Kia soul 2016 owners manual



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KIA, Select Model Year: All, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2016, 2016, 2017, 2018, 2019, 2020, 2021, 2022KIA 2016, Select Model:List of KIA Soul 2016 2.G Manuals: KIA Soul 2016 2.G Soul 2016 2.G Soul 2016 2.G KIA KIA 2016-01-01 Recent Searches in KIA Manual, engine KIA Rondo 2015 3.G Manual, PDF, engine KIA Rondo 2015 3.G Manual, Reservoir KIA Cerato 2010 1.G Owner's Manual, Side KIA Cerato 2010 2.G Owner's Manual, Side KIA Cerato 2010 2.G Owner's Manual, Reservoir KIA Cerato 2010 2.G Owner's Manual, Side KIA Cerato 2010 2.G Owner's Manual, Side KIA Cerato 2010 2.G Owner's Manual, Reservoir KIA Cerato 2010 2.G Owner's Manual, Side KIA Cerato 2 1.G Manual Online, reset button KIA Sorento 2017 3.G Owner's Manual, alarm KIA Soul 2013 1.G Owner's Manual, engine KIA Sedona 2016 3.G Owner's Manual, engine KIA Sedona 2016 3.G Owner's Manual Page 2 Kia, THE COMPANY Thank you for becoming the owner of a new Kia vehicle. As a global car manufacturer focused on building high-quality vehi- cles with exceptional value, Kia Motors is dedicated to providing you with a customer service experience that exceeds your expectations. Page 3 Thank you for choosing a Kia vehicle. The information and specifications provided in this manual were accurate at the time of printing. Kia reserves the right to When you require service, remember that your Kia dealer discontinue or change specifications or design at any time knows your vehicle best. How To Use This Manual We want to help you get the greatest You will find various types of safety possible driving pleasure from your instructions in this manual. These vehicle. Your Owner's Manual can instructions were prepared assist you in many ways. We strong- enhance your personal safety. Electric Vehicle Guide Review of Electric Vehicle / High voltage battery / Charge / Driving Electric Vehicle Ata collection and event data recorders Your vehicle at a glance Exterior overview / Instrument panel overview / Motor room compartment Safety features of your vehicle Seats / .....8 ECO Driving ...... ..9 ■ Setting Charging Times. Page 9 REVIEW OF ELECTRIC VEHICLE Battery Information • The vehicle is composed of a high voltage battery that drives the motor and air-conditioner, and audio sys- tem. • The auxiliary battery is automati- cally charged when the vehicle is in the ready () mode or the high... MAIN COMPONENTS OF ELECTRIC VEHICLE Main Components of Electric vehicle to operate (12 V Junction Block auxiliary battery provides power to the vehicle features such as lights and wipers). Page 11 • The charge amount of the high volt- recommend that you contact an age battery may gradually decrease authorized Kia dealer for inspect kept at SOC 0% for a operation. cluster gauge. If the vehicle is authorized Kia dealer to inspect kept at SOC 0% for a long peri- whether the high voltage battery The high voltage battery warmer sys- od, it may damage the high is still connected. EV MODE EV Mode (if equipped) Available Range, Near by OPSE0Q4003N stations, Energy information, ECO Name Description If you select the "EV" menu at the driving, Set timings for Charging Reachable area Green or press the "EV"... EV MODE E Rearched. Depending on the sym- and power consumption. drive system, climate and electri- bol color of the station, it is catego- cal components are displayed rized as Reachable area, Risky area... EV MODE E Set Charging Times Driving History You can check ECO level information This is a feature that starts charging You can check the driving date and ECO driving history. the battery on the date and time that driving distance, and the aver- is designated by the user. Page 16 EV MODE Setting is saved and setting informa- Description tion is displayed on the screen. This is a feature that automatically When selecting the list again, change starts climate control on the reserved the setting. Description day and time along with the tempera- If you do not want use the reserved... EV MODE – Destination Unreachable Warning is the EV route on the map. a warning message is displayed. CHARGE TYPES FOR ELECTRIC VEHICLE Charging Information Charging Time Information • Normal Charge : bility of the high voltage battery, charg- We recommend using normal Takes about 4-5 hours at room tem- er specifications, and ambient temper- charging for usual charging of the perature (depending on charger) for... Page 19 CHARGE TYPES FOR ELECTRIC VEHICLE Charging Types Charging Inlet Category Charging Time (Vehicle) Approx. 4-5 hours Use the normal (208V - 5.5kW: 5h charger that is Normal 10min, 240V - 6.3kW: installed in your 4h 30min. CHARGE INDICATOR LAMP FOR ELECTRIC VEHICLE Charging Status Information and trickle an Charging (if equipped) • You can set-up a charging sched- • When reserved charging is not initiated immedi- ule for your vehicle through the UVO audio control unit, the UVO audio control unit, the UVO ately when the normal charger or EV Services App, or by logging portable charging cable (ICCB: In- into MyUVO.com. Page 22 RESERVED CHARGING After Deactivate Reserved Charge button [] has been pressed (pressed position), you can charge the battery at any given time. To change the status to reserved Charge button [] again (not pressed position). \*... RESERVED CLIMATE CONTROL Reserved Climate Control (if equipped) \* Lamp ON Conditions • You can set reserved climate control set- mation about the reserved clim WARNING - Fires caused - Interference by dust or water with electronic medical devices Do not connect the charging cable connector plug to the When using medical electric vehicle if there is water or dust devices such as an implantable charging inlet. Page 25 PRECAUTIONS FOR CHARGING ELECTRIC VEHICLE • Comply with the following in order WARNING WARNING - Touching the - Charging to prevent electrical shock when charging connector cable charging: Do not to touch the charging plug, and when find... Page 26 PRECAUTIONS FOR CHARGING ELECTRIC VEHICLE • Always keep the charging connec- WARNING - Cooling fan tor and charging plug in clean and dry condition. Be sure to keep the Do not touch the cooling fan charging. CHARGING ELECTRIC VEHICLE (NORMAL CHARGE) Normal Charge 3. Press the charging door open I Normal Charger switch [] to open the charging door. Charging door open switch can be operated only when vehi- cle is turned off. 4. If you cannot open the charging door due to freezing weather : 1) Remove any ice near the charg- ing door. Page 28 CHARGING ELECTRIC VEHICLE (NORMAL CHARGE) CAUTION - Charging Connector Door To avoid damage to your vehi- cle, do not attempt to connect the charging connector to your vehicle without first opening the door to the charging connector. OPSE0Q4013 5. Open the charging door and press 7. Page 29 CHARGING ELECTRIC VEHICLE (NORMAL CHARGE) • You can start charging when the Power button is in the OFF posi- tion and the shift lever is in P (Park). After charging has started, you can use electrical compo- nents such as the radio by press- ing the Power button to the ACC or ON position. CHARGING ELECTRIC VEHICLE (NORMAL CHARGE) Depending on the condition and 11. You may prevent possible charg- durability of the high voltage battery, ing cable theft by taking the fol- charger specifications, and ambient lowing steps. Lock the door after temperature, the time required for the charging cable is connected, charging the battery may vary. CHARGING ELECTRIC VEHICLE (NORMAL CHARGE) Operation of Charging Indicator Lamp Details (OFF) (OFF) Not Charged Blinking (OFF) (OFF) 0~33% (ON) Blinking (OFF) Charging 34~66% (ON) Blinking 67~99% (ON) Charging complete (ON) (ON) (100%) (turns OFF OPSE075034 OPSE0Q4008 in 3 seconds) ... Page 32 CHARGING ELECTRIC VEHICLE (NORMAL CHARGE) CAUTION In order to disconnect the charging connector, release the door lock to unlatch the charging connector lock system. If not, the charging connector and the vehicle's charging inlet may be damaged. 2. Hold the charging connector han- OPSE0Q4034 dle and pull it while pressing the ... CHARGING ELECTRIC VEHICLE (QUICK CHARGE) Quick Charger when due a When the vehicle is fully charged, do not charge the vehicle. Page 34 CHARGING ELECTRIC VEHICLE (QUICK CHARGE) 3. Press the charging door open switch [] to open the charging door open the charging door ice near the charging door. Page 35 CHARGING ELECTRIC VEHICLE (QUICK CHARGE) \* Refer to the manual for each type 9. If you charge and remove the charger. 83%), it will charge up to 94%. (Takes an additional 15 minutes at \*... CHARGING ELECTRIC VEHICLE (QUICK CHARGE) \* During cold weather, quick charg- ing may not be available to prevent high voltage battery degradation. • You can start charging when the Power button is in the OFF posi- tion and the shift lever is in P (Park). CHARGING ELECTRIC VEHICLE (QUICK CHARGE) Operation of Charging CAUTION Indicator Lamp Details Depending on the condition and durability of the high voltage battery, charger specifications, (OFF) ( plug When disconnecting the charge ing connector, do not try to dis- connect it by force while not pressing the release button. This may damage the charging connector and vehicle charging connector and vehicle (code set) Plug Electric Outlet OPSE0Q4021 OPSE0Q4021 OPSE0Q4023 I How to Connect Portable Trickle Charge can be used when 2. Check if every LED lamp on the Normal Charge is Charging Cable control box is turned on for 0.5... Page 40 CHARGING ELECTRIC VEHICLE (TRICKLE CHARGE) 5. Press the charging door open switch [] to open the charging door. Charging door open switch can be operated only when vehi- cle is turned off. 6. If you cannot open the charging door due to freezing weather : 1) Remove any ice near the charg- ing door. Page 41 CHARGING ELECTRIC VEHICLE (TRICKLE CHARGE) CAUTION - Charging Connector Door To avoid damage to your vehi- cle, do not attempt to connect the charging connector to your vehicle without first opening the door to the charging connector. OPSE0Q4013 