                    |                                   |                       |
| AIR TESTING TRANSMISSION CLUTCH     |                  | AXLE, 194 RBI                     | 3-46,3-77               |                                   |                       |
| AND BAND OPERATION                  | 21-82            | AXLE, 194 RBI REAR                | 3-46                    |                                   |                       |
| AIRBAG CONTROL MODULE; 8W-43        |                  | AXLE, 216 RBI REAR                | 3-81                    |                                   |                       |
| AIRBAG SYSTEM                       | 8W-43-1          | AXLE ALIGNMENT, REAR              | 3-49,3-84               |                                   |                       |
| AIRBAG CONTROL MODULE; PASSIVE      |                  |                                   |                         |                                   |                       |
| RESTRAINT SYSTEMS                   | 8M-3,8M-8        |                                   |                         |                                   |                       |

| Description                      | Group-Page                  | Description                         | Group-Page       | Description                         | Group-Page         |
|----------------------------------|-----------------------------|-------------------------------------|------------------|-------------------------------------|--------------------|
| BELT REMINDER LAMP, SEAT         | 8E-17,8E-7                  | BRAKE WARNING LAMP, RED             | 5-2,5-8          | CARGO AREA CARPET/MAT               | 23-37              |
| BELT SEAL, FULL DOOR OUTER       | 23-24                       | BRAKE, WARNING LAMPS—EXCEPT ABS     | 8W-40-1          | CARPET, CENTER                      | 23-37              |
| BELT, SERPENTINE DRIVE           | 7-31                        | BRAKES, ANTILOCK                    | 5-30,5-33        | CARPET, WHEELHOUSE                  | 23-37              |
| BELT SWITCH, DRIVER SEAT         | 8U-2                        | BRAKES, BASE                        | 5-29             | CARPET/MAT, CARGO AREA              | 23-37              |
| BELT TENSION                     | 7-34                        | BRAKES, CONTROLLER ANTILOCK         | 5-31,5-34        | CARPET/MAT, FRONT                   | 23-36              |
| BELT WEATHERSTRIP, FULL DOOR     |                             | BRAKES, FRONT DISC                  | 5-4              | CARRIER, SPARE TIRE                 | 23-42              |
| INNER                            | 23-24                       | BUCKET SEAT                         | 23-33            | CASE COVER OIL SEAL, TIMING         | 9-36,9-80          |
| BELTS, ENGINE ACCESSORY DRIVE    | 7-2                         | BUCKET SEAT CUSHION COVER           | 23-9             | CASE COVER, TIMING                  | 9-36,9-71          |
| BETTS CONNECTORS, TERMINAL/      |                             | BUCKET SEATBACK                     | 23-8             | CASE, GEAR                          | 21-42              |
| CONNECTOR REPAIR—THOMAS          | 8W-01-8                     | BUCKET SEATBACK COVER               | 23-9             | CASE IDENTIFICATION, TRANSFER       | 21-167             |
| BEZEL, ACCESSORY SWITCH          | 8E-21                       | BUCKLE, FRONT SHOULDER/LAP BELT     | 23-31            | CASE, NV231 TRANSFER                | 21-170,21-184      |
| BEZEL, CLUSTER                   | 8E-19                       | BUCKLE, REAR SHOULDER/LAP BELT      | 23-32            | CASE SKID PLATE, TRANSFER           | 13-6               |
| BEZEL, GRAB HANDLE               | 8E-24                       | BUFFING, AND POLISHING, FINESSE     |                  | CASE, TRANSFER                      | 21-169             |
| BEZEL, INSTRUMENT PANEL CENTER   | 8E-20                       | SANDING                             | 23-2             | CASE—NV231, TRANSFER                | 21-167             |
| BEZEL, LICENSE PLATE             | 23-42                       | BUILT-IN TEST INDICATOR             | 8A-5             | CATALYTIC CONVERTER                 | 11-1               |
| BINDING AND STICKING             | 19-2                        | BULB APPLICATION                    | 8L-15            | CAUSES OF BURNED FLUID              | 21-78              |
| BLADE, FAN                       | 7-32                        | BULB, BACK-UP LAMP                  | 8L-9             | CAUTIONS, AND WARNINGS, NOTES       | 8W-01-1            |
| BLADES AND ELEMENTS, WIPER       | 8K-7                        | BULB, CENTER HIGH MOUNTED STOP      |                  | CAUTIONS, SERVICE WARNINGS &        | 5-2                |
| BLADES, WIPER ARMS               | 8K-2                        | LAMP (CHMSL)                        | 8L-9             | CCD BUS                             | 8W-30-5            |
| BLEEDING ABS BRAKE SYSTEM        | 5-33                        | BULB, FOG LAMP                      | 8L-8             | CCD BUS (+/-) CIRCUITS-PCM OUTPUTS  | 14-26              |
| BLEEDING, BRAKE                  | 5-12                        | BULB, FRONT PARK/TURN SIGNAL        |                  | CENTER BEZEL, INSTRUMENT PANEL      | 8E-20              |
| BLENDS, GASOLINE/OXYGENATE       | 14-1                        | LAMP                                | 8L-8             | CENTER CARPET                       | 23-37              |
| BLOCK, CYLINDER                  | 9-47,9-48,9-83,9-84         | BULB, HEADLAMP                      | 8L-8             | CENTER HIGH MOUNTED STOP LAMP       |                    |
| BLOCK HEATER                     | 7-4                         | BULB SERVICE, LAMP                  | 8L-8             | (CHMSL)                             | 8L-11              |
| BLOCK HEATER, ENGINE             | 7-29,7-3                    | BULB, SIDE MARKER LAMP              | 8L-8             | CENTER HIGH MOUNTED STOP LAMP       |                    |
| BLOCKER, KNEE                    | 8E-18                       | BULB, TAIL/TURN SIGNAL/BACK-UP      |                  | (CHMSL) BULB                        | 8L-9               |
| BLOWER MOTOR; 8W-42 AIR          |                             | LAMP                                | 8L-8             | CENTER, INSUFFICIENT ASSIST OR      |                    |
| CONDITIONING/HEATER              | 8W-42-1                     | BULB, UNDERHOOD LAMP                | 8L-9             | POOR RETURN TO                      | 19-3               |
| BLOWER MOTOR; HEATING AND AIR    |                             | BULBS, CLUSTER                      | 8E-20            | CENTERING, CLOCKS/SPRING            | 8M-9               |
| CONDITIONING                     | 24-15,24-27,24-4            | BUMPER EXTENSION, FRONT             | 13-1             | CERTIFICATION LABEL, VEHICLE SAFETY | Intro-2            |
| BLOWER MOTOR RELAY, HIGH         |                             | BUMPER EXTENSION, REAR              | 13-2             | CHAIN AND SPROCKETS, TIMING         | 9-37,9-72          |
| SPEED                            | 24-17,24-29,24-6            | BUMPER, FRONT                       | 13-2             | CHANGE, LUBRICANT                   | 3-20,3-53,3-88     |
| BLOWER MOTOR RESISTOR            | 24-15,24-29,24-5            | BUMPER, REAR                        | 13-2             | CHANNEL, TAILGATE WEATHERSTRIP      | 23-44              |
| BLOWER MOTOR SWITCH              | 24-15,24-28,24-5            | BUMPERS                             | 13-1             | CHANNEL WEATHERSTRIP, FULL DOOR     |                    |
| BODY                             | 23-46                       | BURNED FLUID, CAUSES OF             | 21-78            | GLASS RUN                           | 23-24              |
| BODY CODE PLATE                  | Intro-2                     | BUS (+/-) CIRCUITS-PCM OUTPUTS, CCD | 14-26            | CHARGE, REFRIGERANT SYSTEM          | 24-19              |
| BODY COMPONENT SERVICE           | 23-11                       | BUS, CCD                            | 8W-30-5          | CHARGING, BATTERY                   | 8A-9               |
| BODY DECALS                      | 23-16                       | BUSHING, AXLE                       | 2-8              | CHARGING SYSTEM; 8W-20 CHARGING     |                    |
| BODY LUBRICANTS                  | 23-45                       | BUSHING REPLACEMENT, AXLE           | 3-23             | SYSTEM                              | 8W-20-1            |
| BODY LUBRICATION                 | 23-12                       | BY-PASS, CLUTCH INTERLOCK SAFETY    |                  | CHARGING SYSTEM; CHARGING           |                    |
| BODY SIDE MOLDING                | 23-19                       | SWITCH                              | 6-1              | SYSTEM                              | 8C-2               |
| BODY, THROTTLE                   | 14-27,14-34                 | CABLE ADJUSTMENT, SHIFT             | 21-145           | CHARGING SYSTEM DIAGNOSTIC          |                    |
| BODY, VALVE                      | 21-100,21-107,21-140,21-148 | CABLE ADJUSTMENT, THROTTLE VALVE    | 21-146           | TROUBLE CODE DESCRIPTIONS           | 8C-6               |
| BOLTS, CYLINDER HEAD             | 9-69                        | CABLE, REAR PARKING BRAKE           | 5-21             | CHARGING SYSTEM, ON-BOARD           |                    |
| BOOSTER, MASTER CYLINDER/POWER   | 5-9                         | CABLE RESISTANCE, SPARK PLUG        | 8D-23            | DIAGNOSTIC TEST                     | 8C-5               |
| BOOSTER, POWER BRAKE             | 5-16,5-2                    | CABLE, TEMPERATURE CONTROL          | 24-28            | CHARGING SYSTEM OPERATION           | 8C-1               |
| BOOT, SHIFT                      | 23-35                       | CABLE TENSIONER, PARKING BRAKE      | 5-27             | CHARGING SYSTEM RESISTANCE TESTS    | 8C-3               |
| BORES, HONING CYLINDER           | 9-2                         | CABLE, THROTTLE                     | 14-15            | CHART, TORQUE                       | 5-37               |
| BOTTLE, COOLANT RESERVE/OVERFLOW | 7-24                        | CABLES, SPARK PLUG                  | 8D-10,8D-13,8D-3 | CHART, TORQUE; BRAKES               | 5-29               |
| BOX COMPONENTS, GLOVE            | 8E-22                       | CALIPER                             | 5-25             | CHART, TORQUE; CHARGING SYSTEM      | 8C-8               |
| BOX, GLOVE                       | 8E-22                       | CALIPER, DISC BRAKE                 | 5-17,5-23        | CHART, TORQUE; EMISSION CONTROL     |                    |
| BOX LATCH STRIKER, GLOVE         | 8E-23                       | CAMS, ADJUSTMENT WITH               | 3-13             | SYSTEMS                             | 25-14              |
| BRACKET, REARVIEW MIRROR SUPPORT | 23-38                       | CAMSHAFT                            | 9-38,9-72        | CHART, TORQUE; FUEL SYSTEM          | 14-16,14-39        |
| BRAKE BLEEDING                   | 5-12                        | CAMSHAFT AND CRANKSHAFT POSITION    |                  | CHART, TORQUE; IGNITION SYSTEM      | 8D-23              |
| BRAKE BOOSTER, POWER             | 5-16,5-2                    | SENSORS                             | 14-32            | CHART, TORQUE; STEERING             | 19-19,19-27,19-30, |
| BRAKE CABLE, REAR PARKING        | 5-21                        | CAMSHAFT BEARINGS                   | 9-41             | 19-33,19-8                          |                    |
| BRAKE CABLE TENSIONER, PARKING   | 5-27                        | CAMSHAFT PIN REPLACEMENT            | 9-39,9-74        | CHART, TORQUE; SUSPENSION           | 2-11,2-15          |
| BRAKE CALIPER, DISC              | 5-17,5-23                   | CAMSHAFT POSITION SENSOR; 8W-30     |                  | CHART, TORQUE; TIRES AND WHEELS     | 22-10              |
| BRAKE COMPONENTS                 | 5-28                        | FUEL/IGNITION SYSTEMS               | 8W-30-3          | CHART, VEHICLE IDENTIFICATION       |                    |
| BRAKE DRUM                       | 5-10                        | CAMSHAFT POSITION SENSOR; FUEL      |                  | NUMBER DECODING                     | Intro-1            |
| BRAKE DRUM MACHINING             | 5-13                        | SYSTEM                              | 14-37            | CHARTS, DIAGNOSIS                   | 21-85              |
| BRAKE FLUID                      | 5-28                        | CAMSHAFT POSITION SENSOR;           |                  | CHARTS, POWER STEERING SYSTEM       |                    |
| BRAKE FLUID CONTAMINATION        | 5-11                        | IGNITION SYSTEM                     | 8D-16,8D-4,8D-8  | DIAGNOSIS                           | 19-2               |
| BRAKE FLUID LEVEL                | 5-12                        | CAMSHAFT POSITION SENSOR—PCM        |                  | CHECK COIL TEST                     | 8D-6               |
| BRAKE HAND LEVER, PARKING        | 5-21                        | INPUT                               | 14-22            | CHECK, FLUID LEVEL                  | 21-93              |
| BRAKE HOSES AND LINES            | 5-6                         | CANISTER, EVAP                      | 25-11,25-13      | CHECK GAUGES LAMP                   | 8E-13,8E-6         |
| BRAKE LINE                       | 5-13                        | CANISTER PURGE SOLENOID, DUTY       |                  | CHECK, OIL COOLER FLOW              | 21-78              |
| BRAKE LINE AND HOSES             | 5-11                        | CYCLE EVAP; EMISSION CONTROL        |                  | CHECK, RADIATOR CAP-TO-FILLER NECK  |                    |
| BRAKE, PARKING                   | 5-11,5-5                    | SYSTEMS                             | 25-11            | SEAL—PRESSURE RELIEF                | 7-21               |
| BRAKE PEDAL                      | 5-14,5-2                    | CANISTER PURGE SOLENOID, DUTY       |                  | CHECK, RADIATOR COOLANT FLOW        | 7-19               |
| BRAKE, REAR DRUM                 | 5-26,5-27,5-4               | CYCLE EVAP; FUEL SYSTEM             | 14-36            | CHECK, ROUTINE COOLANT LEVEL        | 7-22               |
| BRAKE ROTOR, DISC                | 5-10,5-19                   | CANISTER PURGE SOLENOID, EVAP       | 25-14            | CHECK VALVE SERVICE, CONVERTER      |                    |
| BRAKE SHOES, DISC                | 5-17                        | CAP, DISTRIBUTOR                    | 8D-7             | DRAINBACK                           | 21-95              |
| BRAKE SHOES, DRUM                | 5-19                        | CAP, FUEL TANK FILLER TUBE;         |                  | CHECK VALVE, VACUUM                 | 24-27,24-8         |
| BRAKE SWITCH—PCM INPUT           | 14-22                       | EMISSION CONTROL SYSTEMS            | 25-12,25-14      | CHECKING FLUID LEVEL AND            |                    |
| BRAKE SYSTEM                     | 5-2                         | CAP, FUEL TANK FILLER TUBE; FUEL    |                  | CONDITION                           | 21-77              |
| BRAKE SYSTEM, ANTILOCK           | 5-30                        | SYSTEM                              | 14-5             | CHECKING FOR TERMINAL SPREADING     | 8W-01-6            |
| BRAKE SYSTEM, BASE               | 5-1,5-6                     | CAP, RADIATOR PRESSURE              | 7-32,7-5         | CHECKS, PRELIMINARY                 | 7-12               |
| BRAKE SYSTEM, BLEEDING ABS       | 5-33                        | CAPACITIES, COOLING SYSTEM          | 7-33             | CHIME                               | 8W-40-2            |
| BRAKE SYSTEM LAMP, ANTI-LOCK     | 8E-12,8E-5                  | CAPACITIES, FLUID                   | 0-2              | CHIME WARNING SYSTEM SWITCHES       | 8U-4               |
| BRAKE TRANSMISSION SHIFT         |                             | CAPACITY, FUEL TANK                 | 14-16            | CHMSL LAMPS, STOP LAMPS             | 8W-51-1            |
| INTERLOCK                        | 21-96                       | CAPS, PRESSURE TESTING RADIATOR     | 7-22             | CIGAR LIGHTER                       | 8W-41-1            |
| BRAKE TRANSMISSION SHIFT         |                             | CAP-TO-FILLER NECK SEAL—PRESSURE    |                  | CIGAR LIGHTER/POWER OUTLET          | 8E-14,8E-6         |
| INTERLOCK MECHANISM              | 21-75                       | RELIEF CHECK, RADIATOR              | 7-21             | CIRCUIT ACTUATION TEST MODE         | 25-2               |
| BRAKE WARNING LAMP; 8W-40        |                             | CARDAN (CV), DOUBLE                 | 3-10             | CIRCUIT IDENTIFICATION              | 8W-01-2            |
| INSTRUMENT CLUSTER               | 8W-40-1                     | CARDAN JOINT, SINGLE AND DOUBLE     | 3-12             | CIRCUIT SENSE—PCM INPUT, IGNITION   | 14-24              |
| BRAKE WARNING LAMP; INSTRUMENT   |                             | CARDAN, SINGLE                      | 3-8              | CIRCUIT TESTS, CONTROL              | 8B-7               |
| PANEL SYSTEMS                    | 8E-13,8E-6                  | CARDAN U-JOINT                      | 3-34             | CIRCUIT TESTS, FEED                 | 8B-5               |

| Description                                                          | Group-Page             | Description                                                | Group-Page               | Description                                                                | Group-Page               |
|----------------------------------------------------------------------|------------------------|------------------------------------------------------------|--------------------------|----------------------------------------------------------------------------|--------------------------|
| CIRCUITS, NON-MONITORED                                              | 25-9                   | COMPRESSION PRESSURE TEST, CYLINDER                        | 9-9                      | CONVERTER, CATALYTIC                                                       | 11-1                     |
| CIRCUITS-PCM OUTPUTS, CCD BUS (+/-)                                  | 14-26                  | COMPRESSOR                                                 | 24-16,24-21,24-5         | CONVERTER CLUTCH ENGAGEMENT                                                | 21-75                    |
| CLAMPS, FUEL TUBES/LINES/HOSES                                       | 14-8                   | COMPRESSOR CLUTCH                                          | 24-21,24-5               | CONVERTER CLUTCH (TCC) SOLENOID, TORQUE; 8W-30 FUEL/IGNITION SYSTEMS       | 8W-30-5                  |
| CLASSIFICATION OF LUBRICANTS                                         | 0-2                    | COMPRESSOR CLUTCH COIL                                     | 24-16                    | CONVERTER CLUTCH (TCC) SOLENOID, TORQUE; 8W-31 TRANSMISSION CONTROL SYSTEM | 8W-31-1                  |
| CLEANER ELEMENT, AIR                                                 | 14-38                  | COMPRESSOR CLUTCH RELAY                                    | 24-17,24-24,24-5         | CONVERTER DRAINBACK CHECK VALVE SERVICE                                    | 21-95                    |
| CLEANING OF TIRES                                                    | 22-6                   | CONDENSER                                                  | 24-24,24-6               | CONVERTER DRAINBACK VALVE                                                  | 21-75                    |
| CLEAN-UP PROCEDURE                                                   | 8M-4                   | CONDITION, CHECKING FLUID LEVEL                            | 21-77                    | CONVERTER HOUSING FLUID LEAK DIAGNOSIS                                     | 21-82                    |
| CLOCKSPRING                                                          | 8M-3,8M-8              | CONDITIONER CONTROLS, HEATER AND AIR                       | 24-2                     | CONVERTER STALL TEST                                                       | 21-81                    |
| CLOCKSPRING CENTERING                                                | 8M-9                   | CONDITIONER, HEATER AND AIR                                | 24-1                     | CONVERTER, TORQUE                                                          | 21-105                   |
| CLUSTER BEZEL                                                        | 8E-19                  | CONDITIONING (A/C) CLUTCH RELAY—PCM OUTPUT, AIR            | 14-25                    | CONVERTER, TRANSMISSION                                                    | 21-102                   |
| CLUSTER BULBS                                                        | 8E-20                  | CONDITIONING (A/C) CONTROLS—PCM INPUT, AIR                 | 14-21                    | CONVERTER—ELECTRONIC CLUTCH, TORQUE                                        | 21-74                    |
| CLUSTER GEAR, OUTPUT SHAFT                                           | 21-59                  | CONDITIONS, SPARK PLUG                                     | 8D-11                    | COOLANT                                                                    | 7-2                      |
| CLUSTER ILLUMINATION LAMPS                                           | 8E-14,8E-6             | CONNECTING ROD BEARINGS, FITTING                           | 9-22,9-58                | COOLANT, ADDING ADDITIONAL                                                 | 7-23                     |
| CLUSTER, INSTRUMENT; CHIME/BUZZER WARNING SYSTEMS                    | 8U-1,8U-3              | CONNECTING RODS, PISTONS                                   | 9-44,9-78                | COOLANT FLOW CHECK, RADIATOR                                               | 7-19                     |
| CLUSTER, INSTRUMENT; ELECTRICALLY HEATED SYSTEMS                     | 8N-2,8N-4              | CONNECTIONS, INTERMITTENT AND POOR                         | 8W-01-5                  | COOLANT LEVEL AERATION, LOW                                                | 7-22                     |
| CLUSTER, INSTRUMENT; INSTRUMENT PANEL SYSTEMS                        | 8E-20,8E-8             | CONNECTOR AND TERMINAL REPLACEMENT                         | 8W-01-9                  | COOLANT LEVEL CHECK, ROUTINE                                               | 7-22                     |
| CLUSTER LENS                                                         | 8E-20                  | CONNECTOR, DATA LINK; 8W-30 FUEL/IGNITION SYSTEMS          | 8W-30-1                  | COOLANT LEVEL, SERVICE                                                     | 7-23                     |
| CLUSTERS, INSTRUMENT                                                 | 8E-2                   | CONNECTOR, DATA LINK; 8W-35 ALL-WHEEL ANTI-LOCK BRAKES     | 8W-35-2                  | COOLANT PERFORMANCE                                                        | 7-4                      |
| CLUTCH AND BAND OPERATION, AIR TESTING TRANSMISSION                  | 21-82                  | CONNECTOR REPLACEMENT                                      | 8W-01-8                  | COOLANT RESERVE/OVERFLOW BOTTLE                                            | 7-24                     |
| CLUTCH COIL, COMPRESSOR                                              | 24-16                  | CONNECTOR/GROUND LOCATIONS; 8W-01 GENERAL INFORMATION      | 8W-01-1                  | COOLANT RESERVE/OVERFLOW SYSTEM                                            | 7-4                      |
| CLUTCH COMPONENT LUBRICATION                                         | 6-9                    | CONNECTOR/GROUND LOCATIONS; 8W-90 CONNECTOR LOCATIONS      | 8W-90-1                  | COOLANT ROUTING, SYSTEM                                                    | 7-2                      |
| CLUTCH COMPONENTS                                                    | 6-1                    | CONNECTOR—PCM INPUT AND OUTPUT, DATA LINK                  | 14-26                    | COOLANT SELECTION AND ADDITIVES                                            | 7-5                      |
| CLUTCH, COMPRESSOR                                                   | 24-21,24-5             | CONNECTORS                                                 | 8W-01-3                  | COOLANT SERVICE                                                            | 7-22                     |
| CLUTCH COVER AND DISC                                                | 6-10                   | CONNECTORS, TERMINAL/CONNECTOR REPAIR—MOLEX                | 8W-01-7                  | COOLANT TEMPERATURE GAUGE                                                  | 8E-3,8E-9                |
| CLUTCH ENGAGEMENT, CONVERTER                                         | 21-75                  | CONNECTORS, TERMINAL/CONNECTOR REPAIR—THOMAS AND BETTS     | 8W-01-8                  | COOLANT TEMPERATURE GAUGE, ENGINE                                          | 8W-40-2                  |
| CLUTCH FLUID LEVEL                                                   | 6-9                    | CONSOLE, FULL FLOOR                                        | 23-34                    | COOLANT TEMPERATURE SENSOR, ENGINE; 8W-30 FUEL/IGNITION SYSTEMS            | 8W-30-3                  |
| CLUTCH, FRONT                                                        | 21-129,21-144          | CONSOLE, LOCK CYLINDER                                     | 23-34                    | COOLANT TEMPERATURE SENSOR, ENGINE; FUEL SYSTEM                            | 14-32,14-38              |
| CLUTCH HOUSING                                                       | 6-12                   | CONSOLE, MINI FLOOR                                        | 23-34                    | COOLANT TEMPERATURE SENSOR, ENGINE; IGNITION SYSTEM                        | 8D-10,8D-16,8D-5         |
| CLUTCH HYDRAULIC LINKAGE                                             | 6-12                   | CONT, COOLING SYSTEM DIAGNOSIS                             | 7-14,7-15,7-16,7-17,7-18 | COOLANT TEMPERATURE SENSOR—PCM INPUT, ENGINE                               | 14-22                    |
| CLUTCH INTERLOCK SAFETY SWITCH BY-PASS                               | 6-1                    | CONTAMINATION, BRAKE FLUID                                 | 5-11                     | COOLER, AUTOMATIC TRANSMISSION OIL                                         | 7-24                     |
| CLUTCH LINKAGE FLUID                                                 | 6-9                    | CONTAMINATION, FLUID CONTINUED                             | 21-78                    | COOLER, AUXILIARY TRANSMISSION OIL                                         | 7-24                     |
| CLUTCH OPERATION                                                     | 6-2                    | CONTROL AND DISPLAY SYMBOLS, INTERNATIONAL                 | Intro.-4                 | COOLER FLOW CHECK, OIL                                                     | 21-78                    |
| CLUTCH PEDAL                                                         | 6-13                   | CONTROL AND DISPLAY SYMBOLS, INTERNATIONAL VEHICLE         | Intro.-4                 | COOLER LINE AND FITTINGS, TRANSMISSION                                     | 21-102                   |
| CLUTCH, REAR                                                         | 21-130,21-144          | CONTROL CABLE, TEMPERATURE                                 | 24-28                    | COOLER, TRANSMISSION OIL                                                   | 7-3                      |
| CLUTCH RELAY, COMPRESSOR                                             | 24-17,24-24,24-5       | CONTROL CIRCUIT TESTS                                      | 8B-7                     | COOLER—AUXILIARY, TRANSMISSION                                             | 21-102                   |
| CLUTCH RELAY—PCM OUTPUT, AIR                                         | 14-25                  | CONTROL, HEATER-A/C                                        | 24-27                    | COOLERS AND TUBES, FLUSHING                                                | 21-95                    |
| CONDITIONING (A/C)                                                   | 14-25                  | CONTROL (IAC) MOTOR, IDLE AIR; 8W-30 FUEL/IGNITION SYSTEMS | 8W-30-5                  | COOLING                                                                    | 7-34                     |
| CLUTCH SWITCH, LOW PRESSURE CYCLING                                  | 24-18,24-26,24-7       | CONTROL (IAC) MOTOR, IDLE AIR; FUEL SYSTEM                 | 14-33,14-35              | COOLING SYSTEM                                                             | 7-32,7-1                 |
| CLUTCH (TCC) SOLENOID, TORQUE CONVERTER; 8W-30 FUEL/IGNITION SYSTEMS | 8W-30-5                | CONTROL (IAC) MOTOR—PCM OUTPUT, IDLE AIR                   | 14-26                    | COOLING SYSTEM CAPACITIES                                                  | 7-33                     |
| CLUTCH (TCC) SOLENOID, TORQUE CONVERTER; 8W-31 TRANSMISSION          | 8W-31-1                | CONTROL INFORMATION (VECI) LABEL, VEHICLE EMISSION         | 25-13                    | COOLING SYSTEM COMPONENTS                                                  | 7-2                      |
| CONTROL SYSTEM                                                       | 8W-31-1                | CONTROL MODULE, AIRBAG; 8W-43 AIRBAG SYSTEM                | 8W-43-1                  | COOLING SYSTEM DIAGNOSIS                                                   | 7-13                     |
| CLUTCH, TORQUE CONVERTER—ELECTRONIC                                  | 21-74                  | CONTROL MODULE, AIRBAG; PASSIVE RESTRAINT SYSTEMS          | 8M-3,8M-8                | COOLING SYSTEM DIAGNOSIS CONT                                              | 7-14,7-15,7-16,7-17,7-18 |
| CLUTCH/LOW-REVERSE DRUM, OVERRUNNING                                 | 21-124                 | CONTROL MODULE (PCM), POWERTRAIN; FUEL SYSTEM              | 14-20,14-36              | COOLING SYSTEM, DRAINING                                                   | 7-23                     |
| CLUTCH/LOW-REVERSE DRUM/REAR SUPPORT, OVERRUNNING                    | 21-142                 | CONTROL MODULE (PCM), POWERTRAIN; IGNITION SYSTEM          | 8D-20                    | COOLING SYSTEM FOR LEAKS, TESTING                                          | 7-19                     |
| COAT FINISH, BASE COAT/CLEAR                                         | 23-2                   | CONTROL MODULE, POWERTRAIN                                 | 8D-2                     | COOLING SYSTEM HOSES                                                       | 7-33,7-6                 |
| COAT/CLEAR COAT FINISH, BASE                                         | 23-2                   | CONTROL SYSTEM, EVAPORATION (EVAP)                         | 25-11                    | COOLING SYSTEM, REFILLING                                                  | 7-23                     |
| CODE, ANTI-THEFT SECURITY                                            | 8F-6                   | CONTROL SYSTEM, HYDRAULIC                                  | 21-74                    | CORE, HEATER                                                               | 24-33,24-6               |
| CODE DESCRIPTIONS, CHARGING SYSTEM DIAGNOSTIC TROUBLE                | 8C-6                   | CONTROL UNIT, HYDRAULIC; 8W-35 ALL-WHEEL ANTI-LOCK BRAKES  | 8W-35-1                  | COUPLERS, REFRIGERANT LINE                                                 | 24-20,24-7               |
| CODE IDENTIFICATION, WIRE                                            | 8W-01-2                | CONTROL UNIT, HYDRAULIC; BRAKES                            | 5-31                     | COURTESY LAMPS, DOME/CARGO LAMP, SOUND BAR LAMP                            | 8W-44-1                  |
| CODE, PAINT                                                          | 23-2                   | CONTROL VALVE, FLOW                                        | 19-8                     | COVER AND DISC, CLUTCH                                                     | 6-10                     |
| CODE PLATE, BODY                                                     | Intro.-2               | CONTROLLER ANTILOCK BRAKES                                 | 5-31,5-34                | COVER AND HORN SWITCH, DRIVER AIRBAG TRIM                                  | 8M-6                     |
| CODES, DIAGNOSTIC TROUBLE                                            | 25-2                   | CONTROLLER UNIT, HYDRAULIC                                 | 5-34                     | COVER, BUCKET SEAT CUSHION                                                 | 23-9                     |
| CODES, OVERSIZE AND UNDERSIZE COMPONENT                              | 9-19,9-54              | CONTROLS, EVAPORATIVE EMISSION                             | 25-11                    | COVER, BUCKET SEATBACK                                                     | 23-9                     |
| COIL, COMPRESSOR CLUTCH                                              | 24-16                  | CONTROLS, HEATER AND AIR                                   | 24-2                     | COVER, CYLINDER HEAD                                                       | 9-30                     |
| COIL, EVAPORATOR                                                     | 24-33,24-6             | CONDITIONER                                                | 24-1                     | COVER, ENGINE CYLINDER HEAD                                                | 9-66,9-84                |
| COIL, IGNITION; 8W-30 FUEL/IGNITION SYSTEMS                          | 8W-30-5                | CONTROLS—PCM INPUT, AIR                                    | 14-21                    | COVER, INSTRUMENT PANEL TOP                                                | 8E-19                    |
| COIL, IGNITION; IGNITION SYSTEM                                      | 8D-14,8D-23,8D-3       | CONDITIONING (A/C)                                         | 14-21                    | COVER OIL SEAL, TIMING CASE                                                | 9-36,9-80                |
| COIL SPRING                                                          | 2-13,2-7               | CONVERSION FORMULAS AND EQUIVALENT VALUES                  | Intro.-7                 | COVER, PITMAN SHAFT                                                        | 19-23                    |
| COIL TEST, CHECK                                                     | 8D-6                   | CONVERSION, METRIC                                         | Intro.-8                 | COVER, REAR SEAT CUSHION                                                   | 23-10                    |
| COIL, TESTING FOR SPARK AT                                           | 8D-5                   |                                                            |                          | COVER, REAR SEATBACK                                                       | 23-10                    |
| COIL—PCM OUTPUT, IGNITION                                            | 14-27                  |                                                            |                          | COVER, STEERING COLUMN                                                     | 8E-18                    |
| COLD CRANKING TEST                                                   | 8B-5                   |                                                            |                          | COVER, TIMING CASE                                                         | 9-36,9-71                |
| COLUMN COVER, STEERING                                               | 8E-18                  |                                                            |                          | COWL GRILLE AND SCREEN                                                     | 23-14                    |
| COLUMN, STEERING                                                     | 19-29                  |                                                            |                          | COWL WEATHERSTRIP                                                          | 23-14                    |
| COMBINATION FLASHER; 8W-52 TURN SIGNALS                              | 8W-52-1                |                                                            |                          | CRANKCASE VENTILATION SYSTEM                                               | 25-12                    |
| COMBINATION FLASHER; TURN SIGNAL AND HAZARD WARNING SYSTEMS          | 8J-1,8J-3              |                                                            |                          | CRANKING TEST, COLD                                                        | 8B-5                     |
| COMBINATION VALVE                                                    | 5-15,5-33,5-36,5-4,5-9 |                                                            |                          | CRANKSHAFT MAIN BEARINGS                                                   | 9-41,9-77                |
| COMBUSTION PRESSURE LEAKAGE TEST, CYLINDER                           | 9-9                    |                                                            |                          | CRANKSHAFT MAIN BEARINGS, FITTING                                          | 9-24,9-60                |

