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2002 mazda millenia repair manual

Gasoline containing alcohol, such as ethanol or methanol, may be marketed under the name "Gasohol". J76Y.book Page 21 Wednesday, March 27, 2002 5:04 PM Page 62 of 2443-22 Knowing Your Mazda Form No. 8Q47-EA-01F Steering Wheel and Mirrors Auto-Tilt Steering Wheel To change the angle of the steering wheel, stop the vehicle, put the ignition switch in the ON position and push the switch to adjust the steering column up or down.Push in the AUTO button to activate the auto-tilt function. A resulting fire could cause serious injury or death. •Check all warning lights when the ignition switch is turned to the ON position. Upon introduction, the \$28,875 FS is equipped with a standard 2.5L, 6-cylinder, engine that achieves 20-mpg in the city and 28-mpg on the highway. 4- 9 Overloading Search in MAZDA MODEL MILLENIA 2002 (in English) ... With this Mazda Millenia Workshop manual, you can perform every job that could be done by Mazda garages and mechanics from: changing spark plugs, brake fluids, oil changes, engine ... WARNING View from above Side viewStay Stay J76Y.book Page 24 Wednesday, March 27, 2002 5:04 PM Page 65 of 2444-1 Form No. 8Q47-EA-01F 4Before Driving Your Mazda Important information about driving your Mazda. Never adjust the steering wheel while the vehicle is moving. It has a displacement of just 2.25 litres, less than many mainstream four-cylinder engines. Don't stack things higher than the seatbacks. •Keep the engine tuned. •Don't drive your Mazda with any sign of engine malfunction. This gas contains carbon monoxide (CO), which is colorless, odorless, and poisonous. NOTE If your forward view is obstructed by the mirror or the sunvisor hits the mirror, adjust the mirror stay to the center-horizontal position. When your vehicle is stopped with the windows closed and the engine running for a long time in an open area, exhaust gas, which contains poisonous carbon monoxide, could enter the cabin. •Open the trunk lid with the key. 4- 6 Break-In Period 4- 10 Trailer Towing 4- 5 Before Getting In So don't wait any longer - get the 2002 Mazda Millenia All Models Service And Repair Manual today and get your car running in no time! More Information Categories Cars Brand MAZDA Model MILLENIA Manual Type Technical Service Repair manuals \$35.99 Original price was: \$35.99.\$33.39Current price is: \$33.39. After Getting In J76Y.book Page 5 Wednesday, March 27, 2002 5:04 PM Page 70 of 2444-6 Before Driving Your Mazda Form No. 8Q47-EA-01F Driving Tips No special break-in is necessary, but a few precautions in the first 1,000 km (600 miles) may add to the performance, economy, and life of your Mazda. In order to prevent dangerous operations and damage to your car, please be sure to follow the instructions thoroughly. CAUTION J76Y.book Page 2 Wednesday, March 27, 2002 5:04 PM Page 67 of 2444-3 Before Driving Your Mazda Fuel and Engine Exhaust Precautions Form No. 8Q47-EA-01F Your vehicle is equipped with an emission control system (the catalytic converter is part of this system) that enables your vehicle to comply with existing exhaust emissions requirements. The alarm will not come on and the system will remain armed. 2.5 liter V6 DOHC You may use a regular unleaded fuel with Octane Rating from 87 to 90 (91 to 95 RON) but this will slightly reduce performance. •Keep the tires properly inflated. •Use the air conditioner only when necessary. What you see in the convex mirror is closer than it appears. •Check all gauges. Never add cleaning agents other than those specified by Mazda. Be sure to look over your shoulder or to check your inside mirror before changing lanes. Stop using gasohol of any kind if your vehicle engine is performing poorly. Never park over or near anything inflammable. The common gasoline blend that can be used with your vehicle is ethanol blended at no more than 10%. Pull it back to reduce glare from headlights. Damage to your vehicle may occur when ethanol exceeds this recommendation, or if the gasoline contains any methanol. Folding the mirror Fold the outside mirror rearward until it is flush with the vehicle. WARNING J76Y.book Page 4 Wednesday, March 27, 2002 5:04 PM Page 69 of 2444-5 Before Driving Your Mazda Form No. 8Q47-EA-01F Before Starting the Engine •Be sure the windows, outside mirror(s), and outside lights are clean. It also includes instructions on how to diagnose and repair any problems you may have with your vehicle. The exhaust pipe could be blocked by the snow, allowing exhaust gas to enter the cabin. They contain technical data, diagrams, a. ... This 2002 Mazda Millenia All Models Service And Repair Manual (CA022540) provides comprehensive instructions and diagrams for the do-it-yourself mechanic. 