OPSE0Q4044 9. Open the protective cover of the 11. Charging starts automatically. Page 42 CHARGING ELECTRIC VEHICLE (TRICKLE CHARGE) • You can start charging when the Power button is in the OFF position and the shift lever is in P (Park). After charging has started, you can use electrical components such as the radio by pressing the Power button to ACC or ON posi- tion. CHARGING ELECTRIC VEHICLE (TRICKLE CHARGE) Depending on the condition and 14. You may prevent possible charg- durability of the high voltage battery, ing cable theft by taking the fol- charger specifications, and ambient lowing steps. Lock the door after temperature, the time required for the charging cable is connected, charging Indicator Lamp Details (OFF) (OFF) Not Charged Blinking (OFF) (OFF) 0~33% (ON) Blinking (OFF) Charging 34~66% (ON) (ON) Blinking 67~99% Charging complete (100%)(turns OFF (ON) (ON) OPSE0Q4048 Stop charging immediately when a leak is detect- Detects Leakage ed on the ICCB output terminal (we recommend that you contact an authorized Kia dealer) Failure When a failure is detected inside the ICCB (we ICCB Failure recommend that you contact an authorized Kia... CHARGING ELECTRIC VEHICLE (TRICKLE CHARGE) 2. Hold the charging connector han- CAUTION dle and pull it while pressing the release button (1). In order to disconnect the charging connector, release the door lock to unlatch the charg- CAUTION - Disconnecting ing connector lock system. Page 47 CHARGING ELECTRIC VEHICLE (TRICKLE CHARGE) Plug Electric outlet. Do not pull the cable when disconnecting OPSE0Q4015 the plug. 3. Make sure to completely close the 6. Close the protective cover for the normal charging inlet cover. Page 48 • Use the portable charging cable • If the ICCB case and normal damaged household electric outlet that is certified by Kia Motors. charging connector is damaged, can result in a risk of electric outlet that is certified by Kia Motors. Charging cable • If the ICCB case and normal damaged household electric outlet that is certified by Kia Motors. Charging cable • If the ICCB case and normal damaged household electric outlet that is certified by Kia Motors. Charging cable • If the ICCB case and normal damaged household electric outlet that is certified by Kia Motors. Charging cable • If the ICCB case and normal damaged household electric outlet that is certified by Kia Motors. Charging cable • If the ICCB case and normal damaged household electric outlet that is certified by Kia Motors. Charging cable • If the ICCB case and normal damaged household electric outlet that is certified by Kia Motors. Charging cable • If the ICCB case and normal damaged household electric outlet that is certified by Kia Motors. Charging cable • If the ICCB case and normal damaged household electric outlet that is certified by Kia Motors. Charging cable • If the ICCB case and normal damaged household electric outlet that is certified by Kia Motors. Charging cable • If the ICCB case and normal damaged household electric outlet that is certified by Kia Motors. Charging cable • If the ICCB case and normal damaged household electric outlet that is certified by Kia Motors. Charging cable • If the ICCB case and normal damaged household electric outlet that is certified by Kia Motors. Charging cable • If the ICCB case and normal damaged household electric outlet that is certified by Kia Motors. Charging cable • If the ICCB case and normal damaged household electric outlet that is certified by Kia Motors. Charging cable • If the ICCB case and normal damaged household electric outlet that is certified by Kia Motors. Charging cable • If the ICCB case and normal damaged household electric outlet that is to Start the Vehicle 5. Make sure the accelerator and brake pedal have clearance with your right foot. 6. Make sure to press and hold the brake pedal, place the shift lever in P (Park). Vehicle only starts when the shift lever is placed in P (Park). DRIVING ELECTRIC VEHICLE How to Stop the Vehicle \* For vehicles with Shift Lock, you have to press the POWER button to the ON position, press and hold the brake pedal, then press the unlock button on the shift lever to R (Reverse). DRIVING ELECTRIC VEHICLE Pedestrian Warning System Active ECO is activated, The Pedestrian Warning System it will remain on until the Active generates engine sound for pedestri- ans to hear vehicle sound because ECO button is pressed again. there is little sound while the Electric Active ECO does not turn off when Vehicle (EV) is operating. DRIVING ELECTRIC VEHICLE Range After "---" has been displayed, the vehi- Natural degradation may occur with the high voltage battery depending cle can drive an additional 3.1~9.3mi. (5~15km) (depending on driving on the number of years the vehicle is speed, heater/air conditioner, weather, used. DRIVING ELECTRIC VEHICLE Tips for Improving Distance Motor Operation Gauge to Empty • If you operate the air conditioner • POWER : It shows the energy /heater too much, the driving battery consumption rate of the vehicle uses too much electricity. This may when driving uphill or accelerat- reduce the distance to empty. DRIVING ELECTRIC VEHICLE State of charge (SOC) gauge for high voltage battery when there are 1-2 gauge bars left for the high voltage battery, the vehi- cle speed is limited and then eventu- ally the vehicle will be turned OFF. Charge the vehicle immediately. DRIVING ELECTRIC VEHICLE Warning Message on LCD Display (related to charge) Low Battery. Charge imme- Low Battery. Charge immediately. Power diately limited OPSE044213L OPSE044214L OPSE044215L When the high voltage battery level When the high voltage battery level when the high voltage battery level reaches below 20%, this warning message illuminates. Page 56 DRIVING ELECTRIC VEHICLE I Power limited I Pow battery immediately when the high voltage battery level is not enough. OPSE044223L OPSE044224L When the vehicle is started while the This message Error! I and Charger Error! OPSE045323L OPSE044224L When the vehicle is started while the This message error! is displayed when the This message is displayed when the charging door is opened, this warn- charging failed by external normal charging failed by external normal charging failed by external quick ing message illuminates. When the warning light turns an authorized Kia dealer rupting normal driving. ON while driving, or does not turn OFF after vehicle has started, have your vehicle inspected by an authorized Kia dealer. Page 59 (yellow) to turn ON simultaneously. In this case, drive safely and have your vehicle inspected by an authorized Kia dealer. In this case, operation of the brake pedal may be more difficult than normal and the braking distance... Page 60 DRIVING ELECTRIC VEHICLE ECOMINDER ® indicator Active ECO system This indicator light illuminates: • The Active ECO button is ® pressed the ECOMINDER indica- tor (green) will illuminate to show that the Active ECO is operating. SAFETY PRECAUTIONS FOR ELECTRIC VEHICLE Responding to Vehicle Accidents in your Electric Vehicle When a vehicle accident occurs, WARNING VARNING - Damaged - Vehicle fires move the vehicle and remove the aux- iliary battery (12 V) terminal to pre- Do not touch harmful gas and vent high voltage electricity from... Page 62 OPSE0Q4054 Contact the fire department or an If towing is required, lift all four authorized Kia dealer. wheels off the ground and tow the vehicle. If you must tow the vehicle. Page 63 If heat treatment is required, we This may damage the electric recommend that you contact an power system. authorized Kia dealer. WARNING - Damaging Battery OPSE0Q4053 When you clean the motor com- • An air inlet is installed under the... OPSE0Q4053 When you clean the motor com- • An air inlet is installed under the... OPSE0Q4053 When you clean the motor com- • An air inlet is installed under the... OPSE0Q4053 When you clean the motor com- • An air inlet is installed under the... OPSE0Q4053 When you clean the motor com- • An air inlet is installed under the... OPSE0Q4053 When you clean the motor com- • An air inlet is installed under the... OPSE0Q4053 When you clean the motor com- • An air inlet is installed under the... OPSE0Q4053 When you clean the motor com- • An air inlet is installed under the... OPSE0Q4053 When you clean the motor com- • An air inlet is installed under the... OPSE0Q4053 When you clean the motor com- • An air inlet is installed under the... OPSE0Q4053 When you clean the motor com- • An air inlet is installed under the... OPSE0Q4053 When you clean the motor com- • An air inlet is installed under the... OPSE0Q4053 When you clean the motor com- • An air inlet is installed under the... OPSE0Q4053 When you clean the motor com- • An air inlet is installed under the... OPSE0Q4053 When you clean the motor com- • An air inlet is installed under the... OPSE0Q4053 When you clean the motor com- • An air inlet is installed under the... 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Page 65 ENVIRONMENTAL FRIENDLINESS MARK List of Parts with Environmental Friendliness Mark SKIN-C/PAD MAIN SKIN - DR TRIM UPR NON WOVEN - HEADLINER THREAD - FLOOR CARPET THREAD - FLOOR MAT FLOOR CONSOLE - MAIN, REAR FLOOR CONSOLE - UPPER PILLAR TRIM - FRONT PILLAR TRIM - REAR Bio Materials PILLAR TRIM - CENTER LWR... Page 66 Introduction Vehicle Data Collection and Event Data Recorders ..... 