| Description                                                        | Group-Page          | Description                                              | Group-Page               | Description                                                       | Group-Page     |
|--------------------------------------------------------------------|---------------------|----------------------------------------------------------|--------------------------|-------------------------------------------------------------------|----------------|
| CRANKSHAFT POSITION SENSOR; 8W-30 FUEL/IGNITION SYSTEMS            | 8W-30-3             | DIAGNOSIS CHARTS                                         | 21-85                    | DISC BRAKE CALIPER                                                | 5-17,5-23      |
| CRANKSHAFT POSITION SENSOR; FUEL SYSTEM                            | 14-37               | DIAGNOSIS CHARTS, POWER STEERING SYSTEM                  | 19-2                     | DISC BRAKE ROTOR                                                  | 5-10,5-19      |
| CRANKSHAFT POSITION SENSOR; IGNITION SYSTEM                        | 8D-15,8D-3          | DIAGNOSIS CONT., COOLING SYSTEM                          | 7-14,7-15,7-16,7-17,7-18 | DISC BRAKE SHOES                                                  | 5-17           |
| CRANKSHAFT POSITION SENSOR TEST                                    | 8D-8                | DIAGNOSIS (CONT'D), SERVICE                              | 3-52,3-87                | DISC BRAKES, FRONT                                                | 5-4            |
| CRANKSHAFT POSITION SENSOR—PCM INPUT                               | 14-22               | DIAGNOSIS, CONVERTER HOUSING FLUID LEAK                  | 21-82                    | DISC CLUTCH COVER                                                 | 6-10           |
| CRANKSHAFT POSITION SENSORS, CAMSHAFT                              | 14-32               | DIAGNOSIS, COOLING SYSTEM                                | 7-13                     | DISC ROTOR MACHINING                                              | 5-12           |
| CURRENT OUTPUT TEST                                                | 8C-4                | DIAGNOSIS, DAYTIME RUNNING LAMP                          | 8L-4                     | DISCHARGE (ESD) SENSITIVE DEVICES, ELECTROSTATIC                  | 8W-01-5        |
| CUSHION COVER, BUCKET SEAT                                         | 23-9                | DIAGNOSIS, ENGINE                                        | 9-8                      | DISPLAY SYMBOLS, INTERNATIONAL CONTROL                            | Intro.-4       |
| CUSHION COVER, REAR SEAT                                           | 23-10               | DIAGNOSIS, ENGINE CYLINDER HEAD GASKET FAILURE           | 9-9                      | DISPLAY SYMBOLS, INTERNATIONAL VEHICLE CONTROL                    | Intro.-4       |
| CUT-OFF SWITCH, HIGH PRESSURE                                      | 24-17,24-24,24-6    | DIAGNOSIS, EXHAUST SYSTEM                                | 11-3                     | DISPLAY TEST MODE, STATE                                          | 25-2           |
| CYCLE EVAP CANISTER PURGE SOLENOID, DUTY; EMISSION CONTROL SYSTEMS | 25-11               | DIAGNOSIS, FOG LAMP                                      | 8L-3                     | DISTANCE SENSOR—PCM INPUT, VEHICLE SPEED                          | 14-24          |
| CYCLE EVAP CANISTER PURGE SOLENOID, DUTY; FUEL SYSTEM              | 14-36               | DIAGNOSIS, HEADLAMP                                      | 8L-2                     | DISTRIBUTOR                                                       | 8D-17,8D-2     |
| CYCLE EVAP PURGE SOLENOID VALVE—PCM OUTPUT, DUTY                   | 14-26               | DIAGNOSIS, INTAKE MANIFOLD LEAKAGE                       | 9-9                      | DISTRIBUTOR CAP                                                   | 8D-7           |
| CYCLE EVAP/PURGE SOLENOID, DUTY                                    | 8W-30-5             | DIAGNOSIS, LAMP                                          | 8L-1                     | DISTRIBUTOR ROTOR                                                 | 8D-8           |
| CYCLING CLUTCH SWITCH, LOW PRESSURE                                | 24-18,24-26,24-7    | DIAGNOSIS, NV231                                         | 21-168                   | DOME LAMP                                                         | 8L-12,8L-9     |
| CYLINDER BLOCK                                                     | 9-47,9-48,9-83,9-84 | DIAGNOSIS, POWER STEERING GEAR LEAKAGE                   | 19-10                    | DOME/CARGO LAMP, SOUND BAR LAMP, COURTESY LAMPS                   | 8W-44-1        |
| CYLINDER BORES, HONING                                             | 9-2                 | DIAGNOSIS, PRELIMINARY                                   | 21-76                    | DOOR ADJUSTMENT                                                   | 23-45          |
| CYLINDER COMBUSTION PRESSURE LEAKAGE TEST                          | 9-9                 | DIAGNOSIS, PUMP LEAKAGE                                  | 19-5                     | DOOR AJAR SWITCH, DRIVER                                          | 8U-1           |
| CYLINDER COMPRESSION PRESSURE TEST                                 | 9-9                 | DIAGNOSIS, SERVICE                                       | 3-51,3-86                | DOOR, FULL                                                        | 23-20          |
| CYLINDER, CONSOLE LOCK                                             | 23-34               | DIAGNOSIS, SHOCK                                         | 2-12,2-6                 | DOOR GLASS, FULL                                                  | 23-23          |
| CYLINDER, FULL DOOR LOCK                                           | 23-22               | DIAGNOSIS, STARTING SYSTEM                               | 8B-4                     | DOOR GLASS RUN CHANNEL                                            |                |
| CYLINDER, HALF DOOR LOCK                                           | 23-26               | DIAGNOSIS, SYSTEM                                        | 14-20                    | WEATHERSTRIP, FULL                                                | 23-24          |
| CYLINDER HEAD BOLTS                                                | 9-69                | DIAGNOSIS, TRAC-LOK NOISE                                | 3-53,3-88                | DOOR, HALF                                                        | 23-25          |
| CYLINDER HEAD COVER                                                | 9-30                | DIAGNOSIS—LUBRICATION, SERVICE                           | 9-15                     | DOOR HINGE, FULL                                                  | 23-20          |
| CYLINDER HEAD COVER, ENGINE                                        | 9-66,9-84           | DIAGNOSIS—MECHANICAL, SERVICE                            | 9-14                     | DOOR HINGE, HALF                                                  | 23-26          |
| CYLINDER HEAD, ENGINE                                              | 9-32,9-48,9-68,9-83 | DIAGNOSIS—PERFORMANCE, SERVICE                           | 9-12                     | DOOR INNER BELT WEATHERSTRIP, FULL                                | 23-24          |
| CYLINDER HEAD GASKET FAILURE                                       |                     | DIAGNOSTIC INFORMATION; CLUTCH                           | 6-2                      | DOOR INSIDE HANDLE ACTUATOR, FULL                                 | 23-23          |
| DIAGNOSIS, ENGINE                                                  | 9-9                 | DIAGNOSTIC INFORMATION; DIFFERENTIAL AND DRIVELINE       | 3-16,3-48,3-83           | DOOR INSIDE HANDLE ACTUATOR, HALF                                 | 23-27          |
| CYLINDER, IGNITION SWITCH AND KEY LOCK                             | 8D-20               | DIAGNOSTIC PROCEDURES                                    | 8L-1                     | DOOR JAMB SWITCH, DRIVER                                          | 8U-2           |
| CYLINDER, IGNITION SWITCH AND KEY LOCK                             | 8D-5                | DIAGNOSTIC TEST FOR CHARGING SYSTEM, ON-BOARD            | 8C-5                     | DOOR LATCH, FULL                                                  | 23-22          |
| CYLINDER, LIFTGATE GLASS SUPPORT                                   | 23-40               | DIAGNOSTIC TROUBLE CODE DESCRIPTIONS, CHARGING SYSTEM    | 8C-6                     | DOOR LATCH, HALF                                                  | 23-26          |
| CYLINDER, MASTER                                                   | 5-12,5-16,5-3       | DIAGNOSTIC TROUBLE CODES                                 | 25-2                     | DOOR LATCH STRIKER, FULL                                          | 23-22          |
| CYLINDER RESERVOIR, MASTER                                         | 5-22                | DIAGNOSTICS (OBD), ON-BOARD                              | 7-7                      | DOOR LATCH STRIKER, HALF                                          | 23-27          |
| CYLINDER, TAILGATE LOCK                                            | 23-43               | DIAGNOSTICS, ON-BOARD                                    | 25-1                     | DOOR LOCK CYLINDER, FULL                                          | 23-22          |
| CYLINDER, WHEEL                                                    | 5-20,5-25,5-26      | DIAGRAM INDEX, WIRING; 8W-20 CHARGING SYSTEM             | 8W-20-1                  | DOOR LOCK CYLINDER, HALF                                          | 23-26          |
| CYLINDER/POWER BOOSTER, MASTER                                     | 5-9                 | DIAGRAM INDEX, WIRING; 8W-21 STARTING SYSTEM             | 8W-21-1                  | DOOR OPENING FRAME                                                | 23-31          |
| DAMAGED OR WORN THREADS, REPAIR                                    | 9-4                 | DIAGRAM INDEX, WIRING; 8W-30 FUEL/IGNITION SYSTEMS       | 8W-30-5                  | DOOR OUTER BELT SEAL, FULL                                        | 23-24          |
| DAMPENER, STEERING                                                 | 19-32               | DIAGRAM INDEX, WIRING; 8W-31 TRANSMISSION CONTROL SYSTEM | 8W-31-1                  | DOOR OUTSIDE HANDLE, HALF                                         | 23-26          |
| DAMPER, VIBRATION                                                  | 9-35,9-70           | DIAGRAM INDEX, WIRING; 8W-35 ALL-WHEEL ANTI-LOCK BRAKES  | 8W-35-2                  | DOOR OUTSIDE RELEASE HANDLE, FULL                                 | 23-21          |
| DATA LINK CONNECTOR; 8W-30 FUEL/IGNITION SYSTEMS                   | 8W-30-1             | DIAGRAM INDEX, WIRING; 8W-40 INSTRUMENT CLUSTER          | 8W-40-2                  | DOOR, PASSENGER AIRBAG                                            | 8M-7           |
| DATA LINK CONNECTOR; 8W-35 ALL-WHEEL ANTI-LOCK BRAKES              | 8W-35-2             | DIAGRAM INDEX, WIRING; 8W-41 HORN/CIGAR LIGHTER          | 8W-41-1                  | DOOR TRIM PANEL, FULL                                             | 23-20          |
| DATA LINK CONNECTOR—PCM INPUT AND OUTPUT                           | 14-26               | DIAGRAM INDEX, WIRING; 8W-42 AIR CONDITIONING/HEATER     | 8W-42-2                  | DOOR TRIM PANEL, HALF                                             | 23-25          |
| DAYTIME RUNNING LAMP (DRL)                                         | 8L-4                | DIAGRAM INDEX, WIRING; 8W-43 AIRBAG SYSTEM               | 8W-43-1                  | DOOR VACUUM ACTUATORS, MODE                                       | 24-30          |
| MODULE; 8W-50 FRONT LIGHTING                                       | 8W-50-1             | DIAGRAM INDEX, WIRING; 8W-44 INTERIOR LIGHTING           | 8W-44-1                  | DOOR WEATHERSTRIP, FULL                                           | 23-24          |
| DAYTIME RUNNING LAMP (DRL) MODULE; LAMPS                           | 8L-14               | DIAGRAM INDEX, WIRING; 8W-47 AUDIO SYSTEM                | 8W-47-1                  | DOOR WEATHERSTRIP, HALF                                           | 23-27          |
| DAYTIME RUNNING LIGHTS (CANADA ONLY)                               | 8L-14               | DIAGRAM INDEX, WIRING; 8W-48 REAR WINDOW DEFOGGER        | 8W-48-1                  | DOOR WINDOW, HALF                                                 | 23-28          |
| DEAERATION                                                         | 7-22                | DIAGRAM INDEX, WIRING; 8W-50 FRONT LIGHTING              | 8W-50-2                  | DOOR WINDOW REGULATOR, FULL                                       | 23-25          |
| DECALS, BODY                                                       | 23-16               | DIAGRAM INDEX, WIRING; 8W-51 REAR LIGHTING               | 8W-51-1                  | DOORS, HEATER-A/C HOUSING                                         | 24-32          |
| DECODING CHART, VEHICLE IDENTIFICATION NUMBER                      | Intro.-1            | DIAGRAM INDEX, WIRING; 8W-52 TURN SIGNALS                | 8W-52-1                  | DOUBLE CARDAN (CV)                                                | 3-10           |
| DEFINITION, TRIP                                                   | 25-8                | DIAGRAM INDEX, WIRING; 8W-53 WIPERS                      | 8W-53-2                  | DOUBLE CARDAN JOINT, SINGLE                                       | 3-12           |
| DEFOGGER, REAR WINDOW                                              | 8W-48-1             | DIFFERENTIAL                                             | 3-25,3-34,3-57,3-93      | DRAG LINK                                                         | 19-32          |
| DEFOGGER RELAY                                                     | 8N-2,8N-3,8N-6      | DIFFERENTIAL BEARING PRELOAD AND GEAR BACKLASH           | 3-108,3-37,3-72          | DRAINBACK CHECK VALVE SERVICE, CONVERTER                          | 21-95          |
| DEFOGGER SWITCH                                                    | 8N-2,8N-3,8N-5      | DIFFERENTIAL, LIMITED SLIP                               | 3-50,3-85                | DRAINBACK VALVE, CONVERTER                                        | 21-75          |
| DEFOGGER SYSTEM                                                    | 8N-2                | DIFFERENTIAL SIDE BEARINGS                               | 3-27,3-59,3-95           | DRAINING COOLING SYSTEM                                           | 7-23           |
| DELIVERY SYSTEM, FUEL                                              | 14-3                | DIFFERENTIAL, STANDARD                                   | 3-101,3-33,3-65          | DRAW FUSE, IGNITION-OFF                                           | 8F-1           |
| DEPTH, PINION GEAR                                                 | 3-105,3-34,3-69     | DIFFERENTIAL, TRAC-LOK                                   | 3-101,3-66               | DRAW TEST, IGNITION-OFF                                           | 8A-9           |
| DEPTH VARIANCE, PINION GEAR                                        | 3-106,3-35,3-70     | DIMENSIONS, VEHICLE; FRAME AND BUMPERS                   | 13-7                     | DRB SCAN TOOL                                                     | 7-8            |
| DESCRIPTION, ENGINE                                                | 9-16,9-53           | DIMENSIONS, VEHICLE; INTRODUCTION                        | Intro.-3                 | DRIVE (4WD) SWITCH, FOUR-WHEEL; 8W-31 TRANSMISSION CONTROL SYSTEM | 8W-31-1        |
| DESCRIPTION, SYSTEM                                                | 25-1                | DIMENSIONS, VEHICLE EXTERIOR                             | Intro.-3                 | DRIVE (4WD) SWITCH, FOUR-WHEEL; 8W-40 INSTRUMENT CLUSTER          | 8W-40-2        |
| DESCRIPTIONS, CHARGING SYSTEM DIAGNOSTIC TROUBLE CODE              | 8C-6                | DIMENSIONS, VEHICLE INTERIOR                             | Intro.-3                 | DRIVE AXLE ASSEMBLY REPLACEMENT                                   | 3-20           |
| DEVICES, ELECTROSTATIC DISCHARGE (ESD) SENSITIVE                   | 8W-01-5             | DIODE REPLACEMENT                                        | 8W-01-10                 | DRIVE AXLE, FRONT                                                 | 3-18           |
| DIAGNOSIS                                                          | 3-18                |                                                          |                          | DRIVE BELT, ACCESSORY                                             | 7-8            |
| DIAGNOSIS, AUTOMATIC TRANSMISSION                                  | 21-75               |                                                          |                          | DRIVE BELT, SERPENTINE                                            | 7-31           |
|                                                                    |                     |                                                          |                          | DRIVE BELTS, ENGINE ACCESSORY                                     | 7-2            |
|                                                                    |                     |                                                          |                          | DRIVE INDICATOR LAMPS, FOUR-WHEEL                                 | 8E-15,8E-6     |
|                                                                    |                     |                                                          |                          | DRIVE, VISCOUS FAN                                                | 7-20,7-31,7-6  |
|                                                                    |                     |                                                          |                          | DRIVELINE SNAP                                                    | 3-17,3-49,3-84 |
|                                                                    |                     |                                                          |                          | DRIVELINE VIBRATION                                               | 3-4            |
|                                                                    |                     |                                                          |                          | DRIVER AIRBAG TRIM COVER AND HORN SWITCH                          | 8M-6           |
|                                                                    |                     |                                                          |                          | DRIVER DOOR AJAR SWITCH                                           | 8U-1           |
|                                                                    |                     |                                                          |                          | DRIVER DOOR JAMB SWITCH                                           | 8U-2           |
|                                                                    |                     |                                                          |                          | DRIVER (-)—PCM OUTPUT, GENERATOR FIELD                            | 14-26          |
|                                                                    |                     |                                                          |                          | DRIVER SEAT BELT SWITCH                                           | 8U-2           |
|                                                                    |                     |                                                          |                          | DRUM, BRAKE                                                       | 5-10           |
|                                                                    |                     |                                                          |                          | DRUM BRAKE, REAR                                                  | 5-26,5-27,5-4  |