4- 7 Rocking the Vehicle It includes detailed illustrations, step-by-step written instructions with the necessary diagrams or pictures, and specifications to completely repair your vehicle. Technical specs: Class: executive car; Platform: Mazda T platform; Layout: front-engine, front-wheel drive; Body style: 4-door sedan; Wheelbase: 108.3 in (2,751 mm); Length: 189.9-191.6 in (4,821-4,867 mm); Width: 69.7 in (1,770 mm); Height: 54.9 in (1,394 mm); Engines: 2.0L KF-DE V6 produced 140 hp (104 kW) and 132 lb-ft (179 N-m); 2.0L KF-1KF-ZE V6 produced 160 hp (119 kW) and 132 lb-ft (179 N-m); 2.3L KJ-ZEM V6 produced 217 hp (162 kW) and 210 lb-ft (285 N-m); 2.5L KL-DE V6 produced 164-174 bhp (122-130 kW); 2.5L KL-ZE V6 produced 200 hp (149 kW) and 165 lb-ft (224 N-m). Transmissions: 4-speed G4A-EL automatic, 4-speed LJA-EL (Jatco REAF04A) automatic; 5-speed manual. Power control mirror The ignition switch must be in the ON position. Do this with the day/night lever in the day position. •Avoid unnecessary hard stops. •Don't race the engine. •Look under the vehicle for any sign of a leak. Move the selector switch to the left or right to choose the mirror.2. Depress the perimeter switch in the appropriate direction. File Format PDF File Language English You'll Get 57.7 MB Page Count 1,252 Wiring Diagram Included Delivery Method Instant Download Sample Pages: 1996-2002 Mazda Millenia Repair Manual CAUTION: Please note that this manual is made for the use of persons who have special techniques and certifications. •Insert the key into the ignition switch and turn it to the ON position. Automatic transmission is standard. 4- 5 Driving Tips See Maintenance, Section 8. The \$31,075 S is equipped with a standard 2.3L, 6-cylinder, engine that achieves 20 mpg in the city and 28 mpg on the highway. 4- 2 Fuel Requirements Leaded fuel is harmful to the catalytic converter. After adjusting the mirror, lock the control by moving the selector switch to the middle position. •Avoid long warm-ups. •Gasohol containing more than 10% ethanol. Open the windows or adjust the heating or cooling system to draw fresh air. You'll get procedures, specifications, part numbers, illustrations, wiring diagrams, and more. Your rear view will be restricted, and you could have an accident. •Don't operate the engine at high idle for more than 5 minutes. It provides accurate, reliable information based on the original service materials from the manufacturer. It could also cause engine knocking and serious engine damage. With this manual, you can easily identify and fix any issues with your car, saving you time and money in the long run. It also comes with a so you can get a better idea of what you can expect. Other cleaning agents and additives may damage the system. Theft-Deterrent Labels Labels indicating that your vehicle is equipped with a Theft-Deterrent System are in the glove box. Moving it can very easily cause the driver to abruptly turn to the left or right. •Press the UNLOCK button or button on the keyless entry system transmitter. •Don't rest your foot on the brake pedal while driving. 4- 4 Before Starting the Engine All inspections and adjustments must be made by a qualified technician. Get the 2002 Mazda Millenia All Models Service & Repair Manual and keep your car running in top shape. Any loss of steering or braking control could cause an accident. •Release the parking brake and make sure the brake warning light goes off. Used only in the Mazda Millenia (sold as the Xedos 9 in Europe), the KJ-ZEM is definitely not your typical V6 engine. When you remove the key from the ignition, the steering wheel will move up, away from the driver. If you smell exhaust gas inside your vehicle, keep all windows fully open and contact an Authorized Mazda Dealer immediately. Once the engine runs smoothly, begin driving. Mazda is