1-2... Page 67 Introduction Vehicle Data Collection and Event Data Recorder by an EDR, event data recorder (EDR). The ter understanding of the circum- special equipment is required, and stances in which crashes and access to the vehicle at a glance EXTERIOR lamp .....7-70 13. Rear window wiper blade .....4-17 3. Central door lock switch ......4-13 4. Power window lock switch ......4-17 3. Central door lock switch ......4-13 4. Power window lock switch.....4-20 5. Outside rearview mirror control.....4-37 6. Outside rearview mirror folding ......4-38 7. Instrument panel illumination control switch ..........4-41 8. Your vehicle at a glance INSTRUMENT PANEL OVERVIEW 1. Audio remote control buttons.....4-128 2. Driver's front air bag ......3-46 3. Horn.........4-32 4. Instrument cluster .......4-40 WARNING WARNING WARNING - Rear - Unexpected - Small seatbacks Seat Movement Objects Always lock the rear seatback After adjusting a manual seat, Use extreme caution when pick- before driving. Failure to do so always check that it is locked by ing small objects trapped under could result in passengers or shifting your weight to the front. Page 78 Safety features of your vehicle Seatback angle Seat height (for driver's seat) Front seat adjustment Forward or back- wards. Page 79 Safety features of your vehicle Headrest is at the same height of the center of gravity of an accident, the headrest is at the same height of the center of gravity of an accident, the headrest is at the same height of the top of their eyes. Page 80 Safety features of your vehicle OPS033010 OYFH034205 OPS033047L Adjusting the height up and down Removal and installation \* \* NOTICE To remove the headrest, pull it up to the desired position (1). To lower the If you recline the seatback towards 1. Page 81 Safety features of your vehicle Seatback pocket WARNING -Headrest Reinstallation To reduce the risk of injury to the head or neck, always make sure the headrest is locked into position and adjusted properly after reinstalling. OPS033048L To reinstall the headrest is locked into position and adjusted properly after reinstalling. carrying long items or to increase the luggage capacity of the vehicle. WARNING - Folded down seatback Never allow passengers sit on top of the folded down seatback while OPS033015 OPSE034018... Page 83 Safety features of your vehicle Headrest For maximum effectiveness in case of WARNING - Cargo an accident, the headrest should be adjusted so the middle of the head- Do not place heavy objects in rest is at the same height as the cen- the rear seats, since they can- ter of gravity of an occupant's head. Page 84 Safety features of your vehicle Adjusting the headrest, make sure that it is installed in the right direction. A headrest installed reversely could increase whiplash injury during rear impact. Page 85 Safety features of your vehicle SEAT BELTS Seat belt restraint system pro- should be worn low across the front •... Page 86 Safety features of your vehicle Seat belt warning • No modifications or additions WARNING - Seat belt should be made by the user which will either prevent the seat (gum, crumbs, coins, etc.) to belt assembly from being adjusted... Page 87 Safety features of your vehicle Conditions Warning Pattern Conditions Warning Pattern Vehicle 6 seconds Unbuckled 6 seconds Buckled 6 seconds Unbuckled 6 seconds Unbuckled 6 seconds Unbuckled 6 seconds Buckled 6 seconds Unbuckled 6 seconds None (5 km/h) Page 88 Safety features of your vehicle Seat belt - Driver's 3-point system Riding in an improper position The seat belt automatically adjusts to adversely affects the front passen- with emergency locking retractor the proper length only after the lap ger's seat belt warning system. It is belt portion is adjusted manually so important for the driver to instruct the that it fits snugly around your hips. Page 89 Safety features of your vehicle Release the button to lock the Front seat anchor into position. Try sliding the height adjuster to make sure that it has locked into position. Try sliding the height adjuster to make sure that it has locked into position. features of your vehicle Seat belts - Front passenger and It automatically adjusts to the proper Do NOT fold down the left portion of rear seat 3-point system with length only after the lap belt portion the rear of the seat belt is adjusted manually center seat 3-point system with length only after the lap belt portion of rear seat 3-point system with length only after the lap belt portion the rear seat 3-point system with length only after the lap belt portion of rear seat 3-point system with length only after the lap belt portion the rear seat 3-point system with length only after the lap belt portion of rear seat 3-point system with length only after the lap belt portion the rear seat 3-point system with length only after the lap belt portion of rear seat 3-point system with length only after the lap belt portion the rear seat 3-point system with length only after the lap belt portion of rear seat 3-point system with length only after the lap belt portion the rear seat 3-point system with length only after the lap belt portion after the lap belt belt after the lap belt portion of rear seat 3-point system with length only after the lap belt belt after the lap belt after the lap belt belt belt after the lap belt after t rear seat belt CAUTION - Seat belt guides and/or belt webbing. Page 92 Safety features of your vehicle 3 Point rear center belt WARNING - Rear center seat belt Do not separate mini tongue and mini buckle even if there is not an occupant. If it is separated, It may hit the rear seat occupants in a collision or sudden stops. Page 93 Safety features of your vehicle To unfasten the rear center belt the tab locks in the buckle. The seat belt automatically adjusts to the proper length only after the lap belt is adjusted manually so that it fits snug- ly around your hips, if you lean for- ward in a slow, easy motion, the belt... Page 94 Safety features of your vehicle (1) Retractor Pretensioner • Both the driver's and front passen- ger's seat belt pre-tensioner sys- The purpose of the retractor pre- tem may be activated not only in tensioner is to make sure that the certain frontal collision but also in shoulder belts fit in tightly against certain side collision or rollover, if... Page 95 "Child restraint system" in this have an authorized Kia dealer burn you. section. inspect the pre-tensioner seat belt and SRS air bag system as soon as possible. Page 96 Safety features of your vehicle \* \* NOTICE Larger children If the shoulder belt portion slightly touches the child's neck or face, try Children who are too large for child Small children are best protected placing the child closer to the center of restraint systems should always from injury in an accident when the vehicle. Page 97 Safety features of your vehicle Restraint of pregnant women Injured person Do not lie down Pregnant women should wear A seat belt should be used when an To reduce the chance of injuries in lap/shoulder belt assemblies when- injured person is being transported. the event of an accident and to even possible according to specific When this is necessary, you should... Page 98 This should be done even if no damage is visible. Additional questions concerning seat belt oper- ation should be directed to an authorized Kia dealer. 3 25... Page 99 Safety features of your vehicle should Children could be injured or killed in WARNING - Hot child sit in the rear seat and must always a crash if their restraints are not be properly restrained to minimize properly secured. Page 100 After an accident, have an author- Always use a child restraint ized Kia dealer check the child system, seat belt, tether your child's height and weight. Page 101 To secure a child authorized Kia dealer. \* \* NOTICE restraint system, use the following procedure. If the vehicle headrest prevents... Page 102 Safety features of your vehicle If the vehicle headrest prevents prop- er installation of a child seat (as described in the child seat system manual), the headrest of the respec- tive seating position shall be read-justed or entirely removed. OEN036101 OEN036102 To install a child restraint system on... Page 103 Safety features of your vehicle The lap/shoulder belt automatically returns to the "emergency lock mode" whenever the belt is allowed to retract fully. Therefore, the preced- ing seven steps must be followed each time a child restraint, press the release button on the buckle and then pull the lap/shoulder belt out of the restraint and allow the seat belt... Page 104 Safety features of your vehicle Securing a child restraint to a single tether or to a single lower anchorage point. increased load caused by multiple seats may cause the tethers or anchorage points to break. Page 105 Safety features of your vehicle Securing a child restraint seat with Lower Anchor Position Indicator WARNING - Unused rear child seat. Page 106 Safety features of your vehicle Once you have installed the LATCH WARNING - LATCH lower child restraint, assure that the seat is properly attached to the LATCH equipped seat in the before you place the child in it. Page 107 Safety features of your vehicle AIR BAG - ADVANCED SUPPLEMENTAL RESTRAINT SYSTEM (1) Driver's front air bag (2) Passenger's front air bag (2) Passenger's front air bag (3) Side air bag (4) Curtain air bag (2) Passenger's front air bag (2) Passenger's front air bag (3) Side air bag (4) Curtain air bag (2) Passenger's front air bag (3) Side air bag (4) Curtain air bag (4) Curtain air bag (4) Curtain air bag (2) Passenger's front air bag (3) Side air bag (4) Curtain air bag (4) Curtain air bag (4) Curtain air bag (5) Side air bag (5) Side air bag (6) Side air bag (7) Side air bag the air bag system • The front air bags will completely • In order to help provide protection, operate the air bags must inflate rapidly. inflate and deflate in an instant. The speed of the air bags must inflate - Hot compo-When inflated, the air bags make a tion nents loud noise and leave smoke and Sit as far back as possible from powder in the air inside the vehicle. Do not touch the air bag storage the steering wheel while still This is normal and is a result of the... Safety features of your vehicle Do not install a child restraint on Air bag warning light WARNING - Air bag the front passenger's seat. deployment When children are seated in the rear outboard seats of a vehicle equipped with side and/or cur- tain air bags, install the child restraint system as far away from the door side as possible. 