

TABLE OF CONTENTS

SECTION

PAGE

1	INTRODUCTION	3	1
2	THINGS TO KNOW BEFORE STARTING YOUR VEHICLE	9	2
3	UNDERSTANDING THE FEATURES OF YOUR VEHICLE	73	3
4	UNDERSTANDING YOUR INSTRUMENT		

INTRODUCTION

1

CONTENTS

■ Introduction	4	■ Van Conversions/Campers	6
■ How To Use This Manual	4	■ Vehicle Identification Number	6
■ Warnings And Cautions	6	■ Vehicle Modifications / Alterations	

INTRODUCTION

This manual has been prepared with the assistance of service and engineering specialists to acquaint you with the operation and maintenance of your new vehicle. It is supplemented by a Warranty Information Booklet and various customer oriented documents. You are urged to read these publications carefully. Following the instructions and recommendations in this manual will help assure safe and enjoyable operation of your vehicle.

NOTE: After you read the manual, it should be stored in the vehicle for convenient reference and remain with the vehicle when sold, so that the new owner will be aware of all safety warnings.

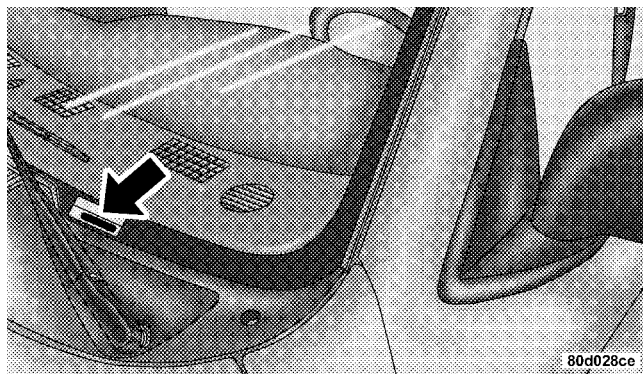
</



WARNINGS AND CAUTIONS

This manual contains **WARNINGS** against operating procedures which could result in an accident or bodily injury. It also contains **CAUTIONS** against procedures which could result in damage to your vehicle. If you do not read this entire manual you may miss important information. Observe all Warnings and Cautions.

VAN CONVERSIONS/CAMPERS



Vehicle Identification Number

THINGS TO KNOW BEFORE STARTING YOUR VEHICLE

CONTENTS

■ Power Wagon: Things To Know Before Starting Your Vehicle	12
□ Features	12
□ Instrument Panel And Controls	12

10 THINGS TO KNOW BEFORE STARTING YOUR VEHICLE

■ Security Alarm System — If Equipped	18	□ Manual Door Locks	26
□ Rearming Of The System	19	□ Power Door Locks — If Equipped	26
□ To			

□ Enhanced Driver Seat Belt Reminder System (BeltAlert)	.43
□ Seat Belts And Pregnant Women	.45
□ Seat Belt Extender	.45
□ Driver And Right Front Passenger Supplemental Restraint System (SRS)—Airbag	.4

POWER WAGON: THINGS TO KNOW BEFORE STARTING YOUR VEHICLE

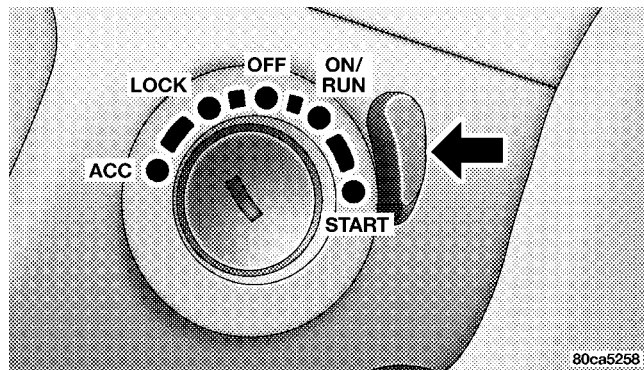
Your Power Wagon is a specialty vehicle, equipped with several features not available on other production trucks. It is very important that you read the following sections of the owner's manual before operation.

Ignition Key Removal

Automatic Transmission

WARNING!

Never leave children alone in a vehicle. Leaving children in a vehicle unattended is dangerous for a number of reasons. A child or others could be seriously or fatally injured. Don't



NOTE: If you turned the wheel to the right to engage the lock, you must turn the wheel slightly to the right to disengage it. If you turned

If the Vehicle Security Alarm Indicator Light turns on during normal vehicle operation (vehicle running for longer than 10 seconds), it indicates that there is a fault in the electronics. Should this

4. Insert a blank Sentry Key into the ignition switch and turn the ignition switch ON within 60 seconds. After

Rearming of the System:</

20 THINGS TO KNOW BEFORE STARTING YOUR VEHICLE

##

Fluid Level Check – 545RFE

Check the fluid level while the transmission is at normal operating temperature 82°C (180°F). This occurs after at least 15 miles (25 km) of driving. At normal operating temperature the fluid cannot be held comfortably between the fingertips.

To check the automatic transmission fluid level properly, the following procedure must be used:

1. Operate the engine at idle speed and normal operating temperature.
2. The vehicle must be on level ground.
3. Fully apply the parking brake and press the brake pedal.
4. Place the gear selector momentarily in each gear position ending with the lever in P (Park).
5. Remove the dipstick, wipe it clean and reinsert it until seated.
6. Remove the dipstick again and note the fluid level on both sides. The fluid level should be between the “HOT” (upper) reference holes on the dipstick at normal operating temperature. Verify that solid coating of oil is seen on both sides of the dipstick. If the fluid is low, add as required into the dipstick tube. **Do not overfill.** After adding any quantity of oil through the oil fill tube, wait a minimum of two (2) minutes for the oil to fully drain into the transmission before rechecking the fluid level.

NOTE: If it is necessary to check the transmission **below** the operating temperature, the fluid level should be between the two “COLD” (lower) holes on the dipstick with the fluid at approximately 70°F (21°C) (room temperature). If the fluid level is correctly established at room temperature, it should be between the “HOT”

(upper) reference holes when the transmission reaches 180°F (82°C). Remember it is best to check the level at the normal operating temperature.

CAUTION!

Be aware that if the fluid temperature is below 50°F (10°C) it may not register on the dipstick. Do not add fluid until the temperature is elevated enough to produce an accurate reading.

7. Check for leaks. Release parking brake.

To prevent dirt and water from entering the transmission after checking or replenishing fluid, make certain that the dipstick cap is properly reseated. It is normal for the dipstick cap to spring back slightly from its fully seated position, as long as its seal remains engaged in the dipstick tube.

Selection Of Lubricant

Refer to Fluids, Lubricants and Genuine Parts for correct fluid type. It is important that the transmission fluid be maintained at the prescribed level using the recommended fluid.

CAUTION!

Using a transmission fluid other than the manufacturers recommended fluid may cause deterioration in transmission shift quality and/or torque converter shudder. Using a transmission fluid other than the manufacturers recommended fluid will result in more frequent fluid and filter changes. Refer to Fluids, Lubricants and Genuine Parts for correct fluid type.

Automatic Transmission Fluid and Filter Change

To obtain best performance and long life for automatic transmissions, the manufacturer recommends that they be given regular maintenance service by an Authorized Dodge Dealer or Service Center.

It is important that proper lubricant is used in the transmission. Refer to Fluids, Lubricants and Genuine Parts for correct fluid type.

The fluid and filter(s) should be changed as specified in the Maintenance Schedule (Section 8).

NOTE: If the transmission is disassembled for any reason, the fluid and filter(s) should be changed.

Special Additives

The manufacturer strongly recommends against the addition of any additives to the transmission. Exception to this policy is the use of special dyes to aid in detecting

fluid leaks. The use of transmission sealers should be avoided, since they may adversely affect seals.

Front Wheel Bearings

Front wheel bearings for all Dodge Ram Trucks are sealed-for-life. They do not require greasing or seal replacement. In some instances, these bearings will “purge” excess grease and the bearing will look slightly wet. This is normal. Periodic inspection for excess play is recommended.

Rear Wheel Bearings — Manufacturer's Axles

These bearings are normally considered permanently lubricated. Cleaning and repacking is required only when axle shafts are removed or in case of extreme water or dust contamination.

Selection of Lubricating Grease

The National Lubricating Grease Institute (NLGI) has developed a symbol (Certification Mark) to aid the vehicle owner in the proper selection of grease for the lubrication of wheel bearings and chassis components. This symbol (an example is shown below) is located on the grease container and identifies the application and quality of the grease.



There are two groups identified, those for wheel bearings (Letter "G") and those for chassis (Letter "L") lubrication. Performance categories within these groups result in dual letter designations for each group. The letter designations shown in the example are the highest

quality level available and when combined as shown can be used for both wheel bearing and chassis lubrication. Use only those greases that have the NLGI symbol on the container along with the proper quality level for your application.

Noise Control System Required Maintenance & Warranty

All vehicles built over 10,000 lbs (4 535 kg) Gross Vehicle Weight Rating and manufactured for sale and use in the United States are required to comply with the Federal Government's Exterior Noise Regulations. These vehicles

can be identified by the Noise Emission Control Label located in the operator's compartment.

Vehicle Noise Emission Control Information
Date of Vehicle Manufacture

This vehicle conforms to U.S. EPA regulations for noise emission applicable to medium and heavy duty trucks.

The following acts or the causing thereof by any person are prohibited by the Noise Control Act of 1972: (A) the removal or rendering inoperative, other than for purposes of maintenance, repair, or replacement, of any noise control device or element of design (listed in the Owner's Manual) incorporated into this vehicle in compliance with the Noise Control Act (B) the use of this vehicle after such device or element of design has been removed or rendered inoperative.

802d4b72

55216044

Required Maintenance for Noise Control Systems

The following maintenance services must be performed every 6 months or 6,000 miles (9 600 km), whichever comes first, to assure proper operation of the noise control systems. In addition, inspection and service should be performed anytime a malfunction is observed or suspected. Proper maintenance of the entire vehicle will help the effectiveness of the noise control systems.

Air Cleaner Assembly

Inspect air cleaner housing for proper assembly and fit. Make certain that the air cleaner is properly positioned and the cover is tight. Check all hoses leading to the cleaner for tightness. The gasket between the air cleaner housing and throttle body must be intact and in good condition. The engine air cleaner filter must also be clean and serviced according to the instructions outlined in the appropriate maintenance schedule.

Tampering with Noise Control System Prohibited

Federal law prohibits the following acts or the causing thereof: (1) the removal or rendering inoperative by any person, other than for purposes of maintenance, repair, or replacement, of any device or element of design incorporated into any new vehicle for the purpose of noise control prior to its sale or delivery to the ultimate purchaser or while it is in use, or (2) the use of the vehicle after such device or element of design has been removed or rendered inoperative by any person.

Among those acts presumed to constitute tampering are the acts listed below.

AIR CLEANER

- Removal of the air cleaner.
- Inverting the air cleaner lid.
- Removal of the air ducting.

EXHAUST SYSTEM

- Removal or rendering inoperative exhaust system components including the muffler or tailpipe.

ENGINE COOLING SYSTEM

- Removal or rendering inoperative the fan clutch.
- Removal of the fan shroud.

Noise Emission Warranty

The manufacturer warrants that this vehicle as manufactured by the manufacturer, was designed, built and equipped to conform at the time it left the manufacturers control with all applicable U.S. EPA Noise Control Regulations.

This warranty covers this vehicle as designed, built and equipped by the manufacturer, and is not limited to any particular part, component or system of the vehicle manufactured by the manufacturer. Defects in design,

assembly or in any part, component or system of the vehicle as manufactured by the manufacturer, which, at the time it left the manufacturers control, caused noise

emissions to exceed Federal standards, are covered by this warranty for the life of the vehicle.

Noise Systems Maintenance Chart and Service Log Insert Month, Day, Year under column mileage closest to the mileage at which service was performed.

MILES	6,000	12,000	18,000	24,000	30,000	36,000	42,000	48,000
KILOMETERS	9 600	19 000	29 000	36 000	48 000	58 000	67 000	77 000
Exhaust system-inspect								
Air cleaner assembly-inspect								
ODOMETER READING								
PERFORMED BY								
PERFORMED AT								

Noise Systems Maintenance Chart and Service Log Insert Month, Day, Year under column mileage closest to the mileage at which service was performed.

MILES	54,000	60,000	66,000	72,000	78,000	84,000	90,000	96,000
KILOMETERS	87 000	96 000	106 000	116 000	126 000	135 000	145 000	154 000
Exhaust system-inspect								
Air cleaner assembly-inspect								
ODOMETER READING								
PERFORMED BY								
PERFORMED AT								

Appearance Care and Protection from Corrosion

Protection of Body and Paint from Corrosion

Vehicle body care requirements vary according to geographic locations and usage. Chemicals that make roads passable in snow and ice, and those that are sprayed on trees and road surfaces during other seasons, are highly

corrosive to the metal in your vehicle. Outside parking, which exposes your vehicle to airborne contaminants, road surfaces on which the vehicle is operated, extreme hot or cold weather and other extreme conditions will have an adverse effect on paint, metal trim, and underbody protection.

The following maintenance recommendations will enable you to obtain maximum benefit from the corrosion resistance built into your vehicle.

What Causes Corrosion?

Corrosion is the result of deterioration or removal of paint and protective coatings from your vehicle.

The most common causes are:

- Road salt, dirt and moisture accumulation.
- Stone and gravel impact.
- Insects, tree sap and tar.
- Salt in the air near seacoast localities.
- Atmospheric fallout/industrial pollutants.

Washing

- Wash your vehicle regularly. Always wash your vehicle in the shade using Mopar® Car Wash or a mild car wash soap, and rinse the panels completely with clear water.
- If insects, tar or other similar deposits have accumulated on your vehicle, use Mopar® Super Kleen Bug and Tar Remover to remove.
- Use Mopar® Cleaner Wax to remove road film, stains and to protect your paint finish. Take care never to scratch the paint.
- Avoid using abrasive compounds and power buffing that may diminish the gloss or thin out the paint finish.

CAUTION!

Do not use abrasive or strong cleaning materials such as steel wool or scouring powder, which will scratch metal and painted surfaces.

Special Care

- If you drive on salted or dusty roads or if you drive near the ocean, hose off the undercarriage at least once a month.
- It is important that the drain holes in the lower edges of the doors, rocker panels and trunk be kept clear and open.
- If you detect any stone chips or scratches in the paint, touch them up immediately. The cost of such repairs is considered the responsibility of the owner.

- If your vehicle is damaged due to an accident or similar cause which destroys the paint and protective coating, have your vehicle repaired as soon as possible. The cost of such repairs is considered the responsibility of the owner.
- If you carry special cargo such as chemicals, fertilizers, de-icer salt, etc., be sure that such materials are well packaged and sealed.
- If a lot of driving is done on gravel roads, consider mud or stone shields behind each wheel.
- Use Mopar® touch up paint on scratches as soon as possible. Your dealer has touch up paint to match the color of your vehicle.

Wheel and Wheel Trim Care

All wheels and wheel trim, especially aluminum and chrome plated wheels should be cleaned regularly with a mild soap and water to prevent corrosion. To remove

heavy soil, use Mopar® Wheel Cleaner or select a non-abrasive, non-acidic cleaner. Do not use scouring pads, steel wool, a bristle brush or metal polishes. Only Mopar® cleaners are recommended. Do not use oven cleaner. Avoid automatic car washes that use acidic solutions or harsh brushes that may damage the wheels' protective finish.

YES Essentials® Fabric Cleaning Procedure – If equipped

YES Essentials® seats may be cleaned in the following manner:

- Remove as much of the stain as possible by blotting with a clean, dry towel.
- Blot any remaining stain with a clean, damp towel.
- For tough stains, apply Mopar® Total Clean or a mild soap solution to a clean, damp cloth and remove stain. Use a fresh, damp towel to remove soap residue.

- For grease stains, apply Mopar® Multi-purpose cleaner to a clean, damp cloth and remove stain. Use a fresh, damp towel to remove soap residue.
- Do not use any solvents or protectants on Yes Essentials products.

Interior Care

Use Mopar® Total Clean to clean fabric upholstery and carpeting.

Use Mopar® Total Clean to clean vinyl upholstery.

Mopar® Total Clean is specifically recommended for leather upholstery.

Your leather upholstery can be best preserved by regular cleaning with a damp soft cloth. Small particles of dirt can act as an abrasive and damage the leather upholstery and should be removed promptly with a damp cloth. Stubborn soils can be removed easily with a soft cloth and Mopar® Total Clean. Care should be taken to avoid

soaking your leather upholstery with any liquid. Please do not use polishes, oils, cleaning fluids, solvents, detergents, or ammonia based cleaners to clean your leather upholstery. Application of a leather conditioner is not required to maintain the original condition.

WARNING!

Do not use volatile solvents for cleaning purposes. Many are potentially flammable, and if used in closed areas they may cause respiratory harm.

Glass Surfaces

All glass surfaces should be cleaned on a regular basis with Mopar® Glass Cleaner or any commercial household-type glass cleaner. Never use an abrasive type cleaner. Use caution when cleaning the inside rear window equipped with electric defrosters or the right rear quarter window equipped with the radio antenna. Do

not use scrapers or other sharp instruments which may scratch the elements. When cleaning the rear view mirror, spray cleaner on the towel or rag that you are using. Do not spray cleaner directly on the mirror.

Cleaning Plastic Instrument Cluster Lenses

The lenses in front of the instruments in this vehicle are molded in clear plastic. When cleaning the lenses, care must be taken to avoid scratching the plastic.

1. Clean with a wet soft rag. A mild soap solution may be used, but do not use high alcohol content or abrasive cleaners. If soap is used, wipe clean with a clean damp rag.
2. Dry with a soft tissue.

Seat Belt Maintenance

Do not bleach, dye or clean the belts with chemical solvents or abrasive cleaners. This will weaken the fabric. Sun damage can also weaken the fabric.

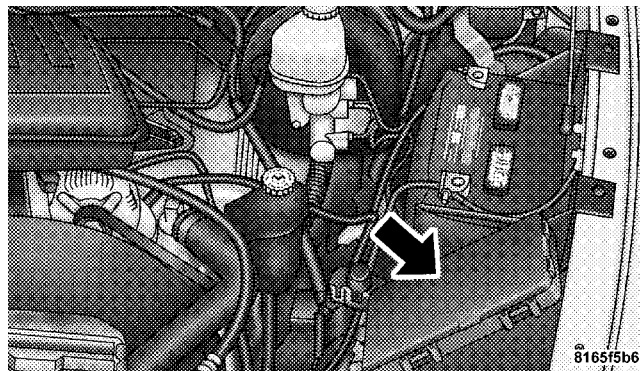
If the belts need cleaning, use a mild soap solution or lukewarm water. Do not remove the belts from the car to wash them.

Replace the belts if they appear frayed or worn or if the buckles do not work properly.

Dry with a soft tissue.

FUSES (INTEGRATED POWER MODULE)

An integrated Power Module is located in the engine compartment near the battery. This center contains cartridge fuses and mini fuses. A description of each fuse and component may be stamped on the inside cover otherwise the cavity number of each fuse is stamped on the inside cover that corresponds to the following chart.



Integrated Power Module Location

Cavity	Cartridge Fuse	Mini Fuse	Description
1		20 Amp Yellow	Power Outlet Console
2		20 Amp Yellow	Cabin Compartment Node (CCN) Door Locks/Brake Transmission Shift Interlock (BTISI)
3		20 Amp Yellow	Spare
4		15 Amp Blue	Spare
5		20 Amp Yellow	Power Sunroof
6		10 Amp Red	VIST Fan / Wastegate

Cavity	Cartridge Fuse	Mini Fuse	Description
7		15 Amp Blue	Reverse Lockout Solenoid Battery (SRT-10 Only)
8		10 Amp Red	Heated Mirrors
9	30 Amp Pink		Off Road Module Power
10		5 Amp Orange	Trx-Off Rd Pkg Sen (Gas Engine Only)

Cavity	Cartridge Fuse	Mini Fuse	Description
11		20 Amp Yellow	Ignition Off Draw (IOD)-Cabin Compartment Node (CCN)/Radio/Under Hood Lamp/Wireless Control Module (WCM)/Satellite Digital Audio Receiver (SDARS)/Hands Free Module (HFM)
12	30 Amp Pink		Electric Brake
13		25 Amp Natural	Power-Battery RWAL/ABS Module Feed
14		15 Amp Blue	Park Lamps Left

Cavity	Cartridge Fuse	Mini Fuse	Description
15		20 Amp Yellow	Trailer Park Lamps
16		15 Amp Blue	Park Lamps Right
17		15 Amp Blue	Spare
18	40 Amp Green		ABS Pump
19	30 Amp Pink		Trailer Tow
20		10 Amp Red	Occupant Restraints Controller (ORC) 2
21		10 Amp Red	Occupant Restraints Controller (ORC) Pre-set Carrier
22		2 Amp Gray	IGN Switch Feed

Cavity	Cartridge Fuse	Mini Fuse	Description
23		10 Amp Red	Engine Control Module (ECM)/Wireless Control Module (WCM)/HVC
24	20 Amp Blue		Subwoofer Amplifier (SRT-10 Only)
25		10 Amp Red	Power Mirror
26		20 Amp Yellow	Brake Switch/Center High Mount Stop Lamp (CHMSL)
27	40 Amp Green		Power Seats
28		10 Amp Red	Power Run/Start-NCC/Wireless Control Module (WCM)/ABS/RWAL

Cavity	Cartridge Fuse	Mini Fuse	Description
29		10 Amp Red	Switches/EC Mirror/Smart Bar
30		15 Amp Blue	Spare
31		10 Amp Red	PCM/Transfer Case Brake
32		10 Amp Red	HVAC/Ajustable Pedals/Heated Seats Switch LED/Exhaust Brake
33		10 Amp Red	Power-IGN Run Misc
34		10 Amp Red	Spare
35		15 Amp Blue	Cabin Compartment Node (CCN) Illumination

Cavity	Cartridge Fuse	Mini Fuse	Description
36		25 Amp Natural	Audio_Amplifier
37		15 Amp Blue	Spare
38		20 Amp Yellow	Power Outlet IP
39		10 Amp Red	Sunroof/Seatbelt Tensioner
40		20 Amp Yellow	Cigar Lighter
41		25 Amp Natural	Spare
42	30 Amp Pink		Diesel PCM (Diesel Only)

CAUTION!

- **When installing the Integrated Power Module cover, it is important to ensure the cover is properly positioned and fully latched. Failure to do so may allow water to get into the Integrated Power Module, and possibly result in a electrical system failure.**
- **When replacing a blown fuse, it is important to use only a fuse having the correct amperage rating. The use of a fuse with a rating other than indicated may result in a dangerous electrical system overload. If a properly rated fuse continues to blow, it indicates a problem in the circuit that must be corrected.**

VEHICLE STORAGE

If you are storing your vehicle for more than 21 days, we recommend that you take the following steps to minimize the drain on your vehicle's battery:

- Disconnect the Ignition-Off Draw fuse (I.O.D.) fuse located in the Integrated Power Module, located in the engine compartment. The I.O.D. cavity includes a snap-in retainer that allows the fuse to be disconnected, without removing it from the fuse block.
- The electronic shift transfer case should be placed in the 4HI mode and kept in this position to minimize the battery drain.
- As an alternative to the above steps you may, disconnect the negative cables from both batteries.
- Anytime you store your vehicle, or keep it out of service (i.e. vacation) for two weeks or more, run the air conditioning system at idle for about five minutes

in the fresh air and high blower setting. This will insure adequate system lubrication to minimize the possibility of compressor damage when the system is started again.

NOTE: When reinstalling the IOD fuse push firmly until fully seated, the gages in the Instrument Cluster will do a full sweep, when the ignition key is cycled to RUN. This is a normal condition.

REPLACEMENT LIGHT BULBS

LIGHT BULBS — Inside	Bulb No.
Overhead Console Lights	TS 212-2
Dome Light.	7679

All of the inside bulbs are brass or glass wedge base. Aluminum base bulbs are not approved.

LIGHT BULBS — Outside

Bulb No.

Back-Up	3057
Center High Mounted Stop Lamp	912
Fog Lamp	9006LL
Headlamp (Halogen)	H13
Side Marker, Park & Turn Signal	3157NAK
Rear License Plate Lamp	168
Rear Cargo Light	912
Tail & Stop	3057

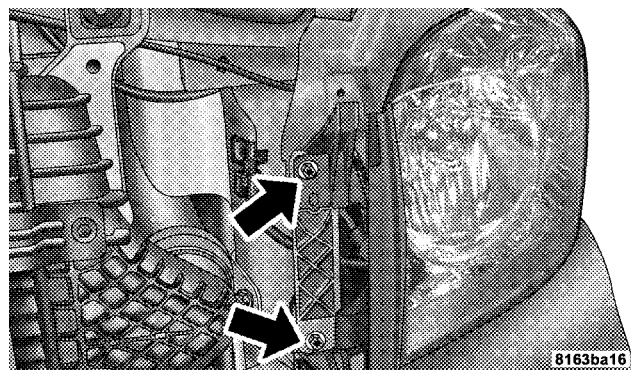
BULB REPLACEMENT

Headlight (Halogen)/Front Park and Turn Lights

CAUTION!

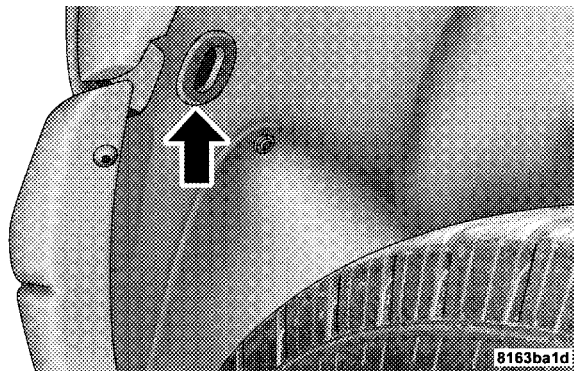
This is a halogen bulb. Avoid touching the glass with your fingers. Reduced bulb life will result.

1. Open the hood
2. Remove the two (2) bolts from the front of the headlight housing.

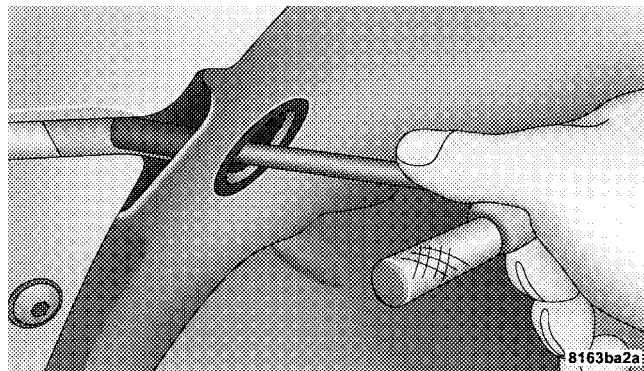


Front Headlight Housing Bolts

3. Remove the plug from the inner fender well and remove the nut through the access hole.



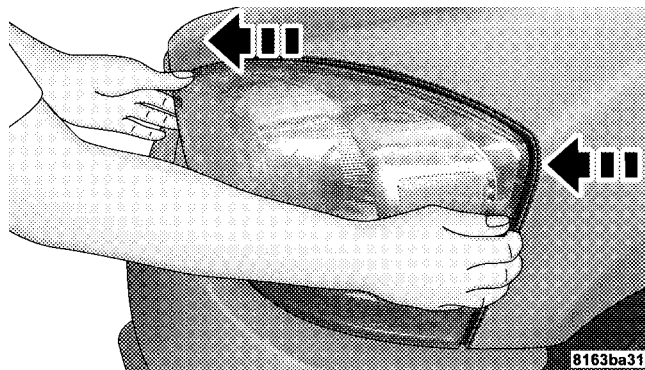
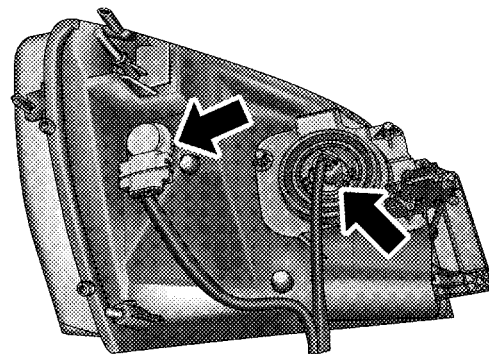
Inner Fender Plug



Rear Headlight Housing Nut Access

4. Pull the housing out from the fender to allow room to disconnect the electrical connectors.

NOTE: For easier removal, pull the headlight assembly straight forward, applying the greatest amount of force to the outer edge of the headlight assembly.

**Headlight Removal****Bulb Removal**

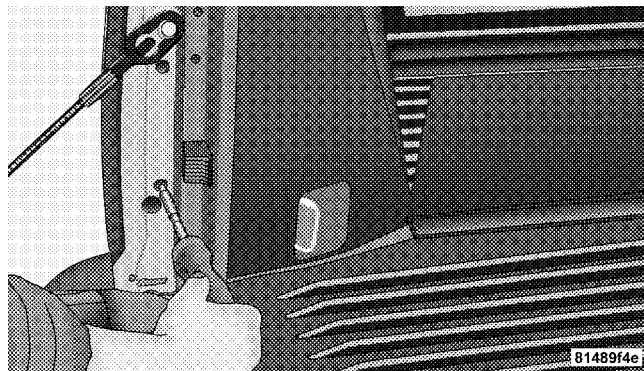
5. Unlock and pull connector straight from the base of the headlight halogen bulb.

6. Twist connector on the side marker/turn signal/park light bulb $\frac{1}{4}$ turn and remove connector and bulb from housing.

7. Remove housing from vehicle with headlight halogen bulb in housing.
8. Twist the headlight halogen bulb $\frac{1}{4}$ turn and remove headlight bulb from the housing.
9. Replace headlight or side marker/turn signal/park light bulb. Do not touch the headlight halogen bulb.
10. Reverse procedure for installation of bulbs and housing.

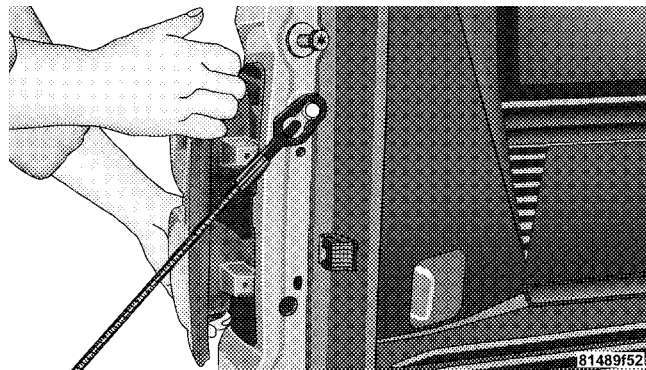
Tail, Stop, Turn and Backup Lights

1. Remove the two (2) screws that pass through the bed sheetmetal.



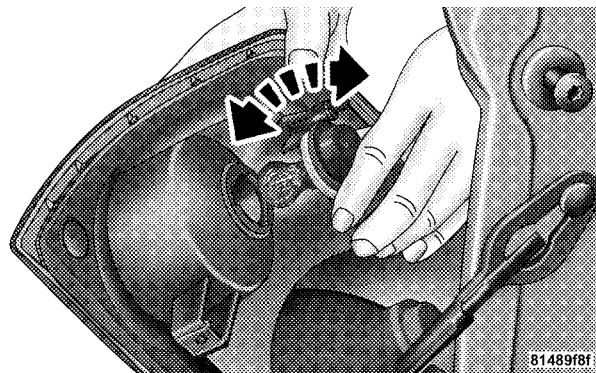
Removing the Two (2) Screws

2. Pull the housing straight out from the body, with a quick motion, to separate the housing from the body. If not pulled straight, locators may be damaged.



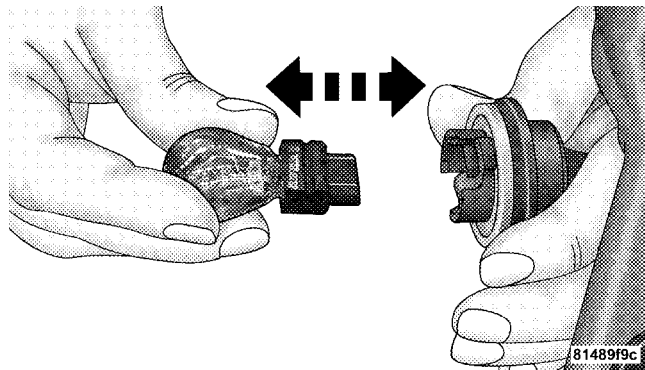
Pulling Housing From Body

3. Rotate the bulb socket counterclockwise to remove from the housing.



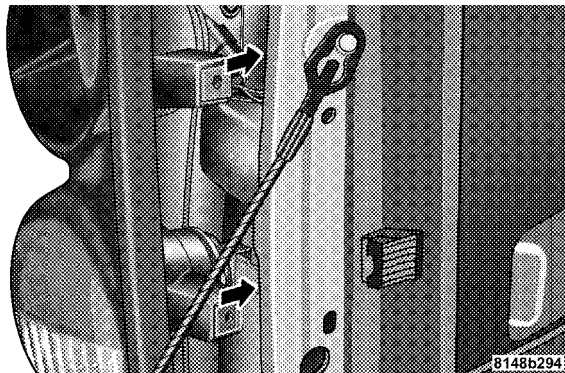
Rotating Bulb Socket From Housing

4. Pull bulb straight out of socket.



Pulling Bulb From Socket

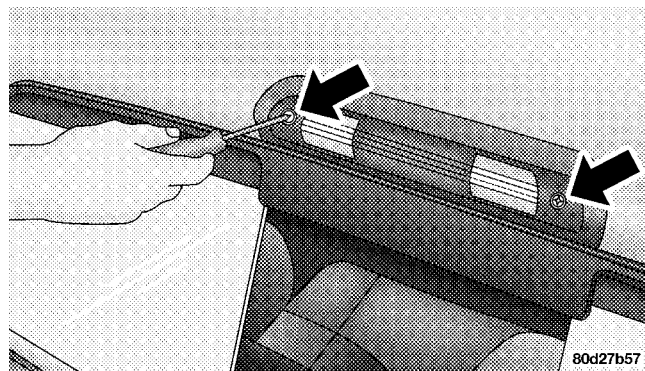
5. Reverse Procedure to install bulb and housing. Place the two raised blocks passed the body.



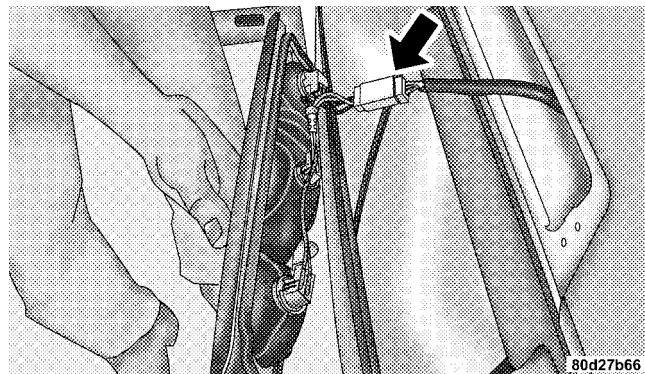
Sliding Raised Blocks Past Body

Center High-Mounted Stoplight With Cargo Light

1. Remove the two (2) screws holding the housing/lens to the body as shown.

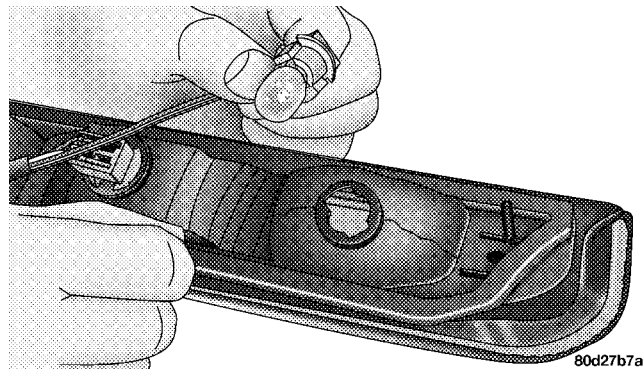


2. Separate the connector holding the housing and wiring harness to the body.



3. Turn desired bulb socket $\frac{1}{4}$ turn and remove socket and bulb from housing.

4. Pull desired bulb straight from the socket.

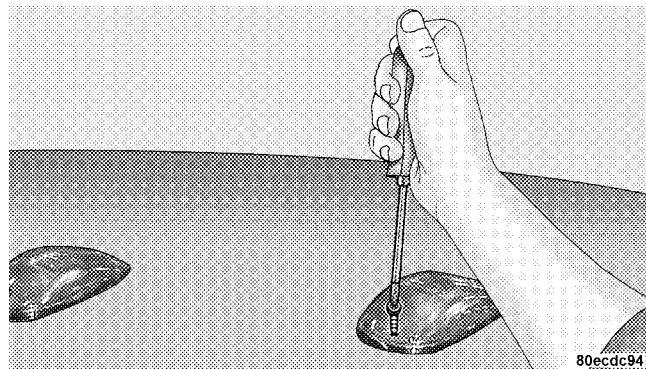


- Outside Bulbs: Cargo Lamps
- Inside Bulb: Center High Mount Stop Lamp

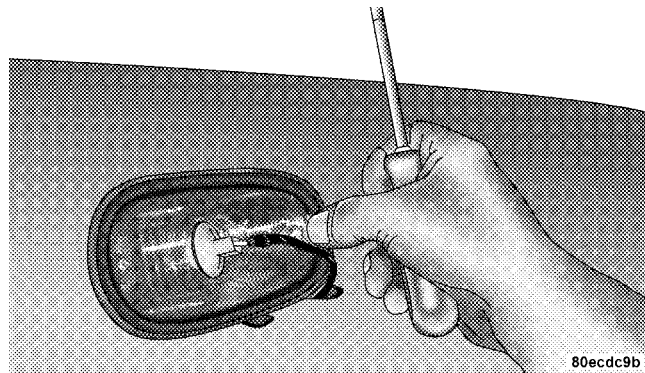
5. Reverse procedure for installation of bulbs and housing.

Cab Top Clearance Lights — If Equipped

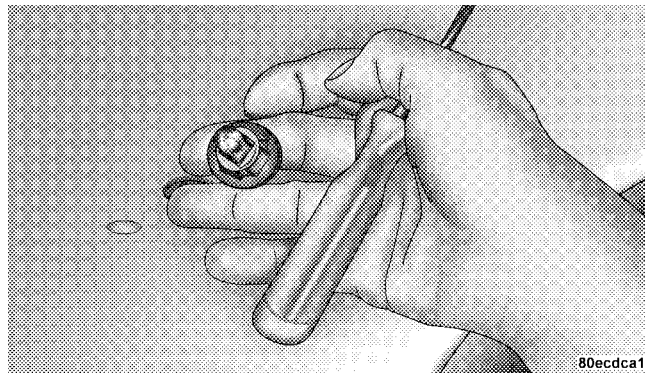
1. Remove the two screws from the top of the light.



2. Rotate the socket $\frac{1}{4}$ turn and pull it from the light assembly.

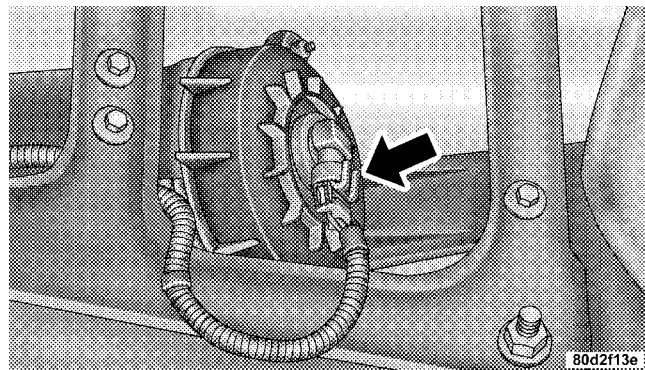


3. Pull the bulb straight from its socket and replace.

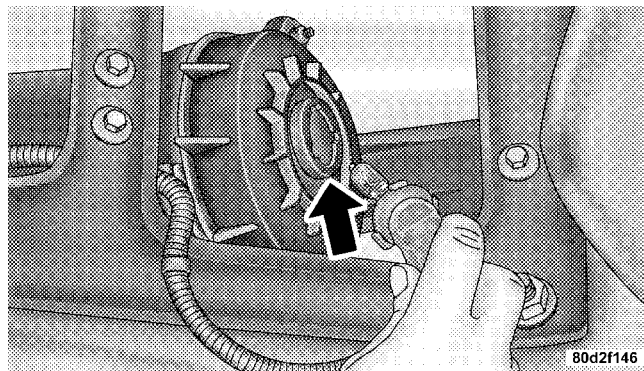


Fog Lights

1. Reach under the vehicle, unlock and twist connector counterclockwise $\frac{1}{4}$ turn and remove connector and bulb from housing.



2. Pull bulb straight from the connector.



3. Reverse procedure for installation of bulbs and housing.

FLUIDS AND CAPACITIES

	U.S.	Metric
Fuel		
5.7L, 89 Octane		
2500 Shortbed Models	34 gal.	128L
2500 Longbed Models	35 gal.	132L
Engine Oil (with filter)		
5.7L Engine V-8 (SAE 5W-20, API Certified). For trucks operating under a gross combined weight rating less than 14,000 lbs.	7.0 qts.	6.6L
5.7L Engine V-8 (SAE 5W-30, API Certified). For trucks operating under a gross combined weight rating greater than 14,000 lbs.	7.0 qts.	6.6L
Cooling System		
5.7L (Mopar® Antifreeze / Coolant 5 Year / 100,000 Mile Formula)	18.7 qts.	17.7L

FLUIDS, LUBRICANTS AND GENUINE PARTS

Engine

Component	Fluids, Lubricants and Genuine Parts
Engine Coolant	Mopar® Antifreeze/Coolant 5 Year/100,000 Mile Formula HOAT (Hybrid Organic Additive Technology) P/N 5011764AB or equivalent.
Engine Oil (For trucks operating under a gross combined weight rating less than 14,000 lbs.)	Use SAE 5W-20, API Certified, meeting material standard MS-6395.
5.7L Engine Oil (For trucks operating under a gross combined weight rating greater than 14,000 lbs.)	Use SAE 5W-30, API Certified, meeting material standard MS-6395.
Engine Oil Filter	Mopar® Engine Oil Filter, P/N 5281090 or equivalent.
Spark Plugs	Refer to the Vehicle Emission Control Information label in the engine compartment.
Fuel Selection (5.7L)	89 Octane Mid-Grade, (R+M)/2 Method Preferred (87 Octane Acceptable)

Chassis

Component	Fluids, Lubricants and Genuine Parts.
Automatic Transmission	Mopar® ATF+4, Automatic Transmission Fluid
Transfer Case	Mopar® ATF+4, Automatic Transmission Fluid
Manual Transmission Fluid (G-56)	Mopar® ATF+4, Automatic Transmission Fluid
Front Driveshaft Grease Fitting.	Use Mopar® type MS-6560 (lithium based grease), or equivalent.
Clutch Linkage	Multipurpose Grease, NLGI Grade 2 E.P.
Front and Rear Axle	Synthetic, GL-5 SAE, 75W-90. Limited-Slip 10.5 inch Rear Axle DOES NOT REQUIRE a limited slip additive.
Brake Master Cylinder	Mopar® DOT 3 and SAE J1703 should be used. If DOT 3 brake fluid is not available, then DOT 4 is acceptable. Use only recommended brake fluids.
Power Steering Reservoir	Mopar® ATF+4, Automatic Transmission Fluid

MAINTENANCE SCHEDULES

CONTENTS

■ Emission Control System Maintenance	446	□ Schedule “B”	449
■ Maintenance Schedules	446	□ Schedule “A”	460

EMISSION CONTROL SYSTEM MAINTENANCE

The “Scheduled” maintenance services, listed in **bold type** in this section (Section 8) must be done at the times or mileages specified to assure the continued proper functioning of the emission control system. These, and all other maintenance services included in this manual, should be done to provide best vehicle performance and reliability. More frequent maintenance may be needed for vehicles in severe operating conditions such as dusty areas and very short trip driving.

Inspection and service also should be done any time a malfunction is suspected.

NOTE: Maintenance, replacement, or repair of the emission control devices and systems on your vehicle may be performed by any automotive repair establishment or individual using any automotive part which has been certified pursuant to U.S. EPA or, in the State of California, California Air Resources Board regulations.

MAINTENANCE SCHEDULES

There are two maintenance schedules that show the **required** service for your vehicle.

First is Schedule “**B**”. It is for vehicles that are operated under the conditions that are listed below and at the beginning of the schedule.

- Day or night temperatures are below 32° F (0° C).
- Stop and go driving.
- Extensive engine idling.
- Driving in dusty conditions.
- Short trips of less than 10 miles (16 km).
- More than 50% of your driving is at sustained high speeds during hot weather, above 90° F C (32°).
- Trailer towing.
- Snowplowing.

- Heavy Loading.
- Taxi, police, or delivery service (commercial service).
- Off-road or desert operation.
- **If equipped for and operating with E-85 (ethanol) fuel.**

NOTE: If **ANY** of these apply to you then change your engine oil every 3,000 miles (5 000 km) or 3 months, whichever comes first and follow schedule “B” of the “Maintenance Schedules” section of this manual.

NOTE: If **ANY** of these apply to you then flush and replace your engine coolant every 102,000 miles (170 000 km) or 60 months, whichever comes first and follow schedule “B” of the “Maintenance Schedules” section of this manual.

NOTE: Most vehicles are operated under the conditions listed for Schedule “B”.

Second is Schedule “A”. It is for vehicles that are not operated under any of the conditions listed under Schedule “B”.

Use the schedule that best describes your driving conditions. Where time and mileage are listed, follow the interval that occurs first.

NOTE: Under no circumstances should oil change intervals exceed 6000 miles (10 000 km) or 6 months whichever comes first.

CAUTION!

Failure to perform the required maintenance items may result in damage to the vehicle.

448 MAINTENANCE SCHEDULES

At Each Stop for Fuel

- Check the engine oil level about 5 minutes after a fully warmed engine is shut off. Checking the oil level while the vehicle is on level ground will improve the accuracy of the oil level reading. Add oil only when the level is at or below the ADD or MIN mark.
- Check the windshield washer solvent and add if required.

Once a Month

- Check tire pressure and look for unusual wear or damage.
- Inspect the battery and clean and tighten the terminals as required.
- Check the fluid levels of coolant bottle, brake master cylinder, and transmission and add as needed.

- Check all lights and all other electrical items for correct operation.

At Each Oil Change

- Change the engine oil filter.
- Lubricate the front driveshaft grease fitting and tie rod end links.
- Inspect the exhaust system.
- Inspect the brake hoses.
- Inspect the U—joints and front suspension components.
- Check the automatic transmission fluid level.
- Check the manual transmission fluid level.
- Check the coolant level, hoses, and clamps.
- Lubricate Front Drive Shaft Fitting.

Schedule "B"

Follow schedule "B" if you usually operate your vehicle under one or more of the following conditions.

- Day or night temperatures are below 32° F (0° C).
- Stop and go driving.
- Extensive engine idling.
- Driving in dusty conditions.
- Short trips of less than 10 miles (16 km).
- More than 50% of your driving is at sustained high speeds during hot weather, above 90° F C (32°).
- Trailer towing.
- Snowplowing.
- Heavy Loading.
- Taxi, police, or delivery service (commercial service).

- Off-road or desert operation.
- **If equipped for and operating with E-85 (ethanol) fuel.**

NOTE: If **ANY** of these apply to you then change your engine oil every 3,000 miles (5 000 km) or 3 months, whichever comes first and follow schedule "B" of the "Maintenance Schedules" section of this manual.

NOTE: If **ANY** of these apply to you then flush and replace your engine coolant every 102,000 miles (170 000 km) or 60 months, whichever comes first and follow schedule "B" of the "Maintenance Schedules" section of this manual.

If none of these apply to you, then change your engine oil at every interval shown on schedule "A" of the "Maintenance Schedules" section of this manual.

450 SCHEDULE "B"

Miles (Kilometers)	3,000 (5 000)	6,000 (10 000)	9,000 (14 000)	12,000 (19 000)	15,000 (24 000)
Change engine oil and engine oil filter, or at 3 months, whichever comes first.	X	X	X	X	X
Lubricate Front Drive Shaft Fitting.	X	X	X	X	X
Rotate tires.		X		X	
Check spare tire for proper pressure and correct stowage.		X		X	
Lubricate tie rod end links.	X	X	X	X	X
Change rear axle fluid.					X
Change front axle fluid.					X
Inspect brake linings.				X	
Inspect engine air cleaner filter, replace if necessary.					X

Miles (Kilometers)	18,000 (29 000)	21,000 (34 000)	24,000 (39 000)	27,000 (43 000)	30,000 (48 000)
Change engine oil and engine oil filter, or at 3 months, whichever comes first.	X	X	X	X	X
Lubricate Front Drive Shaft Fitting.	X	X	X	X	X
Rotate tires.	X		X		X
Check spare tire for proper pressure and correct stowage.	X		X		X
Lubricate tie rod end links.	X	X	X	X	X
Change rear axle fluid.					X
Change front axle fluid.					X
Check transfer case fluid level.					X
Inspect brake linings.			X		
Inspect engine air cleaner filter, replace if necessary.					X
Replace spark plugs.					X
Inspect PCV valve, replace as necessary.**					X

452 SCHEDULE "B"

Miles (Kilometers)	33,000 (53 000)	36,000 (58 000)	39,000 (63 000)	42,000 (68 000)	45,000 (72 000)
Change engine oil and engine oil filter, or at 3 months, whichever comes first.	X	X	X	X	X
Lubricate Front Drive Shaft Fitting.	X	X	X	X	X
Rotate tires.		X		X	
Check spare tire for proper pressure and correct stowage.		X		X	
Lubricate tie rod end links.	X	X	X	X	X
Change rear axle fluid.					X
Change front axle fluid.					X
Inspect brake linings.		X			
Inspect engine air cleaner filter, replace if necessary.					X

Miles (Kilometers)	48,000 (77 000)	51,000 (82 000)	54,000 (87 000)	57,000 (92 000)	60,000 (97 000)
Change engine oil and engine oil filter, or at 3 months, whichever comes first.	X	X	X	X	X
Lubricate Front Drive Shaft Fitting.	X	X	X	X	X
Flush and replace engine coolant at 60 months, or 102, 000 miles (170 000 km) whichever comes first.					X
Rotate tires.	X		X		X
Check spare tire for proper pressure and correct stowage.	X		X		X
Lubricate tie rod end links.	X	X	X	X	X
Drain and refill transfer case fluid.					X
Change rear axle fluid.					X
Change front axle fluid.					X
Change 6-spd manual transmission (G-56) fluid.					X
Inspect brake linings.	X				X
Inspect engine air cleaner filter, replace if necessary.					X

454 SCHEDULE "B"

Miles (Kilometers)	48,000 (77 000)	51,000 (82 000)	54,000 (87 000)	57,000 (92 000)	60,000 (97 000)
Replace spark plugs.					X
Inspect PCV valve, replace as necessary.**					X
Drain and refill automatic transmission fluid and change main sump filter (545RFE only).					X

Miles (Kilometers)	63,000 (101 000)	66,000 (106 000)	69,000 (111 000)	72,000 (116 000)	75,000 (121 000)
Change engine oil and engine oil filter, or at 3 months, whichever comes first.	X	X	X	X	X
Lubricate Front Drive Shaft Fitting.	X	X	X	X	X
Rotate tires.		X		X	
Check spare tire for proper pressure and correct stowage.		X		X	
Lubricate tie rod end links.	X	X	X	X	X
Inspect engine air cleaner filter.					X
Change rear axle fluid.					X
Change front axle fluid.					X
Inspect brake linings.				X	
Inspect auto tension drive belt and replace if required.					X

456 SCHEDULE "B"

Miles (Kilometers)	78,000 (126 000)	81,000 (130 000)	84,000 (135 000)	87,000 (140 000)	90,000 (145 000)
Change engine oil and engine oil filter, or at 3 months, whichever comes first.	X	X	X	X	X
Lubricate Front Drive Shaft Fitting.	X	X	X	X	X
Rotate tires.	X		X		X
Check spare tire for proper pressure and correct stowage.	X		X		X
Lubricate tie rod end links.	X	X	X	X	X
Change rear axle fluid.					X
Change front axle fluid.					X
Check transfer case fluid level.					X
Inspect brake linings.			X		
Inspect engine air cleaner filter, replace if necessary.					X
Replace spark plugs.					X
Inspect PCV valve, replace as necessary.**					X
Inspect auto tension drive belt and replace if required.					X

Miles (Kilometers)	93,000 (150 000)	96,000 (154 000)	99,000 (159 000)	102,000 (164 000)
Change engine oil and engine oil filter, or at 3 months, whichever comes first.	X	X	X	X
Lubricate Front Drive Shaft Fitting.	X	X	X	X
Rotate tires.		X		X
Check spare tire for proper pressure and correct stowage.		X		X
Lubricate tie rod end links.	X	X	X	X
Flush and replace engine coolant, if not replaced at 60 months.				X
Inspect brake linings.		X		

458 SCHEDULE "B"

Miles (Kilometers)	105,000 (169 000)	108,000 (174 000)	111,000 (179 000)	114,000 (183 000)	117,000 (188 000)	120,000 (193 000)
Change engine oil and engine oil filter, or at 3 months, whichever comes first.	X	X	X	X	X	X
Lubricate Front Drive Shaft Fitting.	X	X	X	X	X	X
Rotate tires.		X		X		X
Check spare tire for proper pressure and correct stowage.		X		X		X
Lubricate tie rod end links.	X	X	X	X	X	X
Drain and refill transfer case fluid.						X
Change rear axle fluid.	X					X
Change front axle fluid.	X					X
Change 6-spd manual transmission (G-56) fluid.						X
Inspect brake linings.		X				X
Inspect engine air cleaner filter, replace if necessary.	X					X
Replace spark plugs.						X

Miles (Kilometers)	105,000 (169 000)	108,000 (174 000)	111,000 (179 000)	114,000 (183 000)	117,000 (188 000)	120,000 (193 000)
Inspect PCV valve, replace as necessary.**						X
Inspect auto tension drive belt and replace if required.	X					X
Drain and refill automatic transmission fluid and change main sump and spin-on cooler return filter (if equipped) [545RFE only].						X
Flush and replace engine coolant at 120 months, if not replaced at 102,000 miles (170 000 km).						X

* This applies only if the vehicle is used for frequent trailer towing, snowplowing, fleet vehicle or commercial service.

**This maintenance is recommend, but not required.

Inspection and service should also be performed anytime a malfunction is observed or suspected. Retain all receipts.

460 SCHEDULE "A"

Schedule "A"

Miles (Kilometers) [Months]	6,000 (10 000) [6]	12,000 (19 000) [12]	18,000 (29 000) [18]	24,000 (39 000) [24]	30,000 (48 000) [30]
Change engine oil and engine oil filter.	X	X	X	X	X
Lubricate Front Prop Shaft fitting.	X	X	X	X	X
Rotate tires.	X	X	X	X	X
Check spare tire for proper pressure and correct stowage.	X	X	X	X	X
Check transfer case fluid level.					X
Lubricate tie rod end links.	X	X	X	X	X
Inspect brake linings.			X		
Inspect engine air cleaner filter, replace if necessary.					X
Replace spark plugs.					X

Miles (Kilometers) [Months]	36,000 (58 000) [36]	42,000 (68 000) [42]	48,000 (77 000) [48]	54,000 (87 000) [54]	60,000 (97 00) [60]	66,000 (106 000) [66]
Change engine oil and engine oil filter.	X	X	X	X	X	X
Lubricate Front Prop Shaft fitting.	X	X	X	X	X	X
Rotate tires.	X	X	X	X	X	X
Check spare tire for proper pressure and correct stowage.	X	X	X	X	X	X
Check transfer case fluid level.					X	
Lubricate tie rod end links.	X	X	X	X	X	X
Flush and replace engine coolant at 60 months, if not replaced at 102,000 miles (170 000 km).					X	
Inspect brake linings.	X			X		
Inspect engine air cleaner filter, replace if necessary.					X	
Replace spark plugs.					X	
Inspect PCV valve, replace as necessary.**					X	

462 SCHEDULE "A"

Miles (Kilometers) [Months]	72,000 (116 000) [72]	78,000 (126 000) [78]	84,000 (135 000) [84]	90,000 (145 000) [90]	96,000 (154 000) [96]
Change engine oil and engine oil filter.	X	X	X	X	X
Lubricate Front Prop Shaft fitting.	X	X	X	X	X
Rotate tires.	X	X	X	X	X
Check spare tire for proper pressure and correct stowage.	X	X	X	X	X
Lubricate tie rod end links.	X	X	X	X	X
Check transfer case fluid level.				X	
Inspect brake linings.	X			X	
Inspect engine air cleaner filter, replace if necessary.				X	
Replace spark plugs.				X	
Inspect PCV valve, replace as necessary.**				X	
Inspect auto tension drive belt and replace if required.				X	

Miles (Kilometers) [Months]	102,000 (164 000) [102]	108,000 (174 000) [108]	114,000 (183 000) [114]	120,000 (193 000) [120]
Change engine oil and engine oil filter.	X	X	X	X
Lubricate Front Prop Shaft fitting.	X	X	X	X
Rotate tires.	X	X	X	X
Check spare tire for proper pressure and correct stowage.	X	X	X	X
Drain and refill transfer case fluid.				X
Flush and replace engine coolant, if not replaced at 60 months.	X			
Flush and replace engine coolant at 120 months, if not replaced at 102,000 miles (170 000 km).				X
Lubricate tie rod end links.	X	X	X	X
Inspect brake linings.		X		
Inspect auto tension drive belt and replace if required.	X			X
Inspect engine air cleaner filter, replace if necessary.				X

464 SCHEDULE "A"

Miles (Kilometers) [Months]	102,000 (164 000) [102]	108,000 (174 000) [108]	114,000 (183 000) [114]	120,000 (193 000) [120]
Replace spark plugs.				X
Inspect PCV Valve, replace as necessary.**				X

Inspection and service should also be performed anytime a malfunction is observed or suspected. Retain all receipts.

**This maintenance is recommend, but not required.

WARNING!

You can be badly injured working on or around a motor vehicle. Do only that service work for which you have the knowledge and the right equipment. If you have any doubt about your ability to perform a service job, take your vehicle to a competent mechanic.

IF YOU NEED CONSUMER ASSISTANCE

CONTENTS

■ Suggestions For Obtaining Service For Your Vehicle	466	■ Reporting Safety Defects	469
□ Prepare For The Appointment	466	□ In Canada	469
□ Prepare A List	466	■ Publication Order Forms	470
□ Be Reasonable With Requests	466	■ Department Of Transportation Uniform Tire Quality Grades	471
■ If You Need Assistance	466	□ Treadwear	471
■ Warranty Information (U.S. Vehicles Only)	469	□ Traction Grades	471
■ Mopar® Parts	469	□ Temperature Grades	472

SUGGESTIONS FOR OBTAINING SERVICE FOR YOUR VEHICLE

Prepare For The Appointment

If you're having warranty work done, be sure to have the right papers with you. Take your warranty folder. All work to be performed may not be covered by the warranty, discuss additional charges with the service manager. Keep a maintenance log of your vehicle's service history. This can often provide a clue to the current problem.

Prepare A List

Make a written list of your vehicle's problems or the specific work you want done. If you've had an accident, or work done that is not on your maintenance log, let the service advisor know.

Be Reasonable With Requests

If you list a number of items, and you must have your vehicle by the end of the day, discuss the situation with the service advisor and list the items in order of priority. At many dealers you may obtain a rental vehicle at a minimal daily charge. If you need a rental, it is advisable to make these arrangements when you call for an appointment.

IF YOU NEED ASSISTANCE

The manufacturer and its dealers are vitally interested in your satisfaction. We want you to be happy with our products and services.

Warranty service must be done by an authorized Chrysler, Dodge, or Jeep dealer. We strongly recommend that you take your vehicle to your selling dealer. They know you and your vehicle best, and are most concerned that you get prompt and high quality service. The manufacturer's dealers have the facilities, factory-trained

technicians, special tools, and the latest information to assure your vehicle is fixed correctly and in a timely manner.

This is why you should always talk to your dealer's service manager first. Most matters can be resolved with this process.

- If for some reason you are still not satisfied, talk to the general manager or owner of the dealership. They want to know if you need assistance.
- If your dealership is unable to resolve the concern, you may contact the Manufacturer's Customer Center.

Any communication to the Manufacturer's Customer Center should include the following information:

- Owner's name and address
- Owner's telephone number (home and office)
- Dealership name

- Vehicle identification number
- Vehicle delivery date and mileage

DaimlerChrysler Motors Corporation Customer Center

P.O. Box 21-8004

Auburn Hills, MI 48321-8004

Phone: (800) 992-1997

DaimlerChrysler Canada Inc. Customer Center

P.O. Box 1621

Windsor, Ontario N9A 4H6

Phone —(800) 465-2001

In Mexico contact:

Av. Prolongacion Paseo de la Reforma, 1240

Sante Fe C.P. 05109

Mexico, D. F.

In Mexico (915) 729-1248 or 729-1240

Outside Mexico (525) 729-1248 or 729-1240

Customer Assistance For The Hearing Or Speech Impaired (TDD/TTY)

To assist customers who have hearing difficulties, the manufacturer has installed special TDD (Telecommunication Devices for the Deaf) equipment at its Customer Center. Any hearing or speech impaired customer who has access to a TDD or a conventional teletypewriter (TTY) in the United States can communicate with the manufacturer by dialing 1-800-380-CHRY.

Service Contract

You may have purchased a service contract for your vehicle to help protect you from the high cost of unexpected repairs after your manufacturer's new vehicle limited warranty expires. The manufacturer stands behind only the manufacturer's Service Contracts. If you purchased a manufacturer's Service Contract, you will receive Plan Provisions and an Owner Identification Card in the mail within three weeks of your vehicle delivery date. If you have any questions about your service

contract, call the manufacturer's Service Contract National Customer Hotline at 1-800-521-9922.

The manufacturer will not stand behind any service contract that is not the manufacturer's Service Contract. It is not responsible for any service contract other than the manufacturer's Service Contract. If you purchased a service contract that is not a manufacturer's Service Contract, and you require service after your manufacturer's new vehicle limited warranty expires, please refer to your contract documents, and contact the person listed in those documents.

We appreciate that you have made a major investment when you purchased your new vehicle. Your dealer has also made a major investment in facilities, tools, and training to assure that you are absolutely delighted with your ownership experience. You'll be pleased with their sincere efforts to resolve any warranty issues or related concerns.

WARRANTY INFORMATION (U.S. Vehicles Only)

See the Warranty Information Booklet for the terms and provisions of DaimlerChrysler's warranties applicable to this vehicle.

MOPAR® PARTS

Mopar® fluids, lubricants, parts, and accessories are available from your dealer. They will help you keep your vehicle operating at its best.

REPORTING SAFETY DEFECTS

In the 50 United States and Washington D.C.: If you believe that your vehicle has a defect, which could cause a crash or cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying the manufacturer.

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy

campaign. However, NHTSA cannot become involved in individual problems between you, your dealer, and the manufacturer.

To contact NHTSA, you may either call the Auto Safety Hotline toll free at 1-888-327-4236 (TTY: 1-800-424-9153), or go to <http://www.NHTSA.gov>. or write to: NHTSA, U.S. Dept. of Transportation, Washington DC 20590. You can also obtain other information about motor vehicle safety from the Hotline.

In Canada:

If you believe that your vehicle has a safety defect, you should contact the Customer Service Department immediately. Canadian customers who wish to report a safety defect to the Canadian government should write to Transport Canada, Motor Vehicle Defect Investigations and Recalls, 2780 Sheffield Road, Ottawa, Ontario K1B 3V9.

PUBLICATION ORDER FORMS

To order the following manuals, you may use either the website or the phone numbers listed below. Visa, Mastercard, American Express, and Discover orders are accepted. If you prefer mailing your payment, please call for an order form.

NOTE: A street address is required when ordering manuals. (No P.O. Boxes).

- *Service Manuals.*

These comprehensive service manuals provide the information that students and professional technicians need in diagnosing/troubleshooting, problem solving, maintaining, servicing, and repairing DaimlerChrysler Corporation vehicles. A complete working knowledge of the vehicle, system, and/or components is written in straightforward language with illustrations, diagrams, and charts.

- *Diagnostic Procedure Manuals.*

Filled with diagrams, charts and detailed illustrations, these practical manuals make it easy for students and technicians to find and fix problems on computer-controlled vehicle systems and features. They show exactly how to find and correct problems the first time, using step-by-step troubleshooting and driveability procedures, proven diagnostic tests and a complete list of all tools and equipment.

- *Owner's Manuals.*

These manuals have been prepared with the assistance of service and engineering specialists to acquaint you with specific Chrysler group vehicles. Included are starting, operating, emergency and maintenance procedures as well as specifications, capabilities and safety tips.

Call Toll Free at:

- 1-800-890-4038 (U.S.)
- 1-800-387-1143 (Canada)

Or

Visit us on the World Wide Web at:

- www.techauthority.daimlerchrysler.com
- www.daimlerchrysler.ca/manuals

**DEPARTMENT OF TRANSPORTATION UNIFORM
TIRE QUALITY GRADES**

The following describes the tire grading categories established by the National Highway Traffic Safety Administration. The specific grade rating assigned by the tire's manufacturer in each category is shown on the sidewall of the tires on your car.

All Passenger Car Tires Must Conform to Federal Safety Requirements in Addition to These Grades.

Treadwear

The treadwear grade is a comparative rating based on the wear rate of the tire when tested under controlled conditions on a specified government test course. For example, a tire graded 150 would wear one and a half (1 1/2) times as well on the government course as a tire graded 100. The relative performance of tires depends upon the actual conditions of their use, however, and may depart significantly from the norm due to variations in driving habits, service practices and differences in road characteristics and climate.

Traction Grades

The traction grades, from highest to lowest, are AA, A, B, and C. Those grades represent the tire's ability to stop on wet pavement as measured under controlled conditions

on specified government test surfaces of asphalt and concrete. A tire marked C may have poor traction performance.

WARNING!

The traction grade assigned to this tire is based on straight-ahead braking traction tests, and does not include acceleration, cornering, hydroplaning, or peak traction characteristics.

Temperature Grades

The temperature grades are A (the highest), B, and C, representing the tire's resistance to the generation of heat and its ability to dissipate heat when tested under controlled conditions on a specified indoor laboratory test wheel. Sustained high temperature can cause the material of the tire to degenerate and reduce tire life, and excessive temperature can lead to sudden tire failure. The

grade C corresponds to a level of performance which all passenger car tires must meet under the Federal Motor Vehicle Safety Standard No. 109. Grades B and A represent higher levels of performance on the laboratory test wheel than the minimum required by law.

WARNING!

The temperature grade for this tire is established for a tire that is properly inflated and not overloaded. Excessive speed, under inflation, or excessive loading, either separately or in combination, can cause heat buildup and possible tire failure.

INDEX

- Adding Fuel 339
- Air Cleaner, Engine (Engine Air Cleaner Filter) . 393,417
- Air Conditioner Maintenance 397
- Air Conditioning Refrigerant 397,398
- Air Conditioning System 230,397
- Air Conditioning System, Zone Control 233
- Air Pressure, Tires 323,332
- Airbag 45,51
- Airbag Light 164,174
- Airbag On/Off Switch 51
- Airbag, Side 54
- Alarm (Security Alarm) 18,176
- Alarm System (Security Alarm) 18
- Alignment and Balance 331
- Alterations/Modifications, Vehicle 7
- Antenna, Satellite Radio 223
- Antifreeze (Engine Coolant) 404,405,441
- Disposal 406
- Anti-Lock Warning Light 178,310
- Anti-Theft Security Alarm (Theft Alarm) 18
- Anti-Theft System 18,176
- Appearance Care 420
- Ashtray 150
- Automatic Dimming Mirror 84
- Automatic Transaxle 13
- Interlock System 16
- Automatic Transmission
- Adding Fluid 413
- Fluid and Filter Changes 415
- Fluid Level Check 412,413
- Fluid Type 414,443
- Shift Indicator 176
- Shifting 250
- Special Additives 415
- Axle Fluid 411,443
- Axle Lubrication (Axle Fluid) 411
- Ball Joints 399

Bar, Stabilizer/Sway System	267	Bulbs, Light	430
Battery	396		
Emergency Starting	375	Cab Top Clearance Lights	438
Saving Feature (Protection)	120	Calibration, Compass	136
Bearings	415	Camper	160
Belts, Drive	393	Capacities, Fluid	441
Belts, Seat	34	Caps, Filler	
Body Mechanism Lubrication	401	Oil (Engine)	391
B-Pillar Location	318	Power Steering	398
Brake Fluid	443	Radiator (Coolant Pressure)	406
Brake System	309,409	Car Washes	421
Anti-Lock (ABS)	310	Carbon Monoxide Warning	163,339
Disc Brakes	409	Cargo Light	122
Hoses	410	Cassette Tape and Player Maintenance	225
Master Cylinder	409	Catalytic Converter	394
Parking	308	CD (Compact Disc) Player	183,191,204
Warning Light	178	Cellular Phone	87
Break-In Recommendations, New Vehicle	70	Center High Mounted Stop Light	437
Bulb Replacement	431	Center Lap Belts	42

Center Seat Storage Compartment	152	Computer, Trip /Travel	132
Certification Label	341	Console, Overhead	131
Chart, Tire Sizing	315	Contract, Service	468
Check Engine Light (Malfunction Indicator Light)	177	Coolant Pressure Cap (Radiator Cap)	406
Child Restraint	58,59	Cooling System	403
Child Restraint Tether Anchors	62,66	Adding Coolant (Antifreeze)	405
Child Seat	59,65	Coolant Capacity	441
Cigar Lighter	150	Coolant Level	403,407
Cleaning		Disposal of Used Coolant	406
Wheels	422	Drain, Flush, and Refill	404
Climate Control	227	Inspection	407
Clock	181,185,193,206,219	Points to Remember	407
Clutch	410	Pressure Cap	406
Clutch Linkage Maintenance	410	Radiator Cap	406
Compact Disc (CD) Maintenance	226	Selection of Coolant (Antifreeze)	404,441,442
Compact Spare Tire	327	Temperature Gauge	175
Compass	136	Cruise Control (Speed Control)	128
Compass Calibration	136	Cup Holder	151
Compass Variance	137	Customer Assistance	466

- Data Recorder, Event 56
- Daytime Running Lights 121
- Dealer Service 388
- Defroster, Rear Window 86,154
- Defroster, Windshield 163,229,232
- Delay (Intermittent) Wipers 125
- Differential 78
- Differential, Limited-Slip 262
- Digital Video Disc (DVD) Player 78
- Dipsticks
 - Automatic Transmission 413
 - Power Steering 398
- Disc Brakes 409
- Disposal
 - Antifreeze (Engine Coolant) 406
- Door Ajar 181
- Door Locks 26
- Door Opener, Garage 139
- Drive Belts 393
- Driving
 - Off-Pavement 268
 - Off-Road 268
- Electric Rear Window Defrost 86,154
- Electrical Power Outlets 148
- Electronic Speed Control (Cruise Control) 128
- Emergency Brake 308
- Emergency, In Case of
 - Freeing Vehicle When Stuck 378
 - Hazard Warning Flasher 366
 - Jacking 369
 - Jump Starting 375
 - Tow Hooks 379
 - Towing 380
- Emission Control System Maintenance 446
- Emission Related Components 396
- Engine 384
 - Air Cleaner 393

- Block Heater 249
- Break-In Recommendations 70
- Compartment Identification 384
- Coolant (Antifreeze) 442
- Exhaust Gas Caution 339
- Flooded, Starting 246
- Fuel Requirements 441
- Oil 389,441,442
- Oil Filler Cap 391
- Oil Selection 391,441
- Oil Synthetic 392
- Temperature Gauge 175
- Equipment Identification Plate 363
- Event Data Recorder 56
- Exhaust Gas Caution 163,339,403
- Exhaust System 163,402,403
- Exterior Lighting 120
- Fabric Care 423
- Filters
 - Air Cleaner 393,417
 - Engine Fuel 394
 - Engine Oil 392,442
 - Engine Oil Disposal 392
- Flashers
 - Turn Signal 123
- Flat Tire Stowage 368,374
- Flooded Engine Starting 246
- Fluid, Brake 443
- Fluid Capacities 441
- Fluid Level Checks
 - Automatic Transmission 413
 - Power Steering 398
- Fluids, Lubricants and Genuine Parts 442
- Fog Lights 122,179,440
- Fold Flat Load Floor 155
- Four Wheel Drive 258
- Four-Way Hazard Flasher 366

Freeing A Stuck Vehicle	378	Oil Pressure	174
Front Axle (Differential)	411	Speedometer	174
Front Wheel Bearings	415	Tachometer	173
Fuel	335	Voltmeter	173
Adding	339	Gear Ranges	250,257
Filter	394	Gear Ratios	78
Gauge	180	General Information	18
Octane Rating	335,442	Glass Cleaning	424
Requirements	335,441	Gross Axle Weight Rating	346
Tank Capacity	441	Gross Vehicle Weight Rating	345
Fuses	425	GVWR	342
Garage Door Opener (HomeLink®)	139	Hands-Free Phone (UConnect™)	87
Gas Cap (Fuel Filler Cap)	341,385	Hazard Warning Flasher	366
Gasoline (Fuel)	335	Head Restraints	112
Gasoline, Reformulated	335	Headlights	431
Gauges	173	High Beam	124
Coolant Temperature	175	High Beam /Low Beam Select Switch	124
Fuel	180	Lights On Reminder	122

- Passing 124
- Switch 120
- Heated Mirrors 86,154
- Heated Seats 115
- Heater 230
- Heater, Engine Block 249
- High Beam/Low Beam Select (Dimmer) Switch .. 124
- Hitches
 - Trailer Towing 349
- Hoisting 375
- HomeLink® (Garage Door Opener) Transmitter .. 139
- Hood Release 117
- Hoses 408
- Hub Caps 373
- Ignition 13
 - Cables (Spark Plug Wires) 393
 - Key 12,13
 - Wiring System (Spark Plug Wires) 393
- Ignition Key Removal 13
- Illuminated Entry 20
- Infant Restraint 58,59
- Inflation Pressure Tires 332
- Inside Rearview Mirror 83
- Instrument Cluster 172,173
- Instrument Panel and Controls 171
- Instrument Panel Lens Cleaning 424
- Integrated Power Module (Fuses) 425
- Interior Appearance Care 423
- Interior Lights 119
- Intermittent Wipers (Delay Wipers) 125
- Introduction 4
- Jack Location 367
- Jack Operation 369
- Jump Starting 375
- Key, Replacement 17

Key, Sentry (Immobilizer)	16	Cruise	181
Keyless Entry System	20	Daytime Running	121
Keys	12	Fog	122,179,440
Lane Change and Turn Signals	123	Four-Wheel Drive Indicator	262
Lap Belts	42	Hazard Warning Flasher	366
Lap/Shoulder Belts	34	Headlights	120
LATCH (Lower Anchors and Tether for CHildren)	62	High Beam	124,174
Life of Tires	330	High Beam Indicator	174
Lights	118,164	High Beam/Low Beam Select	124
Airbag	56,174	Illuminated Entry	20
Anti-Lock Warning	178,310	Instrument Cluster	173
Brake Warning	178	Intensity Control	119
Bulb Replacement	430,431	Interior	119,132
Cap Top Clearance	438	Lights On Reminder	122
Cargo	122	Passing	124
Center Mounted Stop	437	Seat Belt Reminder	174
Check Engine (Malfunction Indicator)	177	Service	430,431
Courtesy/Reading	132	Transfer Case	262
		Transmission Warning	180

Turn Signal	123,173,431,434	Maintenance Procedures	388
Warning (Instrument Cluster Description)	173	Maintenance Schedule	446
Limited-Slip Differential	262,411	Schedule "A"	460
Loading Vehicle	341	Schedule "B"	449
Tires	318	Malfunction Indicator Light (Check Engine)	386
Locks	26	Manual, Service	470
Child Protection	29	Manual Transmission	255,412
Door	26	Fluid Level Check	412
Keys	12	Lubricant Selection	412,443
Power Door	26	Shift Speeds	257
Steering Wheel	15	Mirrors	83
Lower Anchors and Tether for Children (LATCH)	62	Automatic Dimming	84
Lubricants	416	Electric Powered	85
Lubrication, Body	401	Outside	84
Lug Nuts	372	Rearview	83
Lumbar Support	113	Trailer Towing	86,358
Maintenance	388	Modifications / Alterations, Vehicle	7
Maintenance Free Battery	396	Mopar Parts	387,469
		Multi-Displacement Engine System	313

Multi-Function Control Lever	123	Disposal	392
Navigation Radio	219	Filter	392,442
Navigation System	219	Filter Disposal	392
Noise Control		Identification Logo	391
Maintenance	416	Materials Added to	392
Tampering Prohibited	417,418	Pressure Gauge	174
Noise Emission Warranty	418	Recommendation	391,441
		Synthetic	392
Occupant Restraints	33	Viscosity	391,441
Octane Rating, Gasoline (Fuel)	335	Onboard Diagnostic System	385,386
Odometer	176,180	Opener, Garage Door (HomeLink®)	139
Trip	176,180	Operating Precautions	385
Off-Pavement Driving (Off-Road)	268	Outside Rearview Mirrors	84
Off-Road Driving (Off-Pavement)	268	Overdrive	252
Oil, Engine	389,442	Overdrive OFF Switch	252
Capacity	441	Overhead Console	131,132
Change Interval	390	Overhead Travel Information Center	132
Dipstick	389	Owner's Manual (Operator Manual)	470

- Parking Brake 308
- Passenger Airbag On/Off Switch 51
- Passing Light 124
- Phone, Cellular 87
- Phone, Hands-Free (UConnect™) 87
- Pickup Box 159
- Placard, Tire and Loading Information 318
- Positive Crankcase Valve 396
- Power
- Distribution Center (Fuses) 425
 - Door Locks 26
 - Mirrors 85
 - Outlet (Auxiliary Electrical Outlet) 148
 - Seats 114
 - Sliding Rear Window 154
 - Steering 312,398
 - Sunroof 145
 - Windows 31
- Power Steering Fluid 443
- Power Wagon Features 78
- Pregnant Women and Seat Belts 45
- Pretensioners
- Seat Belts 43
- Programmable Electronic Features 141,144
- Programming Transmitters
(Remote Keyless Entry) 141,144
- Radial Ply Tires 326
- Radiator Cap (Coolant Pressure Cap) 404,406
- Radio Broadcast Signals 182
- Radio, Navigation 219
- Radio Operation 183,191,204
- Radio Remote Controls 224
- Radio, Satellite 219,220
- Radio (Sound Systems) 183,191,204
- Ramp Travel Index 269
- Rear Axle (Differential) 411
- Rear Wheel Bearings 415

Rear Window Features	154	Safety Checks Inside Vehicle	163
Rear Window, Sliding	155	Safety Checks Outside Vehicle	164
Reclining Front Seats	112	Safety Defects, Reporting	469
Recorder, Event Data	56	Safety Information, Tire	313
Recreational Towing	360	Safety Tips	162
Shifting into Transfer Case Neutral (N)	361	Satellite Radio	219,220
Shifting out of Transfer Case Neutral (N)	362	Satellite Radio Antenna	223
Reformulated Gasoline	335	Schedule, Maintenance	446
Refrigerant	398	Seat Belt Maintenance	424
Reminder, Seat Belt	43	Seat Belt Reminder	43
Remote Keyless Entry (RKE)	20	Seat Belts	33,34,164
Remote Sound System (Radio) Controls	224	Adjustable Upper Shoulder Anchorage	41
Remote Starting System	24	And Pregnant Women	45
Replacement Tires	330	Child Restraint	58,70
Reporting Safety Defects	469	Extender	45
Restraint, Head	112	Front Seat	34
Restraints, Child	58,65	Pretensioners	43
Ride Height	79	Reminder	174
Rotation, Tires	334	Seats	110,111

- Adjustment 110
- Child 70
- Cleaning 423
- Folding Floor 155
- Heated 115
- Lumbar Support 113
- Power 114
- Reclining 112
- Security Alarm (Theft Alarm) 18,176
- Selection of Coolant (Antifreeze) 404,442
- Sentry Key (Immobilizer) 16
- Service Assistance 466
- Service Contract 468
- Service Manuals 470
- Setting the Clock 181,185,193,206,219
- Shifting 249
 - Automatic Transmission 250
 - Manual Transmission 255
 - Transfer Case 261
 - Transfer Case, Shifting into Transfer Case Neutral (N) 361
 - Transfer Case, Shifting out of Transfer Case Neutral (N) 362
- Shoulder Belt Upper Anchorage 41
- Shoulder Belts 34
- Side Airbag 54
- Signals, Turn 123
- Skid Plates 80
- Sliding Rear Window
 - Power 154
- Slippery Surfaces, Driving On 263
- Snow Chains (Tire Chains) 332
- Snow Plow 359
- Snow Tires 333
- Spare Tire 327,328
- Spark Plug Wires (Ignition Cables/Wires) 393
- Spark Plugs 393
- Speed Control (Cruise Control) 128

- Speedometer 174
- Springs 80
- Stabilizer Bars, Electronic Disconnecting 79
- Stabilizer/Sway Bar System 267
- Starting 245
 - Automatic Transmission 245
 - Engine Fails to Start 246
 - Manual Transmission 245
 - Remote 24
- Starting Procedures (Gas Engines) 245
- Steering
 - Linkage 400
 - Power 312,398
 - Wheel Lock 15
 - Wheel, Tilt 127
- Steering Wheel Mounted Sound System
 - Controls 224
- Storage, Behind the Seat 152
- Storage Compartment, Center Seat 152
- Storage, Vehicle 430
- Storing Your Vehicle 430
- Sun Roof 145
- Supplemental Tire Pressure Information 332
- Synthetic Engine Oil 392
- System, Navigation 219
- System, Remote Starting 24
- Tachometer 173
- Tailgate 160
- Tether Anchor, Child Restraint 62,66
- Tilt Steering Column 127
- Tip Start 246
- Tire and Loading Information Placard 318,332
- Tire Identification Number (TIN) 317
- Tire Markings 313
- Tire Safety Information 313
- Tires 80,164,322,471
 - Aging (Life of Tires) 330

Air Pressure	322	Spare Tire	368
Alignment	331	Spinning	328
Chains	332	Tread Wear Indicators	329
Changing	368	Wheel Mounting	369
Compact Spare	327	Wheel Nut Torque	372
General Information	322	Tongue Weight/Trailer Weight	350
High Speed	325	Torque Converter Clutch	255
Inflation Pressures	323	Tow Hooks, Emergency	379
Jacking	369	Towing	345
Life of Tires	330	Disabled Vehicle	380
Load Capacity	318,319	Guide	350
Off-Road	80	Recreational	360
Quality Grading	471	Weight	350
Radial	326	Traction	263
Replacement	330	Trailer Towing	345
Rotation	334	Cooling System Tips	357
Safety	313,322	Hitches	349
Sizes	315	Minimum Requirements	351
Snow Tires	333	Mirrors	86,358

- Trailer and Tongue Weight 350
- Wiring 355
- Trailer Towing Guide 350
- Trailer Weight 350
- Transaxle
 - Automatic 13
 - Manual 14
- Transfer Case 412
 - Fluid 443
- Transmission
 - Automatic 250,412
 - Fluid 443
 - Maintenance 412
 - Manual 245,255,412
 - Shifting 249
- Transmitter, Garage Door Opener (HomeLink®) . . 139
- Tread Wear Indicators 329
- Trip Computer 132
- Trip Odometer 176,180
- Turn Signals 123,173,431,434
- UConnect™ (Hands-Free Phone) 87
- Underhood Fuses 425
- Uniform Tire Quality Grades 471
- Universal Transmitter 139
- Variance, Compass 137
- Vehicle Identification Number (VIN) 6
- Vehicle Loading 319,341
- Vehicle Modifications / Alterations 7
- Vehicle Storage 430
- Voltmeter 173
- Warning Lights (Instrument Cluster Description) . 173
- Warnings and Cautions 6
- Warranty Information 469
- Washers, Windshield 126,401
- Washing Vehicle 421

- Wheel Alignment and Balance 331
- Wheel and Wheel Trim 422
- Wheel and Wheel Trim Care 422
- Wheel Changing 368
- Wheel Flares 80
- Wheel Mounting 369
- Wheel Nut Torque 372,374
- Wheels 81
- Winch 79,289
 - Accessories 293
 - Operation 294
 - Rigging Techniques 305
 - Usage 289
- Wind Buffeting 32,148
- Window Airbag (Side Curtain) 54
- Window Fogging 238
- Windows 31
 - Power 31
 - Rear Sliding 155
- Windshield Defroster 229,232
- Windshield Washers 125,126,401
 - Fluid 125,401
- Windshield Wiper Blades 401
- Windshield Wipers 125
- Wiper Blade Replacement 401
- Wipers, Intermittent 125
- Wiring, Ignition (Spark Plug Wires) 393
- YES Essentials® Fabric Cleaning Procedure 423