well known for its use of the Wankel rotary engine, especially in the RX-7 and RX-8. It can block your view in the rearview mirror, which might cause you to hit another car when changing lanes. But what made the KJ-ZEM particularly unique was its unconventional combustion cycle. Loss of consciousness or even death could occur. Steering Wheel Adjusting the Steering Wheel: Adjusting the steering wheel while the vehicle is moving is dangerous. Idling with the Windows Closed: Exhaust gas is dangerous. Whether you're an industry professional or a DIY mechanic, it's the perfect addition to any toolbox.Base, 2.5L V6, GasS, 2.3L V6, Supercharged GasService and Repair ProceduresSpecificationsParts Numbers and IllustrationsComponent LocationsFluids and LubricantsWiring DiagramsTechnical Service BulletinsVehicle and EquipmentRecallsMaintenance SchedulesEstimated Labor TimesDiagnostics and TroubleshootingSafety Precautions Are you looking for a reliable, comprehensive and easy-to-use service and repair manual for your 2002 Mazda Millenia? •If you plan to back up, make sure nothing will be in your way. •Are all doors closed and locked? •Don't descend steep grades in gear with the ignition switch turned off. Don't run the engine when inside an enclosed area. WARNING CAUTION J76Y.book Page 3 Wednesday, March 27, 2002 5:04 PM Page 68 of 2444-4 Before Driving Your Mazda Fuel and Engine Exhaust Precautions Form No. 8Q47-EA-01F Engine Exhaust (Carbon Monoxide) Carbon Monoxide: Engine exhaust is dangerous. •Avoid fast starts. 4- 3 Engine Exhaust (Carbon Monoxide) 1992-2002 Mazda Millenia repair manual 1992-2002 Mazda Millenia wiring diagrams Free Mazda repair manuals The 2002 Mazda Millenia service and repair manual from Repair Surge is the ultimate reference guide. Always return the outside mirrors to the driving position before you start driving. •Don't carry unnecessary weight. Mazda is a car company that isn't scared to think outside the box, especially when it comes to inventing engines. •Don't coast with the ignition switch turned off. Push the lever forward for day driving. Never turn off the engine and coast down a hill. 4- 5 After Getting In When inhaled, it can cause loss of consciousness and death. •Keep windows closed at high speeds. Break-In PeriodMoney-Saving Suggestions Coasting: Turning off the engine to coast down a hill is dangerous. Engines Covered: - The Miller Cycle V6 in the Mazda Millenia is one of the most rarest and fascinating engines ever made. •Is everyone's seat belt fastened? WARNING J76Y.book Page 6 Wednesday, March 27, 2002 5:04 PM Trending: wheel alignment, service indicator, CD player, radio controls, service, key battery, mirror controls This is the original OEM workshop document for the 1996-2002 Mazda Millenia repair manual in PDF. The Mazda Millenia was introduced in 1992. •Slow down when driving in crosswinds and headwinds. Exhaust gas, which contains poisonous carbon monoxide, could easily enter the cabin. It provides accurate, reliable information based on the original service materials from ... These manuals provide comprehensive instructions and procedures for fixing problems in your vehicle, covering all models and repairs A-Z. Content: general information; maintenance; common specs & procedures; DTC index (trouble codes); accessories & equipment; body & frame; brakes; driveline/axles; electrical; wiring diagrams; engine; engine performance; HVAC; lighting; restraints; steering; suspension; transmission. 4- 7 Winter Driving NOTE Under U.S. federal law, any modification to the original-equipment emission control system before the first sale and registration of a vehicle is subject to penalties. Before Getting In NOTE Engine oil, engine coolant, brake fluid, washer fluid, and other fluid levels should be inspected daily, weekly, or at refueling, depending on the fluid. Mirrors Convex Mirror (Passenger Side): Changing lanes without taking into account the actual distance of the vehicle in the convex mirror is dangerous. Rearview Mirror (With Day/Night Function) Before driving, adjust the rearview mirror to center on the scene through the rear window. Exhaust Gas in Enclosed Area: Running the engine inside an enclosed area, such as a garage, is dangerous. •Don't drive constantly at full-throttle or high engine rpm for extended periods of time. •Gasoline or gasohol containing methanol. •USE ONLY UNLEADED FUEL. Electrical Wiring Diagrams, Engine and Transmission Rebuild Manuals. Either condition will damage the converter and cause poor performance. NOTE If you have any problem with the theft- deterrent system, consult an Authorized Mazda Dealer. To a d j u s t : 1. Look no further! The 2002 Mazda Millenia All Models Service And Repair Manual is your one-stop solution for all your repair and maintenance needs. Ignoring the following precautions could cause lead to accumulate on the catalyst inside the converter or cause the converter to get very hot. Free Mazda Millenia repair manuals [pdf] for do-it-yourselfers. This causes the loss of power steering and power brake control. However, there is one incredibly bizarre Mazda engine you may not have heard of: the supercharged V6 KJ-ZEM. Snow Blocking the Exhaust Gas: Running the engine when a vehicle is stopped in deep snow is dangerous. It contains detailed illustrations, step-by-step instructions and diagrams, making it an invaluable resource for mechanics and DIYers alike. To Stop an Alarm A triggered alarm can be turned off by any one of the following methods: •Unlock a door with the key. •Never add fuel system additives. 4- 8 Driving In Flooded Area •Don't tamper with the emission control system. Always be thoroughly familiar with your Mazda. Even with the engine turned off, the exhaust system could ignite if because the exhaust system gets very hot during normal use. •Inspect inflation pressures and condition of tires. This can lead to loss of control or an accident. 4- 6 Money-Saving Suggestions •Slow down on rough roads. •Keep the wheels in correct alignment. 4-10 J76Y.book Page 1 Wednesday, March 27, 2002 5:04 PM Page 66 of 2444-2 Before Driving Your Mazda Form No. 8Q47-EA-01F Fuel and Engine Exhaust Precautions Vehicles with catalytic converters must use ONLY UNLEADED FUEL, which will reduce exhaust emissions and keep spark plug fouling to a minimum. The manual is compatible with all versions of Windows and Mac, and is printable so you can take it with you to the garage or workshop. This manual is presented in an electronic format and can be printed out as and when you need it. Consult an Authorized Mazda Dealer. •Don't maintain one constant speed for long. In fact, it was the first mass-produced passenger car engine to run on the Miller cycle. •Do all the lights work? *U.S. federal law requires that octane ratings be posted on gasoline station pumps. 4- 2 Emission Control System This will result in a malfunction of the emission control system, causing poor performance. Emission Control System Parking Over Things That Burn: Parking over or near anything inflammable, such as dry grass, is dangerous. Clear the snow from underneath and around your vehicle before starting the engine. It includes detailed ... View, print and download for free: MAZDA MODEL MILLENIA 2002 (in English) Repair Manual, 244 Pages, PDF Size: 7.86 MB. More recently, the company announced its revolutionary SkyActiv-X family of engines, which could potentially rival electric vehicles in terms of 'well-to-wheel' emissions. This manual covers all aspects of repair and maintenance, from engine to control ... Mazda Millenia owners manual covering weekly checks; Mazda Millenia workshop manual covering Lubricants, fluids and tyre pressures; Mazda Millenia service PDF's covering routine ... The 2002 Mazda Millenia service and repair manual from Repair Surge is the ultimate reference guide. Because exhaust gas contains poisonous carbon monoxide, anyone in the cabin could be injured or killed. NOTE The trunk lid can be opened with the key or the transmitter even when the system is armed. About Mazda Millenia The 1996-2002 Mazda Millenia is a 4-door, 5-seat Sedan, available in 4 trims, ranging from the PS to the S. In that case, this may cause severe injury to you or other persons nearby and also cause damage to your vehicle. Fuel and Engine Exhaust Precautions Mazda recommends that you affix them to the lower rear corner of the front door windows. Your Mazda will perform best with fuel listed in the table. Fuel with a lower rating could cause the emission control system to lose effectiveness. WARNING Selector switch Perimeter switch J76Y.book Page 23 Wednesday, March 27, 2002 5:04 PM Page 64 of 2443-24 Knowing Your Mazda Steering Wheel and Mirrors Form No. 8Q47-EA-01F Mirror defroster To turn on the mirror defroster, turn the ignition on and push the rear window defroster switch (page 5-36). Fuel Requirements Fuel Octane Rating* (Anti-knock index) Premium unleaded fuel 91 [(R+M)/2 method] or above (96 RON or above) •USE ONLY UNLEADED FUEL. •Leaded fuel or leaded gasohol. Driving with Mirrors Folded In: Driving with the outside mirrors folded in is dangerous. Gasoline blended with oxygenates such as alcohol or ether compounds are generally referred to as oxygenated fuels. It covers all models and repairs from A-Z, including maintenance, engine, control system, mechanical, fuel service specifications, emission control, intake/exhaust cooling, lube, ignition/starting/charging, auto transmission/clutch, manual transmission, transfer/propeller shaft, drive shaft, differential, axle/suspension, tire & wheel, brake control, brake, parking brake, steering column, power steering, air condition, supplemental restraint system, seat belt, engine immobilizer, cruise control, wiper & washer, door lock, meter/audio/visual, horn, windshield/glass mirror, instrument panel, seat, engine hood/door, exterior & View larger image Show full description Hide full description 5,521,897 Happy Clients2,594,462 eManuals1,120,453 Trusted Sellers15 Years in Business Physical Address: 1201 Orange Street, Wilmington, DE, 19899, United States Telephone Number: +1 641-715-3900 - Ext: 464145 Email Address: support@manualonline.com © 2024 Emanual Online | All rights reserved Manufacturer: MAZDA, Model Year: 2002, Model line: MODEL MILLENIA, Model: MAZDA MODEL MILLENIA 2002 Pages: 244, PDF Size: 7.86 MB MAZDA MODEL MILLENIA 2002 (in English) Repair Manual MODEL MILLENIA 2002 MAZDA MAZDA MAZDA MODEL MILLENIA 2002 (in English) Repair Manual Trending: inflation pressure, alternator, dead battery, oil change, child lock, trailer, lights 3- 21 Knowing Your Mazda Security System Form No. 8Q47-EA-01F To Tu r n o f f a n n A r m e d S y s t e m An armed system can be turned off by any one of the following methods: •Unlock a door with the key. •Don't try to push-start or pull-start your vehicle. WARNING Day/Night lever Day Night Blocked View: Cargo stacked higher than the seatbacks is dangerous. •Your vehicle can only use oxygenated fuels containing no more than 10% ethanol by volume. The manual covers all aspects of repair and maintenance, from engine to control systems, mechanical to fuel service specifications, and emission control to intake and exhaust cooling. •Avoid full-throttle starts.How you operate your Mazda determines how far it will travel on a tank of fuel. Vehicle damage and drivability problems resulting from the use of the following may not be covered by the Mazda warranty. Download free Mazda Millenia repair manuals pdf online: Mazda Millenia 1992-2002. The lead will accumulate on the oxygen sensor and the catalyst inside the converter. 4- 6 Hazardous Driving This 2002 Mazda Millenia All Models Service And Repair Manual (CA022540) provides comprehensive instructions and diagrams for the do-it-yourself mechanic. Follow the maintenance schedule (page 8-3) and have an Authorized Mazda Dealer perform inspections and servicing. The steering wheel will move back to its position before the key was removed, when the key is returned to the ignition. Use these suggestions to help save money on fuel and repairs. WARNING Up Down J76Y.book Page 22 Wednesday, March 27, 2002 5:04 PM Page 63 of 2443-23 Knowing Your Mazda Steering Wheel and Mirrors Form No. 8Q47-EA-01F Outside Mirrors Check the mirrors' angles before driving. In some states, such modification made on a used vehicle is also subject to penalties. Suppose non-specialized or uncertified technicians perform repairs or services only using this manual or without proper equipment or tools. •Are the inside and outside mirrors adjusted? 2002 Mazda Mazda Millenia - Auto Repair Manuals and Service Manuals All Makes and Models 100% Free Online. You could have a serious accident. •Press the UNLOCK button on the keyless entry system transmitter. Each Mazda Millenia repair manual contains the detailed description of works and wiring diagrams...

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