6 seconds, then go off. Have the system 11. Occupant detection system checked by an authorized Kia dealer- (Front passenger's seat only) ship if: 12. Driver's and front passenger's • The light does not turn on briefly... Page 112 Driver's front air bag system as soon as possible. • The light does not turn on briefly... Page 112 Driver's front air bag (1) occurs, this indicates a malfunction in the air bag system. Have an authorized Kia dealer inspect the air bag system as soon as possible. 113 Safety features of your vehicle Driver's front air bag (2) Driver's front air bag (3) Passenger's front air bag beto (3) Passenger's front air bag beto (3) Passenger's front air bag (2) Driver's front air bag (3) Passenger's front air bag be your vehicle immediately inspected a loud noise followed by a fine dust by an authorized Kia dealer. released in the vehicle. These con- ditions are normal and are not haz- ardous - the air bags are packed in \*... Page 115 Safety features of your vehicle Main components of the occu- If the front passenger seat is occupied • The ODS (Occupant Detection pant detection system by a person that the system deter- System) may not function properly if mines to be of appropriate size, and the passenger takes actions which •... Page 116 Safety features of your vehicle \* \* NOTICE Condition and operation in the front passenger takes actions which •... Page 116 Safety features of your vehicle \* \* NOTICE Condition and operation in the front passenger takes actions which •... Page 116 Safety features of your vehicle \* \* NOTICE Condition and operation in the front passenger takes actions which •... Page 116 Safety features of your vehicle \* \* NOTICE Condition and operation in the front passenger takes actions which •... Page 116 Safety features of your vehicle \* \* NOTICE Condition and operation in the front passenger takes actions which •... Page 116 Safety features of your vehicle \* \* NOTICE Condition and operation in the front passenger takes actions which •... Page 116 Safety features of your vehicle \* \* NOTICE Condition and operation in the front passenger takes actions which •... Page 116 Safety features of your vehicle \* \* NOTICE Condition and operation in the front passenger takes actions which •... Page 116 Safety features of your vehicle \* \* NOTICE Condition and operation in the front passenger takes actions which •... Page 116 Safety features of your vehicle \* \* NOTICE Condition and operation in the front passenger takes actions which \*... Page 116 Safety features of your vehicle \* \* NOTICE Condition and operation in the front passenger takes actions which \*... Page 116 Safety features of your vehicle \* \* NOTICE Condition and operation in the front passenger takes actions which \*... Page 116 Safety features of your vehicle \* \* NOTICE Condition and operation in the front passenger takes actions which \*... Page 116 Safety features of your vehicle \* \* NOTICE Condition and operation in the front passenger takes actions which \*... Page 116 Safety features of your vehicle \* \* NOTICE Condition actions which \*... Page 116 Safety features of your vehicle \*... Page 116 Safe Don't place anything Indicator/Warning light Devices Condition detected by the on or attach anything such as a blan- "PASSENGER AIR occupant detection Front passenger... Page 117 Safety features of your vehicle (Continued) OVQ036013N 1KMN3665 - Never put a heavy load or an - Never sit with hips shifted - Never place feet on the dash- active electronic device on towards the front of the seat. board. Page 118 Safety features of your vehicle \* \* NOTICE If the PASSENGER AIR BAG "OFF" ger to move to the rear seat. indicator illuminates for about 4 sec- onds after the POWER button is turned to the ON position or after WARNING... Safety features of your vehicle Any child age 12 and under should Driver's front air bag the indication of the system's pres- ride in the rear seat. Children too air bag ence are the letters "AIR BAG" large for child restraints should use embossed on the air bag the available lap/shoulder belts. Page 120 The advanced SRS offers the ability front passenger's air bag under cer- Kia dealer using original Kia parts to control the air bag inflation with tain conditions. For more detail, see designed for this vehicle and two levels. Page 121 That contact is Kia's toll-free can be provided by the pre-tensioner Customer Assistance center at 1- seat belt. Safety features of your vehicle is equipped with a side air bag is supplemental to bag in each front seat. The purpose of the driver's and the passenger with stitute for them. Kia deal- OPS033024 opposite side. Also, the curtain air bags er. Inform the dealer that your vehi-... Page 124 Safety features of your vehicle Why didn't my air bag go off in a Air bag collision sensors collision? (Inflation and non-infla- tion conditions of the air bag) There are many types of accidents in which the air bag would not be expected to provide additional protection. Page 125 Have the vehicle checked and installed. repaired by an authorized Kia deal- This may cause unexpected air bag deployment, which • Installing bumper guards (or side could result in serious per- step or running board) or replacing sonal injury or death. Page 126 Safety features of your vehicle Also, the side and curtain air bags are If the vehicle chassis is impacted by designed to inflate when a rollover is bumps or objects on unimproved detected by a rollover sensor. roads, the air bags (driver's surfaces not designed for vehicle... Page 127 Safety features of your vehicle Air bag non-inflation conditions OUN036087 OVQ036018N • Air bags are not designed to inflate • Front air bags may not inflate in 1VQA2086 in rear collisions, because • In certain low-speed collisions, because • In certain low-speed collisions, because occu- side impact collisions, because • In certain low-speed collisions, because occu- side impact collisions, because • In certain low-speed collisions, because • In certain low-speed collisions, because occu- side impact collisions, because • In certain low-speed collisions, because occu- side impact collisions, because • In certain low-speed collisions, because occu- side impact collisions, because • In certain low-speed collisions, because • In certain low-speed collisions, because occu- side impact collisions, because • In certain low-speed features of your vehicle 1VQA2089 1VQA2090 1VQA2091 • In an angled collision, the force of • Just before impact, drivers often • Front air bags may not inflate in impact may direct the occupants in brake heavily. Such heavy braking rollover accidents because front a direction where the air bags lowers the front portion of the vehi-... • If components in brake heavily. of the air bag sys- inspected by an authorized Kia dealer. tem must be discarded, or if the vehicle must be scrapped, certain Any work on the SRS system, such safety precautions... Safety features of your vehicle Do not tamper with or discon- If you modify your vehicle by changing nect SRS wiring, or other com- your vehicle's frame, bumper system, ponents of the SRS system. Features of your vehicle system, ponents of the SRS system. Features of your vehicle system, ponents of the SRS system. Audio system ......4-127 compressor lubricant . Should key is dangerous. Children copy lose your keys, this number will adults and they could press the enable an authorized Kia dealer to start button. The key would duplicate the keys easily. Remove enable children... Page 135 Features of your vehicle Door Lock The button will only operate when the smart key is within 28~40 in. (0.7~1m) from the outside door handle. Even though you press the outside door handle button, the doors will not lock and the chime will sound for 3 seconds if any of following occur: •... Page 136 Features of your vehicle Unlocking • The button will only operate when Using the button on the smart key is within 28~40 in. 1. Press the unlock button(2) of the Using the door smart key. You should immediately take the times. vehicle and remaining key to your Once the tailgate is opened and authorized Kia dealer(tow the vehi- Start-up then closed, the tailgate will lock cle, if necessary) to protect it from You can start the vehicle without automatically. Keep the smart key away from with the mechanical key and contact If the key is determined to be invalid, water or any liquid as it can an authorized Kia dealer. the vehicle will not start. become damaged and not func- tion properly. Page 139 If you need additional keys or lose operation. activates automatically. Without a your keys, contact an authorized valid smart key for your vehicle, the Kia dealer. • Using the wrong battery can cause the smart key to malfunction. Be sure to use the correct battery. Features of your vehicle DOOR LOCKS O perating door locks from • Once the doors are unlocked, they outside the vehicle may be opened by pulling the door, push the door by hand. Make sure the doors are closed securely. Features of your vehicle DOOR LOCKS of your vehicle of your vehicle may be opened by pulling the door by hand. door, pull the door han- If a power door lock ever fails to func- inside the vehicle die (3) outward. tion while you are in the vehicle, try one or more of the following tech- ... Features of your vehicle doors will system Driver's door unlock. In the event of air bag deployment • If the vehicle is in the ready (resulting from a vehicle impact, all mode and any front door is opened, doors will automatically unlock. Features of your vehicle Child-protector rear door. To open the rear door, pull the out- side door handle. Even though the doors may be unlocked the rear door will not open by pulling the inner door handle (1) until the rear door child safety lock is unlocked. Features of your vehicle TAILGATE \* NOTICE Opening the tailgate Swings upward. Make sure no objects or people are near the rear of the vehicle when opening the tailgate. Features of your vehicle Emergency tailgate safety WARNING release • No one should be allowed to occupy the cargo area of the vehicle at any time. The cargo area of the vehicle at any time. door power window switch (2) Front passenger's door power window switch (3) Rear door (left) power window switch (4) Rear door (right) power window up/down (7) Power window switch (5) Window opening and closing (6) Automatic power window up/down (7) Power window up/down (7) Power window switch (3) Rear door (left) power window switch (3) Rear door (left) power window up/down (7) Power window u opening and closing Power windows While driving with the rear windows The POWER button must be in the down or with the sunroof (if ON position for power windows to equipped) in an open (or partially operate. Page 149 Features of your vehicle Auto up/down window 1. Turn the POWER button to the ON (for driver's window) position. 2. Close the driver's window and continue pulling up the driver's power window switch for at least 1 second after the window is com- pletely closed. Page 150 Features of your vehicle Power window is lowered Always check for obstructions by the automatic window reversal before raising any window to feature, the automatic window rever- avoid injuries or vehicle • When the power window lock Always double check to make sure switch is pressed : all arms, hands, head and other obstructions are safely out of the way - The driver's master control can before closing a window. operate all the power windows. Features of your vehicle HOOD Opening the hood 1. Before closing the hood halfway and push down to securely lock in place. WARNING OPSE044025 Before closing the hood, ensure... Page 153 Features of your vehicle WARNING - Fire risk Do not leave gloves, rags or any other compartment. Doing so may cause a heat-induced fire. WARNING - Unsecured hood Always double check to be sure that the hood is firmly latched before driving away. Features of your vehicle PANORAMIC SUNROOF (IF EQUIPPED) \* NOTICE • In cold and wet climates, the sun- The sunroof cannot tilt when it is in roof may not work properly due to the slide position but can be slid freezing conditions. Features of your vehicle When the sunshade is opened Sunroof open warning Sliding the sunroof (if equipped) If you pull the sunroof glass control lever backward, the sunroof glass will slide all the way open. To stop the sunroof glass control lever momentarily. Features of your vehicle Automatic reversal Tilting the sunroof for tilt down (or close) the sunroof glass control lever forward or pull it downward When you push the sunroof glass control lever forward or pull it down- ward while the sunshade opened, the glass will be tilt down. Features of your vehicle Do not extend the face, neck, arms Sunshade CAUTION - Sunroof motor or body outside the sunroof while damage driving. If you try to open the sunroof when the temperature is below WARNING - Sunroof freezing or when the sunroof, make... Features of your vehicle stery is dis- - Press the sunroof sunroo sunshade close button (2). material characteristic are normal. connected or discharged, you must \*... Page 159 Features of your vehicle 5. Push the sunroof operates as follows again: The sunshade and sunroof glass slide open -> The sunshade close -> The sunshade close Then, release the lever. Take your vehicle to becomes inoperative, the vehicle may • The steering gets heavy immedi- an authorized Kia dealer and have still be steered, but it will require ately after turning the POWER the vehicle (Continued) Tilt and telescopic steering • When you operate the steering Tilt and telescopic steering allows wheel in low temperature, abnor- you to adjust the steering wheel Horn The heated steering wheel H steering wheel will turn off automatically approximately 30 minutes after the heated steering wheel is turned on. CAUTION • Do not install any grip to oper- ate the steering wheel mode button is not pressed for about 4 seconds, the LCD display will change to the previ- ous screen. OPS043036 OPSE044129 The normal mode offers medium The FLEX STEER controls steering wheel, but the steering effort. Page 164 Features of your vehicle Sport mode • For your safety, if you press the steering wheel, but the steering effort. will not change immediately. After operating the steering wheel, the steering effort will change automatically to the selected mode. Features of your vehicle MIRRORS Day/night rearview mirror (ECM) Inside rearview mirror automat center view through the rear window ically controls the glare from the is seen. Page 166 Features of your vehicle outside rearview mirror, use a Your vehicle is equipped with both paper towel or similar material left-hand and right-hand outside dampened with glass cleaner. Page 167 Features of your vehicle Remote control CAUTION - Rearview - Outside mirror mirror • The mirrors stop moving when Do not scrape ice off the mirror stop moving when Do not scrape ice off the mirror mirror • The mirror mirror mirror • The mirror mirr outside rearview mirror Center (AUTO, 3) : The mirror will fold or unfold auto- matically as follows: • Without smart key system - The mirror will fold or unfold when the door is locked or unlocked by the transmitter. Features of your vehicle Outside mirror electric type at some a control of your vehicle of your vehi rearview mirror operates even though the POWER button is in the OFF position. However, to prevent unnecessary battery dis- charge, do not adjust the mirrors longer than necessary while the vehicle is in not the ready (mode. Features of your vehicle INSTRUMENT CLUSTER 1. Motor operation gauge 2. Speedometer 3. Range meter 4. Warning and indicator lights 5. State of charge gauge 6. LCD display \* The actual cluster in the vehicle may differ from the illustration. For more details, refer to the "Gauges"... Features of your vehicle Instrument Cluster Control Adjusting Instrument Cluster Control Adjusting Instrument Cluster in the vehicle may differ from the illustration control OPS043040 button ("+" or "-"), the brightness The LCD display modes can be will be changed continuously. OPSE044039 changed by using the control buttons •... Features of your vehicle Motor operation gauge Gauges • CHARGE : It shows the charging status of the battery Speedometer when it is being charged regenerative brakes (decelerating or driving on a downhill road). The more electric energy is charged, the lower the gauge battery for the high voltage battery, the vehi- cle speed is limited and then eventu- ally the vehicle will be turned OFF. Charge the vehicle immediately. Page 174 Features of your vehicle Odometer Outside Temperature on the dis- play may not change immediately like a general thermometer to pre- vent the driver from being inattentive. The temperature on the dis- play may not change immediately like a general thermometer to pre- vent the driver from being inattentive. shift indicator OPSE044125L This indicator displays which reduc- tion gear shift lever is selected. • Park : P • Reverse : R • Neutral : N • Drive : D • Regenerate brake : B \* For the detailed explanation of each shift range,... Features of your vehicle LCD DISPLAY LCD Modes Symbol Explanation This mode displays EV system energy flow and tion For more details, refer to "EV information mode" in this chapter. This mode displays driving information like the tripmeter, Trip Computer energy flow ECO Level EV information mode EV information mode shows EV energy flow and ECO level. EV energy flow ECO Level To change the EV information mode, OPSE044240L OPSE044240L OPSE0442421L press the (MOVE) button EV energy flow notifies the drivers of When the vehicle is started, the ECO energy flow notifies the drivers of When the vehicle is started, the ECO energy flow notifies the drivers of Your vehicle A/V Mode Service Mode Service Interval OPSE0442421 If you do not have your vehicle serv- OPSE044266N This mode displays the state of the iced according to the already inputted A/V system. Service required"... Features of your vehicle Master Warning Mode User Settings Warning Light illumi- nates when more than one of the above warning situations occur. At OTF044192L this time, the LCD Modes Icon will Service interval OFF... Page 180 Features of your vehicle Door Auto Unlock Two Press Unlock + Off: • Off: deactivated. Therefore, all doors The auto door lock operation will unlock if the door is unlocked. Page 181 Features of your vehicle Lamp (if equipped) Language The average energy consumption will If this item is checked, the lane Choose the language you prefer reset automatically when charge the change signals will blink 3, 5 or 7 within the LCD. Features of your vehicle Service Interval function with mileage reaches below 10%, this warning When the high voltage battery level (mi. Page 183 Features of your vehicle Charge immediately. Power limited When this warning message is dis- played, do not accelerate or start the vehicle suddenly. Charge the battery immediately when the high voltage battery level is not enough. OPSE044215L OPSE044264L When the high voltage battery level In the following cases, this warning reaches below 7%, this warning... Page 184 Make sure Remove the charging door after start the vehicle. ing message is displayed. In this charging is complete. case, have your vehicle inspected by an authorized Kia dealer. Page 185 Turn off the POWER button and stop your vehicle to the nearest author- nated even after the ambient temper- the vehicle ature has increased, have your vehicle so that the battery tem- ized Kia dealer and have the vehicle ature has increased with the battery tem- ized Kia dealer and have the vehicle ature has increased. become longer. more, it will turn to the ON position). Refrain from driving when the warn- ing message is displayed. In this case, have your vehicle Low Key Battery Press brake pedal to start vehicle Key not in vehicle OPSE044142L OPSE044152L. OPSE044138L • This warning message illuminates • Th engine by pressing the POWER tor light blinks. button once more. • If the warning illuminates each time you press the POWER button, have your vehicle Check BRAKE SWITCH fuse Door Open Tailgate Open OPSE044157L OPSE043122 • This warning message illuminates • It means that any door is open. • It means that the tailgate is open. if the brake switch fuse is discon- nected. Page 190 Features of your vehicle Turn on FUSE SWITCH Charger Error! Quick Charger Error! OPSE045323L OPSE0453 is displayed when if the fuse switch on the fuse box is the charging failed by external nor- the charging failed by external OFF. Features of your vehicle TRIP COMPUTER Trip Modes Overview Energy consumption Description Energy consumption System that displays information related • Instant energy consumption to driving. \* \* NOTICE TRIP A Some driving information stored in •... Features of your vehicle Instant energy consumption during the last few ton (MOVE) on the steering wheel for seconds when the vehicle Speed is more than 1 second when the aver- more than 10 km/h (6.2 MPH). Page 193 Features of your vehicle Speed is cal- • The elapsed time is the total driv- culated by the total driving dis- ing time since the last elapsed time tance and driving time since the reset. Features of your vehicle Range After "---" has been displayed, the vehi- cle can drive an additional 3.1~9.3mi. (5~15km) (depending on the instrument cluster after com- pleting a recharge may vary signifi- cantly depending on previous operat- ing patterns. When the warning light turns ON rupting normal driving, or does not turn OFF after vehicle has started, have your vehicle inspected by an authorized Kia dealer. 4 65... Page 196 In this case, drive safely and have your vehicle inspected by an In this case, have your vehicle authorized Kia dealer. In spected by an authorized Kia dealer. In this case, operation of the brake pedal may be more difficult than normal and the braking distance can increase. Page 197 In this case, have your vehicle - If the warning light illuminates towed to an authorized Kia dealer with the parking brake released, it and inspected in reservoir is low. Page 198 ABS (The normal braking sys- In this case, have your vehicle Also, the vehicle will not stop in as tem will still be operational without inspected by an authorized Kia short a distance of the anti-lock dealer. Page 199 Kia the risk of a crash or injury. In this case, have your vehicle inspect- dealer as In this case, avoid high speed soon as possible. driving and abrupt braking. Page 200 System In this case, have your vehicle warning light turns off. If the warn- (TPMS)" in chapter 6. inspected by an authorized Kia ing light remains on, In this case, dealer. have your vehicle inspected by an authorized Kia dealer. Page 201 TPMS. and can contribute to loss of vehicle control and increased In this case, have your vehicle braking distances. inspected by an authorized Kia Tailgate Open Warning dealer as soon as possible. • Continued driving or low pres- Light sure tires will cause the tires to For more details, refer to "Tire... • When there is a malfunction with the ESC system. - Blinking: Emergency driving. In this case, have your vehicle inspected by an authorized Kia dealer. Page 203 Features of your vehicle Electronic Stability 
Immobilizer Indicator Control (ESC) OFF Light Active ECO system Indicator Light illuminates: This indicator light illuminates: This indicator light illuminates: This indicator Light New York Stability 
when you set POWER button to •... Page 204 • When you turn the turn signal light • When the headlights are on and in In this case, have your vehicle the high beam position inspected by an authorized Kia dealer. • When the turn signal lever is pulled into the Flash-to-Pass position. Page 205 Features of your vehicle Front Fog Indicator Cruise SET Indicator Cruise SET Indicator Light (if equipped) Light This indicator light illuminates: This indicator light illuminates: • When the cruise control speed is set. • When the front fog lights are on. For more details, refer to "Cruise Indicator Light Control System"... Features of your vehicle PARKING ASSIST SYSTEM Front The parking assist system assists operation of the parking assist system assist system assist system"... Features of your vehicle PARKING ASSIST SYSTEM Front The parking is any object to "Cruise Indicator Light Control System"... Features of your vehicle by chiming if any object to "Cruise Indicator Light Control System"... Features of your vehicle PARKING ASSIST SYSTEM Front The parking is any object to "Cruise Indicator Light Control System"... Features of your vehicle PARKING ASSIST SYSTEM Front The parking is any object to "Cruise Indicator Light Control System"... Features of your vehicle PARKING ASSIST SYSTEM Front The parking assist system assists operation of the parking the driver during movement of the driver during movemen is Operating condition sensed within the distance of 39 in (100 cm) in front or 47in(120cm) behind the vehicle. Page 207 ON. 12 in. (30cm) Buzzer sounds Rear continuously \* \* NOTICE The indicator may differ from the illustration as objects or sensors status. If the indicator blinks, the system should be checked by an authorized Kia dealer. 4 77... Features of your vehicle There is a possibility of parking assist system malfunction when: recognized by the sensor: 1. Driving on uneven road surfaces 1. Sharp or slim objects such as Parking assist system may not such as unpaved roads, gravel, ropes, chains or small poles. Always visually check in front and authorized Kia dealer. sensor. Sensor damage could occur. behind the vehicle warranty does not... Features of your vehicle warranty does not... Features of your vehicle warranty does not... behind the vehicle when backing up. Never rely solely on the rear camera display when backing. Features of your vehicle LIGHTING Headlamp escort (if equipped) If you turn the POWER button to the • The purpose of this feature is to ACC or OFF position with the head-prevent the battery from being dis- Daytime Running Lights (DRL) may light solve the system checked. a Parking light position. Page 213 Features of your vehicle Auto light position (Headlight position))). OAM049041 OAM049042 OMD040095 When the light switch is in the park- When the light position, the taillights and head- light position, the taillight switch is in the park- When the light position, the light position, the light position, the taillight position (1st position), the light position), the light position (1st posi located on the instrument panel. This will ensure better auto- light system control. • Don't clean the sensor using a win- dow cleaner. The cleaner may leave a light film which could inter- fere with sensor operation. Features of your vehicle One-touch lane change function Turn signals and lane change to signal a lane change, move the signals turn signal lever slightly and hold it in (if equipped) position (B). The lever will return to To activate an one-touch lane the OFF position when released. Features of your vehicle Front fog lights will turn on when the fog light switch (1) is turned to the on position after the headlight is turned on. Features of your vehicle WIPERS AND WASHERS Windshield wiper/washer Rear window wiper/washer Rear window wiper/washer OAM049101N Operates as follows when the OAM049100N/OAM049048N POWER button is turned ON. A : Wiper speed control D : Rear wiper/washer control MIST : For a single wiping cycle, push .... Features of your vehicle LO : Normal wiper speed on the passenger side. \* \* NOTICE CAUTION - Washer pump If there is heavy accumulation of To prevent possible damage to snow or ice on the windshield, defrost... Features of your vehicle Rear window wiper and washer CAUTION - Wipers& wind- switch shields • To prevent damage to the wipers or windshield, do not operate the wipers when the windshield is dry. • To prevent damage to the wiper and washer CAUTION - Wipers& wind- switch shields • To prevent damage to the wipers when the windshield is dry. • To prevent damage to the wiper and washer CAUTION - Wipers& wind- switch shields • To prevent damage to the wiper soft windshield is dry. • To prevent damage to the wipe or other solvents on or near them. Features of your vehicle INTERIOR LIGHT Do not use the interior lights for Map lamp • ROOM (2) : extended periods when the vehicle \* \* NOTICE • DOOR (3) : Room lamp - The map lamp and room lamp • When the lamp is turned on by Type A comes on when a door is opened. pressing the lens (1), the lamp does The lamps go out after approxi- not turn off even if the DOOR mately 30 seconds. Features of your vehicle Luggage room lamp Glove box lamp comes on when a door is opened. when Pull the sunvisor downward and you the glove box is opened. can turn the vanity mirror lamp ON or OFF by pushing the button. Features of your vehicle DEFROSTER Rear window defroster activate rear window cAUTION - Conductors defroster, press the rear window caution located in the center To prevent damage to the con- facia switch panel. ductors bonded to the inside surface of the rear window, The indicator on the rear window never use sharp instruments or... Features of your vehicle AUTOMATIC CLIMATE CONTROL SYSTEM I Type A 1. Fan speed control button 2. Front windshield defroster button 4. Temperature control knob/button 5. AUTO (automatic control) button 6. OFF button 7. HEAT button and air conditioning (A/C) button - Heater (HEAT) button of select any button of select any button of select any button of select any button of selection button - Air conditioning (A/C) button - Heater (HEAT) button DRIVER ONLY button - Front windshield defroster button... Features of your vehicle Manual heating and air 1. Start the vehicle. conditioning 2. Set the temperature control to the buttons other than the AUTO button. Page 227 Features of your vehicle Mode selection Type A OPSE045313N Type B OPSE044167 The mode selection button controls OPSE044058 the directed toward the ventilation system. 4 97... Page 228 Features of your vehicle The air flow outlet port is converted as follows: Vent mode (B, D) Floor mode (C, E, A, D) Air flow is directed toward the upper Most of the air flow is directed to the body and face. Additionally, each out-floor, with a small amount of the air let can be controlled to direct the air being directed to the windshield and... Page 229 Features of your vehicle Type A Temperature control Type A OPSE045314N Type B OPS043059 OPSE045312N Type B Instrument panel vents The outlet port can be opened or closed separately using the thumb- wheel. Also, you can adjust the direction of air delivered from these vents using the temperature scale conversion minimum (62°F(17°C)) by pushing If the battery has been discharged or Type A the button (disconnected, the temperature mode When pushing the button, the tem- display will reset to Centigrade. Page 231 Features of your vehicle Recirculated air position Outside (fresh) air position Outside (fresh) air position WARNING - Recirculated air position WARNING - Recirculated air position Outside (fresh) air position WARNING - Recirculated air position Outside (fresh) air position Outside (fresh button does not illuminate Continuous use of the climate the recirculated air posi- when the outside (fresh) control system in the recirculat- tion is selected. Page 232 Features of your vehicle Fan speed control To change the fan speed () for lower speed. To turn the fan speed control off, press Do not sleep in a vehicle with the OFF button and select outside the air conditioning HEAT Button • Air conditioner/Heater uses energy from the battery. If you use the Type A Type A heater or air conditioner for too long, distance to empty can be reduced due to too much power consumption. Page 234 Features of your vehicle Driver Only Button • Air conditioner/Heater uses energy If you use the tioning in the front windshield defrost Type A heater or air conditioner for too mode () air comes out from long, distance to empty can be... Page 235 Features of your vehicle Reserved Climate Control Button Blower OFF The indicator lamp lighting conditions (if equipped) 1.Blinking three times: Type A When you press the reserved climate control is set 3.Blinking continuously: When the climate control is operat-... Features of your vehicle Climate information screen System operation (if equipped) • To keep dust or unpleasant fumes Ventilation from entering the vehicle through 1. Set the mode to the position. the ventilation system, temporarily 2. Set the air intake control to

the set the air intake control to the outside (fresh) air position. Page 237 Air conditioning Systems are • If the vehicle has been parked in • When using the air conditioning Systems are • If the vehicle has been parked in • When the air flow rate suddenly ever, continual operation in this decreases, the system should be mode may cause the air inside the checked at an authorized Kia vehicle to become stale. dealer. Blower • During cooling operation, you may... When the amount of refrigerant is be serviced by an authorized tem is under very high pres- low, the performance of the air con- Kia dealer. The Electric Vehicle sure. If proper service proce- ditioning is reduced. Overfilling also (EV) air conditioning refrigerant Each symbols and specification on label air conditioning refrigerant Each symbols and specification of refrigerant 2. Amount of refrigerant 3. Classification of Compressor lubri- cant Refer to chapter 8 for more detail location of air conditioning refrigerant label. Features of your vehicle WINDSHIELD DEFROSTING AND DEFOGGING • For maximum defrosting, set the Automatic climate control to the extreme system heating right/hot position and the fan speed To defog inside windshield control to the highest speed. Do not use the posion according to the detected ambient temperature, detected ambient temperature and... Features of your vehicle Type A Defogging up interval. It indicates that the defog- the inside of the windshield, the air ging logic is canceled or returned to intake or air-conditioning and heater the programmed status. Features of your vehicle CLEAN AIR OPSE044274N When the POWER button is in the ON position, the clean air function turns of your vehicle CLEAN AIR OPSE044274N When the POWER button is in the ON position. AUTO DEFOGGING SYSTEM This indicator illuminates If your vehicle is equipped with the when the auto defogging system, it is automati- system senses the mois- cally activated when the conditions ture of inside the wind- are met. Features of your vehicle STORAGE COMPARTMENT These compartments can be used to Center console storage Glove box store small items. • To avoid possible theft, do not leave valuables in the storage compartment. • Always keep the storage compartment. • Always keep the storage compartment. sunglass holder, push it Luggage box Type A Do not place other items in the sun- glass holder. WARNING - Sunglass holder. Features of your vehicle INTERIOR FEATURES Cup holder Sunvisor WARNING - Hot liquids Do not place uncovered cups with hot liquid in the cup holder. while the vehicle is in motion. If the hot liquid spills, you burn yourself. Such a burn to the driver could lead to loss of con- trol of the vehicle. Features of your vehicle Seat warmer (if equipped) During mild weather or under condi- CAUTION - Vanity tions where the operation of the seat in the "OFF" position. If you use the vanity mirror lamp, turn off the lamp before •... Page 250 Features of your vehicle \* \* NOTICE WARNING - Seat heater With the seat warmer may mirror lamp, turn off the lamp before •... Page 250 Features of your vehicle \* \* NOTICE \* \* cause seat turns off or on automatically spill some liquid, wipe the seat with a... Features of your vehicle Seat air ventilation (if equipped) ion, press the switch (blue color). • Each time you press the button, the airflow will change as follows: HIGH (MIDDLE (LOW (... Features of your vehicle • When pressing the switch for more Power outlet (if equipped) The devices should draw less than than 1.5 seconds with the seat 10 amps with side Sale reside shock Do not put a finger or a foreign element (pin, etc.) into a power outlet and do not touch with a wet hand. You may get an electric shock. If necessary, contact your authorized To avoid any interference with pedal Kia dealer to obtain a luggage net. operation, Kia recommends that only the Kia floormat designed for use in To prevent damage to the goods or your vehicle be installed. Features of your vehicle Removal and installation Cargo area cover (if equipped) OPS045355 cover and lift it up. Use the cargo area cover (if equipped) OPS045357 2. Firmly hold the folded part of the OPS045355 cover and lift it up. Use the cargo area cover (if equipped) OPS045357 2. Firmly hold the folded part of the Cargo area cover (if equipped) OPS045357 2. Firmly hold the folded part of the Cargo area cover (if equipped) OPS045357 2. Firmly hold the folded part of the OPS045357 2. Firmly hold the folded part of the Cargo area cover (if equipped) OPS045357 2. Firmly hold the folded part of the Cargo area cover (if equipped) OPS045357 2. Firmly hold the folded part of the Cargo area cover (if equipped) OPS045357 2. Firmly hold the folded part of the Cargo area cover (if equipped) OPS045357 2. Firmly hold the folded part of the Cargo area cover (if equipped) OPS045357 2. Firmly hold the folded part of the Cargo area cover (if equipped) OPS045357 2. Firmly hold the folded part of the Cargo area cover (if equipped) OPS045357 2. Firmly hold the folded part of the Cargo area cover (if equipped) OPS045357 2. Firmly hold the folded part of the Cargo area cover (if equipped) OPS045357 2. Firmly hold the folded part of the Cargo area cover (if equipped) OPS045357 2. Firmly hold the folded part of the Cargo area cover (if equipped) OPS045357 2. Firmly hold the folded part of the Cargo area cover (if equipped) OPS045357 2. Firmly hold the folded part of the Cargo area cover (if equipped) OPS045357 2. Firmly hold the folded part of the Cargo area cover (if equipped) OPS045357 2. Firmly hold the folded part of the Cargo area cover (if equipped) OPS045357 2. Firmly hold the folded part of the Cargo area cover (if equipped) OPS045357 2. Firmly hold the folded part of the Cargo area cover (if equipped) OPS045357 2. Firmly hold the folded part of the Cargo area cover (if equipped) OPS045357 2. Firmly hold the folded part of the Cargo area cover (if equipped) OPS0453 of your vehicle WARNING - Objects • Do not place objects on the cargo area cover. Such objects may be thrown about inside the vehicle and possibly injure vehicle and possibly injure vehicle occupants during an accident or when braking. • All cargo should be evenly distributed, properly secured and never piled higher than the seatback. Features of your vehicle AUDIO SYSTEM If you install aftermarket HID head Antenna CAUTION - Antenna lamps, your vehicle's audio and elec- tronic devices may malfunction. Before entering a place with a low height clearance or a car wash, remove the antenna pole by rotating it counterclockwise. Features of your vehicle (VOL+/ VOL-) (1) Audio remote control WARNING - Distracted (if equipped) • Push the VOL + to increase volume. Driving • Push the VOL - to decrease vo the power outlet, noise It will function as the PRESET STA- may occur during playback. If this TION select buttons, happens, use the power source of the portable audio device. Features of your vehicle \* \* NOTICE Speaker lights (if equipped) 1. OFF : The light turns off. 2. MUSIC : When the doors are opened, the lighting system will not operate. The red light blinks according to the sound of the audio. If the audio is not turned on, the light does not turn on. Features of your vehicle How vehicle audio works This can be due to factors, such as AM reception the distance from the radio station, FM reception closeness of other strong radio station, such as AM reception the distance from the radio station, FM reception closeness of other strong radio station, such as AM reception the distance from the radio station, FM reception closeness of other strong radio station, such as AM reception the distance from the radio station, FM reception closeness of other strong radio station, such as AM recepting radio strong radio stro obstructions in the area. Page 262 Features of your vehicle FM radio station JBM003 JBM004 JBM005 • Station Swapping - As an FM sig- FM broadcasts are transmitted at • Fading - As your vehicle moves high frequencies and do not bend to away from the radio station, the nal weakens, another more power- follow the earth's surface. Page 263 Features of your vehicle Using a cellular phone or a two- WARNING WARNING - Cell phone - Audio System way radio Do not disassemble, assemble, assemble, assemble, when a cellular phone or modify the audio system. the vehicle, noise may be produced while driving. Page 264 Features of your vehicle • Pay attention to the volume setting CAUTION WARNING - Distracted when turning the device on. A sud- Driving while distracted can lead to hearing impairment. Features of your vehicle USING THE USB DEVICE (Continued) (Continued) • An encrypted MP3 PLAYER is • You may hear a strange noise • To use an external USB device, not recognizable. when connecting or disconnect- make sure the device is not con- ing a USB device, not recognizable. when connecting or disconnect- make sure the device is not con- ing a USB device. Page 266 Features of your vehicle (Continued) (Continued) • If you use devices such as a • Some USB flash memory read- USB hub purchased separately, ers (such as CF, SD, micro SD, the vehicle's audio system may etc.) external-HDD type not recognizable. Features of your vehicle ® USING iPod DEVICE (Continued) (Continued) • Some iPod devices, such as the • When connecting iPod with the ® ® iPhone is a registered grademark of ® iPhone connected iPod Power Cable, insert the con- @... • Bluetooth refers to a short-distance @ Bluetooth SIG, Inc. and any use of wireless networking technology such marks by Kia is under license. which uses a 2.4GHz ~ 2.48GHz frequency connect various A Bluetooth SIG, Inc. and any use of wireless networking technology such marks by Kia is under license. the vehicle when connecting Phone the head unit with the mobile phone. • Bluetooth Handsfree is a feature (Continued) - When driving on the vehicle ve rugged and uneven roads • When using the voice recognition - During severe rain (heavy rains, feature, only commands listed windstorms) within the user's manual are sup- ported. • Phone related voice commands used only when... Page 271 Features of your vehicle 🔳 🖬 AUDIO : AM1A0B2AN, AM1A0B2KN PS34001N 4 141... Features of your vehicle \* In Setup>Display, the radio pop up SYSTEM CONTROLLERS SETUP CLOCK screen will be displayed when AND FUNCTIONS Briefly press the key (under 0.8 sec- [Mode Pop up] is turned onds) : Moves to the Display, Sound, When the pop up screen is dis- \*... Page 273 Features of your vehicle (6) PWR/VOL knob SCAN Power : Turns power On/Off by Radio mode pressing the knob - Shortly press the key : Previews Volume by turning each broadcast for 5 seconds the knob left/right each. Page 274 Features of your vehicle (11) BACK (13) TUNE knob Go to previous AM/FM mode : screen) - Changes frequency by turning the knob left/right. (12) SiriusXM Radio Mode: 
FOLDER Radio mode - Changes the station by turning the knob left/right. Page 275 Features of your vehicle SETUP Mode Pop up [Mode Pop up] Changes the RADIO key to display Settings • During On state, press the RADIO key to display the mode MEDIA SETUP change pop up screen. Press key Select CLOCK [Display] through TUNE knob or key Select menu through Media Display... Page 276 Features of your vehicle SOUND SETTINGS Sound SETUP Press key Select CLOCK offset outside noise. Page 277 Features of your vehicle \* Adjust the number currently in CLOCK SETTINGS Sound Settings focus to make the settings and This menu is used to set the time. press the tune knob to move to the SETUP Select [Clock Settings] Set through next settings. Page 278 Features of your vehicle SYSTEM SETTINGS Memory Information • Off : This mode is for expert users and omits some information during Displays currently used memory and voice command operation. (When total system memory. SETUP using Expert mode, guidance Press key Select CLOCK Select [Memory Information] OK... Page 279 Features of your vehicle RADIO : FM, AM OR SIRIUS ® Preset SEEK Selecting through manual search Press the Turn the TUNE knob left/right to • Briefly pressing the key (under 0.8 adjust the frequency. seconds): Plays the frequency saved in the corresponding key. •... Page 280 Features of your vehicle MENU (Auto Store) and Info functions. A.Store Press the key Set [A.Store] MENU through TUNE knob or key. Saves broadcasts with superior reception to keys. If no frequencies are received, then the most recently received frequency will be broadcast. Features of your vehicle ® Satellite Radio received to receive the satellite signal, your satellite radio service that broad-vehicle has been equipped with a casts music, sports, news and enter- Satellite Radio channels: tainment programming to radio satellite radio antenna located on the... Page 282 Features of your vehicle For information on extended sub- NOTE: scription terms, contact SiriusXM at SiriusXM services require a sub- 1-888-539-7474. scription sold separately, or as a package, by Sirius XM Radio Inc. If you decide to continue service after your trial, the subscription plan you choose will automatical- ly renew thereafter and you will be charged according to your chosen... Page 283 SiriusXM • Shortly pressing the key (under 0.8 in order for the radio to receive the seconds): Previews each broad- Your Kia vehicle is equipped with a 3- activation signal. cast for 10 seconds each month trial subscription to SiriusXM \*... Page 284 Info (Information) antenna or antenna cable is bro- Displays the Artist/Song info of the ken or unplugged. Please consult current song. with your Kia dealership. 2. Acquiring Signal If this message is displayed, it means that the antenna is covered ®... Page 285 Features of your vehicle BASIC METHOD OF USE : Repeat Random While song (file) is playing USB / iPod / My Music ® (RPT) key (RDM) key USB, iPod , My Music mode: RPT on My Music mode: RDM on screen ®... Page 286 Features of your vehicle Changing Song/File Scan Folder Up) key SEEK TRACK • Searches the next folder. • Shortly pressing the key : Scans all •... Page 287 Features of your vehicle MENU : USB Folder Random Information Press the USB mode Repeat, Random, through the TUNE knob or the TUNE knob or the the the the the the the the the th Page 290 Features of your vehicle Delete Selection My Music • Even if memory is available, a AUX is used to play external MEDIA Press the key Set [ MENU maximum of 6,000 songs can be currently connected with the AUX Del.Sel] through the TUNE knob stored. Page 291 Bluetooth SIG, Inc. and any use of [Audio Streaming] of Phone is such marks by Kia is under license. turned What is Bluetooth Wireless Other trademarks and trade names ... Page 292 Features of your vehicle Starting Bluetooth Using the Bluetooth Using the Bluetooth Wireless Technology Audio Technology A and -My Music-BT Audio. Page 293 Features of your vehicle PHONE (IF EQUIPPED) Making a call using the USB, iPod (B) - Press and hold the key: Rewinds Technology phone features or fast-forwards the current song. Page 294 2 The most recently called number are registered trademarks owned by is redialed. Bluetooth SIG, Inc. and any use of such marks by Kia is under license. Other trademarks and trade names are those of their respective owners. A Bluetooth 8... Page 295 Features of your vehicle 2.Select [OK] button to enter the Pair [Non SSP supported device] Pairing Key / PHONE Phone screen. on the Steering Remote (SSP: Secure Simple Pairing) Controller 4. After a few moments, a screen is displayed where the passkey is entered. Page 296 " and "Visit ers/bluetooth for additional information on pairing your Bluetooth-enabled mobile phone, and to view a phone compatibility list. Page 297 Features of your vehicle • Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth audio related features supported vehicle • After pairing is complete, a con- Connecting a Device From the paired phone list, select the tacts download request is sent device you want to connect and once to the mobile phone. Some select [Connect]. SETUP Press key Select... Page 299 Features of your vehicle Changing Priority From the paired phone list, select • Priority icon will be displayed when the phone you want to switch to the the selected phone is set as a pri- highest priority, then select [Change ority phone. Page 300 Features of your vehicle Disconnecting a Device • When deleting the currently con- nected device, the device will auto- matically be disconnected to pro- SETUP Press key Select Press key Select ceed with the deleting process. CLOCK (Phone) Select [Phone List]... Page 301 Features of your vehicle • If you select the [Call History] but- Answering Calls USING Bluetooth Wireless ® ton but there is no call history data, Technology(if equipped) a prompt is displayed which asks to download call history data. Answering a Call Phone Menu Screen Answering a call with a Bluetooth ... Page 302 Features of your vehicle • When an incoming call pop-up is Favorites Call History displayed, most Audio and SETUP mode features of your vehicle. PHONE [Favorites] History] •... Page 303 Features of your vehicle. Contacts • Up to 1,000 contacts saved in your • It is not possible to begin down- Bluetooth Wireless Technology loading a contact list when the con- ® phone can be download feature has been Press key Select PHONE... Page 304 ® are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Kia issue of such marks by Kia iss under license. Other trademarks and trade names are those of their respective owners. A Bluetooth enabled cell phone is @... Page 305 Features of your vehicle Downloading Contacts Outgoing Volume 1) Connect/Disconnect Phone SETUP SE [Phone] Select [Contacts Download] [Phone] Select [Outgoing Volume] 2) Change Priority : