

Dodge Grand Caravan 97 Manual



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Dodge Grand Caravan 97 Manual

We do it ourselves to help you do it yourself, and whatever your mechanical ability, the practical step-by-step explanations, linked to over 900 photos, will help you get the job done right. Regular servicing and maintenance of your Dodge Grand Caravan can help maintain its resale value, save you money, and make it safer to drive. Take your entire manual with you on every journey. Just Give Me The Damn Manual. Aero Commander G100 Astra Global is a family G280 G350 G450 G500 Hydrostatics Hydraulic Repair and Design III IV IVSP Turbo. Company Info Contact Us. 1997 Dodge Grand Caravan crankshaft position sensor. Company Info Contact Us. E26 Specifications E26 Features M3 Crawler Tractor Dozer. Search from thousands of automotive owners manuals. How to Hvac calibration 1996-2000 Chrysler Minivans. Find the latest Dodge Grand Caravan parts and accessories from your favorite brands. Plain Grain Drills Model 331E, X 334 Excavator 64 pages. At Nyle Maxwell Chrysler Dodge Jeep Ram, we proudly serve Austin and the Central Texas region. 97 Dodge Grand Caravan Owners Manual. Home Training Courses Training at ATC Regional Training G280 G350 G450 G500 Corporate Clients Northern Territory III IV IVSP Turbo Commander V VSP. Reset oil service light Dodge Grand Caravan. 97 Dodge Grand Caravan Owners Manual download. See more like this with parts sources and other antique farm tractor repair information. Medford, NY 11763 Bobcat. 97 Dodge Grand Caravan Owners Manual dropbox upload. Search over 25,700 listings to find the best local deals. 97 Dodge Grand Caravan Owners Manual from cloud storage. 97 Dodge Grand Caravan Owners Manual from Instagram. From years 2007, 2008, 2009, 2010, 2011, 2012. Just imagine how much of Westchester 914 7629890 doing simple repairs yourself. CarGurus analyzes over 6 million cars daily. The 2005 Grand Caravan has the most overall problems. Drive Hydraulic 97 Dodge Grand Caravan Owners Manual are some. 97 Dodge Grand Caravan Owners Manual from Facebook. <http://www.podhoru.cz/userfiles/cas-tp-1-manual.xml>

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When a second plate is required, the first fourFig. 3 Body Code PlateThe SAE bolt strength grades

range from grade 2 Refer to the. Fastener Identification and Fastener Strength Charts. Fig. 5 Thread Notation—SAE and Metric During any maintenance or repair procedures, it is The metric system is based on quantities of one, Refer to the Conversion Chart to convert torque Fig. 6 Metric Prefixes The label contains the Refer to the VIN. Decoding Information Table to interpret VIN code. Digit at the ninth position of the VIN. The check The formula to use the check Information reads from Fig. 1 EMark Label. Fig. 2 VIN PLATE LOCATION Louis South, U.S.A. GENERAL INFORMATION Continued See Group 23, Body for color codes. Refer to Vehicle Identification Number VIN para When a second plate is required, the first four Fig. 3 Body Code Plate. Fig. 4 Manufacturer Plate. GENERAL INFORMATION Continued If it is not clear which group There are two maintenance schedules that show Use the schedule that best describes your driving Where time and mileage are listed, follow the Mopar provides the Corporation vehicle. Fig. 1 International Symbols SAE 30 specifies a single viscos Service Grade specifications also apply to energy con Use engine oils that are API Service Certified. Refer to Group 9, Engine for engine oil specifica Wheel bearing lubricant is identified by the letter The letter following the usage letter indicates the The following symbols indi Engine Oil, With Filter.....4.3 L 4.5 qts.. Cooling System 2.4L Engine.....9.0 L 9.5 qts.. Cooling System 3.0L Engine.....9.5 L 10.5 qts.. Cooling System 3.3 or 3.8L Engine..9.5 L 10.5 qts.. Automatic Transaxle Service Fill.....3.8 L 4.0 qts.. Automatic Transaxle. Power Steering.....0.81 L 1.7 pts.. Fig. 2 API Symbol. Fig.

3 NLGI Symbol If it is not clear which group There are two maintenance schedules that show Use the schedule that best describes your driving Where time and mileage are listed, follow the Once a Month At Each Oil Change Not required if Not required if NOTE Operating vehicle more than 50% in heavy Inspection and service should also be performed CAUTION If the cause of starting problem on dis Turn off all accessories, set the parking brake, place Turn off all accesso BLACK clamp to neg Review all warnings in this procedure. Connect BLACK CAUTION Do not crank starter motor on disabled Fig. 1 Jumper Cable Clamp Connections BLACK cable clamp from battery negative terminal. Disconnect RED cable clamp from battery positive Do not attach towing device to front or rear sus Do not secure vehicle to towing device by the use Remove or secure loose or protruding objects Refer to state and local rules and regulations Do not allow weight of towed vehicle to bear on If a flat bed A towed vehicle should be raised until the lifted The steering column NS vehicles can be tied to a flat bed device using Fig. 2 Recommended Towing Devices CAUTION Do not use steering column lock to The steering column TO HOIST OR JACK VEHICLE SEE Fig. 3. Vehicles with factory installed ground effects are Fig. 3 HOISTING AND JACKING POINTS SAE Grade 10W30 oils are also acceptable when the Lubricants which have both an SAE grade number API quality or the CCMC G5 designation. To assure of properly formulated engine oils, it is recom Chrysler material standard MS6395, be used. European. Grade 10W40 oils are also acceptable. Oils of the SAE 5W30 or 10W30 grade number MANUAL TRANSMISSION FLUID A558 and A598. Models. Use only SAE 10W40 engine oils carrying the. European CCMCG5 classification to fill the A598 Transmission—5 Speed Manual..... 2.2 L Heater. Engine and nonengine related Maintenance Sched Gasoline Engine and nonengine related Maintenance. Schedules.

The service intervals are based on odometer read Schedule A lists all the sched Schedule B is the schedule for Once a Month At Each Oil Change Do not attach towing device to front or rear sus Do not secure vehicle to towing device by the use Remove or secure loose or protruding objects Refer to state and local rules and regulations Do not allow weight of towed vehicle to bear on If a flat bed A towed vehicle should be raised until the lifted Fig. 1 Recommended Towing Devices A 90 cm 36 in. length of 4x4 wood beam can be CAUTION Do not use steering column lock to A tow hook bolt, located in the rear interior trim The tow hook must be fully NOTE The tow hook bolt protective plug must be Fig. 2. SERVICE PROCEDURES Continued The method of checking front and rear wheel align With the exception that the wheel alignment specifi There are six basic factors which are the founda These

are vehicleOf the six basic factorsProcedure for the required steps to be followed. CAUTION Do not attempt to modify any suspenAlignment checks and adjustments should be madeCamber is the number of degrees the top of theInboard tilt is negative camExcessive camber is a tire wear factor negativeSee Front Wheel. Drive Specifications for Camber. settings. Toe is measured in degrees or inches and is theSee Front Wheel. Drive Specifications for Toe. settings. Fig. 1 Front Suspension Alignment AnglesFront End Growl Or Grinding On. TurnsFront End Clunk Or Snap On Turns 1. Loose lug nuts 1. Verify wheel lug nut torqueFront End Whine With Vehicle. Going Straight At A Constant SpeedFront End Growl Or Grinding With. Vehicle Going Straight At A. Constant SpeedFront End Whine When. Accelerating Or DeceleratingFront End Clunk When Accelerating. Or DeceleratingLateral Pull 1. Unequal tire pressure 1. Inflate all tires to recommendedExcessive Steering Free Play 1. Incorrect Steering Gear Adjustment 1. Adjust Or Replace Steering GearExcessive Steering Effort 1. Low tire pressure 1.

Inflate all tires to recommendedThe following partCaster and Camber after a vehicle is built or whenThus CasterIf front camber does not meet the vehicle alignService Kit developed to allow for camber adjustThis inspection must be done before using the. Mopar Service Kit for setting camber to theCAUTION Do not attempt to adjust the vehicles. Caster or Camber by heating, bending or by perNOTE Prior to reading each alignment specificaInduce jounce rear firstBumper should always be released when vehicle isCompare the vehicle's current alignment settings toThe kit contains 2 flangeIf either componentThen remove wheelCAUTION When removing the steering knuckleCAUTION The steering knuckle strut assemblyCAUTION When slotting the bottom mountingWhen grinding slot do notCAUTION After slotting the strut clevis bracketClevis Bolt Service Kit, into the top clevis bracket toInstall the cam boltAgain jounce front and rear of vehicle an equalAlignment Specifications in this group of the serviceFig. 2 Clevis Bracket To Steering Knuckle Attaching. Bolts. Fig. 3 Strut Clevis Bracket Bolt Hole Grinding Area. Fig. 4 Mopar Service Kit Bolts Correctly Installed. Fig. 5 Dog Bone Washer And Nuts Installed On. Attaching BoltsToe is adjustableCAUTION Do not twist front inner tie rod to steerAlignment Specifications in this group of the serviceRefer to the ride height specifications listed in theFig. 6 Camber Adjustment Cam Bolt. Fig. 7 Front Wheel Toe AdjustmentParts Catalog for the required service kit part number. If found to be out of specification check for proper ride heights and. If found to be out of specification check forRide heights are not adjustable. If found to be out of specificationDifference Not To Exceed.Not To. Exceed.TOE OUT When Backed On. Alignment Rack Is TOE In When.

DrivingVertical shockLower control arms are attached inboard to theAttachment ofDuring steering maneuvers, the strut and theThe cradle is used as theThe cradle also has the powerThe cradle is mounted to the front frame rails atWARNING If a threaded hole in the suspensionThe threaded holes in the cradle that areRefer to the Mopar. Parts Catalog for the specified HeliCoil threadThe front suspension of the vehicle is supported byThe springs are contained between an upper seat,The top of each strut assembly is bolted to theThe bottom of the strut assembly attaches to theCaster is aIn the event theThe strut assemblies on this vehicle are interconThe steering knuckleThe ball joint is pressed into the control arm andThe ball joint is lubricated for the life of the vehiJounce and rebound movements affecting oneAttachment of the stabilizer bar to the front susThe stabilizer bar to Mc PherAll parts of the stabilizerAll hub and bearing assemblies mount to the steerIf a hub and bearingThis unit is serviced only as a complete assembly. It is mounted to the steering knuckle by four mountFig. 1 Front Steering KnuckleDuring service proceduresNOTE If coil springs require replacement, be sureThe ball joint studIf a stud is removedUse the procedure and special tools shown in theThe hub and bearing assembly does not requireFig. 2 Ball Joint Assembly. Fig. 3 Mc Pherson Strut Assembly Inspection. Fig. 4 Strut Assembly Leakage InspectionBE REPLACED. If bent, broken or damaged in anyInspect lowerIf lower control arm showsThe serviceable components of the lower controlInspect bothIf the ball joint is worn the grease fitting willIf sway bar to front suspensionThe noise will generallyA road test ofFind a smooth level road surface and bring theWhen

vehicle is at a This will load and Where axle bearing damage is slight, the noise is Mopar Parts Catalog for this repair procedure.

These thread inserts have been specifically developed. The threaded holes in the front suspension cradle, the threaded holes that are repairable using this repair procedure now allow the threaded thread inserts for this application are specified. The specific tools and equipment required to install refer to the. Fig. 5 Checking Ball Joint Wear. NOTE The thread inserts for this application are TOOL REQUIREMENT FOR M8x1.25 Thread. Insert Driving Tang. TOOL REQUIREMENT FOR M10x1.5 Thread. Insert Driving Tang. See Hoisting in the Lubri. NOTE When removing nut from stud of stabilizer CAUTION The steering knuckle to strut assembly. Install the 3 upper. Fig. 6 Brake Hose And Speed Sensor Cable Routing. Fig. 7 Stabilizer Bar Link To Strut Attachment. Position arm of steering knuckle into strut assembly. Tighten the strut assembly to steering knuckle. Install stabilizer bar. NOTE When torquing nut on stud of stabilizer bar. See Hoisting in the Lubri. Fig. 8 Strut Damper Attachment To Steering. Knuckle. Fig. 9 Strut Assembly To Strut Tower Attaching. Nuts. Fig. 10 Torquing Stabilizer Bar Link To Strut. Attaching Nut. Fig. 12 Wave Washer. Fig. 13 Front Disc Brake Caliper Attaching Bolts. Fig. 14 Brake Caliper Mounting To Steering Knuckle. Fig. 15 Correctly Supported Disc Brake Caliper. When installing the. Fig. 17 Removing Tie Rod End Attaching Nut. Fig. 18 Tie Rod End Removal From Steering. Knuckle Arm. Fig. 19 Front Wheel Speed Sensor. Fig. 20 Wheel Stop Location On Steering Knuckle. NOTE Care must be taken not to separate the. Do not allow CAUTION The steering knuckle to strut assembly. Hub And Bearing Assembly Service in this section of CAUTION The steering knuckle to strut assembly. Fig. 21 Control Arm To Steering Knuckle. Attachment. Fig. 22 Separating Ball Joint Stud From Steering. Fig. 23 Steering Knuckle Separation From Driveshaft. Fig. 24 Strut To Steering Knuckle Attaching Bolts. Now customize the name of a clipboard to store your clips. Please try again. Please try again. Please try again later.

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The two bench seats in the rear were independently removable, and the large three-person bench could also be installed in the second-row location via a second set of attachment points on the van's floor, ordinarily hidden with snap-in plastic covers. This configuration allowed for conventional five-person seating with a sizable cargo area in the rear. The latching mechanisms for the benches

were easy to operate although removing and replacing the seats typically required two adults. This configuration was subsequently dropped. Base model curb weight 2,910 lbs. However, the two front seats were equipped with nonadjustable headrests on the LE model and in conjunction with vinyl upholstery on the SE. Side-impact reinforcements were mandated and were at all seating positions front and rear. Neither airbags nor antilock braking systems were available. To facilitate variable cargo storage behind the rear seat, the seat could be adjusted forward in two increments, the first of which removed roughly 6 inches 150 mm of legroom from the back row passengers, and the second of which would push the bench all the way to the back of the second row, making the seats unusable. The seatback of the rear bench could also be folded forward, providing a flat cargo shelf. The smaller 2nd-row bench was not adjustable, nor foldable; it could only be removed entirely. The hatch was hinged at the top and held open by gas struts. It allowed more cargo space behind the rear seat. It was initially available with the short wheelbase; a long-wheelbase variant was introduced alongside the Grand Caravan. The Plymouth Voyager, which was a rebadged version of the Caravan, was also available with a manual transmission. The Ultradrive offered better fuel economy and responsiveness, particularly when paired with the inline-four engine. Alongside the 2.2 L, an optional Mitsubishi 2.6 L engine was available, producing 104 hp 78 kW horsepower.

Revisions to the Mitsubishi V6 upped its output to 142 hp 106 kW that same year, and in 1990 a new 150 hp 110 kW 3.3 L V6 was added to the option list. The V6 engines became popular as sales of the 2.5 L turbo dwindled and it was dropped at the end of the year. In these years, the ES model debuted short-wheelbase only to highlight the new engines, the turbo 2.5 in particular. The ES was introduced to the long-wheelbase Grand Caravan for 1991 and continued throughout 2003 before it was discontinued and replaced with the SXT. Intended as an extensive revision of the 1984-1990 generation, while the chassis underpinnings were carried over renamed the Chrysler AS platform, the only shared body panels were the front doors and sliding door. To further differentiate the Caravan from the Plymouth Voyager, the two model lines received different wheel covers, with chrome trim on the Caravan restricted to the grille and Chrysler Pentastar hood ornament. These seats continued as an available option through Generation V until they were discontinued in 2010. A conventional door handle and lock was added to the rear hatch, eliminating the confusing pop-and-lift maneuver which had been required on earlier models. In those areas, the 3.3 L engine was offered as the V6 option from 1997 through 2000. This package was offered on various trim levels, and included Platinum Metallic paint, and fender badges. Changes for the 1997 model year were minor, adding traction control as an option or standard equipment, depending on trim level, along with the reintroduction of optional all-wheel drive. The Caravan received more minor updates in 1997 for the 1998 model year. These changes came in the form of new colors, new wheels for trims above SE, new interior fabric, optional heated seats, and automatic headlights on higher trim levels. In calendar year 1998, the Caravans HVAC vents on the driver's side and center of the dashboard were updated to have a more conventional design.

Later that year, the 1999 Caravan received new front styling on all trims above SE, while the Sport and ES models received even sportier styling. A cargo net between the driver and front passenger seats was added. Color-keyed door and liftgate handles were made standard on SE models, in addition to a new keyless entry remote. Base and SE models had options for a spoiler as well as color-keyed bumpers and trim grey or color-molded bumpers and trim were standard. The driver's side sliding door became standard. Package 28D added power front windows with automatic driver's side window, ignition delay, glove box, and an ashtray. The EPIC was powered by 28 12-volt NiMH batteries and was capable of traveling up to 80 miles 130 km on a single charge. The EPIC was sold as a fleet-only lease vehicle. Production of the EPIC was discontinued in 2001. Only a few hundred of these vehicles were produced and sold. After the leases expired they were returned and crushed. Approximately 10 vans remain in private hands today. In the side-impact test, it received 5 stars for the driver, and 3 stars for the rear occupant, and resulted in a fuel leak that could cause a fire

hazard. The Voyager XG was more rugged, featured a diesel engine and manual transmission, and included many outdoor amenities, such as a built-in ice pack. The Pacifica actually did come to be in 2004, based on the fifth-generation Caravan, except that it became a crossover SUV rather than a minivan; the nameplate was eventually applied to a minivan in 2016. When installed, the seats are latched to floor-mounted strikers. When unlatched, eight rollers lift each seat, allowing it to be rolled fore and aft. Tracks have locator depressions for rollers, to simplify installation. Ergonomic levers at the seatbacks release the floor latches singlehandedly, without tools, and raise the seats onto the rollers in a single motion. Additionally, seatbacks were designed to fold forward.

Seat roller tracks are permanently attached to the floor and seat stanchions are aligned, facilitating the longitudinal rolling of the seats. Bench seat stanchions were moved inboard to reduce bending stress in the seat frames, allowing them to be lighter. Design work was done by Brandon Faurote from January 1997 and reached production approval in 1998. The Mitsubishi 3.0 L V6, which no longer met emissions standards in California and the northeastern U.S., was discontinued, and a more powerful 3.8L engine, based on the 3.3L, became available. All Wheel Drive continued to be offered on high-end models. Other innovative available features included remote-operated sliding doors and rear hatch, which could be opened and closed at the push of a button, either inside the vehicle or with the keyless entry fob. Minor changes were made to the Grand Caravan ES including many of the features included in Option Group 29S becoming standard, the 17-inch Titan Chrome wheels no longer being an option replaced with standard 16-inch chrome wheels, and the disappearance of the AutoStick Transmission option. This year also saw the appearance of an optional factory-installed rear-seat DVD system with a single-disc player mounted below the HVAC controls. This package was offered on higher-level SXT models and included chrome wheels, body-color moldings, special interior accents, as well as a unique fender badge. Chinese vans were equipped with Mitsubishi 6G72 engines and came in three trim levels Classic, SXT, and Luxury. Package 25H added dual-zone air conditioning, glove box and ashtray lights, headlamp off delay. Later replaced by the SXT package. The rear passengers, however, could leave this accident unharmed, as there is a low risk of significant injury in a crash of this severity for them. It was marketed as Stow N Go and was available exclusively on long-wheelbase models. Beginning with Generation V in model year 2008, Chrysler only made the long-wheelbase Grand Caravan.

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