| Description                                                        | Group-Page          | Description                                                  | Group-Page      | Description                                                      | Group-Page      |
|--------------------------------------------------------------------|---------------------|--------------------------------------------------------------|-----------------|------------------------------------------------------------------|-----------------|
| DRUM BRAKE SHOES                                                   | 5-19                | EVAP PURGE SOLENOID VALVE-PCM                                |                 | FLUID, CAUSES OF BURNT                                           | 21-78           |
| DRUM MACHINING, BRAKE                                              | 5-13                | OUTPUT, DUTY CYCLE                                           | 14-26           | FLUID, CLUTCH LINKAGE                                            | 6-9             |
| DRUM, OVERRUNNING CLUTCH/LOW-REVERSE                               | 21-124              | EVAPORATION (EVAP) CONTROL SYSTEM                            | 25-11           | FLUID CONTAMINATION                                              | 21-78           |
| DRUM/REAR SUPPORT, OVERRUNNING CLUTCH/LOW-REVERSE                  | 21-142              | EVAPORATIVE EMISSION CONTROLS                                | 25-11           | FLUID CONTAMINATION, BRAKE                                       | 5-11            |
| DUCTS AND OUTLETS                                                  | 24-34               | EVAPORATOR COIL                                              | 24-33,24-6      | FLUID LEAK DIAGNOSIS, CONVERTER HOUSING                          | 21-82           |
| DUTY CYCLE EVAP CANISTER PURGE SOLENOID; EMISSION CONTROL SYSTEMS  | 25-11               | EVAP/PURGE SOLENOID, DUTY CYCLE                              | 8W-30-5         | FLUID LEVEL AND CONDITION, CHECKING                              | 21-77           |
| DUTY CYCLE EVAP CANISTER PURGE SOLENOID; FUEL SYSTEM               | 14-36               | EXHAUST HEAT SHIELDS                                         | 11-1            | FLUID LEVEL, BRAKE                                               | 5-12            |
| DUTY CYCLE EVAP PURGE SOLENOID VALVE-PCM OUTPUT                    | 14-26               | EXHAUST MANIFOLD—2.5L ENGINE                                 | 11-7            | FLUID LEVEL CHECK                                                | 21-93           |
| DUTY CYCLE EVAP/PURGE SOLENOID                                     | 8W-30-5             | EXHAUST MANIFOLD—4.0L ENGINE                                 | 11-8            | FLUID LEVEL, CLUTCH                                              | 6-9             |
| EFFECTS OF INCORRECT FLUID LEVEL                                   | 21-78               | EXHAUST PIPE                                                 | 11-3            | FLUID LEVEL, EFFECTS OF INCORRECT                                | 21-78           |
| ELECTROSTATIC DISCHARGE (ESD) SENSITIVE DEVICES                    | 8W-01-5             | EXHAUST SYSTEM                                               | 11-1            | FLUID, RECOMMENDED                                               | 21-74           |
| ELEMENT, AIR CLEANER                                               | 14-38               | EXHAUST SYSTEM DIAGNOSIS                                     | 11-3            | FLUSHING COOLERS AND TUBES                                       | 21-95           |
| ELEMENTS, WIPER BLADES                                             | 8K-7                | EXHAUSTER, HARD TOP AIR                                      | 23-29           | FLUSHING, REVERSE                                                | 7-23            |
| EMERGENCY TOW HOOKS                                                | 0-10                | EXTENSION, FRONT BUMPER                                      | 13-1            | FLYWHEEL                                                         | 6-9             |
| EMISSION CONTROL INFORMATION (VEC) LABEL, VEHICLE                  | 25-13               | EXTENSION HOUSING                                            | 21-98           | FOG LAMP                                                         | 8L-10           |
| EMISSION CONTROLS, EVAPORATIVE                                     | 25-11               | EXTENSION HOUSING AND PARK LOCK                              | 21-140          | FOG LAMP ADJUSTMENT                                              | 8L-7            |
| END PLUG, HOUSING                                                  | 19-11               | EXTENSION, REAR BUMPER                                       | 13-2            | FOG LAMP BULB                                                    | 8L-8            |
| ENGAGEMENT, CONVERTER CLUTCH                                       | 21-75               | EXTERIOR DIMENSIONS, VEHICLE                                 | Intro-3         | FOG LAMP DIAGNOSIS                                               | 8L-3            |
| ENGINE, 2.5L                                                       | 9-16                | EXTERIOR LAMPS                                               | 8L-15           | FOG LAMPS                                                        | 8W-50-1         |
| ENGINE, 4.0L                                                       | 9-53,9-88           | EYE, FRONT TOW                                               | 13-1            | FORK, SHIFT RAIL                                                 | 21-53           |
| ENGINE ACCESSORY DRIVE BELTS                                       | 7-2                 | EYE, REAR TOW                                                | 13-2            | FORM-IN-PLACE GASKETS                                            | 9-1             |
| ENGINE ASSEMBLY                                                    | 9-28,9-64           | FABRIC, SOFT TOP                                             | 23-30           | FORMULAS AND EQUIVALENT VALUES, CONVERSION                       | Intro-7         |
| ENGINE ASSEMBLY (SHORT BLOCK), SERVICE                             | 9-4                 | FAILURE DIAGNOSIS, ENGINE CYLINDER HEAD GASKET               | 9-9             | FOUR-WHEEL DRIVE (4WD) SWITCH; 8W-31 TRANSMISSION CONTROL SYSTEM | 8W-31-1         |
| ENGINE BLOCK HEATER                                                | 7-29,7-3            | FAILURE TO START TEST                                        | 8D-7            | FOUR-WHEEL DRIVE (4WD) SWITCH; 8W-40 INSTRUMENT CLUSTER          | 8W-40-2         |
| ENGINE COOLANT TEMPERATURE GAUGE                                   | 8W-40-2             | FAN                                                          | 7-30            | FOUR-WHEEL DRIVE INDICATOR LAMPS                                 | 8E-15,8E-6      |
| ENGINE COOLANT TEMPERATURE SENSOR; 8W-30 FUEL/IGNITION SYSTEMS     | 8W-30-3             | FAN BLADE                                                    | 7-32            | FRAME                                                            | 13-4            |
| ENGINE COOLANT TEMPERATURE SENSOR; FUEL SYSTEM                     | 14-32,14-38         | FAN DRIVE, VISCOUS                                           | 7-20,7-31,7-6   | FRAME, DOOR OPENING                                              | 23-31           |
| ENGINE COOLANT TEMPERATURE SENSOR; IGNITION SYSTEM                 | 8D-10,8D-16,8D-5    | FASTENER IDENTIFICATION                                      | Intro-4,Intro-5 | FRAME SERVICE                                                    | 13-5            |
| ENGINE COOLANT TEMPERATURE SENSOR—PCM INPUT                        | 14-22               | FASTENER STRENGTH                                            | Intro-6         | FRAME WEATHERSTRIP, WINDSHIELD                                   | 23-15           |
| ENGINE CYLINDER HEAD                                               | 9-32,9-48,9-68,9-83 | FASTENER USAGE                                               | Intro-7         | FRAME, WINDSHIELD                                                | 23-15           |
| ENGINE CYLINDER HEAD COVER                                         | 9-66,9-84           | FBI AXLE, 181                                                | 3-42            | FREQUENCY INTERFERENCE, RADIO                                    | 8F-6            |
| ENGINE CYLINDER HEAD GASKET FAILURE DIAGNOSIS                      | 9-9                 | FBI FRONT AXLE, 181                                          | 3-15            | FRONT AXLE, 181 FBI                                              | 3-15            |
| ENGINE DESCRIPTION                                                 | 9-16,9-53           | FEED, BATTERY                                                | 8W-30-1         | FRONT BAND ADJUSTMENT                                            | 21-147          |
| ENGINE DIAGNOSIS                                                   | 9-8                 | FEED CIRCUIT TESTS                                           | 8B-5            | FRONT BEARING RETAINER, ADAPTER HOUSING                          | 21-5            |
| ENGINE, ENGINE FIRING ORDER—2.5L 4-CYLINDER                        | 8D-22               | FENDER FLARE                                                 | 23-17           | FRONT BUMPER                                                     | 13-2            |
| ENGINE, ENGINE FIRING ORDER—4.0L 6-CYLINDER                        | 8D-22               | FENDER, FRONT                                                | 23-18           | FRONT BUMPER EXTENSION                                           | 13-1            |
| ENGINE, EXHAUST MANIFOLD—2.5L                                      | 11-7                | FIELD DRIVER (-)—PCM OUTPUT, GENERATOR                       | 14-26           | FRONT CARPET/MAT                                                 | 23-36           |
| ENGINE, EXHAUST MANIFOLD—4.0L                                      | 11-8                | FIELD SOURCE (+)—PCM OUTPUT, GENERATOR                       | 14-26           | FRONT CLUTCH                                                     | 21-129,21-144   |
| ENGINE FIRING ORDER—2.5L 4-CYLINDER ENGINE                         | 8D-22               | FIFTH GEAR AND SYNCHRO ASSEMBLY                              | 21-46           | FRONT DISC BRAKES                                                | 5-4             |
| ENGINE FIRING ORDER—4.0L 6-CYLINDER ENGINE                         | 8D-22               | FILL LEVEL, RECOMMENDED LUBRICANT                            | 21-167          | FRONT DRIVE AXLE                                                 | 3-18            |
| ENGINE, FUEL PUMP PRESSURE TEST—2.5L                               | 14-5                | FILL PROCEDURE, TRANSMISSION                                 | 21-94           | FRONT FENDER                                                     | 23-18           |
| ENGINE, FUEL PUMP PRESSURE TEST—4.0L                               | 14-6                | FILLER TUBE CAP, FUEL TANK; EMISSION CONTROL SYSTEMS         | 25-12,25-14     | FRONT PARK/TURN SIGNAL LAMP                                      | 8L-11           |
| ENGINE, INTAKE MANIFOLD—2.5L                                       | 11-4                | FILLER TUBE CAP, FUEL TANK; FUEL SYSTEM                      | 14-5            | FRONT PARK/TURN SIGNAL LAMP BULB                                 | 8L-8            |
| ENGINE, INTAKE MANIFOLD—4.0L                                       | 11-6                | FILTER, FUEL PUMP INLET                                      | 14-11           | FRONT PROPELLER SHAFT                                            | 3-6             |
| ENGINE MOUNT—REAR                                                  | 9-27,9-63           | FILTER REPLACEMENT, FLUID                                    | 21-93           | FRONT SERVO                                                      | 21-142          |
| ENGINE MOUNTS—FRONT                                                | 9-27,9-63           | FILTER/FUEL PRESSURE REGULATOR, FUEL                         | 14-10,14-4      | FRONT SERVO PISTON                                               | 21-125          |
| ENGINE OIL                                                         | 9-5                 | FINAL ASSEMBLY                                               | 3-100,3-31,3-65 | FRONT SHOULDER/LAP BELT AND BUCKLE                               | 23-31           |
| ENGINE OIL PRESSURE                                                | 9-11                | FINESS SANDING, BUFFING, AND POLISHING                       | 23-2            | FRONT SUSPENSION                                                 | 2-11,2-6        |
| ENGINE PERFORMANCE                                                 | 9-2                 | FINISH, BASE COAT/CLEAR COAT                                 | 23-2            | FRONT TOW EYE                                                    | 13-1            |
| ENGINE, POWER STEERING PRESSURE SWITCH—2.5L                        | 14-37               | FIRING ORDER—2.5L 4-CYLINDER ENGINE, ENGINE                  | 8D-22           | FRONT TOW HOOK                                                   | 13-1            |
| ENGINE SPECIFICATIONS, 2.5L                                        | 9-50                | FIRING ORDER—4.0L 6-CYLINDER ENGINE, ENGINE                  | 8D-22           | FRONT WHEEL SENSOR                                               | 5-34            |
| ENGINE SPECIFICATIONS, 4.0L                                        | 9-85                | FITTING CONNECTING ROD BEARINGS                              | 9-22,9-58       | FUEL DELIVERY SYSTEM                                             | 14-3            |
| ENGINE, STARTER NOISE - 2.5L                                       | 8B-8                | FITTING CRANKSHAFT MAIN BEARINGS                             | 9-24,9-60       | FUEL FILTER/FUEL PRESSURE REGULATOR                              | 14-10,14-4      |
| EQUIPMENT, REFRIGERANT SYSTEM SERVICE                              | 24-7                | FITTING, PISTON                                              | 9-19,9-56       | FUEL GAUGE; 8W-40 INSTRUMENT CLUSTER                             | 8W-40-2         |
| EQUIVALENT VALUES, CONVERSION FORMULAS                             | Intro-7             | FITTING, PISTON RING                                         | 9-20,9-57       | FUEL GAUGE; INSTRUMENT PANEL SYSTEMS                             | 8E-4,8E-9       |
| EVACUATE, REFRIGERANT SYSTEM                                       | 24-19               | FITTINGS, QUICK-CONNECT                                      | 14-5,14-8       | FUEL GAUGE SENDING UNIT                                          | 14-12,14-4,14-7 |
| EVAP CANISTER                                                      | 25-11,25-13         | FITTINGS, TRANSMISSION COOLER LINE                           | 21-102          | FUEL INJECTION SYSTEM                                            | 14-17           |
| EVAP CANISTER PURGE SOLENOID                                       | 25-14               | FIVE VOLT SENSOR SUPPLY—PRIMARY                              | 14-22           | FUEL INJECTOR RAIL                                               | 14-12           |
| EVAP CANISTER PURGE SOLENOID, DUTY CYCLE; EMISSION CONTROL SYSTEMS | 25-11               | FIVE VOLT SENSOR SUPPLY—SECONDARY                            | 14-22           | FUEL INJECTOR TEST                                               | 14-7            |
| EVAP CANISTER PURGE SOLENOID, DUTY CYCLE; FUEL SYSTEM              | 14-36               | FIXED ORIFICE TUBE                                           | 24-26,24-6      | FUEL INJECTORS; 8W-30 FUEL/IGNITION SYSTEMS                      | 8W-30-5         |
|                                                                    |                     | FLARE, FENDER                                                | 23-17           | FUEL INJECTORS; FUEL SYSTEM                                      | 14-13,14-5      |
|                                                                    |                     | FLASHER, COMBINATION; 8W-52 TURN SIGNALS                     | 8W-52-1         | FUEL INJECTORS—PCM OUTPUT                                        | 14-26           |
|                                                                    |                     | FLASHER, COMBINATION; TURN SIGNAL AND HAZARD WARNING SYSTEMS | 8J-1,8J-3       | FUEL LEVEL SENSOR—PCM INPUT                                      | 14-22           |
|                                                                    |                     | FLASHERS, HAZARD                                             | 8W-52-1         | FUEL PUMP                                                        | 14-3            |
|                                                                    |                     | FLOOR CONSOLE, FULL                                          | 23-34           | FUEL PUMP INLET FILTER                                           | 14-11           |
|                                                                    |                     | FLOOR CONSOLE, MINI                                          | 23-34           | FUEL PUMP MODULE; 8W-30 FUEL/IGNITION SYSTEMS                    | 8W-30-2         |
|                                                                    |                     | FLOW CHECK, OIL COOLER                                       | 21-78           | FUEL PUMP MODULE; FUEL SYSTEM                                    | 14-11,14-3      |
|                                                                    |                     | FLOW CHECK, RADIATOR COOLANT                                 | 7-19            | FUEL PUMP PRESSURE TEST—2.5L ENGINE                              | 14-5            |
|                                                                    |                     | FLOW CONTROL VALVE                                           | 19-8            | FUEL PUMP PRESSURE TEST—4.0L ENGINE                              | 14-6            |
|                                                                    |                     | FLUID AND FILTER REPLACEMENT                                 | 21-93           | FUEL PUMP RELAY; 8W-30 FUEL/IGNITION SYSTEMS                     | 8W-30-2         |
|                                                                    |                     | FLUID, BRAKE                                                 | 5-28            |                                                                  |                 |
|                                                                    |                     | FLUID CAPACITIES                                             | 0-2             |                                                                  |                 |

| Description                                              | Group-Page              | Description                                         | Group-Page          | Description                                              | Group-Page              |
|----------------------------------------------------------|-------------------------|-----------------------------------------------------|---------------------|----------------------------------------------------------|-------------------------|
| FUEL PUMP RELAY; FUEL SYSTEM                             | 14-34                   | GENERAL INFORMATION; FRAME AND BUMPERS              | 13-4                | HEAT SHIELDS, EXHAUST                                    | 11-1                    |
| FUEL PUMP RELAY-PCM OUTPUT                               | 14-26                   | GENERAL INFORMATION; FUEL SYSTEM                    | 14-1                | HEATED OXYGEN SENSORS                                    | 8W-30-2                 |
| FUEL PUMP RELAYS, ASD                                    | 14-30                   | GENERAL INFORMATION; LAMPS                          | 8L-15,8L-1          | HEATER AND AIR CONDITIONER                               | 24-1                    |
| FUEL RAIL                                                | 14-5                    | GENERAL INFORMATION; LUBRICATION AND MAINTENANCE    | 0-1                 | HEATER AND AIR CONDITIONER CONTROLS                      | 24-2                    |
| FUEL REQUIREMENTS                                        | 14-1                    | GENERAL INFORMATION; TRANSMISSION AND TRANSFER CASE | 21-167,21-1         | HEATER, BLOCK                                            | 7-4                     |
| FUEL SYSTEM                                              | 14-40                   | GENERAL SERVICE INFORMATION                         | 23-1                | HEATER CORE                                              | 24-33,24-6              |
| FUEL SYSTEM PRESSURE                                     | 14-16                   | GENERATOR                                           | 8C-2,8C-7           | HEATER, ENGINE BLOCK                                     | 7-29,7-3                |
| FUEL SYSTEM PRESSURE RELEASE PROCEDURE—WITHOUT TEST PORT | 14-7                    | GENERATOR FIELD DRIVER (-)—PCM OUTPUT               | 14-26               | HEATER PERFORMANCE                                       | 24-11                   |
| FUEL SYSTEM PRESSURE RELEASE PROCEDURE—WITH TEST PORT    | 14-7                    | GENERATOR FIELD SOURCE (+)—PCM OUTPUT               | 14-26               | HEATER-A/C CONTROL                                       | 24-27                   |
| FUEL TANK                                                | 14-13,14-4              | GENERATOR RATINGS                                   | 8C-8                | HEATER-A/C HOUSING                                       | 24-31                   |
| FUEL TANK CAPACITY                                       | 14-16                   | GLASS, FULL DOOR                                    | 23-23               | HEATER-A/C HOUSING DOORS                                 | 24-32                   |
| FUEL TANK FILLER TUBE CAP; EMISSION CONTROL SYSTEMS      | 25-12,25-14             | GLASS HEATING GRID, REAR                            | 8N-1,8N-3           | HEATING GRID, REAR GLASS                                 | 8N-5                    |
| FUEL TANK FILLER TUBE CAP; FUEL SYSTEM                   | 14-5                    | GLASS HEATING GRID REPAIRS, REAR                    | 8N-5                | HEATING GRID REPAIRS, REAR GLASS                         | 8N-5                    |
| FUEL TANK SKID PLATE                                     | 13-7                    | GLASS HINGE, LIFTGATE                               | 23-41               | HIGH AND LOW LIMITS                                      | 25-10                   |
| FUEL TUBES/LINES/HOSES AND CLAMPS                        | 14-8                    | GLASS, LIFTGATE                                     | 23-41               | HIGH BEAM INDICATOR LAMP                                 | 8W-40-2                 |
| FUEL WARNING LAMP, LOW                                   | 8E-16,8E-7              | GLASS, QUARTER                                      | 23-6                | HIGH BEAM INDICATOR LAMP, HEADLAMP                       | 8E-15,8E-7              |
| FULL DOOR                                                | 23-20                   | GLASS RUN CHANNEL WEATHERSTRIP, FULL DOOR           | 23-24               | HIGH MOUNTED STOP LAMP (CHMSL) BULB, CENTER              | 8L-9                    |
| FULL DOOR GLASS                                          | 23-23                   | GLASS, STATIONARY                                   | 23-5                | HIGH MOUNTED STOP LAMP (CHMSL), CENTER                   | 8L-11                   |
| FULL DOOR GLASS RUN CHANNEL WEATHERSTRIP                 | 23-24                   | GLASS SUPPORT CYLINDER, LIFTGATE                    | 23-40               | HIGH PRESSURE CUT-OFF SWITCH                             | 24-17,24-24,24-6        |
| FULL DOOR HINGE                                          | 23-20                   | GLASS WEATHERSTRIP, LIFTGATE                        | 23-42               | HIGH PRESSURE RELIEF VALVE                               | 24-6                    |
| FULL DOOR INNER BELT WEATHERSTRIP                        | 23-24                   | GLOVE BOX                                           | 8E-22               | HIGH SPEED BLOWER MOTOR RELAY                            | 24-17,24-29,24-6        |
| FULL DOOR INSIDE HANDLE ACTUATOR                         | 23-23                   | GLOVE BOX COMPONENTS                                | 8E-22               | HIGH—SPEED OPERATION, TIRE PRESSURE                      | 22-3                    |
| FULL DOOR LATCH                                          | 23-22                   | GLOVE BOX LATCH STRIKER                             | 8E-23               | HINGE, FULL DOOR                                         | 23-20                   |
| FULL DOOR LATCH STRIKER                                  | 23-22                   | GOVERNOR AND PARK GEAR                              | 21-106,21-138,21-99 | HINGE, HALF DOOR                                         | 23-26                   |
| FULL DOOR LOCK CYLINDER                                  | 23-22                   | GRAB HANDLE                                         | 8E-24               | HINGE, HOOD                                              | 23-14                   |
| FULL DOOR OUTER BELT SEAL                                | 23-24                   | GRAB HANDLE BEZEL                                   | 8E-24               | HINGE, LIFTGATE GLASS                                    | 23-41                   |
| FULL DOOR OUTSIDE RELEASE HANDLE                         | 23-21                   | GRID, REAR GLASS HEATING                            | 8N-1,8N-3           | HINGE, TAILGATE                                          | 23-43                   |
| FULL DOOR TRIM PANEL                                     | 23-20                   | GRID REPAIRS, REAR GLASS HEATING                    | 8N-5                | HINGE, WINDSHIELD                                        | 23-15                   |
| FULL DOOR WEATHERSTRIP                                   | 23-24                   | GRILLE AND SCREEN, COWL                             | 23-14               | HOISTING AND TOWING, JUMP STARTING                       | 0-8                     |
| FULL DOOR WINDOW REGULATOR                               | 23-25                   | GRILLE PANEL, RADIATOR                              | 23-12               | HOISTING RECOMMENDATIONS                                 | 0-10                    |
| FULL FLOOR CONSOLE                                       | 23-34                   | GROUND, PCM                                         | 8W-30-1             | HONING CYLINDER BORES                                    | 9-2                     |
| FUSE, IGNITION-OFF DRAW                                  | 8F-1                    | GROUND, POWER                                       | 14-25               | HOOD                                                     | 23-13                   |
| FUSEBLOCK MODULE                                         | 8E-24,8E-3              | GROUP, HOW TO USE THIS                              | 8W-01-1             | HOOD ADJUSTMENT                                          | 23-45                   |
| GASKET FAILURE DIAGNOSIS, ENGINE CYLINDER HEAD           | 9-9                     | G-SWITCH                                            | 8W-35-1             | HOOD HINGE                                               | 23-14                   |
| GASKETS, FORM-IN-PLACE                                   | 9-1                     | HALF DOOR                                           | 23-25               | HOOD INSULATION PANEL                                    | 23-13                   |
| GASOLINE/OXYGENATE BLENDS                                | 14-1                    | HALF DOOR HINGE                                     | 23-26               | HOOD SAFETY LATCH                                        | 23-14                   |
| GAUGE, COOLANT TEMPERATURE                               | 8E-3,8E-9               | HALF DOOR INSIDE HANDLE ACTUATOR                    | 23-27               | HOOK, FRONT TOW                                          | 13-1                    |
| GAUGE, ENGINE COOLANT TEMPERATURE                        | 8W-40-2                 | HALF DOOR LATCH                                     | 23-26               | HOOKS, EMERGENCY TOW                                     | 0-10                    |
| GAUGE, FUEL; 8W-40 INSTRUMENT CLUSTER                    | 8W-40-2                 | HALF DOOR LATCH STRIKER                             | 23-27               | HORN                                                     | 8W-41-1                 |
| GAUGE, FUEL; INSTRUMENT PANEL SYSTEMS                    | 8E-4,8E-9               | HALF DOOR LOCK CYLINDER                             | 23-26               | HORN RELAY                                               | 8G-1,8G-2,8G-3          |
| GAUGE, OIL PRESSURE; 8W-30 FUEL/IGNITION SYSTEMS         | 8W-30-4                 | HALF DOOR OUTSIDE HANDLE                            | 23-26               | HORN SWITCH                                              | 8G-1,8G-2,8G-3          |
| GAUGE, OIL PRESSURE; 8W-40 INSTRUMENT CLUSTER            | 8W-40-2                 | HALF DOOR TRIM PANEL                                | 23-25               | HORN SWITCH, DRIVER AIRBAG TRIM COVER                    | 8M-6                    |
| GAUGE, OIL PRESSURE; INSTRUMENT PANEL SYSTEMS            | 8E-11,8E-4              | HALF DOOR WEATHERSTRIP                              | 23-27               | HORNS                                                    | 8G-1,8G-3,8G-4          |
| GAUGE SENDING UNIT, FUEL                                 | 14-12,14-4,14-7         | HALF DOOR WINDOW                                    | 23-28               | HOSES AND LINES, BRAKE                                   | 5-6                     |
| GAUGES                                                   | 8E-3                    | HAND LEVER, PARKING BRAKE                           | 5-21                | HOSES, BRAKE LINE                                        | 5-11                    |
| GAUGES LAMP, CHECK                                       | 8E-13,8E-6              | HANDLE ACTUATOR, FULL DOOR INSIDE                   | 23-23               | HOSES, COOLING SYSTEM                                    | 7-33,7-6                |
| GAUGES, PRESSURE                                         | 22-3                    | HANDLE ACTUATOR, HALF DOOR INSIDE                   | 23-27               | HOUSING, ADAPTER                                         | 21-38                   |
| GEAR AND BEARING NOISE                                   | 3-17,3-48,3-83          | HANDLE BEZEL, GRAB                                  | 8E-24               | HOUSING AND FRONT BEARING RETAINER, ADAPTER              | 21-5                    |
| GEAR AND SYNCHRO ASSEMBLY, FIFTH                         | 21-46                   | HANDLE, FULL DOOR OUTSIDE RELEASE                   | 23-21               | HOUSING, CLUTCH                                          | 6-12                    |
| GEAR BACKLASH, DIFFERENTIAL BEARING PRELOAD              | 3-108,3-37,3-72         | HANDLE, GRAB                                        | 8E-24               | HOUSING DOORS, HEATER-A/C                                | 24-32                   |
| GEAR CASE                                                | 21-42                   | HANDLE, HALF DOOR OUTSIDE                           | 23-26               | HOUSING END PLUG                                         | 19-11                   |
| GEAR DEPTH, PINION                                       | 3-105,3-34,3-69         | HANDLE, TAILGATE OUTSIDE                            | 23-43               | HOUSING, EXTENSION                                       | 21-98                   |
| GEAR DEPTH VARIANCE, PINION                              | 3-106,3-35,3-70         | HARD SHIFTING                                       | 21-36,21-3          | HOUSING FLUID LEAK DIAGNOSIS, CONVERTER                  | 21-82                   |
| GEAR, GOVERNOR AND PARK                                  | 21-106,21-138,21-99     | HARD TOP                                            | 23-28               | HOUSING, HEATER-A/C                                      | 24-31                   |
| GEAR LEAKAGE DIAGNOSIS, POWER STEERING                   | 19-10                   | HARD TOP AIR EXHAUSTER                              | 23-29               | HOW TO USE THIS GROUP                                    | 8W-01-1                 |
| GEAR, MANUAL STEERING                                    | 19-21,19-23,19-27,19-28 | HARD TOP REPAIR                                     | 23-3                | HUB BEARING                                              | 2-10                    |
| GEAR, OUTPUT SHAFT AND CLUSTER                           | 21-59                   | HARD/SOFT TOP LATCH                                 | 23-31               | HUB BEARING AND AXLE SHAFT                               | 3-21                    |
| GEAR, PINION                                             | 3-27,3-60,3-96          | HAZARD FLASHERS                                     | 8W-52-1             | HYDRAULIC CONTROL SYSTEM                                 | 21-74                   |
| GEAR, POWER STEERING                                     | 19-10,19-19,19-20,19-9  | HAZARD WARNING SYSTEM                               | 8J-1                | HYDRAULIC CONTROL UNIT; 8W-35 ALL-WHEEL ANTI-LOCK BRAKES | 8W-35-1                 |
| GEAR RATIOS                                              | 21-1                    | HAZARD WARNING SYSTEMS, TURN SIGNAL                 | 8J-2                | HYDRAULIC CONTROL UNIT; BRAKES                           | 5-31                    |
| GEAR RATIOS, TRANSMISSION                                | 21-35,21-74             | HEAD BOLTS, CYLINDER                                | 9-69                | HYDRAULIC CONTROLLER UNIT                                | 5-34                    |
| GEAR, RING                                               | 3-59,3-95               | HEAD COVER, CYLINDER                                | 9-30                | HYDRAULIC LINKAGE, CLUTCH                                | 6-12                    |
| GEAR, STEERING                                           | 19-18                   | HEAD COVER, ENGINE CYLINDER                         | 9-66,9-84           | HYDRAULIC PRESSURE TEST                                  | 21-79                   |
| GEARSHIFT MECHANISM                                      | 21-74                   | HEAD, ENGINE CYLINDER                               | 9-32,9-48,9-68,9-83 | HYDRAULIC SCHEMATICS                                     | 21-149                  |
| GEARTRAIN, PLANETARY                                     | 21-144                  | HEAD GASKET FAILURE DIAGNOSIS, ENGINE CYLINDER      | 9-9                 | HYDRAULIC TAPPETS                                        | 9-35,9-48,9-70,9-84,9-8 |
| GEARTRAIN/OUTPUT SHAFT, PLANETARY                        | 21-133                  | HEADLAMP                                            | 8L-10               | HYDROMETER TEST                                          | 8A-5                    |
| GENERAL INFORMATION; DIFFERENTIAL AND DRIVELINE          | 3-81                    | HEADLAMP ADJUSTMENT                                 | 8L-6                | HYDROSTATIC LOCK                                         | 9-4                     |
| GENERAL INFORMATION; ENGINE                              | 9-8                     | HEADLAMP ALIGNMENT                                  | 8L-5                | IDENTIFICATION, CIRCUIT                                  | 8W-01-2                 |
|                                                          |                         | HEADLAMP ALIGNMENT PREPARATION                      | 8L-5                | IDENTIFICATION, FASTENER                                 | Intro.-4,Intro.-5       |
|                                                          |                         | HEADLAMP BULB                                       | 8L-8                | IDENTIFICATION NUMBER DECODING CHART, VEHICLE            | Intro.-1                |
|                                                          |                         | HEADLAMP DIAGNOSIS                                  | 8L-2                | IDENTIFICATION NUMBER, VEHICLE                           | Intro.-1                |
|                                                          |                         | HEADLAMP HIGH BEAM INDICATOR LAMP                   | 8E-15,8E-7          | IDENTIFICATION, SECTION                                  | 8W-01-1                 |
|                                                          |                         | HEADLAMP SWITCH; CHIME/BUZZER WARNING SYSTEMS       | 8U-2,8U-3           | IDENTIFICATION, TRANSMISSION                             | 21-1                    |
|                                                          |                         | HEADLAMP SWITCH; INSTRUMENT PANEL SYSTEMS           | 8E-19               | IDENTIFICATION, TRANSFER CASE                            | 21-167                  |
|                                                          |                         | HEADLAMPS                                           | 8W-50-1             |                                                          |                         |

| Description                                                          | Group-Page       | Description                                               | Group-Page       | Description                                          | Group-Page     |
|----------------------------------------------------------------------|------------------|-----------------------------------------------------------|------------------|------------------------------------------------------|----------------|
| IDENTIFICATION, TRANSMISSION                                         | 21-34,21-74      | INJECTOR TEST, FUEL                                       | 14-7             | INTERLOCK, BRAKE TRANSMISSION SHIFT                  | 21-96          |
| IDENTIFICATION, WIRE CODE                                            | 8W-01-2          | INJECTORS, FUEL; 8W-30 FUEL/IGNITION SYSTEMS              | 8W-30-5          | INTERLOCK MECHANISM, BRAKE TRANSMISSION SHIFT        | 21-75          |
| IDLE AIR CONTROL (IAC) MOTOR; 8W-30 FUEL/IGNITION SYSTEMS            | 8W-30-5          | INJECTORS, FUEL; FUEL SYSTEM                              | 14-13,14-5       | INTERLOCK SAFETY SWITCH BY-PASS, CLUTCH              | 6-1            |
| IDLE AIR CONTROL (IAC) MOTOR; FUEL SYSTEM                            | 14-33,14-35      | INJECTORS—PCM OUTPUT, FUEL                                | 14-26            | INTERLOCK, SHIFT                                     | 8W-31-1        |
| IDLE AIR CONTROL (IAC) MOTOR—PCM OUTPUT                              | 14-26            | INLET FILTER, FUEL PUMP                                   | 14-11            | INTERLOCK, SHIFTER/IGNITION                          | 8D-22          |
| IGNITION CIRCUIT SENSE—PCM INPUT                                     | 14-24            | INNER AXLE SHAFT OIL SEAL REPLACEMENT                     | 3-27             | INTERMITTENT AND POOR CONNECTIONS                    | 8W-01-5        |
| IGNITION COIL; 8W-30 FUEL/IGNITION SYSTEMS                           | 8W-30-5          | INNER BELT WEATHERSTRIP, FULL DOOR                        | 23-24            | INTERMITTENT WIPERS                                  | 8W-53-1        |
| IGNITION COIL; IGNITION SYSTEM                                       | 8D-14,8D-23,8D-3 | INPUT, AIR CONDITIONING (A/C) CONTROLS—PCM                | 14-21            | INTERNATIONAL CONTROL AND DISPLAY SYMBOLS            | Intro.-4       |
| IGNITION COIL—PCM OUTPUT                                             | 14-27            | INPUT AND OUTPUT, DATA LINK CONNECTOR—PCM                 | 14-26            | INTERNATIONAL SYMBOLS                                | 0-1            |
| IGNITION SWITCH                                                      | 8W-30-1          | INPUT, AUTOMATIC SHUTDOWN (ASD) RELAY SENSE—PCM           | 14-21            | INTERNATIONAL VEHICLE CONTROL AND DISPLAY SYMBOLS    | Intro.-4       |
| IGNITION SWITCH AND KEY CYLINDER                                     | 8D-20            | INPUT, BATTERY TEMPERATURE SENSOR—PCM                     | 14-22            | INTRODUCTION; 8W-02 COMPONENT INDEX                  | 8W-02-1        |
| IGNITION SWITCH AND KEY LOCK CYLINDER                                | 8D-5             | INPUT, BATTERY VOLTAGE—PCM                                | 14-22            | INTRODUCTION; 8W-10 FUSE/FUSE BLOCK                  | 8W-10-1        |
| IGNITION SWITCH, KEY-IN                                              | 8U-2             | INPUT, BRAKE SWITCH—PCM                                   | 14-22            | INTRODUCTION; 8W-11 POWER DISTRIBUTION               | 8W-11-1        |
| IGNITION SYSTEM                                                      | 8D-1             | INPUT, CAMSHAFT POSITION SENSOR—PCM                       | 14-22            | INTRODUCTION; 8W-15 GROUND DISTRIBUTION              | 8W-15-1        |
| IGNITION TIMING                                                      | 8D-22,8D-8       | INPUT, CRANKSHAFT POSITION SENSOR—PCM                     | 14-22            | INTRODUCTION; 8W-35 ALL-WHEEL ANTI-LOCK BRAKES       | 8W-35-1        |
| IGNITION-OFF DRAW FUSE                                               | 8F-1             | INPUT, ENGINE COOLANT TEMPERATURE SENSOR—PCM              | 14-22            | INTRODUCTION; 8W-40 INSTRUMENT CLUSTER               | 8W-40-1        |
| IGNITION-OFF DRAW TEST                                               | 8A-9             | INPUT, FUEL LEVEL SENSOR—PCM                              | 14-22            | INTRODUCTION; 8W-42 AIR CONDITIONING/HEATER          | 8W-42-1        |
| ILLUMINATION LAMPS                                                   | 8W-40-2          | INPUT, IGNITION CIRCUIT SENSE—PCM                         | 14-24            | INTRODUCTION; 8W-44 INTERIOR LIGHTING                | 8W-44-1        |
| ILLUMINATION LAMPS, CLUSTER                                          | 8E-14,8E-6       | INPUT, INTAKE MANIFOLD AIR TEMPERATURE SENSOR—PCM         | 14-24            | INTRODUCTION; 8W-53 WIPERS                           | 8W-53-1        |
| ILLUMINATION LAMPS, INSTRUMENT PANEL                                 | 8W-44-1          | INPUT, MANIFOLD ABSOLUTE PRESSURE (MAP) SENSOR—PCM        | 14-24            | INTRODUCTION; 8W-70 SPLICE INFORMATION               | 8W-70-1        |
| ILLUMINATION, RADIO                                                  | 8W-47-1          | INPUT, OXYGEN SENSOR (O2S)—PCM                            | 14-23            | INTRODUCTION; 8W-80 CONNECTOR PIN-OUTS               | 8W-80-1        |
| IMPACT SENSOR                                                        | 8M-2             | INPUT, POWER STEERING PRESSURE SWITCH—PCM                 | 14-25            | INTRODUCTION; 8W-90 CONNECTOR LOCATIONS              | 8W-90-1        |
| INCORRECT FLUID LEVEL, EFFECTS OF                                    | 21-78            | INPUT, STOP LAMP SWITCH; 8W-30 FUEL/IGNITION SYSTEMS      | 8W-30-5          | INTRODUCTION; 8W-95 SPLICE LOCATIONS                 | 8W-95-1        |
| INDEX, WIRING DIAGRAM; 8W-20 CHARGING SYSTEM                         | 8W-20-1          | INPUT, STOP LAMP SWITCH; 8W-35 ALL-WHEEL ANTI-LOCK BRAKES | 8W-35-2          | INTRODUCTION; AUDIO SYSTEMS                          | 8F-1           |
| INDEX, WIRING DIAGRAM; 8W-21 STARTING SYSTEM                         | 8W-21-1          | INPUT, THROTTLE POSITION SENSOR (TPS)—PCM                 | 14-24            | INTRODUCTION; BATTERY                                | 8A-1           |
| INDEX, WIRING DIAGRAM; 8W-30 FUEL/IGNITION SYSTEMS                   | 8W-30-5          | INPUT, TRANSMISSION PARK/NEUTRAL SWITCH—PCM               | 14-24            | INTRODUCTION; CHIME/BUZZER WARNING SYSTEMS           | 8U-1           |
| INDEX, WIRING DIAGRAM; 8W-31 TRANSMISSION CONTROL SYSTEM             | 8W-31-1          | INPUT, VEHICLE SPEED AND DISTANCE SENSOR—PCM              | 14-24            | INTRODUCTION; ELECTRICALLY HEATED SYSTEMS            | 8N-1           |
| INDEX, WIRING DIAGRAM; 8W-35 ALL-WHEEL ANTI-LOCK BRAKES              | 8W-35-2          | INSIDE HANDLE ACTUATOR, FULL DOOR                         | 23-23            | INTRODUCTION; FUEL SYSTEM                            | 14-18,14-1     |
| INDEX, WIRING DIAGRAM; 8W-40 INSTRUMENT CLUSTER                      | 8W-40-2          | INSIDE HANDLE ACTUATOR, HALF DOOR                         | 23-27            | INTRODUCTION; HORN SYSTEMS                           | 8G-1           |
| INDEX, WIRING DIAGRAM; 8W-41 HORN/CIGAR LIGHTER                      | 8W-41-1          | INSPECTION                                                | 3-5              | INTRODUCTION; IGNITION SYSTEM                        | 8D-1           |
| INDEX, WIRING DIAGRAM; 8W-42 AIR CONDITIONING/HEATER                 | 8W-42-2          | INSPECTION (ENGINE OIL LEAKS IN GENERAL)                  | 9-10             | INTRODUCTION; INSTRUMENT PANEL SYSTEMS               | 8E-1           |
| INDEX, WIRING DIAGRAM; 8W-43 AIRBAG SYSTEM                           | 8W-43-1          | INSPECTION, PRE-ALIGNMENT                                 | 2-3              | INTRODUCTION; LUBRICATION AND MAINTENANCE            | 0-1,0-3        |
| INDEX, WIRING DIAGRAM; 8W-44 INTERIOR LIGHTING                       | 8W-44-1          | INSPECTION, UNSCHEDULED                                   | 0-3              | INTRODUCTION; PASSIVE RESTRAINT SYSTEMS              | 8M-1           |
| INDEX, WIRING DIAGRAM; 8W-47 AUDIO SYSTEM                            | 8W-47-1          | INSPECTION, VISUAL                                        | 14-28            | INTRODUCTION; STARTING SYSTEMS                       | 8B-1           |
| INDEX, WIRING DIAGRAM; 8W-48 REAR WINDOW DEFOGGER                    | 8W-48-1          | INSPECTION, WHEEL                                         | 22-7             | INTRODUCTION; TURN SIGNAL AND HAZARD WARNING SYSTEMS | 8J-1,8J-2      |
| INDEX, WIRING DIAGRAM; 8W-50 FRONT LIGHTING                          | 8W-50-2          | INSTALLATION METHODS AND PARTS USAGE                      | 6-1              | INTRODUCTION; WIPER AND WASHER SYSTEMS               | 8K-1           |
| INDEX, WIRING DIAGRAM; 8W-51 REAR LIGHTING                           | 8W-51-1          | INSTALLATION, WHEEL                                       | 22-8             | JAMB SWITCH, DRIVER DOOR                             | 8U-2           |
| INDEX, WIRING DIAGRAM; 8W-52 TURN SIGNALS                            | 8W-52-1          | INSTRUMENT CLUSTER; CHIME/BUZZER WARNING SYSTEMS          | 8U-1,8U-3        | JOINT ANGLE, UNIVERSAL                               | 3-5            |
| INDEX, WIRING DIAGRAM; 8W-53 WIPERS                                  | 8W-53-2          | INSTRUMENT CLUSTER; ELECTRICALLY HEATED SYSTEMS           | 8N-2,8N-4        | JOINT, SINGLE AND DOUBLE CARDAN                      | 3-12           |
| INDICATOR, BUILT-IN TEST                                             | 8A-5             | INSTRUMENT CLUSTER; INSTRUMENT PANEL SYSTEMS              | 8E-20,8E-8       | JOINTS, UNIVERSAL                                    | 3-2            |
| INDICATOR LAMP, AIRBAG                                               | 8E-12,8E-5       | INSTRUMENT CLUSTERS                                       | 8E-2             | JUMP STARTING, HOISTING AND TOWING                   | 0-8            |
| INDICATOR LAMP, HEADLAMP HIGH BEAM                                   | 8E-15,8E-7       | INSTRUMENT PANEL                                          | 8E-2             | JUMP STARTING PROCEDURE                              | 0-8            |
| INDICATOR LAMP, HIGH BEAM                                            | 8W-40-2          | INSTRUMENT PANEL ASSEMBLY                                 | 8E-24            | KEY CYLINDER, IGNITION SWITCH                        | 8D-20          |
| INDICATOR LAMP, MALFUNCTION                                          | 8E-16,8E-7       | INSTRUMENT PANEL BASE                                     | 8E-26            | KEY LOCK CYLINDER, IGNITION SWITCH                   | 8D-5           |
| INDICATOR LAMP, MASTER LIGHTING                                      | 8E-16,8E-7       | INSTRUMENT PANEL CENTER BEZEL                             | 8E-20            | KEY-IN IGNITION SWITCH                               | 8U-2           |
| INDICATOR LAMP (MIL), MALFUNCTION                                    | 25-1             | INSTRUMENT PANEL ILLUMINATION LAMPS                       | 8W-44-1          | KNEE BLOCKER                                         | 8E-18          |
| INDICATOR LAMP, UPSHIFT                                              | 8E-17,8E-8       | INSTRUMENT PANEL TOP COVER                                | 8E-19            | KNOCK, LOW SPEED                                     | 3-17,3-49,3-84 |
| INDICATOR LAMP—PCM OUTPUT, MALFUNCTION                               | 14-27            | INSUFFICIENT ASSIST OR POOR RETURN TO CENTER              | 19-3             | KNUCKLE AND BALL STUDS, STEERING                     | 3-21           |
| INDICATOR LAMPS                                                      | 8E-3             | INSULATION PANEL, HOOD                                    | 23-13            | KNUCKLE, STEERING                                    | 2-7            |
| INDICATOR LAMPS, FOUR-WHEEL DRIVE                                    | 8E-15,8E-6       | INTAKE AIR TEMPERATURE SENSOR                             | 8W-30-4          | LABEL SPECIFICATIONS, VECI; FUEL SYSTEM              | 14-16,14-39    |
| INDICATOR LAMPS, TURN SIGNAL; 8W-40 INSTRUMENT CLUSTER               | 8W-40-2          | INTAKE MANIFOLD AIR TEMPERATURE SENSOR; FUEL SYSTEM       | 14-33,14-38      | LABEL SPECIFICATIONS, VECI; IGNITION SYSTEM          | 8D-22          |
| INDICATOR LAMPS, TURN SIGNAL; INSTRUMENT PANEL SYSTEMS               | 8E-17,8E-8       | INTAKE MANIFOLD AIR TEMPERATURE SENSOR; IGNITION SYSTEM   | 8D-10,8D-17,8D-5 | LABEL, VEHICLE EMISSION CONTROL INFORMATION (VECI)   | 25-13          |
| INDICATOR LAMPS, TURN SIGNAL; TURN SIGNAL AND HAZARD WARNING SYSTEMS | 8J-2             | INTAKE MANIFOLD AIR TEMPERATURE SENSOR—PCM INPUT          | 14-24            | LABEL, VEHICLE SAFETY CERTIFICATION                  | Intro.-2       |
| INDICATORS, TREAD WEAR                                               | 22-3             | INTAKE MANIFOLD LEAKAGE DIAGNOSIS                         | 9-9              | LAMP, ABS WARNING; 8W-35 ALL-WHEEL ANTI-LOCK BRAKES  | 8W-35-2        |
| INFLATION PRESSURES, TIRE                                            | 22-2             | INTAKE MANIFOLD—2.5L ENGINE                               | 11-4             | LAMP, ABS WARNING; 8W-40 INSTRUMENT CLUSTER          | 8W-40-1        |
| INJECTION SYSTEM, FUEL                                               | 14-17            | INTAKE MANIFOLD—4.0L ENGINE                               | 11-6             | LAMP, ABS WARNING; BRAKES                            | 5-33           |
| INJECTOR RAIL, FUEL                                                  | 14-12            | INTERFERENCE, RADIO FREQUENCY                             | 8F-6             | LAMP ADJUSTMENT, FOG                                 | 8L-7           |
|                                                                      |                  | INTERIOR DIMENSIONS, VEHICLE                              | Intro.-3         |                                                      |                |
|                                                                      |                  | INTERIOR LAMPS                                            | 8L-15            |                                                      |                |

| Description                                                                | Group-Page        | Description                                                                | Group-Page     | Description                                                 | Group-Page              |
|----------------------------------------------------------------------------|-------------------|----------------------------------------------------------------------------|----------------|-------------------------------------------------------------|-------------------------|
| LAMP, AIRBAG INDICATOR                                                     | 8E-12,8E-5        | LAMPS, TURN SIGNAL INDICATOR;<br>TURN SIGNAL AND HAZARD WARNING<br>SYSTEMS | 8J-2           | LOCATIONS, TRANSMISSION SWITCH<br>AND PLUG                  | 21-35                   |
| LAMP, AIRBAG WARNING                                                       | 8W-43-1           | LAMPS—EXCEPT ABS AND BRAKE,<br>WARNING                                     | 8W-40-1        | LOCK CYLINDER, CONSOLE                                      | 23-34                   |
| LAMP, ANTI-LOCK BRAKE SYSTEM                                               | 8E-12,8E-5        | LATCH, FULL DOOR                                                           | 23-22          | LOCK CYLINDER, FULL DOOR                                    | 23-22                   |
| LAMP, BRAKE WARNING; 8W-40<br>INSTRUMENT CLUSTER                           | 8W-40-1           | LATCH, HALF DOOR                                                           | 23-26          | LOCK CYLINDER, HALF DOOR                                    | 23-26                   |
| LAMP, BRAKE WARNING; INSTRUMENT<br>PANEL SYSTEMS                           | 8E-13,8E-6        | LATCH, HARD/SOFT TOP                                                       | 23-31          | LOCK CYLINDER, IGNITION SWITCH AND<br>KEY                   | 8D-5                    |
| LAMP BULB, BACK-UP                                                         | 8L-9              | LATCH, HOOD SAFETY                                                         | 23-14          | LOCK CYLINDER, TAILGATE                                     | 23-43                   |
| LAMP BULB, FOG                                                             | 8L-8              | LATCH STRIKER, FULL DOOR                                                   | 23-22          | LOCK, EXTENSION HOUSING AND PARK                            | 21-140                  |
| LAMP BULB, FRONT PARK/TURN<br>SIGNAL                                       | 8L-8              | LATCH STRIKER, GLOVE BOX                                                   | 8E-23          | LOCK, HYDROSTATIC                                           | 9-4                     |
| LAMP BULB SERVICE                                                          | 8L-8              | LATCH STRIKER, HALF DOOR                                                   | 23-27          | LOCK, PARK                                                  | 21-100                  |
| LAMP BULB, SIDE MARKER                                                     | 8L-8              | LATCH STRIKER, TAILGATE                                                    | 23-44          | LOOSE STEERING AND VEHICLE LEAD                             | 19-3                    |
| LAMP BULB, TAIL/TURN SIGNAL/BACK-<br>UP                                    | 8L-8              | LATCH, TAILGATE                                                            | 23-44          | LOW COOLANT LEVEL AERATION                                  | 7-22                    |
| LAMP BULB, UNDERHOOD                                                       | 8L-9              | LEAD, LOOSE STEERING AND VEHICLE                                           | 19-3           | LOW FUEL WARNING LAMP                                       | 8E-16,8E-7              |
| LAMP, CHECK GAUGES                                                         | 8E-13,8E-6        | LEAK DIAGNOSIS, CONVERTER<br>HOUSING FLUID                                 | 21-82          | LOW LIMITS, HIGH                                            | 25-10                   |
| LAMP (CHMSL) BULB, CENTER HIGH<br>MOUNTED STOP                             | 8L-9              | LEAKAGE DIAGNOSIS, INTAKE<br>MANIFOLD                                      | 9-9            | LOW LUBRICANT LEVEL                                         | 21-36,21-2              |
| LAMP (CHMSL), CENTER HIGH<br>MOUNTED STOP                                  | 8L-11             | LEAKAGE DIAGNOSIS, POWER<br>STEERING GEAR                                  | 19-10          | LOW PRESSURE CYCLING CLUTCH<br>SWITCH                       | 24-18,24-26,24-7        |
| LAMP, COURTESY LAMPS, DOME/CARGO<br>LAMP, SOUND BAR                        | 8W-44-1           | LEAKAGE DIAGNOSIS, PUMP                                                    | 19-5           | LOW SPEED KNOCK                                             | 3-17,3-49,3-84          |
| LAMP DIAGNOSIS                                                             | 8L-1              | LEAKAGE TEST, CYLINDER COMBUSTION<br>PRESSURE                              | 9-9            | LOWER SUSPENSION ARM                                        | 2-13,2-7                |
| LAMP DIAGNOSIS, DAYTIME RUNNING                                            | 8L-4              | LEAKS, REFRIGERANT SYSTEM                                                  | 24-18          | LUBRICANT AND FILL LEVEL,<br>RECOMMENDED                    | 21-167                  |
| LAMP DIAGNOSIS, FOG                                                        | 8L-3              | LEAKS, REPAIRING                                                           | 22-5           | LUBRICANT CHANGE                                            | 3-20,3-53,3-88          |
| LAMP, DOME                                                                 | 8L-12,8L-9        | LEAKS, TESTING COOLING SYSTEM                                              | 7-19           | LUBRICANT LEVEL, LOW                                        | 21-36,21-2              |
| LAMP (DRL) MODULE, DAYTIME<br>RUNNING; 8W-50 FRONT LIGHTING                | 8W-50-1           | LENS, CLUSTER                                                              | 8E-20          | LUBRICANT RECOMMENDATIONS,<br>PARTS                         | 0-1                     |
| LAMP (DRL) MODULE, DAYTIME<br>RUNNING; LAMPS                               | 8L-14             | LEVEL AERATION, LOW COOLANT                                                | 7-22           | LUBRICANT, RECOMMENDED                                      | 21-1                    |
| LAMP, FOG                                                                  | 8L-10             | LEVEL AND CONDITION, CHECKING<br>FLUID                                     | 21-77          | LUBRICANT SPECIFICATIONS                                    | 3-47,3-81               |
| LAMP, FRONT PARK/TURN SIGNAL                                               | 8L-11             | LEVEL, BRAKE FLUID                                                         | 5-12           | LUBRICANT, TRANSMISSION                                     | 21-35                   |
| LAMP, HEADLAMP HIGH BEAM<br>INDICATOR                                      | 8E-15,8E-7        | LEVEL CHECK, FLUID                                                         | 21-93          | LUBRICANTS, BODY                                            | 23-45                   |
| LAMP, HIGH BEAM INDICATOR                                                  | 8W-40-2           | LEVEL CHECK, ROUTINE COOLANT                                               | 7-22           | LUBRICANTS, CLASSIFICATION OF                               | 0-2                     |
| LAMP, LOW FUEL WARNING                                                     | 8E-16,8E-7        | LEVEL, CLUTCH FLUID                                                        | 6-9            | LUBRICATION                                                 | 3-2                     |
| LAMP, MALFUNCTION INDICATOR                                                | 8E-16,8E-7        | LEVEL, EFFECTS OF INCORRECT FLUID                                          | 21-78          | LUBRICATION, BODY                                           | 23-12                   |
| LAMP, MANUAL TRANSMISSION<br>UP-SHIFT                                      | 8W-40-2           | LEVEL, LOW LUBRICANT                                                       | 21-36,21-2     | LUBRICATION, CLUTCH COMPONENT                               | 6-9                     |
| LAMP, MASTER LIGHTING INDICATOR                                            | 8E-16,<br>8E-7    | LEVEL, RECOMMENDED LUBRICANT<br>AND FILL                                   | 21-167         | LUBRICATION SPECIFICATIONS                                  | 3-15                    |
| LAMP (MIL), MALFUNCTION INDICATOR                                          | 25-1              | LEVEL, REFRIGERANT OIL                                                     | 24-19          | LUBRICATION SYSTEM                                          | 9-17,9-54               |
| LAMP, RED BRAKE WARNING                                                    | 5-2,5-8           | LEVEL SENSOR—PCM INPUT, FUEL                                               | 14-22          | MACHINING, BRAKE DRUM                                       | 5-13                    |
| LAMP, SEAT BELT REMINDER                                                   | 8E-17,8E-7        | LEVEL, SERVICE COOLANT                                                     | 7-23           | MACHINING, DISC ROTOR                                       | 5-12                    |
| LAMP SERVICE                                                               | 8L-10             | LEVER, PARKING BRAKE HAND                                                  | 5-21           | MAIN BEARINGS, CRANKSHAFT                                   | 9-41,9-77               |
| LAMP, SIDE MARKER                                                          | 8L-11             | LEVER, SHIFT                                                               | 21-169         | MAIN BEARINGS, FITTING<br>CRANKSHAFT                        | 9-24,9-60               |
| LAMP, SOUND BAR LAMP, COURTESY<br>LAMPS, DOME/CARGO                        | 8W-44-1           | LICENSE PLATE BEZEL                                                        | 23-42          | MAIN OIL SEALS, REAR                                        | 9-45,9-80               |
| LAMP SWITCH INPUT, STOP; 8W-30<br>FUEL/IGNITION SYSTEMS                    | 8W-30-5           | LICENSE PLATE LAMPS, TAIL LAMPS<br>AND REAR                                | 8W-51-1        | MAIN RELAY, ABS                                             | 8W-35-1                 |
| LAMP SWITCH INPUT, STOP; 8W-35<br>ALL-WHEEL ANTI-LOCK BRAKES               | 8W-35-2           | LIFTGATE GLASS                                                             | 23-41          | MAINSHAFT                                                   | 21-19                   |
| LAMP SWITCH, STOP                                                          | 5-14,5-26,5-2,5-8 | LIFTGATE GLASS HINGE                                                       | 23-41          | MAINTENANCE SCHEDULES                                       | 0-3                     |
| LAMP SYSTEMS                                                               | 8L-14             | LIFTGATE GLASS SUPPORT CYLINDER                                            | 23-40          | MALFUNCTION INDICATOR LAMP                                  | 8E-16,8E-7              |
| LAMP, TAIL/STOP/TURN SIGNAL/BACK-<br>UP                                    | 8L-11             | LIFTGATE GLASS WEATHERSTRIP                                                | 23-42          | MALFUNCTION INDICATOR LAMP (MIL)                            | 25-1                    |
| LAMP, UNDERHOOD; 8W-44 INTERIOR<br>LIGHTING                                | 8W-44-1           | LIGHTER, CIGAR                                                             | 8W-41-1        | MALFUNCTION INDICATOR LAMP—PCM<br>OUTPUT                    | 14-27                   |
| LAMP, UNDERHOOD: LAMPS                                                     | 8L-12             | LIGHTER/POWER OUTLET, CIGAR                                                | 8E-14,8E-6     | MANIFOLD ABSOLUTE PRESSURE (MAP)<br>SENSOR; FUEL SYSTEM     | 14-36                   |
| LAMP, UPSHIFT INDICATOR                                                    | 8E-17,8E-8        | LIGHTING INDICATOR LAMP, MASTER                                            | 8E-16,<br>8E-7 | MANIFOLD ABSOLUTE PRESSURE (MAP)<br>SENSOR; IGNITION SYSTEM | 8D-16,8D-5              |
| LAMP—PCM OUTPUT, MALFUNCTION<br>INDICATOR                                  | 14-27             | LIGHTS (CANADA ONLY), DAYTIME<br>RUNNING                                   | 8L-14          | MANIFOLD ABSOLUTE PRESSURE (MAP)<br>SENSOR TEST             | 14-31                   |
| LAMPS AND CHMSL LAMPS, STOP                                                | 8W-51-1           | LIMITED SLIP DIFFERENTIAL                                                  | 3-50,3-85      | MANIFOLD ABSOLUTE PRESSURE (MAP)<br>SENSOR—PCM INPUT        | 14-24                   |
| LAMPS AND REAR LICENSE PLATE<br>LAMPS, TAIL                                | 8W-51-1           | LIMITS, HIGH AND LOW                                                       | 25-10          | MANIFOLD ABSOLUTE PRESSURE<br>SENSOR                        | 8W-30-4                 |
| LAMPS, BACK-UP                                                             | 8W-51-1           | LINE AND FITTINGS, TRANSMISSION<br>COOLER                                  | 21-102         | MANIFOLD AIR TEMPERATURE SENSOR,<br>INTAKE; FUEL SYSTEM     | 14-33,14-38             |
| LAMPS, CLUSTER ILLUMINATION                                                | 8E-14,8E-6        | LINE AND HOSES, BRAKE                                                      | 5-11           | MANIFOLD AIR TEMPERATURE SENSOR,<br>INTAKE; IGNITION SYSTEM | 8D-10,8D-17,8D-5        |
| LAMPS, DOME/CARGO LAMP, SOUND<br>BAR LAMP, COURTESY                        | 8W-44-1           | LINE, BRAKE                                                                | 5-13           | MANIFOLD AIR TEMPERATURE<br>SENSOR—PCM INPUT, INTAKE        | 14-24                   |
| LAMPS, EXTERIOR                                                            | 8L-15             | LINE COUPLERS, REFRIGERANT                                                 | 24-20,24-7     | MANIFOLD LEAKAGE DIAGNOSIS,<br>INTAKE                       | 9-9                     |
| LAMPS, FOG                                                                 | 8W-50-1           | LINES, BRAKE HOSES                                                         | 5-6            | MANIFOLD—2.5L ENGINE, EXHAUST                               | 11-7                    |
| LAMPS, FOUR-WHEEL DRIVE INDICATOR                                          | 8E-15,<br>8E-6    | LINES, REFRIGERANT                                                         | 24-7           | MANIFOLD—2.5L ENGINE, INTAKE                                | 11-4                    |
| LAMPS, ILLUMINATION                                                        | 8W-40-2           | LINK CONNECTOR, DATA; 8W-30<br>FUEL/IGNITION SYSTEMS                       | 8W-30-1        | MANIFOLD—4.0L ENGINE, EXHAUST                               | 11-8                    |
| LAMPS, INDICATOR                                                           | 8E-3              | LINK CONNECTOR, DATA; 8W-35<br>ALL-WHEEL ANTI-LOCK BRAKES                  | 8W-35-2        | MANIFOLD—4.0L ENGINE, INTAKE                                | 11-6                    |
| LAMPS, INSTRUMENT PANEL<br>ILLUMINATION                                    | 8W-44-1           | LINK CONNECTOR—PCM INPUT AND<br>OUTPUT, DATA                               | 14-26          | MANUAL STEERING<br>GEAR                                     | 19-21,19-23,19-27,19-28 |
| LAMPS, INTERIOR                                                            | 8L-15             | LINK, DRAG                                                                 | 19-32          | MANUAL STEERING SYSTEM                                      | 19-22                   |
| LAMPS, PARKING                                                             | 8W-50-1           | LINKAGE ADJUSTMENT, SHIFT                                                  | 21-187         | MANUAL TRANSMISSION, AX15                                   | 21-34,21-68             |
| LAMPS, STOP LAMPS AND CHMSL<br>LAMPS, TAIL LAMPS AND REAR<br>LICENSE PLATE | 8W-51-1           | LINKAGE AND PIVOTS, WIPER                                                  | 8K-2,8K-9      | MANUAL TRANSMISSION COMPONENTS,<br>AX-5                     | 21-31                   |
| LAMPS, TURN SIGNAL                                                         | 8J-2              | LINKAGE, CLUTCH HYDRAULIC                                                  | 6-12           | MANUAL TRANSMISSION TORQUE, AX-5                            | 21-33                   |
| LAMPS, TURN SIGNAL INDICATOR;<br>8W-40 INSTRUMENT CLUSTER                  | 8W-40-2           | LINKAGE FLUID, CLUTCH                                                      | 6-9            | MANUAL TRANSMISSION UP-SHIFT<br>LAMP                        | 8W-40-2                 |
| LAMPS, TURN SIGNAL INDICATOR;<br>INSTRUMENT PANEL SYSTEMS                  | 8E-17,8E-8        | LINKAGE, STEERING                                                          | 19-31,19-33    | MANUAL TRANSMISSION—AX15                                    | 21-34                   |
|                                                                            |                   | LOAD TEST                                                                  | 8A-7           | MANUAL TRANSMISSION—AX5                                     | 21-1                    |
|                                                                            |                   | LOAD VALUE                                                                 | 25-10          | MAP SENSOR                                                  | 8D-8                    |
|                                                                            |                   | LOCATIONS, CONNECTOR/GROUND;<br>8W-01 GENERAL INFORMATION                  | 8W-01-1        | MARKER LAMP BULB, SIDE                                      | 8L-8                    |
|                                                                            |                   | LOCATIONS, CONNECTOR/GROUND;<br>8W-90 CONNECTOR LOCATIONS                  | 8W-90-1        | MARKER LAMP, SIDE                                           | 8L-11                   |
|                                                                            |                   | LOCATIONS, SPLICE; 8W-01 GENERAL<br>INFORMATION                            | 8W-01-1        | MASTER CYLINDER                                             | 5-12,5-16,5-3           |
|                                                                            |                   | LOCATIONS, SPLICE; 8W-95 SPLICE<br>LOCATIONS                               | 8W-95-1        | MASTER CYLINDER RESERVOIR                                   | 5-22                    |
|                                                                            |                   |                                                                            |                | MASTER CYLINDER/POWER BOOSTER                               | 5-9                     |

| Description                                                | Group-Page       | Description                                                     | Group-Page    | Description                                                  | Group-Page          |
|------------------------------------------------------------|------------------|-----------------------------------------------------------------|---------------|--------------------------------------------------------------|---------------------|
| MASTER LIGHTING INDICATOR LAMP                             | 8E-16,8E-7       | NUMBER DECODING CHART, VEHICLE IDENTIFICATION                   | Intro.-1      | OUTS, TAKE                                                   | 8W-01-3             |
| MATCH MOUNTING                                             | 22-4             | NUMBER, VEHICLE IDENTIFICATION                                  | Intro.-1      | OUTSIDE HANDLE, HALF DOOR                                    | 23-26               |
| MEASUREMENT, PROPELLER SHAFT ANGLE                         | 3-5              | NUT, WORM SHAFT AND BALL                                        | 19-24         | OUTSIDE HANDLE, TAILGATE                                     | 23-43               |
| MEASUREMENTS AND ADJUSTMENTS, ALIGNMENT                    | 2-4              | NV231                                                           | 21-188        | OUTSIDE RELEASE HANDLE, FULL DOOR                            | 23-21               |
| MEASURING WITH PLASTIGAGE                                  | 9-3              | NV231 DIAGNOSIS                                                 | 21-168        | OVER-CENTER PRELOAD                                          | 19-27               |
| MECHANISM, BRAKE TRANSMISSION SHIFT INTERLOCK              | 21-75            | NV231 TRANSFER CASE                                             | 21-170,21-184 | OVERRUNNING CLUTCH/LOW-REVERSE DRUM                          | 21-124              |
| MECHANISM, GEARSHIFT                                       | 21-74            | (O2S)—PCM INPUT, OXYGEN SENSOR                                  | 14-23         | OVERRUNNING CLUTCH/LOW-REVERSE DRUM/REAR SUPPORT             | 21-142              |
| MECHANISM, SHIFT                                           | 21-9             | ODOMETER - TRIP ODOMETER                                        | 8E-11         | OVERSIZE AND UNDERSIZE COMPONENT CODES                       | 9-19,9-54           |
| MEMORY, RADIO                                              | 8W-47-1          | ODOMETER, ODOMETER - TRIP                                       | 8E-11         | OVERVIEW; BATTERY                                            | 8A-1                |
| METHODS AND PARTS USAGE, INSTALLATION                      | 6-1              | ODOMETER, ODOMETER/TRIP                                         | 8E-4          | OVERVIEW; CHARGING SYSTEM                                    | 8C-1                |
| METRIC CONVERSION                                          | Intro.-8         | ODOMETER/TRIP ODOMETER                                          | 8E-4          | OVERVIEW; STARTING SYSTEMS                                   | 8B-1                |
| METRIC SYSTEM                                              | Intro.-7         | OIL COOLER, AUTOMATIC TRANSMISSION                              | 7-24          | OXYGEN (O2S) SENSORS                                         | 14-32               |
| MINI FLOOR CONSOLE                                         | 23-34            | OIL COOLER, AUXILIARY TRANSMISSION                              | 7-24          | OXYGEN SENSOR                                                | 14-37               |
| MIRROR, REAR VIEW                                          | 23-38            | OIL COOLER FLOW CHECK                                           | 21-78         | OXYGEN SENSOR (O2S)—PCM INPUT                                | 14-23               |
| MIRROR, SIDE VIEW                                          | 23-17            | OIL COOLER, TRANSMISSION                                        | 7-3           | OXYGEN SENSORS, HEATED                                       | 8W-30-2             |
| MIRROR SUPPORT BRACKET, REARVIEW                           | 23-38            | OIL, ENGINE                                                     | 9-5           | PAINT                                                        | 23-2                |
| MODE, CIRCUIT ACTUATION TEST                               | 25-2             | OIL LEVEL, REFRIGERANT                                          | 24-19         | PAINT CODE                                                   | 23-2                |
| MODE DOOR VACUUM ACTUATORS                                 | 24-30            | OIL PAN                                                         | 9-42,9-75     | PAINT REPAIR PRODUCTS, AFTERMARKET                           | 23-3                |
| MODE, STATE DISPLAY TEST                                   | 25-2             | OIL PRESSURE, ENGINE                                            | 9-11          | PAINTED SURFACE TOUCHUP                                      | 23-2                |
| MODEL 44 AXLE                                              | 3-113            | OIL PRESSURE GAUGE; 8W-30 FUEL/IGNITION SYSTEMS                 | 8W-30-4       | PAN, OIL                                                     | 9-42,9-75           |
| MODES OF OPERATION                                         | 14-18            | OIL PRESSURE GAUGE; 8W-40 INSTRUMENT CLUSTER                    | 8W-40-2       | PANEL ASSEMBLY, INSTRUMENT                                   | 8E-24               |
| MODULE, AIRBAG                                             | 8M-2,8M-5        | OIL PRESSURE GAUGE; INSTRUMENT PANEL SYSTEMS                    | 8E-11,8E-4    | PANEL BASE, INSTRUMENT                                       | 8E-26               |
| MODULE, AIRBAG CONTROL; 8W-43 AIRBAG SYSTEM                | 8W-43-1          | OIL PUMP                                                        | 9-43,9-76     | PANEL CENTER BEZEL, INSTRUMENT                               | 8E-20               |
| MODULE, AIRBAG CONTROL; PASSIVE RESTRAINT SYSTEMS          | 8M-3,8M-8        | OIL PUMP AND REACTION SHAFT SUPPORT                             | 21-126,21-143 | PANEL, FULL DOOR TRIM                                        | 23-20               |
| MODULE, DAYTIME RUNNING LAMP (DRL); 8W-50 FRONT LIGHTING   | 8W-50-1          | OIL PUMP PRESSURE                                               | 9-19,9-54     | PANEL, HALF DOOR TRIM                                        | 23-25               |
| MODULE, DAYTIME RUNNING LAMP (DRL); LAMPS                  | 8L-14            | OIL, REFRIGERANT                                                | 24-7          | PANEL, HOOD INSULATION                                       | 23-13               |
| MODULE, FUEL PUMP; 8W-30 FUEL/IGNITION SYSTEMS             | 8W-30-2          | OIL SEAL REPLACEMENT, INNER AXLE SHAFT                          | 3-27          | PANEL ILLUMINATION LAMPS, INSTRUMENT                         | 8W-44-1             |
| MODULE, FUEL PUMP; FUEL SYSTEM                             | 14-11,14-3       | OIL SEAL, TIMING CASE COVER                                     | 9-36,9-80     | PANEL, INSTRUMENT                                            | 8E-2                |
| MODULE, FUSEBLOCK                                          | 8E-24,8E-3       | OIL SEALS, REAR MAIN                                            | 9-45,9-80     | PANEL, RADIATOR GRILLE                                       | 23-12               |
| MODULE (PCM), POWERTRAIN CONTROL; FUEL SYSTEM              | 14-20,14-36      | OIL SEALS, VALVE SPRINGS                                        | 9-31          | PANEL TOP COVER, INSTRUMENT                                  | 8E-19               |
| MODULE (PCM), POWERTRAIN CONTROL; IGNITION SYSTEM          | 8D-20            | ON-BOARD DIAGNOSTIC TEST FOR CHARGING SYSTEM                    | 8C-5          | PARK GEAR, GOVERNOR                                          | 21-106,21-138,21-99 |
| MODULE, POWERTRAIN CONTROL                                 | 8D-2             | ON-BOARD DIAGNOSTICS                                            | 25-1          | PARK LOCK                                                    | 21-100              |
| MOLDING, BODY SIDE                                         | 23-19            | ON-BOARD DIAGNOSTICS (OBD)                                      | 7-7           | PARK LOCK, EXTENSION HOUSING                                 | 21-140              |
| MONITORED SYSTEMS                                          | 25-7             | OPEN-CIRCUIT VOLTAGE TEST                                       | 8A-7          | PARKING BRAKE                                                | 5-11,5-5            |
| MONITORS, COMPONENT                                        | 25-9             | OPENING FRAME, DOOR                                             | 23-31         | PARKING BRAKE CABLE, REAR                                    | 5-21                |
| MOTOR, BLOWER; 8W-42 AIR CONDITIONING/HEATER               | 8W-42-1          | OPERATION, A/C                                                  | 8W-42-1       | PARKING BRAKE CABLE TENSIONER                                | 5-27                |
| MOTOR, BLOWER; HEATING AND AIR CONDITIONING                | 24-15,24-27,24-4 | OPERATION, AIR TESTING TRANSMISSION CLUTCH AND BAND             | 21-82         | PARKING BRAKE HAND LEVER                                     | 5-21                |
| MOTOR, IDLE AIR CONTROL (IAC); 8W-30 FUEL/IGNITION SYSTEMS | 8W-30-5          | OPERATION, CHARGING SYSTEM                                      | 8C-1          | PARKING LAMPS                                                | 8W-50-1             |
| MOTOR, IDLE AIR CONTROL (IAC); FUEL SYSTEM                 | 14-33,14-35      | OPERATION, CLUTCH                                               | 6-2           | PARK/NEUTRAL POSITION SWITCH; 8W-30 FUEL/IGNITION SYSTEMS    | 8W-30-4             |
| MOTOR RELAY, ABS PUMP                                      | 8W-35-1          | OPERATION, MODES OF OPERATION, POWER STEERING PUMP—INITIAL      | 19-5          | PARK/NEUTRAL POSITION SWITCH; TRANSMISSION AND TRANSFER CASE | 21-77,21-97         |
| MOTOR RELAY, HIGH SPEED BLOWER                             | 24-17,24-29,24-6 | OPERATION, TIRE PRESSURE FOR HIGH—SPEED                         | 22-3          | PARK/NEUTRAL SWITCH—PCM INPUT, TRANSMISSION                  | 14-24               |
| MOTOR RESISTOR, BLOWER                                     | 24-15,24-29,24-5 | OPERATION, TRAC-LOK ORDER—2.5L 4-CYLINDER ENGINE, ENGINE FIRING | 3-47,3-82     | PARK/TURN SIGNAL LAMP BULB, FRONT                            | 8L-8                |
| MOTOR SWITCH, BLOWER                                       | 24-15,24-28,24-5 | ORDER—4.0L 6-CYLINDER ENGINE, ENGINE FIRING                     | 8D-22         | PARK/TURN SIGNAL LAMP, FRONT                                 | 8L-11               |
| MOTOR, WIPER                                               | 8K-9             | ORIFICE TUBE, FIXED                                             | 24-26,24-6    | PARTS AND LUBRICANT RECOMMENDATIONS                          | 0-1                 |
| MOTOR—PCM OUTPUT, IDLE AIR CONTROL (IAC)                   | 14-26            | OUTER BELT SEAL, FULL DOOR                                      | 23-24         | PARTS USAGE, INSTALLATION METHODS                            | 6-1                 |
| MOTORS, WIPER                                              | 8K-2             | OUTLET, CIGAR LIGHTER/POWER                                     | 8E-14,8E-6    | PASSENGER AIRBAG DOOR                                        | 8M-7                |
| MOUNTED STOP LAMP (CHMSL) BULB, CENTER HIGH                | 8L-9             | OUTLET, POWER                                                   | 8W-41-1       | PATTERN, SHIFT                                               | 21-1                |
| MOUNTED STOP LAMP (CHMSL), CENTER HIGH                     | 8L-11            | OUTLETS, DUCTS                                                  | 24-34         | PATTERN, TRANSMISSION SHIFT                                  | 21-35               |
| MOUNTING, BATTERY                                          | 8A-3             | OUTPUT, AIR CONDITIONING (A/C) CLUTCH RELAY—PCM                 | 14-25         | PATTERNS, TIRE WEAR                                          | 22-3                |
| MOUNTING, MATCH                                            | 22-4             | OUTPUT, AUTO SHUTDOWN (ASD) RELAY—PCM                           | 14-26         | PCM GROUND                                                   | 8W-30-1             |
| MOUNTING STUDS, WHEEL                                      | 2-10             | OUTPUT, DATA LINK CONNECTOR—PCM INPUT                           | 14-26         | PEDAL, ACCELERATOR                                           | 14-15               |
| MOUNT—REAR, ENGINE                                         | 9-27,9-63        | OUTPUT, DUTY CYCLE EVAP PURGE SOLENOID VALVE-PCM                | 14-26         | PEDAL, BRAKE                                                 | 5-14,5-2            |
| MOUNTS—FRONT, ENGINE                                       | 9-27,9-63        | OUTPUT, FUEL INJECTORS—PCM                                      | 14-26         | PEDAL, CLUTCH                                                | 6-13                |
| MUFFLER TAILPIPE ASSEMBLY                                  | 11-4             | OUTPUT, FUEL PUMP RELAY-PCM                                     | 14-26         | PERFORMANCE, A/C                                             | 24-8                |
| MULTI-FUNCTION SWITCH                                      | 8J-2,8J-3,8J-4   | OUTPUT, GENERATOR FIELD DRIVER (-)—PCM                          | 14-26         | PERFORMANCE, COOLANT                                         | 7-4                 |
| NECK SEAL—PRESSURE RELIEF CHECK, RADIATOR CAP-TO-FILLER    | 7-21             | OUTPUT, GENERATOR FIELD SOURCE (+)—PCM                          | 14-26         | PERFORMANCE, ENGINE                                          | 9-2                 |
| NOISE - 2.5L ENGINE, STARTER                               | 8B-8             | OUTPUT, IDLE AIR CONTROL (IAC) MOTOR—PCM                        | 14-26         | PERFORMANCE, HEATER                                          | 24-11               |
| NOISE DIAGNOSIS, TRAC-LOK                                  | 3-53,3-88        | OUTPUT, IGNITION COIL—PCM                                       | 14-27         | PILOT BEARING                                                | 6-12                |
| NOISE, GEAR AND BEARING                                    | 3-17,3-48,3-83   | OUTPUT, MALFUNCTION INDICATOR LAMP—PCM                          | 14-27         | PIN REPLACEMENT, CAMSHAFT                                    | 9-39,9-74           |
| NOISE OR VIBRATION, TIRE                                   | 22-4             | OUTPUT SHAFT                                                    | 21-62         | PINION GEAR                                                  | 3-27,3-60,3-96      |
| NOISE, STEERING                                            | 19-2             | OUTPUT SHAFT AND CLUSTER GEAR                                   | 21-59         | PINION GEAR DEPTH                                            | 3-105,3-34,3-69     |
| NOISE SUPPRESSION, RADIO                                   | 8F-2             | OUTPUT, TACHOMETER—PCM                                          | 14-27         | PINION GEAR DEPTH VARIANCE                                   | 3-106,3-35,3-70     |
| NOISE, TRANSMISSION                                        | 21-36,21-3       | OUTPUT TEST, CURRENT                                            | 8C-4          | PINION SEAL                                                  | 3-23,3-54,3-89      |
| NON-MONITORED CIRCUITS                                     | 25-9             | OUTPUTS, CCD BUS (+/-) CIRCUITS-PCM                             | 14-26         | PIPE, EXHAUST                                                | 11-3                |
| NOTES, CAUTIONS, AND WARNINGS                              | 8W-01-1          |                                                                 |               | PISTON AND WORM SHAFT, RACK                                  | 19-15               |
| NOZZLES AND PLUMBING, WASHER                               | 8K-3             |                                                                 |               | PISTON FITTING                                               | 9-19,9-56           |

| Description                       | Group-Page             | Description                      | Group-Page       | Description                      | Group-Page          |
|-----------------------------------|------------------------|----------------------------------|------------------|----------------------------------|---------------------|
| PITMAN SHAFT AND COVER            | 19-23                  | POWER STEERING SYSTEM DIAGNOSIS  |                  | PROPELLER SHAFTS                 | 3-1                 |
| PITMAN SHAFT SEAL                 | 19-23                  | CHARTS                           | 19-2             | PROPELLER SHAFTS AND U-JOINTS    | 3-14                |
| PITMAN SHAFT SEALS AND BEARING    | 19-17                  | POWERTRAIN CONTROL MODULE        | 8D-2             | PULLEY, TC-SERIES PUMP           | 19-7                |
| PITMAN SHAFT SEALS-IN VEHICLE     | 19-10                  | POWERTRAIN CONTROL MODULE        |                  | PUMP AND REACTION SHAFT SUPPORT, |                     |
| PIVOTS, WIPER LINKAGE             | 8K-2,8K-9              | (PCM); FUEL SYSTEM               | 14-20,14-36      | OIL                              | 21-126,21-143       |
| PLANETARY GEARTRAIN               | 21-144                 | POWERTRAIN CONTROL MODULE        |                  | PUMP, FUEL                       | 14-3                |
| PLANETARY GEARTRAIN/OUTPUT SHAFT  | 21-133                 | (PCM); IGNITION SYSTEM           | 8D-20            | PUMP INLET FILTER, FUEL          | 14-11               |
| PLASTIGAGE, MEASURING WITH        | 9-3                    | PRE-ALIGNMENT INSPECTION         | 2-3              | PUMP LEAKAGE DIAGNOSIS           | 19-5                |
| PLATE BEZEL, LICENSE              | 23-42                  | PRECAUTIONS                      | 3-2              | PUMP MODULE, FUEL; 8W-30         |                     |
| PLATE, BODY CODE                  | Intro-2                | PRECAUTIONS AND WARNINGS, SAFETY | 23-1             | FUEL/IGNITION SYSTEMS            | 8W-30-2             |
| PLATE, FUEL TANK SKID             | 13-7                   | PRECAUTIONS, SAFETY; BODY        | 23-5             | PUMP MODULE, FUEL; FUEL          |                     |
| PLATE LAMPS, TAIL LAMPS AND REAR  |                        | PRECAUTIONS, SAFETY; LAMPS       | 8L-1             | SYSTEM                           | 14-11,14-3          |
| LICENSE                           | 8W-51-1                | PRECAUTIONS, SERVICE WARNINGS    | 24-2             | PUMP MOTOR RELAY, ABS            | 8W-35-1             |
| PLATE, TRANSFER CASE SKID         | 13-6                   | PRELIMINARY CHECKS               | 7-12             | PUMP, OIL                        | 9-43,9-76           |
| PLUG ASSEMBLY, ADJUSTER           | 19-12                  | PRELIMINARY DIAGNOSIS            | 21-76            | PUMP, POWER STEERING             | 19-4,19-6,19-8      |
| PLUG CABLE RESISTANCE, SPARK      | 8D-23                  | PRELOAD AND GEAR BACKLASH,       |                  | PUMP PRESSURE, OIL               | 9-19,9-54           |
| PLUG CABLES, SPARK                | 8D-10,8D-13,8D-3       | DIFFERENTIAL BEARING             | 3-108,3-37,3-72  | PUMP PRESSURE TEST, POWER        |                     |
| PLUG CONDITIONS, SPARK            | 8D-11                  | PRELOAD, OVER-CENTER             | 19-27            | STEERING                         | 19-4                |
| PLUG, HOUSING END                 | 19-11                  | PRELOAD, WORM BEARING            | 19-27            | PUMP PRESSURE TEST—2.5L ENGINE,  |                     |
| PLUG LOCATIONS, TRANSMISSION      |                        | PREPARATION, HEADLAMP ALIGNMENT  | 8L-5             | FUEL                             | 14-5                |
| SWITCH                            | 21-35                  | PRESSURE CAP, RADIATOR           | 7-32,7-5         | PUMP PRESSURE TEST—4.0L ENGINE,  |                     |
| PLUGS, SPARK                      | 8D-13,8D-23,8D-2       | PRESSURE CUT-OFF SWITCH,         |                  | FUEL                             | 14-6                |
| PLUMBING, WASHER NOZZLES          | 8K-3                   | HIGH                             | 24-17,24-24,24-6 | PUMP PULLEY, TC-SERIES           | 19-7                |
| POLISHING, FINESSE SANDING,       |                        | PRESSURE CYCLING CLUTCH SWITCH,  |                  | PUMP RELAY, FUEL; 8W-30 FUEL/    |                     |
| BUFFING                           | 23-2                   | LOW                              | 24-18,24-26,24-7 | IGNITION SYSTEMS                 | 8W-30-2             |
| POOR CONNECTIONS, INTERMITTENT    | 8W-01-5                | PRESSURE, ENGINE OIL             | 9-11             | PUMP RELAY, FUEL; FUEL SYSTEM    | 14-34               |
| POOR RETURN TO CENTER,            |                        | PRESSURE FOR HIGH—SPEED          |                  | PUMP RELAY-PCM OUTPUT, FUEL      | 14-26               |
| INSUFFICIENT ASSIST OR            | 19-3                   | OPERATION, TIRE                  | 22-3             | PUMP RELAYS, ASD AND FUEL        | 14-30               |
| PORT, FUEL SYSTEM PRESSURE        |                        | PRESSURE, FUEL SYSTEM            | 14-16            | PUMP REMOTE RESERVOIR—2.5L       | 19-6                |
| RELEASE PROCEDURE—WITHOUT         |                        | PRESSURE GAUGE, OIL; 8W-30       |                  | PUMP RESERVOIR, TC-SERIES        | 19-7                |
| TEST                              | 14-7                   | FUEL/IGNITION SYSTEMS            | 8W-30-4          | PUMP, WATER                      | 7-25,7-2,7-5,7-8    |
| PORT, FUEL SYSTEM PRESSURE        |                        | PRESSURE GAUGE, OIL; 8W-40       |                  | PUMP—INITIAL OPERATION, POWER    |                     |
| RELEASE PROCEDURE—WITH TEST       | 14-7                   | INSTRUMENT CLUSTER               | 8W-40-2          | STEERING                         | 19-5                |
| PORTS, REFRIGERANT SYSTEM SERVICE | 24-8                   | PRESSURE GAUGE, OIL; INSTRUMENT  |                  | PUMPS AND RESERVOIR, WASHER      | 8K-12               |
| POSITION SENSOR, CAMSHAFT; 8W-30  |                        | PANEL SYSTEMS                    | 8E-11,8E-4       | PUMPS, WASHER                    | 8K-3                |
| FUEL/IGNITION SYSTEMS             | 8W-30-3                | PRESSURE GAUGES                  | 22-3             | PURGE SOLENOID, DUTY CYCLE EVAP  |                     |
| POSITION SENSOR, CAMSHAFT; FUEL   |                        | PRESSURE LEAKAGE TEST, CYLINDER  |                  | CANISTER; EMISSION CONTROL       |                     |
| SYSTEM                            | 14-37                  | COMBUSTION                       | 9-9              | SYSTEMS                          | 25-11               |
| POSITION SENSOR, CAMSHAFT;        |                        | PRESSURE (MAP) SENSOR, MANIFOLD  |                  | PURGE SOLENOID, DUTY CYCLE EVAP  |                     |
| IGNITION SYSTEM                   | 8D-16,8D-4,8D-8        | ABSOLUTE; FUEL SYSTEM            | 14-36            | CANISTER; FUEL SYSTEM            | 14-36               |
| POSITION SENSOR, CRANKSHAFT;      |                        | PRESSURE (MAP) SENSOR, MANIFOLD  |                  | PURGE SOLENOID, EVAP CANISTER    | 25-14               |
| 8W-30 FUEL/IGNITION SYSTEMS       | 8W-30-3                | ABSOLUTE; IGNITION SYSTEM        | 8D-16,8D-5       | PURGE SOLENOID VALVE-PCM OUTPUT, |                     |
| POSITION SENSOR, CRANKSHAFT; FUEL |                        | PRESSURE (MAP) SENSOR TEST,      |                  | DUTY CYCLE EVAP                  | 14-26               |
| SYSTEM                            | 14-37                  | MANIFOLD ABSOLUTE                | 14-31            | PUSH RODS, ROCKER                |                     |
| POSITION SENSOR, CRANKSHAFT;      |                        | PRESSURE (MAP) SENSOR—PCM        |                  | ARMS                             | 9-31,9-48,9-66,9-84 |
| IGNITION SYSTEM                   | 8D-15,8D-3             | INPUT, MANIFOLD ABSOLUTE         | 14-24            | QUARTER GLASS                    | 23-6                |
| POSITION SENSOR TEST, CRANKSHAFT  | 8D-8                   | PRESSURE, OIL PUMP               | 9-19,9-54        | QUICK-CONNECT FITTINGS           | 14-5,14-8           |
| POSITION SENSOR, THROTTLE; 8W-30  |                        | PRESSURE REGULATOR, FUEL         |                  | RACK PISTON AND WORM SHAFT       | 19-15               |
| FUEL/IGNITION SYSTEMS             | 8W-30-4                | FILTER/FUEL                      | 14-10,14-4       | RADIAL-PLY TIRES                 | 22-2                |
| POSITION SENSOR, THROTTLE;        |                        | PRESSURE RELEASE PROCEDURE—      |                  | RADIATOR                         | 7-28,7-32,7-2       |
| IGNITION SYSTEM                   | 8D-17,8D-5             | WITHOUT TEST PORT, FUEL SYSTEM   | 14-7             | RADIATOR CAPS, PRESSURE TESTING  | 7-22                |
| POSITION SENSOR (TPS), THROTTLE   | 14-34,                 | PRESSURE RELEASE PROCEDURE—WITH  |                  | RADIATOR CAP-TO-FILLER NECK      |                     |
| 14-35                             |                        | TEST PORT, FUEL SYSTEM           | 14-7             | SEAL—PRESSURE RELIEF CHECK       | 7-21                |
| POSITION SENSOR (TPS)—PCM INPUT,  |                        | PRESSURE RELIEF VALVE, HIGH      | 24-6             | RADIATOR COOLANT FLOW CHECK      | 7-19                |
| THROTTLE                          | 14-24                  | PRESSURE SENSOR, MANIFOLD        |                  | RADIATOR GRILLE PANEL            | 23-12               |
| POSITION SENSOR—PCM INPUT,        |                        | ABSOLUTE                         | 8W-30-4          | RADIATOR PRESSURE CAP            | 7-32,7-5            |
| CAMSHAFT                          | 14-22                  | PRESSURE SWITCH, POWER STEERING; |                  | RADIO; 8W-47 AUDIO SYSTEM        | 8W-47-1             |
| POSITION SENSOR—PCM INPUT,        |                        | 8W-30 FUEL/IGNITION SYSTEMS      | 8W-30-5          | RADIO; AUDIO SYSTEMS             | 8F-4,8F-6           |
| CRANKSHAFT                        | 14-22                  | PRESSURE SWITCH, POWER STEERING; |                  | RADIO FREQUENCY INTERFERENCE     | 8F-6                |
| POSITION SENSORS, CAMSHAFT AND    |                        | FUEL SYSTEM                      | 14-33            | RADIO ILLUMINATION               | 8W-47-1             |
| CRANKSHAFT                        | 14-32                  | PRESSURE SWITCH—2.5L ENGINE,     |                  | RADIO MEMORY                     | 8W-47-1             |
| POSITION SWITCH, PARK/NEUTRAL;    |                        | POWER STEERING                   | 14-37            | RADIO NOISE SUPPRESSION          | 8F-2                |
| 8W-30 FUEL/IGNITION SYSTEMS       | 8W-30-4                | PRESSURE SWITCH—PCM INPUT,       |                  | RADIOS                           | 8F-1                |
| POSITION SWITCH, PARK/NEUTRAL;    |                        | POWER STEERING                   | 14-25            | RAIL AND FORK, SHIFT             | 21-53               |
| TRANSMISSION AND TRANSFER         |                        | PRESSURE TEST, CYLINDER          |                  | RAIL, FUEL                       | 14-5                |
| CASE                              | 21-77,21-97            | COMPRESSION                      | 9-9              | RAIL, FUEL INJECTOR              | 14-12               |
| POWER BRAKE BOOSTER               | 5-16,5-2               | PRESSURE TEST, HYDRAULIC         | 21-79            | RATINGS, BATTERY SIZE            | 8A-2                |
| POWER GROUND                      | 14-25                  | PRESSURE TEST, POWER STEERING    |                  | RATINGS, GENERATOR               | 8C-8                |
| POWER OUTLET                      | 8W-41-1                | PUMP                             | 19-4             | RATIOS, GEAR                     | 21-1                |
| POWER STEERING                    | 19-1                   | PRESSURE TESTING RADIATOR CAPS   | 7-22             | RATIOS, TRANSMISSION GEAR        | 21-35,21-74         |
| POWER STEERING                    |                        | PRESSURE TEST—2.5L ENGINE, FUEL  |                  | RBI AXLE, 194                    | 3-46,3-77           |
| GEAR                              | 19-10,19-19,19-20,19-9 | PUMP                             | 14-5             | RBI REAR AXLE, 194               | 3-46                |
| POWER STEERING GEAR LEAKAGE       |                        | PRESSURE TEST—4.0L ENGINE, FUEL  |                  | RBI REAR AXLE, 216               | 3-81                |
| DIAGNOSIS                         | 19-10                  | PUMP                             | 14-6             | REACTION SHAFT SUPPORT, OIL      |                     |
| POWER STEERING PRESSURE SWITCH;   |                        | PRESSURES, TIRE INFLATION        | 22-2             | PUMP                             | 21-126,21-143       |
| 8W-30 FUEL/IGNITION SYSTEMS       | 8W-30-5                | PROBLEMS, TROUBLESHOOTING        |                  | REAR AXLE                        | 3-54,3-89           |
| POWER STEERING PRESSURE SWITCH;   |                        | WIRING                           | 8W-01-7          | REAR AXLE, 194 RBI               | 3-46                |
| FUEL SYSTEM                       | 14-33                  | PROCEDURE—WITHOUT TEST PORT,     |                  | REAR AXLE, 216 RBI               | 3-81                |
| POWER STEERING PRESSURE           |                        | FUEL SYSTEM PRESSURE RELEASE     | 14-7             | REAR AXLE ALIGNMENT              | 3-49,3-84           |
| SWITCH—2.5L ENGINE                | 14-37                  | PROCEDURE—WITH TEST PORT, FUEL   |                  | REAR BAND ADJUSTMENT             | 21-148              |
| POWER STEERING PRESSURE           |                        | SYSTEM PRESSURE RELEASE          | 14-7             | REAR BUMPER                      | 13-2                |
| SWITCH—PCM INPUT                  | 14-25                  | PRODUCTS, AFTERMARKET PAINT      |                  | REAR BUMPER EXTENSION            | 13-2                |
| POWER STEERING PUMP               | 19-4,19-6,19-8         | REPAIR                           | 23-3             | REAR CLUTCH                      | 21-130,21-144       |
| POWER STEERING PUMP PRESSURE      |                        | PROPELLER SHAFT                  | 3-14             | REAR DRUM BRAKE                  | 5-26,5-27,5-4       |
| TEST                              | 19-4                   | PROPELLER SHAFT ANGLE            |                  | REAR GLASS HEATING GRID          | 8N-1,8N-3           |
| POWER STEERING PUMP—INITIAL       |                        | MEASUREMENT                      | 3-5              | REAR GLASS HEATING GRID REPAIRS  | 8N-5                |
| OPERATION                         | 19-5                   | PROPELLER SHAFT, FRONT           | 3-6              | REAR LICENSE PLATE LAMPS, TAIL   |                     |
|                                   |                        | PROPELLER SHAFT, REAR            | 3-8              | LAMPS                            | 8W-51-1             |

| Description                                               | Group-Page       | Description                                              | Group-Page          | Description                                                     | Group-Page       |
|-----------------------------------------------------------|------------------|----------------------------------------------------------|---------------------|-----------------------------------------------------------------|------------------|
| REAR MAIN OIL SEALS                                       | 9-45,9-80        | REPAIR, ALUMINUM THREAD                                  | 21-95               | SEALS AND BEARING, PITMAN SHAFT                                 | 19-17            |
| REAR PARKING BRAKE CABLE                                  | 5-21             | REPAIR DAMAGED OR WORN THREADS                           | 9-4                 | SEALS, REAR MAIN OIL                                            | 9-45,9-80        |
| REAR PROPELLER SHAFT                                      | 3-8              | REPAIR, HARD TOP                                         | 23-3                | SEALS, VALVE SPRINGS AND OIL                                    | 9-31             |
| REAR SEAT                                                 | 23-35            | REPAIR PRODUCTS, AFTERMARKET PAINT                       | 23-3                | SEALS-IN VEHICLE, PITMAN SHAFT                                  | 19-10            |
| REAR SEAT CUSHION COVER                                   | 23-10            | REPAIR, WIRING                                           | 8W-01-7             | SEAT BELT REMINDER LAMP                                         | 8E-17,8E-7       |
| REAR SEATBACK                                             | 23-10            | REPAIRING LEAKS                                          | 22-5                | SEAT BELT SWITCH, DRIVER                                        | 8U-2             |
| REAR SEATBACK COVER                                       | 23-10            | REPAIR-MOLEX CONNECTORS, TERMINAL/CONNECTOR              | 8W-01-7             | SEAT, BUCKET                                                    | 23-33            |
| REAR SERVO                                                | 21-143           | REPAIR-THOMAS AND BETTS CONNECTORS, TERMINAL/CONNECTOR   | 8W-01-8             | SEAT CUSHION COVER, BUCKET                                      | 23-9             |
| REAR SERVO PISTON                                         | 21-126           | REPAIRS, REAR GLASS HEATING GRID                         | 8N-5                | SEAT CUSHION COVER, REAR                                        | 23-10            |
| REAR SHOULDER/LAP BELT AND BUCKLE                         | 23-32            | REQUIREMENTS, FUEL                                       | 14-1                | SEAT, REAR                                                      | 23-35            |
| REAR SUSPENSION                                           | 2-12             | RESERVE/OVERFLOW BOTTLE, COOLANT                         | 7-24                | SEATBACK, BUCKET                                                | 23-8             |
| REAR TOW EYE                                              | 13-2             | RESERVE/OVERFLOW SYSTEM, COOLANT                         | 7-4                 | SEATBACK COVER, BUCKET                                          | 23-9             |
| REAR VIEW MIRROR                                          | 23-38            | RESERVOIR, MASTER CYLINDER                               | 5-22                | SEATBACK COVER, REAR                                            | 23-10            |
| REAR WHEEL SPEED SENSOR                                   | 5-35             | RESERVOIR, TC-SERIES PUMP                                | 19-7                | SEATBACK, REAR                                                  | 23-10            |
| REAR WINDOW DEFOGGER                                      | 8W-48-1          | RESERVOIR, VACUUM                                        | 24-27,24-8          | SEATS                                                           | 23-8             |
| REAR WIPER AND WASHER SYSTEM                              | 8K-2             | RESERVOIR, WASHER                                        | 8K-3                | SECTION IDENTIFICATION                                          | 8W-01-1          |
| REAR WIPER SYSTEM                                         | 8W-53-2          | RESERVOIR, WASHER PUMPS                                  | 8K-12               | SECURITY CODE, ANTI-THEFT                                       | 8F-6             |
| REARVIEW MIRROR SUPPORT BRACKET                           | 23-38            | RESERVOIR-2.5L, PUMP REMOTE                              | 19-6                | SELECTION AND ADDITIVES, COOLANT                                | 7-5              |
| RECOMMENDATIONS, HOISTING                                 | 0-10             | RESISTANCE, SPARK PLUG CABLE                             | 8D-23               | SENDING UNIT, FUEL GAUGE                                        | 14-12,14-4,14-7  |
| RECOMMENDATIONS, PARTS AND LUBRICANT                      | 0-1              | RESISTANCE TESTS, CHARGING SYSTEM                        | 8C-3                | SENSE-PCM INPUT, AUTOMATIC SHUTDOWN (ASD) RELAY                 | 14-21            |
| RECOMMENDATIONS, TOWING                                   | 0-9              | RESISTOR, BLOWER MOTOR                                   | 24-15,24-29,24-5    | SENSE-PCM INPUT, IGNITION CIRCUIT                               | 14-24            |
| RECOMMENDED FLUID                                         | 21-74            | RETAINER, ADAPTER HOUSING AND FRONT BEARING              | 21-5                | SENSITIVE DEVICES, ELECTROSTATIC DISCHARGE (ESD)                | 8W-01-5          |
| RECOMMENDED LUBRICANT                                     | 21-1             | RETURN TO CENTER, INSUFFICIENT ASSIST OR POOR            | 19-3                | SENSOR, BATTERY TEMPERATURE; 8W-30 FUEL/IGNITION SYSTEMS        | 8W-30-3          |
| RECOMMENDED LUBRICANT AND FILL LEVEL                      | 21-167           | REVERSE FLUSHING                                         | 7-23                | SENSOR, BATTERY TEMPERATURE; CHARGING SYSTEM                    | 8C-2,8C-5,8C-8   |
| RECOVERY, REFRIGERANT                                     | 24-19            | RING FITTING, PISTON                                     | 9-20,9-57           | SENSOR, CAMSHAFT POSITION; 8W-30 FUEL/IGNITION SYSTEMS          | 8W-30-3          |
| RECREATIONAL TOWING                                       | 0-10             | RING GEAR                                                | 3-59,3-95           | SENSOR, CAMSHAFT POSITION; FUEL SYSTEM                          | 14-37            |
| RED BRAKE WARNING LAMP                                    | 5-2,5-8          | ROAD TEST, ANALYZING                                     | 21-79               | SENSOR, CAMSHAFT POSITION; IGNITION SYSTEM                      | 8D-16,8D-4,8D-8  |
| REFERENCES, TORQUE                                        | Intro-7          | ROAD TESTING                                             | 21-78               | SENSOR, CRANKSHAFT POSITION; 8W-30 FUEL/IGNITION SYSTEMS        | 8W-30-3          |
| REFILLING COOLING SYSTEM                                  | 7-23             | ROCKER ARMS AND PUSH RODS                                | 9-31,9-48,9-66,9-84 | SENSOR, CRANKSHAFT POSITION; FUEL SYSTEM                        | 14-37            |
| REFRIGERANT                                               | 24-7             | RODS                                                     | 9-31,9-48,9-66,9-84 | SENSOR, CRANKSHAFT POSITION; IGNITION SYSTEM                    | 8D-15,8D-3       |
| REFRIGERANT LINE COUPLERS                                 | 24-20,24-7       | ROD BEARINGS, FITTING CONNECTING                         | 9-22,9-58           | SENSOR, ENGINE COOLANT TEMPERATURE; 8W-30 FUEL/IGNITION SYSTEMS | 8W-30-3          |
| REFRIGERANT LINES                                         | 24-7             | ROD, TIE                                                 | 19-31               | SENSOR, ENGINE COOLANT TEMPERATURE; FUEL SYSTEM                 | 14-32,14-38      |
| REFRIGERANT OIL                                           | 24-7             | RODS, PISTONS AND CONNECTING RODS, ROCKER ARMS AND PUSH  | 9-31,9-48,9-66,9-84 | SENSOR, ENGINE COOLANT TEMPERATURE; IGNITION SYSTEM             | 8D-10,8D-16,8D-5 |
| REFRIGERANT OIL LEVEL                                     | 24-19            | ROLLOVER VALVE                                           | 25-11,25-14         | SENSOR, FRONT WHEEL                                             | 5-34             |
| REFRIGERANT RECOVERY                                      | 24-19            | ROTATION                                                 | 22-4                | SENSOR, IMPACT                                                  | 8M-2             |
| REFRIGERANT SYSTEM CHARGE                                 | 24-19            | ROTOR, DISC BRAKE                                        | 5-10,5-19           | SENSOR, INTAKE AIR TEMPERATURE                                  | 8W-30-4          |
| REFRIGERANT SYSTEM EVACUATE                               | 24-19            | ROTOR, DISTRIBUTOR                                       | 8D-8                | SENSOR, INTAKE MANIFOLD AIR TEMPERATURE; FUEL SYSTEM            | 14-33,14-38      |
| REFRIGERANT SYSTEM LEAKS                                  | 24-18            | ROTOR MACHINING, DISC                                    | 5-12                | SENSOR, INTAKE MANIFOLD AIR TEMPERATURE; IGNITION SYSTEM        | 8D-10,8D-17,8D-5 |
| REFRIGERANT SYSTEM SERVICE EQUIPMENT                      | 24-7             | ROUTINE COOLANT LEVEL CHECK                              | 7-22                | SENSOR, MANIFOLD ABSOLUTE PRESSURE                              | 8W-30-4          |
| REFRIGERANT SYSTEM SERVICE PORTS                          | 24-8             | ROUTING, SYSTEM COOLANT                                  | 7-2                 | SENSOR, MANIFOLD ABSOLUTE PRESSURE (MAP); FUEL SYSTEM           | 14-36            |
| REGULATOR, FUEL FILTER/FUEL PRESSURE                      | 14-10,14-4       | RUN CHANNEL WEATHERSTRIP, FULL DOOR GLASS                | 23-24               | SENSOR, MANIFOLD ABSOLUTE PRESSURE (MAP); IGNITION SYSTEM       | 8D-16,8D-5       |
| REGULATOR, FULL DOOR WINDOW                               | 23-25            | RUNNING LAMP DIAGNOSIS, DAYTIME                          | 8L-4                | SENSOR, MAP                                                     | 8D-8             |
| REGULATOR, VOLTAGE                                        | 8C-2             | RUNNING LAMP (DRL) MODULE, DAYTIME; 8W-50 FRONT LIGHTING | 8W-50-1             | SENSOR, O2(S)-PCM INPUT, OXYGEN                                 | 14-23            |
| RELAY, ABS MAIN                                           | 8W-35-1          | RUNNING LAMP (DRL) MODULE, DAYTIME; LAMPS                | 8L-14               | SENSOR, OXYGEN                                                  | 14-37            |
| RELAY, ABS PUMP MOTOR                                     | 8W-35-1          | RUNOUT                                                   | 3-4                 | SENSOR, REAR WHEEL SPEED                                        | 5-35             |
| RELAY, ACCESSORY                                          | 8E-22            | RUNOUT SPECIFICATIONS                                    | 3-5                 | SENSOR SUPPLY-PRIMARY, FIVE VOLT                                | 14-22            |
| RELAY, AUTOMATIC SHUT DOWN (ASD)                          | 8W-30-2          | RUNOUT, TIRE AND WHEEL                                   | 22-7                | SENSOR SUPPLY-SECONDARY, FIVE VOLT                              | 14-22            |
| RELAY, AUTOMATIC SHUTDOWN (ASD); FUEL SYSTEM              | 14-34            | SAFETY CERTIFICATION LABEL, VEHICLE                      | Intro-2             | SENSOR TEST, CRANKSHAFT POSITION                                | 8D-8             |
| RELAY, AUTOMATIC SHUTDOWN (ASD); IGNITION SYSTEM          | 8D-15,8D-3       | SAFETY LATCH, HOOD                                       | 23-14               | SENSOR TEST, MANIFOLD ABSOLUTE PRESSURE (MAP)                   | 14-31            |
| RELAY, COMPRESSOR CLUTCH                                  | 24-17,24-24,24-5 | SAFETY PRECAUTIONS; BODY                                 | 23-5                | SENSOR, THROTTLE POSITION; 8W-30 FUEL/IGNITION SYSTEMS          | 8W-30-4          |
| RELAY, DEFOGGER                                           | 8N-2,8N-3,8N-6   | SAFETY PRECAUTIONS; LAMPS                                | 8L-1                | SENSOR, THROTTLE POSITION; IGNITION SYSTEM                      | 8D-17,8D-5       |
| RELAY, FUEL PUMP; 8W-30 FUEL/IGNITION SYSTEMS             | 8W-30-2          | SAFETY PRECAUTIONS AND WARNINGS                          | 23-1                | SENSOR (TPS), THROTTLE POSITION                                 | 14-34,14-35      |
| RELAY, FUEL PUMP; FUEL SYSTEM                             | 14-34            | SAFETY SWITCH BY-PASS, CLUTCH INTERLOCK                  | 6-1                 | SENSOR (TPS)-PCM INPUT, THROTTLE POSITION                       | 14-24            |
| RELAY, HIGH SPEED BLOWER MOTOR                            | 24-17,24-29,24-6 | SANDING, BUFFING, AND POLISHING, FINESSE                 | 23-2                | SENSOR, VEHICLE SPEED; 8W-30 FUEL/IGNITION SYSTEMS              | 8W-30-2          |
| RELAY, HORN                                               | 8G-1,8G-2,8G-3   | SCAN TOOL, DRB                                           | 7-8                 | SENSOR, VEHICLE SPEED; FUEL SYSTEM                              | 14-34,14-39      |
| RELAY SENSE-PCM INPUT, AUTOMATIC SHUTDOWN (ASD)           | 14-21            | SCHEDULE-A                                               | 0-3                 | SENSOR-PCM INPUT, BATTERY TEMPERATURE                           | 14-22            |
| RELAY, STARTER                                            | 8B-10,8B-2       | SCHEDULE-B                                               | 0-4                 |                                                                 |                  |
| RELAY TEST, AUTOMATIC SHUTDOWN (ASD)                      | 8D-5             | SCHEDULES, MAINTENANCE                                   | 0-3                 |                                                                 |                  |
| RELAY-PCM OUTPUT, AIR CONDITIONING (A/C) CLUTCH           | 14-25            | SCHEMATICS, HYDRAULIC                                    | 21-149              |                                                                 |                  |
| RELAY-PCM OUTPUT, AUTO SHUTDOWN (ASD)                     | 14-26            | SCHEMATICS, VACUUM                                       | 25-13               |                                                                 |                  |
| RELAY-PCM OUTPUT, FUEL PUMP                               | 14-26            | SCREEN, COWL GRILLE                                      | 23-14               |                                                                 |                  |
| RELAYS, ABS SYSTEM                                        | 5-33             | SEAL AND BEARING, AXLE SHAFT                             | 3-57                |                                                                 |                  |
| RELAYS, ASD AND FUEL PUMP                                 | 14-30            | SEAL AND SPRING, VALVE STEM                              | 9-67                |                                                                 |                  |
| RELEASE BEARING                                           | 6-11             | SEAL, AXLE BEARING                                       | 3-91                |                                                                 |                  |
| RELEASE HANDLE, FULL DOOR OUTSIDE                         | 23-21            | SEAL, FULL DOOR OUTER BELT                               | 23-24               |                                                                 |                  |
| RELEASE PROCEDURE-WITHOUT TEST PORT, FUEL SYSTEM PRESSURE | 14-7             | SEAL, PINION                                             | 3-23,3-54,3-89      |                                                                 |                  |
| RELEASE PROCEDURE-WITH TEST PORT, FUEL SYSTEM PRESSURE    | 14-7             | SEAL, PITMAN SHAFT                                       | 19-23               |                                                                 |                  |
| RELIEF CHECK, RADIATOR CAP-TO-FILLER NECK SEAL-PRESSURE   | 7-21             | SEAL REPLACEMENT, INNER AXLE SHAFT OIL                   | 3-27                |                                                                 |                  |
| RELIEF VALVE, HIGH PRESSURE                               | 24-6             | SEAL, TIMING CASE COVER OIL                              | 9-36,9-80           |                                                                 |                  |
| REMINDE LAMP, SEAT BELT                                   | 8E-17,8E-7       | SEAL-PRESSURE RELIEF CHECK, RADIATOR CAP-TO-FILLER NECK  | 7-21                |                                                                 |                  |
| REMOTE RESERVOIR-2.5L, PUMP                               | 19-6             |                                                          |                     |                                                                 |                  |

| Description                                        | Group-Page     | Description                                                                | Group-Page       | Description                                                  | Group-Page              |
|----------------------------------------------------|----------------|----------------------------------------------------------------------------|------------------|--------------------------------------------------------------|-------------------------|
| SENSOR—PCM INPUT, CAMSHAFT POSITION                | 14-22          | SIDE MARKER LAMP BULB                                                      | 8L-8             | SPEED SENSOR, VEHICLE; FUEL SYSTEM                           | 14-34,14-39             |
| SENSOR—PCM INPUT, CRANKSHAFT POSITION              | 14-22          | SIDE MOLDING, BODY                                                         | 23-19            | SPEED SENSORS AND TONE WHEEL, WHEEL                          | 5-32                    |
| SENSOR—PCM INPUT, ENGINE COOLANT TEMPERATURE       | 14-22          | SIDE STEP                                                                  | 23-20            | SPEED SENSORS, WHEEL                                         | 8W-35-1                 |
| SENSOR—PCM INPUT, FUEL LEVEL                       | 14-22          | SIDE VIEW MIRROR                                                           | 23-17            | SPEEDOMETER; 8W-40 INSTRUMENT CLUSTER                        | 8W-40-1                 |
| SENSOR—PCM INPUT, INTAKE MANIFOLD AIR TEMPERATURE  | 14-24          | SIGNAL AND HAZARD WARNING SYSTEMS, TURN                                    | 8J-2             | SPEEDOMETER; INSTRUMENT PANEL SYSTEMS                        | 8E-11,8E-4              |
| SENSOR—PCM INPUT, MANIFOLD ABSOLUTE PRESSURE (MAP) | 14-24          | SIGNAL INDICATOR LAMPS, TURN; 8W-40 INSTRUMENT CLUSTER                     | 8W-40-2          | SPEEDOMETER SERVICE                                          | 21-96                   |
| SENSOR—PCM INPUT, VEHICLE SPEED AND DISTANCE       | 14-24          | SIGNAL INDICATOR LAMPS, TURN; INSTRUMENT PANEL SYSTEMS                     | 8E-17,8E-8       | SPLASH SHIELD, WHEELHOUSE                                    | 23-40                   |
| SENSORS AND TONE WHEEL, WHEEL SPEED                | 5-32           | SIGNAL INDICATOR LAMPS, TURN; TURN SIGNAL AND HAZARD WARNING SYSTEMS       | 8J-2             | SPLICE LOCATIONS; 8W-01 GENERAL INFORMATION                  | 8W-01-1                 |
| SENSORS, CAMSHAFT AND CRANKSHAFT POSITION          | 14-32          | SIGNAL LAMP BULB, FRONT PARK/TURN                                          | 8L-8             | SPLICE LOCATIONS; 8W-95 SPLICE LOCATIONS                     | 8W-95-1                 |
| SENSORS, HEATED OXYGEN                             | 8W-30-2        | SIGNAL LAMP, FRONT PARK/TURN                                               | 8L-11            | SPOOL VALVE                                                  | 19-13                   |
| SENSORS, OXYGEN (O2S)                              | 14-32          | SIGNAL LAMPS, TURN                                                         | 8J-2             | SPORT BAR                                                    | 23-38                   |
| SENSORS, WHEEL SPEED                               | 8W-35-1        | SIGNAL SYSTEM, TURN                                                        | 8J-1             | SPREADING, CHECKING FOR TERMINAL                             | 8W-01-6                 |
| SERPENTINE DRIVE BELT                              | 7-31           | SIGNAL/BACK-UP LAMP BULB, TAIL/TURN                                        | 8L-8             | SPRING, COIL                                                 | 2-13,2-7                |
| SERVO, FRONT                                       | 21-142         | SIGNAL/BACK-UP LAMP, TAIL/STOP/TURN                                        | 8L-11            | SPRING, VALVE STEM SEAL                                      | 9-67                    |
| SERVO PISTON, FRONT                                | 21-125         | SIGNALS, TURN                                                              | 8W-52-1          | SPRINGS AND OIL SEALS, VALVE                                 | 9-31                    |
| SERVO PISTON, REAR                                 | 21-126         | SINGLE AND DOUBLE CARDAN JOINT                                             | 3-12             | SPRINGS, VALVES AND VALVE                                    | 9-34,9-70               |
| SERVO, REAR                                        | 21-143         | SINGLE CARDAN                                                              | 3-8              | SPROCKETS, TIMING CHAIN                                      | 9-37,9-72               |
| SHAFT AND BALL NUT, WORM                           | 19-24          | SIZE AND RATINGS, BATTERY                                                  | 8A-2             | SQUIB (AIRBAG IGNITER), AIRBAG                               | 8W-43-1                 |
| SHAFT AND CLUSTER GEAR, OUTPUT                     | 21-59          | SKID PLATE, FUEL TANK                                                      | 13-7             | STABILIZER BAR                                               | 2-14,2-9                |
| SHAFT AND COVER, PITMAN                            | 19-23          | SKID PLATE, TRANSFER CASE                                                  | 13-6             | STALL TEST ANALYSIS                                          | 21-81                   |
| SHAFT ANGLE MEASUREMENT, PROPELLER                 | 3-5            | SLIP DIFFERENTIAL, LIMITED                                                 | 3-50,3-85        | STALL TEST, CONVERTER                                        | 21-81                   |
| SHAFT, AXLE                                        | 3-56,3-91      | SNAP, DRIVELINE                                                            | 3-17,3-49,3-84   | STANDARD DIFFERENTIAL                                        | 3-101,3-33,3-65         |
| SHAFT, FRONT PROPELLER                             | 3-6            | SOFT TOP                                                                   | 23-29            | STANDARD SERVICE INFORMATION                                 | 9-1                     |
| SHAFT, HUB BEARING AND AXLE                        | 3-21           | SOFT TOP FABRIC                                                            | 23-30            | STANDARD WIPERS                                              | 8W-53-1                 |
| SHAFT OIL SEAL REPLACEMENT, INNER AXLE             | 3-27           | SOLENOID, DUTY CYCLE EVAP CANISTER PURGE; EMISSION CONTROL SYSTEMS         | 25-11            | START TEST, FAILURE TO                                       | 8D-7                    |
| SHAFT, OUTPUT                                      | 21-62          | SOLENOID, DUTY CYCLE EVAP CANISTER PURGE; FUEL SYSTEM                      | 14-36            | STARTER                                                      | 8B-2,8B-9               |
| SHAFT, PITMAN                                      | 19-11          | SOLENOID, DUTY CYCLE EVAP/PURGE                                            | 8W-30-5          | STARTER NOISE - 2.5L ENGINE                                  | 8B-8                    |
| SHAFT, PLANETARY GEARTRAIN/OUTPUT                  | 21-133         | SOLENOID, EVAP CANISTER PURGE                                              | 25-14            | STARTER RELAY                                                | 8B-10,8B-2              |
| SHAFT, PROPELLER                                   | 3-14           | SOLENOID, TORQUE CONVERTER CLUTCH (TCC); 8W-30 FUEL/IGNITION SYSTEMS       | 8W-30-5          | STARTING, HOISTING AND TOWING, JUMP                          | 0-8                     |
| SHAFT, RACK PISTON AND WORM                        | 19-15          | SOLENOID, TORQUE CONVERTER CLUTCH (TCC); 8W-31 TRANSMISSION CONTROL SYSTEM | 8W-31-1          | STARTING PROCEDURE, JUMP                                     | 0-8                     |
| SHAFT, REAR PROPELLER                              | 3-8            | SOLENOID VALVE-PCM OUTPUT, DUTY CYCLE EVAP PURGE                           | 14-26            | STARTING SYSTEM                                              | 8B-10,8B-2,8B-3         |
| SHAFT SEAL AND BEARING, AXLE                       | 3-57           | SOUND BAR                                                                  | 8F-8             | STARTING SYSTEM DIAGNOSIS                                    | 8B-4                    |
| SHAFT SEAL, PITMAN                                 | 19-23          | SOUND BAR LAMP, COURTESY LAMPS, DOME/CARGO LAMP                            | 8W-44-1          | STARTING SYSTEM—AUTOMATIC TRANSMISSIONS                      | 8W-21-1                 |
| SHAFT SEALS AND BEARING, PITMAN                    | 19-17          | SOURCE (+)—PCM OUTPUT, GENERATOR FIELD                                     | 14-26            | STARTING SYSTEM—MANUAL TRANSMISSION                          | 8W-21-1                 |
| SHAFT SEALS—IN VEHICLE, PITMAN                     | 19-10          | SPARE TIRE CARRIER                                                         | 23-42            | STATE DISPLAY TEST MODE                                      | 25-2                    |
| SHAFT SUPPORT, OIL PUMP AND REACTION               | 21-126,21-143  | SPARE TIRE (TEMPORARY)                                                     | 22-2             | STATIONARY GLASS                                             | 23-5                    |
| SHAFT—CARDAN U-JOINT, AXLE                         | 3-32           | SPARK AT COIL, TESTING                                                     | 8D-5             | STEERING AND VEHICLE LEAD, LOOSE                             | 19-3                    |
| SHAFTS AND U-JOINTS, PROPELLER                     | 3-14           | SPARK PLUG CABLE RESISTANCE                                                | 8D-23            | STEERING COLUMN                                              | 19-29                   |
| SHAFTS, PROPELLER                                  | 3-1            | SPARK PLUG CABLES                                                          | 8D-10,8D-13,8D-3 | STEERING COLUMN COVER                                        | 8E-18                   |
| SHIELD, WHEELHOUSE SPLASH                          | 23-40          | SPARK PLUG CONDITIONS                                                      | 8D-11            | STEERING DAMPENER                                            | 19-32                   |
| SHIELDS, EXHAUST HEAT                              | 11-1           | SPARK PLUGS                                                                | 8D-13,8D-23,8D-2 | STEERING GEAR                                                | 19-18                   |
| SHIFT BOOT                                         | 23-35          | SPEAKERS; 8W-47 AUDIO SYSTEM                                               | 8W-47-1          | STEERING GEAR LEAKAGE DIAGNOSIS, POWER                       | 19-10                   |
| SHIFT CABLE ADJUSTMENT                             | 21-145         | SPEAKERS; AUDIO SYSTEMS                                                    | 8F-1,8F-4,8F-7   | STEERING GEAR, MANUAL                                        | 19-21,19-23,19-27,19-28 |
| SHIFT INTERLOCK                                    | 8W-31-1        | SPECIAL TOOLS—HEADLAMP ALIGNMENT                                           | 8L-7             | STEERING GEAR, POWER                                         | 19-10,19-19,19-20,19-9  |
| SHIFT INTERLOCK, BRAKE TRANSMISSION                | 21-96          | SPECIFICATIONS, 2.5L ENGINE                                                | 9-50             | STEERING KNUCKLE                                             | 2-7                     |
| SHIFT INTERLOCK MECHANISM, BRAKE TRANSMISSION      | 21-75          | SPECIFICATIONS, 4.0L ENGINE                                                | 9-85             | STEERING KNUCKLE AND BALL STUDS                              | 3-21                    |
| SHIFT LEVER                                        | 21-169         | SPECIFICATIONS, ALIGNMENT                                                  | 2-5              | STEERING LINKAGE                                             | 19-31,19-33             |
| SHIFT LINKAGE ADJUSTMENT                           | 21-187         | SPECIFICATIONS, LUBRICANT                                                  | 3-47,3-81        | STEERING NOISE                                               | 19-2                    |
| SHIFT MECHANISM                                    | 21-9           | SPECIFICATIONS, LUBRICATION                                                | 3-15             | STEERING, POWER                                              | 19-1                    |
| SHIFT PATTERN                                      | 21-1           | SPECIFICATIONS, RUNOUT                                                     | 3-5              | STEERING PRESSURE SWITCH, POWER; 8W-30 FUEL/IGNITION SYSTEMS | 8W-30-5                 |
| SHIFT PATTERN, TRANSMISSION                        | 21-35          | SPECIFICATIONS, TORQUE; BODY                                               | 23-46            | STEERING PRESSURE SWITCH, POWER; FUEL SYSTEM                 | 14-33                   |
| SHIFT RAIL AND FORK                                | 21-53          | SPECIFICATIONS, TORQUE; EXHAUST SYSTEM AND INTAKE MANIFOLD                 | 11-8             | STEERING PRESSURE SWITCH—2.5L ENGINE, POWER                  | 14-37                   |
| SHIFTER/IGNITION INTERLOCK                         | 8D-22          | SPECIFICATIONS, TORQUE; FRAME AND BUMPERS                                  | 13-14            | STEERING PRESSURE SWITCH—PCM INPUT, POWER                    | 14-25                   |
| SHIFTING, HARD                                     | 21-36,21-3     | SPECIFICATIONS, TORQUE; INTRODUCTION                                       | Intro-9          | STEERING PUMP, POWER                                         | 19-4,19-6,19-8          |
| SHOCK ABSORBER                                     | 2-12,2-7       | SPECIFICATIONS, VECI LABEL; FUEL SYSTEM                                    | 14-16,14-39      | STEERING PUMP PRESSURE TEST, POWER                           | 19-4                    |
| SHOCK DIAGNOSIS                                    | 2-12,2-6       | SPECIFICATIONS, VECI LABEL; IGNITION SYSTEM                                | 8D-22            | STEERING PUMP—INITIAL OPERATION, POWER                       | 19-5                    |
| SHOES, DISC BRAKE                                  | 5-17           | SPEED AND DISTANCE SENSOR—PCM INPUT, VEHICLE                               | 14-24            | STEERING SYSTEM                                              | 19-1                    |
| SHOES, DRUM BRAKE                                  | 5-19           | SPEED BLOWER MOTOR RELAY, HIGH                                             | 24-17,24-29,24-6 | STEERING SYSTEM DIAGNOSIS CHARTS, POWER                      | 19-2                    |
| SHOULDER/LAP BELT AND BUCKLE, FRONT                | 23-31          | SPEED KNOCK, LOW                                                           | 3-17,3-49,3-84   | STEERING SYSTEM, MANUAL                                      | 19-22                   |
| SHOULDER/LAP BELT AND BUCKLE, REAR                 | 23-32          | SPEED SENSOR, REAR WHEEL                                                   | 5-35             | STEM SEAL AND SPRING, VALVE                                  | 9-67                    |
| SHUT DOWN (ASD) RELAY, AUTOMATIC                   | 8W-30-2        | SPEED SENSOR, VEHICLE; 8W-30 FUEL/IGNITION SYSTEMS                         | 8W-30-2          | STEP, SIDE                                                   | 23-20                   |
| SHUTDOWN (ASD) RELAY, AUTOMATIC; FUEL SYSTEM       | 14-34          |                                                                            |                  | STICKING, BINDING                                            | 19-2                    |
| SHUTDOWN (ASD) RELAY, AUTOMATIC; IGNITION SYSTEM   | 8D-15,8D-3     |                                                                            |                  | STOP LAMP (CHMSL) BULB, CENTER HIGH MOUNTED                  | 8L-9                    |
| SHUTDOWN (ASD) RELAY SENSE—PCM INPUT, AUTOMATIC    | 14-21          |                                                                            |                  | STOP LAMP (CHMSL), CENTER HIGH MOUNTED                       | 8L-11                   |
| SHUTDOWN (ASD) RELAY TEST, AUTOMATIC               | 8D-5           |                                                                            |                  | STOP LAMP SWITCH                                             | 5-14,5-26,5-2,5-8       |
| SHUTDOWN (ASD) RELAY—PCM OUTPUT, AUTO              | 14-26          |                                                                            |                  | STOP LAMP SWITCH INPUT; 8W-30 FUEL/IGNITION SYSTEMS          | 8W-30-5                 |
| SIDE BEARINGS, DIFFERENTIAL                        | 3-27,3-59,3-95 |                                                                            |                  |                                                              |                         |
| SIDE MARKER LAMP                                   | 8L-11          |                                                                            |                  |                                                              |                         |

| Description                       | Group-Page        | Description                       | Group-Page               | Description                       | Group-Page              |
|-----------------------------------|-------------------|-----------------------------------|--------------------------|-----------------------------------|-------------------------|
| STOP LAMP SWITCH INPUT; 8W-35     |                   | SYMBOLS, INTERNATIONAL VEHICLE    |                          | TACHOMETER; INSTRUMENT PANEL      |                         |
| ALL-WHEEL ANTI-LOCK BRAKES        | 8W-35-2           | CONTROL AND DISPLAY               | Intro.-4                 | SYSTEMS                           | 8E-11,8E-5              |
| STOP LAMPS AND CHMSL LAMPS        | 8W-51-1           | SYNCHRO ASSEMBLY, FIFTH GEAR      | 21-46                    | TACHOMETER—PCM OUTPUT             | 14-27                   |
| STRENGTH, FASTENER                | Intro.-6          | SYSTEM, AIRBAG                    | 8M-3,8M-4                | TAIL LAMPS AND REAR LICENSE PLATE |                         |
| STRIKER, FULL DOOR LATCH          | 23-22             | SYSTEM, ANTILOCK BRAKE            | 5-30                     | LAMPS                             | 8W-51-1                 |
| STRIKER, GLOVE BOX LATCH          | 8E-23             | SYSTEM, AUDIO                     | 8F-2                     | TAILGATE                          | 23-42                   |
| STRIKER, HALF DOOR LATCH          | 23-27             | SYSTEM, BASE BRAKE                | 5-1,5-6                  | TAILGATE ADJUSTMENT               | 23-45                   |
| STRIKER, TAILGATE LATCH           | 23-44             | SYSTEM, BLEEDING ABS BRAKE        | 5-33                     | TAILGATE HINGE                    | 23-43                   |
| STUDS, STEERING KNUCKLE AND BALL  | 3-21              | SYSTEM, BRAKE                     | 5-2                      | TAILGATE LATCH                    | 23-44                   |
| STUDS, WHEEL MOUNTING             | 2-10              | SYSTEM CAPACITIES, COOLING        | 7-33                     | TAILGATE LATCH STRIKER            | 23-44                   |
| SUNVISOR                          | 23-40             | SYSTEM CHARGE, REFRIGERANT        | 24-19                    | TAILGATE LOCK CYLINDER            | 23-43                   |
| SUPPLY—PRIMARY, FIVE VOLT SENSOR  | 14-22             | SYSTEM, CHARGING; 8W-20 CHARGING  |                          | TAILGATE OUTSIDE HANDLE           | 23-43                   |
| SUPPLY—SECONDARY, FIVE VOLT       |                   | SYSTEM                            | 8W-20-1                  | TAILGATE WEATHERSTRIP AND         |                         |
| SENSOR                            | 14-22             | SYSTEM, CHARGING; CHARGING        |                          | CHANNEL                           | 23-44                   |
| SUPPORT BRACKET, REARVIEW MIRROR  | 23-38             | SYSTEM                            | 8C-2                     | TAILPIPE ASSEMBLY, MUFFLER        | 11-4                    |
| SUPPORT CYLINDER, LIFTGATE GLASS  | 23-40             | SYSTEM COMPONENTS, COOLING        | 7-2                      | TAIL/STOP/TURN SIGNAL/BACK-UP     |                         |
| SUPPORT, OIL PUMP AND REACTION    |                   | SYSTEM, COOLANT RESERVE/          |                          | LAMP                              | 8L-11                   |
| SHAFT                             | 21-126,21-143     | OVERFLOW                          | 7-4                      | TAIL/TURN SIGNAL/BACK-UP LAMP     |                         |
| SUPPORT, OVERRUNNING CLUTCH/LOW-  |                   | SYSTEM COOLANT ROUTING            | 7-2                      | BULB                              | 8L-8                    |
| REVERSE DRUM/REAR                 | 21-142            | SYSTEM, COOLING                   | 7-32,7-1                 | TAKE OUTS                         | 8W-01-3                 |
| SUPPRESSION, RADIO NOISE          | 8F-2              | SYSTEM, CRANKCASE VENTILATION     | 25-12                    | TANK CAPACITY, FUEL               | 14-16                   |
| SURFACE TOUCHUP, PAINTED          | 23-2              | SYSTEM, DEFOGGER                  | 8N-2                     | TANK FILLER TUBE CAP, FUEL;       |                         |
| SUSPENSION ARM, LOWER             | 2-13,2-7          | SYSTEM DESCRIPTION                | 25-1                     | EMISSION CONTROL SYSTEMS          | 25-12,25-14             |
| SUSPENSION ARM, UPPER             | 2-13,2-8          | SYSTEM DIAGNOSIS                  | 14-20                    | TANK FILLER TUBE CAP, FUEL; FUEL  |                         |
| SUSPENSION, FRONT                 | 2-11,2-6          | SYSTEM DIAGNOSIS CHARTS, POWER    |                          | SYSTEM                            | 14-5                    |
| SUSPENSION, REAR                  | 2-12              | STEERING                          | 19-2                     | TANK, FUEL                        | 14-13,14-4              |
| SWITCH, ACCELERATION              | 5-33,5-36         | SYSTEM DIAGNOSIS CONT.            |                          | TANK SKID PLATE, FUEL             | 13-7                    |
| SWITCH AND KEY CYLINDER, IGNITION | 8D-20             | COOLING                           | 7-14,7-15,7-16,7-17,7-18 | TAPPETS, HYDRAULIC                | 9-35,9-48,9-70,9-84,9-8 |
| SWITCH AND KEY LOCK CYLINDER,     |                   | SYSTEM DIAGNOSIS, COOLING         | 7-13                     | TC-SERIES PUMP PULLEY             | 19-7                    |
| IGNITION                          | 8D-5              | SYSTEM DIAGNOSIS, EXHAUST         | 11-3                     | TC-SERIES PUMP RESERVOIR          | 19-7                    |
| SWITCH AND PLUG LOCATIONS,        |                   | SYSTEM DIAGNOSIS, STARTING        | 8B-4                     | TEMPERATURE CONTROL CABLE         | 24-28                   |
| TRANSMISSION                      | 21-35             | SYSTEM DIAGNOSTIC TROUBLE CODE    |                          | TEMPERATURE GAUGE, COOLANT        | 8E-3,8E-9               |
| SWITCH BEZEL, ACCESSORY           | 8E-21             | DESCRIPTIONS, CHARGING            | 8C-6                     | TEMPERATURE GAUGE, ENGINE         |                         |
| SWITCH, BLOWER MOTOR              | 24-15,24-28,24-5  | SYSTEM, DRAINING COOLING          | 7-23                     | COOLANT                           | 8W-40-2                 |
| SWITCH BY-PASS, CLUTCH INTERLOCK  |                   | SYSTEM EVACUATE, REFRIGERANT      | 24-19                    | TEMPERATURE SENSOR, BATTERY;      |                         |
| SAFETY                            | 6-1               | SYSTEM, EVAPORATION (EVAP)        |                          | 8W-30 FUEL/IGNITION SYSTEMS       | 8W-30-3                 |
| SWITCH, DEFOGGER                  | 8N-2,8N-3,8N-5    | CONTROL                           | 25-11                    | TEMPERATURE SENSOR, BATTERY;      |                         |
| SWITCH, DRIVER AIRBAG TRIM COVER  |                   | SYSTEM, EXHAUST                   | 11-1                     | CHARGING SYSTEM                   | 8C-2,8C-5,8C-8          |
| AND HORN                          | 8M-6              | SYSTEM FOR LEAKS, TESTING COOLING | 7-19                     | TEMPERATURE SENSOR, ENGINE        |                         |
| SWITCH, DRIVER DOOR AJAR          | 8U-1              | SYSTEM, FUEL                      | 14-40                    | COOLANT; 8W-30 FUEL/IGNITION      |                         |
| SWITCH, DRIVER DOOR JAMB          | 8U-2              | SYSTEM, FUEL DELIVERY             | 14-3                     | SYSTEMS                           | 8W-30-3                 |
| SWITCH, DRIVER SEAT BELT          | 8U-2              | SYSTEM, FUEL INJECTION            | 14-17                    | TEMPERATURE SENSOR, ENGINE        |                         |
| SWITCH, FOUR-WHEEL DRIVE (4WD);   |                   | SYSTEM, HAZARD WARNING            | 8J-1                     | COOLANT; FUEL SYSTEM              | 14-32,14-38             |
| 8W-31 TRANSMISSION CONTROL        |                   | SYSTEM Hoses, COOLING             | 7-33,7-6                 | TEMPERATURE SENSOR, ENGINE        |                         |
| SYSTEM                            | 8W-31-1           | SYSTEM, HYDRAULIC CONTROL         | 21-74                    | COOLANT; IGNITION SYSTEM          | 8D-10,8D-16,8D-5        |
| SWITCH, FOUR-WHEEL DRIVE (4WD);   |                   | SYSTEM, IGNITION                  | 8D-1                     | TEMPERATURE SENSOR, INTAKE AIR    | 8W-30-4                 |
| 8W-40 INSTRUMENT CLUSTER          | 8W-40-2           | SYSTEM LAMP, ANTI-LOCK BRAKE      | 8E-12,8E-5               | TEMPERATURE SENSOR, INTAKE        |                         |
| SWITCH, HEADLAMP; CHIME/BUZZER    |                   | SYSTEM LEAKS, REFRIGERANT         | 24-18                    | MANIFOLD AIR; FUEL SYSTEM         | 14-33,14-38             |
| WARNING SYSTEMS                   | 8U-2,8U-3         | SYSTEM, LUBRICATION               | 9-17,9-54                | TEMPERATURE SENSOR, INTAKE        |                         |
| SWITCH, HEADLAMP; INSTRUMENT      |                   | SYSTEM, MANUAL STEERING           | 19-22                    | MANIFOLD AIR; IGNITION            |                         |
| PANEL SYSTEMS                     | 8E-19             | SYSTEM, METRIC                    | Intro.-7                 | SYSTEM                            | 8D-10,8D-17,8D-5        |
| SWITCH, HIGH PRESSURE CUT-OFF     | 24-17,            | SYSTEM, ON-BOARD DIAGNOSTIC TEST  |                          | TEMPERATURE SENSOR—PCM INPUT,     |                         |
|                                   | 24-24,24-6        | FOR CHARGING                      | 8C-5                     | BATTERY                           | 14-22                   |
| SWITCH, HORN                      | 8G-1,8G-2,8G-3    | SYSTEM OPERATION, CHARGING        | 8C-1                     | TEMPERATURE SENSOR—PCM INPUT,     |                         |
| SWITCH, IGNITION                  | 8W-30-1           | SYSTEM PRESSURE, FUEL             | 14-16                    | ENGINE COOLANT                    | 14-22                   |
| SWITCH INPUT, STOP LAMP; 8W-30    |                   | SYSTEM PRESSURE RELEASE           |                          | TEMPERATURE SENSOR—PCM INPUT,     |                         |
| FUEL/IGNITION SYSTEMS             | 8W-30-5           | PROCEDURE—WITHOUT TEST PORT,      |                          | INTAKE MANIFOLD AIR               | 14-24                   |
| SWITCH INPUT, STOP LAMP; 8W-35    |                   | FUEL                              | 14-7                     | TENSION, BELT                     | 7-34                    |
| ALL-WHEEL ANTI-LOCK BRAKES        | 8W-35-2           | SYSTEM PRESSURE RELEASE           |                          | TENSIONER, PARKING BRAKE CABLE    | 5-27                    |
| SWITCH, KEY-IN IGNITION           | 8U-2              | PROCEDURE—WITH TEST PORT, FUEL    | 14-7                     | TERMINAL REPLACEMENT              | 8W-01-10                |
| SWITCH, LOW PRESSURE CYCLING      |                   | SYSTEM, REAR WIPER                | 8W-53-2                  | TERMINAL REPLACEMENT, CONNECTOR   | 8W-01-9                 |
| CLUTCH                            | 24-18,24-26,24-7  | SYSTEM, REAR WIPER AND WASHER     | 8K-2                     | TERMINAL SPREADING, CHECKING      | 8W-01-6                 |
| SWITCH, MULTI-FUNCTION            | 8J-2,8J-3,8J-4    | SYSTEM, REFILLING COOLING         | 7-23                     | TERMINAL/CONNECTOR REPAIR-MOLEX   |                         |
| SWITCH, PARK/NEUTRAL POSITION;    |                   | SYSTEM RELAYS, ABS                | 5-33                     | CONNECTORS                        | 8W-01-7                 |
| 8W-30 FUEL/IGNITION SYSTEMS       | 8W-30-4           | SYSTEM RESISTANCE TESTS, CHARGING | 8C-3                     | TERMINAL/CONNECTOR REPAIR—        |                         |
| SWITCH, PARK/NEUTRAL POSITION;    |                   | SYSTEM SERVICE EQUIPMENT,         |                          | THOMAS AND BETTS CONNECTORS       | 8W-01-8                 |
| TRANSMISSION AND TRANSFER CASE    | 21-77,            | REFRIGERANT                       | 24-7                     | TEST ANALYSIS, STALL              | 21-81                   |
|                                   | 21-97             | SYSTEM SERVICE PORTS, REFRIGERANT | 24-8                     | TEST, ANALYZING ROAD              | 21-79                   |
| SWITCH, POWER STEERING PRESSURE;  |                   | SYSTEM, STARTING                  | 8B-10,8B-2,8B-3          | TEST, AUTOMATIC SHUTDOWN (ASD)    |                         |
| 8W-30 FUEL/IGNITION SYSTEMS       | 8W-30-5           | SYSTEM, STEERING                  | 19-1                     | RELAY                             | 8D-5                    |
| SWITCH, POWER STEERING PRESSURE;  |                   | SYSTEM SWITCHES, CHIME WARNING    | 8U-4                     | TEST, CHECK COIL                  | 8D-6                    |
| FUEL SYSTEM                       | 14-33             | SYSTEM, TURN SIGNAL               | 8J-1                     | TEST, COLD CRANKING               | 8B-5                    |
| SWITCH, STOP LAMP                 | 5-14,5-26,5-2,5-8 | SYSTEM, VACUUM                    | 24-11                    | TEST, CONVERTER STALL             | 21-81                   |
| SWITCHES, CHIME WARNING SYSTEM    | 8U-4              | SYSTEM, WINDSHIELD WASHER         | 8K-1                     | TEST, CRANKSHAFT POSITION SENSOR  | 8D-8                    |
| SWITCHES, WIPER AND               |                   | SYSTEM, WINDSHIELD WIPER          | 8K-1                     | TEST, CURRENT OUTPUT              | 8C-4                    |
| WASHER                            | 8K-10,8K-3,8K-6   | SYSTEM—AUTOMATIC                  |                          | TEST, CYLINDER COMBUSTION         |                         |
| SWITCH—2.5L ENGINE, POWER         |                   | TRANSMISSIONS, STARTING           | 8W-21-1                  | PRESSURE LEAKAGE                  | 9-9                     |
| STEERING PRESSURE                 | 14-37             | SYSTEM—MANUAL TRANSMISSION,       |                          | TEST, CYLINDER COMPRESSION        |                         |
| SWITCH—PCM INPUT, BRAKE           | 14-22             | STARTING                          | 8W-21-1                  | PRESSURE                          | 9-9                     |
| SWITCH—PCM INPUT, POWER           |                   | SYSTEMS, LAMP                     | 8L-14                    | TEST, FAILURE TO START            | 8D-7                    |
| STEERING PRESSURE                 | 14-25             | SYSTEMS, MONITORED                | 25-7                     | TEST FOR CHARGING SYSTEM,         |                         |
| SWITCH—PCM INPUT, TRANSMISSION    |                   | WARNING                           | 8J-2                     | ON-BOARD DIAGNOSTIC               | 8C-5                    |
| PARK/NEUTRAL                      | 14-24             | SYSTEMS, WASHER                   | 8K-5                     | TEST, FUEL INJECTOR               | 14-7                    |
| SYMBOLS                           | 8W-01-3           | SYSTEMS, WIPER                    | 8K-4                     | TEST, HYDRAULIC PRESSURE          | 21-79                   |
| SYMBOLS, INTERNATIONAL            | 0-1               | TORQUE CHART                      | 5-37                     | TEST, HYDROMETER                  | 8A-5                    |
| SYMBOLS, INTERNATIONAL CONTROL    |                   | TACHOMETER; 8W-40 INSTRUMENT      |                          | TEST, IGNITION-OFF DRAW           | 8A-9                    |
| AND DISPLAY                       | Intro.-4          | CLUSTER                           | 8W-40-1                  | TEST INDICATOR, BUILT-IN          | 8A-5                    |
|                                   |                   |                                   |                          | TEST, LOAD                        | 8A-7                    |

| Description                                           | Group-Page      | Description                                                               | Group-Page                   | Description                                                                     | Group-Page                  |
|-------------------------------------------------------|-----------------|---------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------|-----------------------------|
| TEST, MANIFOLD ABSOLUTE PRESSURE (MAP) SENSOR         | 14-31           | TORQUE CHART; IGNITION SYSTEM                                             | 8D-23                        | TRANSMISSION—AX5, MANUAL                                                        | 21-1                        |
| TEST MODE, CIRCUIT ACTUATION                          | 25-2            | TORQUE CHART; STEERING                                                    | 19-19,19-27,19-30,19-33,19-8 | TRANSMISSIONS, STARTING SYSTEM—AUTOMATIC                                        | 8W-21-1                     |
| TEST MODE, STATE DISPLAY                              | 25-2            | TORQUE CHART; SUSPENSION                                                  | 2-11,2-15                    | TREAD WEAR INDICATORS                                                           | 22-3                        |
| TEST, OPEN-CIRCUIT VOLTAGE                            | 8A-7            | TORQUE CHART; TIRES AND WHEELS                                            | 22-10                        | TRIM COVER AND HORN SWITCH, DRIVER AIRBAG                                       | 8M-6                        |
| TEST PORT, FUEL SYSTEM PRESSURE                       |                 | TORQUE CONVERTER                                                          | 21-105                       | TRIM PANEL, FULL DOOR                                                           | 23-20                       |
| RELEASE PROCEDURE—WITHOUT                             | 14-7            | TORQUE CONVERTER CLUTCH (TCC) SOLENOID; 8W-30 FUEL/IGNITION SYSTEMS       | 8W-30-5                      | TRIM PANEL, HALF DOOR                                                           | 23-25                       |
| TEST PORT, FUEL SYSTEM PRESSURE                       |                 | TORQUE CONVERTER CLUTCH (TCC) SOLENOID; 8W-31 TRANSMISSION CONTROL SYSTEM | 8W-31-1                      | TRIP DEFINITION                                                                 | 25-8                        |
| RELEASE PROCEDURE—WITH                                | 14-7            | TORQUE CONVERTER—ELECTRONIC CLUTCH                                        | 21-74                        | TRIP ODOMETER, ODOMETER - TROUBLE CODE DESCRIPTIONS, CHARGING SYSTEM DIAGNOSTIC | 8E-11                       |
| TEST, POWER STEERING PUMP                             |                 | TORQUE REFERENCES                                                         | Intro.-7                     | TROUBLE CODES, DIAGNOSTIC                                                       | 8C-6                        |
| PRESSURE                                              | 19-4            | TORQUE SPECIFICATIONS; BODY                                               | 23-46                        | TROUBLESHOOTING TESTS                                                           | 25-2                        |
| TESTING COOLING SYSTEM FOR LEAKS                      | 7-19            | TORQUE SPECIFICATIONS; EXHAUST SYSTEM AND INTAKE MANIFOLD                 | 8W-01-6                      | TROUBLESHOOTING TOOLS                                                           | 8W-01-5                     |
| TESTING FOR SPARK AT COIL                             | 8D-5            | TORQUE SPECIFICATIONS; FRAME AND BUMPERS                                  | 8W-01-7                      | TROUBLESHOOTING WIRING PROBLEMS                                                 | 8W-01-7                     |
| TESTING RADIATOR CAPS, PRESSURE                       | 7-22            | TORQUE SPECIFICATIONS; INTRODUCTION                                       | 11-8                         | TUBE CAP, FUEL TANK FILLER; EMISSION CONTROL SYSTEMS                            | 25-12,25-14                 |
| TESTING, ROAD                                         | 21-78           | TORQUE SPECIFICATIONS; TOUCHUP, PAINTED SURFACE                           | 13-14                        | TUBE CAP, FUEL TANK FILLER; FUEL SYSTEM                                         | 14-5                        |
| TESTING TRANSMISSION CLUTCH AND BAND OPERATION, AIR   | 21-82           | TORQUE SPECIFICATIONS; TOW EYE, FRONT                                     | 23-2                         | TUBE, FIXED ORIFICE                                                             | 24-26,24-6                  |
| TEST—2.5L ENGINE, FUEL PUMP                           |                 | TOW EYE, REAR                                                             | 21-74                        | TUBES, FLUSHING COOLERS                                                         | 21-95                       |
| PRESSURE                                              | 14-5            | TOW HOOK, FRONT                                                           | 13-1                         | TUBES/LINES/HOSES AND CLAMPS, FUEL                                              | 14-8                        |
| TEST—4.0L ENGINE, FUEL PUMP                           |                 | TOW HOOKS, EMERGENCY                                                      | 13-1                         | TURN SIGNAL AND HAZARD WARNING SYSTEMS                                          | 8J-2                        |
| PRESSURE                                              | 14-6            | TOWING, JUMP STARTING, HOISTING                                           | 0-10                         | TURN SIGNAL INDICATOR LAMPS; 8W-40 INSTRUMENT CLUSTER                           | 8J-2                        |
| TESTS, CHARGING SYSTEM RESISTANCE                     | 8C-3            | TOWING, RECREATIONAL                                                      | 0-8                          | TURN SIGNAL INDICATOR LAMPS; INSTRUMENT PANEL SYSTEMS                           | 8W-40-2                     |
| TESTS, CONTROL CIRCUIT                                | 8B-7            | TOWING, VEHICLE (TPS)—PCM INPUT, THROTTLE POSITION SENSOR                 | 8E-17,8E-8                   | TURN SIGNAL INDICATOR LAMPS; TURN SIGNAL AND HAZARD WARNING SYSTEMS             | 8J-2                        |
| TESTS, FEED CIRCUIT                                   | 8B-5            | TRACK BAR                                                                 | 8J-2                         | TURN SIGNAL LAMPS                                                               | 8J-2                        |
| TESTS, TROUBLESHOOTING                                | 8W-01-6         | TRAC-LOK                                                                  | 8J-1                         | TURN SIGNAL SYSTEM                                                              | 8U-1                        |
| THERMOSTAT                                            | 7-27,7-4        | TRAC-LOK DIFFERENTIAL                                                     | 8W-52-1                      | TURN SIGNALS                                                                    | 8W-52-1                     |
| THIS GROUP, HOW TO USE                                | 8W-01-1         | TRAC-LOK NOISE DIAGNOSIS                                                  | 3-32                         | U-JOINT, AXLE SHAFT—CARDAN                                                      | 3-32                        |
| THREAD REPAIR, ALUMINUM                               | 21-95           | TRAC-LOK OPERATION                                                        | 3-34                         | U-JOINT, CARDAN                                                                 | 3-34                        |
| THREADS, REPAIR DAMAGED OR WORN                       | 9-4             | TRANSMISSION IDENTIFICATION                                               | 3-3                          | UNBALANCE                                                                       | 3-3                         |
| THROTTLE BODY                                         | 14-27,14-34     | TRANSFER CASE                                                             | 9-19,9-54                    | UNDERHOOD LAMP; 8W-44 INTERIOR LIGHTING                                         | 8W-44-1                     |
| THROTTLE CABLE                                        | 14-15           | TRANSFER CASE IDENTIFICATION                                              | 8L-12                        | UNDERHOOD LAMP; LAMPS                                                           | 8L-12                       |
| THROTTLE POSITION SENSOR; 8W-30 FUEL/IGNITION SYSTEMS | 8W-30-4         | TRANSFER CASE, NV231                                                      | 8L-9                         | UNDERHOOD LAMP BULB                                                             | 8L-9                        |
| THROTTLE POSITION SENSOR; IGNITION SYSTEM             | 8D-17,8D-5      | TRANSFER CASE SKID PLATE                                                  |                              | UNDERSIZE COMPONENT CODES, OVERSIZE                                             | 9-19,9-54                   |
| THROTTLE POSITION SENSOR (TPS)                        | 14-34,14-35     | TRANSFER CASE—NV231                                                       | 14-12,14-4,14-7              | UNIT, FUEL GAUGE SENDING                                                        | 14-12,14-4,14-7             |
| THROTTLE POSITION SENSOR (TPS)—PCM INPUT              | 14-24           | TRANSMISSION                                                              | 8W-35-1                      | UNIT, HYDRAULIC CONTROL; 8W-35 ALL-WHEEL ANTI-LOCK BRAKES                       | 8W-35-1                     |
| THROTTLE VALVE CABLE ADJUSTMENT                       | 21-146          | TRANSMISSION, 30/32RH AUTOMATIC                                           | 5-31                         | UNIT, HYDRAULIC CONTROL; BRAKES                                                 | 5-31                        |
| TIE ROD                                               | 19-31           | TRANSMISSION, 30RH AUTOMATIC                                              | 5-34                         | UNIT, HYDRAULIC CONTROLLER                                                      | 5-34                        |
| TIMING CASE COVER                                     | 9-36,9-71       | TRANSMISSION AND CONVERTER                                                | 3-5                          | UNIVERSAL JOINT ANGLE                                                           | 3-5                         |
| TIMING CASE COVER OIL SEAL                            | 9-36,9-80       | TRANSMISSION ASSEMBLY                                                     | 3-2                          | UNIVERSAL JOINTS                                                                | 3-14                        |
| TIMING CHAIN AND SPROCKETS                            | 9-37,9-72       | INFORMATION                                                               | 0-3                          | U-JOINTS, PROPELLER SHAFTS                                                      | 3-14                        |
| TIMING, IGNITION                                      | 8D-22,8D-8      | TRANSMISSION, AX15                                                        | 2-13,2-8                     | UNSCHEDED INSPECTION                                                            | 0-3                         |
| TIMING, VALVE                                         | 9-19,9-54       | TRANSMISSION, AX15 MANUAL                                                 | 21-32,8                      | UPPER SUSPENSION ARM                                                            | 2-13,2-8                    |
| TIRE AND WHEEL BALANCE                                | 22-9            | TRANSMISSION CLUTCH AND BAND OPERATION, AIR TESTING                       | 8E-17,8E-8                   | UPSHIFT INDICATOR LAMP                                                          | 8E-17,8E-8                  |
| TIRE AND WHEEL RUNOUT                                 | 22-7            | TRANSMISSION COMPONENTS, AX-5 MANUAL                                      | 8W-40-2                      | UP-SHIFT LAMP, MANUAL                                                           | 8W-40-2                     |
| TIRE CARRIER, SPARE                                   | 23-42           | TRANSMISSION COOLER LINE AND FITTINGS                                     | Intro.-7                     | USAGE, FASTENER                                                                 | Intro.-7                    |
| TIRE INFLATION PRESSURES                              | 22-2            | TRANSMISSION COOLER—AUXILIARY                                             | 6-1                          | USAGE, INSTALLATION METHODS AND PARTS                                           | 6-1                         |
| TIRE INFORMATION                                      | 22-1            | TRANSMISSION DIAGNOSIS, AUTOMATIC                                         | 8W-01-1                      | USE THIS GROUP, HOW TO                                                          | 8W-01-1                     |
| TIRE NOISE OR VIBRATION                               | 22-4            | TRANSMISSION FILL PROCEDURE                                               | 24-30                        | VACUUM ACTUATORS, MODE DOOR                                                     | 24-30                       |
| TIRE PRESSURE FOR HIGH—SPEED OPERATION                | 22-3            | TRANSMISSION GEAR RATIOS                                                  | 24-27,24-8                   | VACUUM CHECK VALVE                                                              | 24-27,24-8                  |
| TIRE (TEMPORARY), SPARE                               | 22-2            | TRANSMISSION IDENTIFICATION                                               | 24-27,24-8                   | VACUUM RESERVOIR                                                                | 24-27,24-8                  |
| TIRE WEAR PATTERNS                                    | 22-3            | TRANSMISSION LUBRICANT                                                    | 25-13                        | VACUUM SCHEMATICS                                                               | 25-13                       |
| TIRES                                                 | 22-1            | TRANSMISSION NOISE                                                        | 24-11                        | VACUUM SYSTEM                                                                   | 24-11                       |
| TIRES, CLEANING OF                                    | 22-6            | TRANSMISSION OIL COOLER                                                   | 25-10                        | VALUE, LOAD                                                                     | 25-10                       |
| TIRES, RADIAL-PLY                                     | 22-2            | TRANSMISSION OIL COOLER, AUTOMATIC                                        | Intro.-7                     | VALUES, CONVERSION FORMULAS AND EQUIVALENT                                      | Intro.-7                    |
| TIRES, REPLACEMENT                                    | 22-3            | TRANSMISSION OIL COOLER, AUXILIARY                                        | 21-100,21-107,21-140,21-148  | VALVE BODY                                                                      | 21-100,21-107,21-140,21-148 |
| TO CENTER, INSUFFICIENT ASSIST OR POOR RETURN         | 19-3            | TRANSMISSION PARK/NEUTRAL SWITCH—PCM INPUT                                | 21-146                       | VALVE CABLE ADJUSTMENT, THROTTLE                                                | 21-146                      |
| TO START TEST, FAILURE                                | 8D-7            | TRANSMISSION SHIFT INTERLOCK, BRAKE                                       | 5-15,5-33,5-36,5-4,5-9       | VALVE, COMBINATION                                                              | 5-15,5-33,5-36,5-4,5-9      |
| TO USE THIS GROUP, HOW                                | 8W-01-1         | TRANSMISSION SHIFT INTERLOCK MECHANISM, BRAKE                             | 21-75                        | VALVE, CONVERTER DRAINBACK                                                      | 21-75                       |
| TONE WHEEL, WHEEL SPEED SENSORS                       | 5-32            | TRANSMISSION SHIFT PATTERN                                                | 19-8                         | VALVE, FLOW CONTROL                                                             | 19-8                        |
| TOOL, DRB SCAN                                        | 7-8             | TRANSMISSION, STARTING SYSTEM—MANUAL                                      | 24-6                         | VALVE, HIGH PRESSURE RELIEF                                                     | 24-6                        |
| TOOLS, TROUBLESHOOTING                                | 8W-01-5         | TRANSMISSION SWITCH AND PLUG LOCATIONS                                    | 25-11,25-14                  | VALVE, ROLLOVER                                                                 | 25-11,25-14                 |
| TOOLS—HEADLAMP ALIGNMENT, SPECIAL                     | 8L-7            | TRANSMISSION TORQUE, AX-5 MANUAL                                          | 9-46,9-81                    | VALVE SERVICE                                                                   | 9-46,9-81                   |
| TOP AIR EXHAUSTER, HARD                               | 23-29           | TRANSMISSION UP-SHIFT LAMP, MANUAL                                        | 21-95                        | VALVE SERVICE, CONVERTER DRAINBACK CHECK                                        | 21-95                       |
| TOP COVER, INSTRUMENT PANEL                           | 8E-19           | TRANSMISSION—30/32RH, AUTOMATIC                                           | 19-13                        | VALVE, SPOOL                                                                    | 19-13                       |
| TOP FABRIC, SOFT                                      | 23-30           | TRANSMISSION—AX15, MANUAL                                                 | 9-31                         | VALVE SPRINGS AND OIL SEALS                                                     | 9-31                        |
| TOP, HARD                                             | 23-28           |                                                                           | 9-34,9-70                    | VALVE SPRINGS, VALVES                                                           | 9-34,9-70                   |
| TOP LATCH, HARD/SOFT                                  | 23-31           |                                                                           | 9-67                         | VALVE STEM SEAL AND SPRING                                                      | 9-67                        |
| TOP REPAIR, HARD                                      | 23-3            |                                                                           | 9-19,9-54                    | VALVE TIMING                                                                    | 9-19,9-54                   |
| TOP, SOFT                                             | 23-29           |                                                                           | 24-27,24-8                   | VALVE, VACUUM CHECK                                                             | 24-27,24-8                  |
| TORQUE; CLUTCH                                        | 6-14            |                                                                           | 14-26                        |                                                                                 |                             |
| TORQUE; COOLING SYSTEM                                | 7-34            |                                                                           |                              |                                                                                 |                             |
| TORQUE; DIFFERENTIAL AND DRIVELINE                    | 3-113,3-42,3-77 |                                                                           |                              |                                                                                 |                             |
| TORQUE; TRANSMISSION AND TRANSFER CASE                | 21-187          |                                                                           |                              |                                                                                 |                             |
| TORQUE, AX-5 MANUAL TRANSMISSION                      | 21-33           |                                                                           |                              |                                                                                 |                             |
| TORQUE CHART; BRAKES                                  | 5-29            |                                                                           |                              |                                                                                 |                             |
| TORQUE CHART; CHARGING SYSTEM                         | 8C-8            |                                                                           |                              |                                                                                 |                             |
| TORQUE CHART; EMISSION CONTROL SYSTEMS                | 25-14           |                                                                           |                              |                                                                                 |                             |
| TORQUE CHART; FUEL SYSTEM                             | 14-16,14-39     |                                                                           |                              |                                                                                 |                             |

| Description                                         | Group-Page         | Description                                                    | Group-Page       | Description                                             | Group-Page      |
|-----------------------------------------------------|--------------------|----------------------------------------------------------------|------------------|---------------------------------------------------------|-----------------|
| VALVES AND VALVE SPRINGS                            | 9-34,9-70          | WARNING LAMPS—EXCEPT ABS AND BRAKE                             | 8W-40-1          | WINDSHIELD WIPER SYSTEM                                 | 8K-1            |
| VARIANCE, PINION GEAR DEPTH                         | 3-106,3-35,3-70    | WARNING SYSTEM, HAZARD                                         | 8J-1             | WIPER AND WASHER SWITCHES                               | 8K-10,8K-3,8K-6 |
| VECI LABEL SPECIFICATIONS; FUEL SYSTEM              | 14-16,14-39        | WARNING SYSTEM SWITCHES, CHIME                                 | 8U-4             | WIPER AND WASHER SYSTEM, REAR                           | 8K-2            |
| VECI LABEL SPECIFICATIONS; IGNITION SYSTEM          | 8D-22              | WARNING SYSTEMS, TURN SIGNAL AND HAZARD                        | 8J-2             | WIPER ARMS                                              | 8K-8            |
| VEHICLE CONTROL AND DISPLAY SYMBOLS, INTERNATIONAL  | Intro.-4           | WARNINGS & CAUTIONS, SERVICE WARNINGS AND PRECAUTIONS, SERVICE | 5-2              | WIPER ARMS AND BLADES                                   | 8K-2            |
| VEHICLE DIMENSIONS; FRAME AND BUMPERS               | 13-7               | WARNINGS, NOTES, CAUTIONS                                      | 8W-01-1          | WIPER BLADES AND ELEMENTS                               | 8K-7            |
| VEHICLE DIMENSIONS; INTRODUCTION                    | Intro.-3           | WARNINGS, SAFETY PRECAUTIONS                                   | 23-1             | WIPER LINKAGE AND PIVOTS                                | 8K-2,8K-9       |
| VEHICLE EMISSION CONTROL INFORMATION (VECI) LABEL   | 25-13              | WASHER NOZZLES AND PLUMBING                                    | 8K-3             | WIPER MOTOR                                             | 8K-9            |
| VEHICLE EXTERIOR DIMENSIONS                         | Intro.-3           | WASHER PUMPS                                                   | 8K-3             | WIPER MOTORS                                            | 8K-2            |
| VEHICLE IDENTIFICATION NUMBER                       | Intro.-1           | WASHER PUMPS AND RESERVOIR                                     | 8K-12            | WIPER SYSTEM, REAR                                      | 8W-53-2         |
| VEHICLE IDENTIFICATION NUMBER DECODING CHART        | Intro.-1           | WASHER RESERVOIR                                               | 8K-3             | WIPER SYSTEM, WINDSHIELD                                | 8K-1            |
| VEHICLE INTERIOR DIMENSIONS                         | Intro.-3           | WASHER SWITCHES, WIPER                                         | 8K-10,8K-3,8K-6  | WIPER SYSTEMS                                           | 8K-4            |
| VEHICLE LEAD, LOOSE STEERING                        | 19-3               | WASHER SYSTEM, REAR WIPER                                      | 8K-2             | WIPERS, INTERMITTENT                                    | 8W-53-1         |
| VEHICLE, PITMAN SHAFT SEALS-IN                      | 19-10              | WASHER SYSTEM, WINDSHIELD                                      | 8K-1             | WIPERS, STANDARD                                        | 8W-53-1         |
| VEHICLE SAFETY CERTIFICATION LABEL                  | Intro.-2           | WASHER SYSTEMS                                                 | 8K-5             | WIRE CODE IDENTIFICATION                                | 8W-01-2         |
| VEHICLE SPEED AND DISTANCE SENSOR—PCM INPUT         | 14-24              | WATER PUMP                                                     | 7-25,7-2,7-5,7-8 | WIRING DIAGRAM INDEX; 8W-20 CHARGING SYSTEM             | 8W-20-1         |
| VEHICLE SPEED SENSOR; 8W-30 FUEL/IGNITION SYSTEMS   | 8W-30-2            | WEAR INDICATORS, TREAD                                         | 22-3             | WIRING DIAGRAM INDEX; 8W-21 STARTING SYSTEM             | 8W-21-1         |
| VEHICLE SPEED SENSOR; FUEL SYSTEM                   | 14-34,14-39        | WEAR PATTERNS, TIRE                                            | 22-3             | WIRING DIAGRAM INDEX; 8W-30 FUEL/IGNITION SYSTEMS       | 8W-30-5         |
| VEHICLE TOWING                                      | 0-9                | WEATHERSTRIP AND CHANNEL, TAILGATE                             | 23-44            | WIRING DIAGRAM INDEX; 8W-31 TRANSMISSION CONTROL SYSTEM | 8W-31-1         |
| VENTILATION SYSTEM, CRANKCASE VIBRATION             | 3-17,3-49,3-84,3-3 | WEATHERSTRIP, COWL                                             | 23-14            | WIRING DIAGRAM INDEX; 8W-35 ALL-WHEEL ANTI-LOCK BRAKES  | 8W-35-2         |
| VIBRATION DAMPER                                    | 9-35,9-70          | WEATHERSTRIP, FULL DOOR                                        | 23-24            | WIRING DIAGRAM INDEX; 8W-40 INSTRUMENT CLUSTER          | 8W-40-2         |
| VIBRATION, DRIVELINE                                | 3-4                | WEATHERSTRIP, FULL DOOR GLASS RUN CHANNEL                      | 23-24            | WIRING DIAGRAM INDEX; 8W-41 HORN/CIGAR LIGHTER          | 8W-41-1         |
| VIBRATION, TIRE NOISE OR                            | 22-4               | WEATHERSTRIP, FULL DOOR INNER BELT                             | 23-24            | WIRING DIAGRAM INDEX; 8W-42 AIR CONDITIONING/HEATER     | 8W-42-2         |
| VIEW MIRROR, REAR                                   | 23-38              | WEATHERSTRIP, HALF DOOR                                        | 23-27            | WIRING DIAGRAM INDEX; 8W-43 AIRBAG SYSTEM               | 8W-43-1         |
| VIEW MIRROR, SIDE                                   | 23-17              | WEATHERSTRIP, LIFTGATE GLASS                                   | 23-42            | WIRING DIAGRAM INDEX; 8W-44 INTERIOR LIGHTING           | 8W-44-1         |
| VISCOUS FAN DRIVE                                   | 7-20,7-31,7-6      | WEATHERSTRIP, WINDSHIELD FRAME                                 | 23-15            | WIRING DIAGRAM INDEX; 8W-47 AUDIO SYSTEM                | 8W-47-1         |
| VISUAL INSPECTION                                   | 14-28              | WHEEL                                                          | 22-7             | WIRING DIAGRAM INDEX; 8W-48 REAR WINDOW DEFOGGER        | 8W-48-1         |
| VOLT SENSOR SUPPLY—PRIMARY, FIVE                    | 14-22              | WHEEL ALIGNMENT                                                | 2-1              | WIRING DIAGRAM INDEX; 8W-50 FRONT LIGHTING              | 8W-50-2         |
| VOLT SENSOR SUPPLY—SECONDARY, FIVE                  | 14-22              | WHEEL BALANCE, TIRE                                            | 22-9             | WIRING DIAGRAM INDEX; 8W-51 REAR LIGHTING               | 8W-51-1         |
| VOLTAGE REGULATOR                                   | 8C-2               | WHEEL CYLINDER                                                 | 5-20,5-25,5-26   | WIRING DIAGRAM INDEX; 8W-52 TURN SIGNALS                | 8W-52-1         |
| VOLTAGE TEST, OPEN-CIRCUIT                          | 8A-7               | WHEEL INSPECTION                                               | 22-7             | WIRING DIAGRAM INDEX; 8W-53 WIPERS                      | 8W-53-2         |
| VOLTAGE—PCM INPUT, BATTERY                          | 14-22              | WHEEL INSTALLATION                                             | 22-8             | WIRING PROBLEMS, TROUBLESHOOTING                        | 8W-01-7         |
| VOLTMETER; 8W-40 INSTRUMENT CLUSTER                 | 8W-40-1            | WHEEL MOUNTING STUDS                                           | 2-10             | WIRING REPAIR                                           | 8W-01-7         |
| VOLTMETER; INSTRUMENT PANEL SYSTEMS                 | 8E-11,8E-5         | WHEEL RUNOUT, TIRE                                             | 22-7             | WIRING/TERMINAL                                         | 8W-01-11        |
| WARNING LAMP, ABS; 8W-35 ALL-WHEEL ANTI-LOCK BRAKES | 8W-35-2            | WHEEL SENSOR, FRONT                                            | 5-34             | WORM BEARING ADJUSTER                                   | 19-26           |
| WARNING LAMP, ABS; 8W-40 INSTRUMENT CLUSTER         | 8W-40-1            | WHEEL SPEED SENSOR, REAR                                       | 5-35             | WORM BEARING PRELOAD                                    | 19-27           |
| WARNING LAMP, ABS; BRAKES                           | 5-33               | WHEEL SPEED SENSORS                                            | 8W-35-1          | WORM SHAFT AND BALL NUT                                 | 19-24           |
| WARNING LAMP, AIRBAG                                | 8W-43-1            | WHEEL SPEED SENSORS AND TONE WHEEL                             | 5-32             | WORM SHAFT, RACK PISTON                                 | 19-15           |
| WARNING LAMP, BRAKE; 8W-40 INSTRUMENT CLUSTER       | 8W-40-1            | WHEEL, WHEEL SPEED SENSORS AND TONE                            | 5-32             | WORN THREADS, REPAIR DAMAGED OR                         | 9-4             |
| WARNING LAMP, BRAKE; INSTRUMENT PANEL SYSTEMS       | 8E-13,8E-6         | WHEELHOUSE CARPET                                              | 23-37            |                                                         |                 |
| WARNING LAMP, LOW FUEL                              | 8E-16,8E-7         | WHEELHOUSE SPLASH SHIELD                                       | 23-40            |                                                         |                 |
| WARNING LAMP, RED BRAKE                             | 5-2,5-8            | WHEELS                                                         | 22-7             |                                                         |                 |
|                                                     |                    | WINDOW DEFOGGER, REAR                                          | 8W-48-1          |                                                         |                 |
|                                                     |                    | WINDOW, HALF DOOR                                              | 23-28            |                                                         |                 |
|                                                     |                    | WINDOW REGULATOR, FULL DOOR                                    | 23-25            |                                                         |                 |
|                                                     |                    | WINDSHIELD                                                     | 23-5             |                                                         |                 |
|                                                     |                    | WINDSHIELD FRAME                                               | 23-15            |                                                         |                 |
|                                                     |                    | WINDSHIELD FRAME WEATHERSTRIP                                  | 23-15            |                                                         |                 |
|                                                     |                    | WINDSHIELD HINGE                                               | 23-15            |                                                         |                 |
|                                                     |                    | WINDSHIELD WASHER SYSTEM                                       | 8K-1             |                                                         |                 |



# 1996 SERVICE MANUAL COMMENTS

What features do you find most useful? \_\_\_\_\_

---

---

---

---

What errors have you found? Please include page number. \_\_\_\_\_

---

---

---

---

What topics are hard to locate, confusing, or not covered completely? \_\_\_\_\_

---

---

---

---

What comments or suggestions do you have? \_\_\_\_\_

---

---

---

---

Your Name: \_\_\_\_\_ Dealership: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Manual Name and Model Year: \_\_\_\_\_

Note: All comments become the property of Chrysler Corporation.

Fold Here

---

Place  
Stamp  
Here

Chrysler Corporation  
CIMS 424-81-55  
25999 Lawrence Ave.  
Center Line, MI 48015

---

Fold Here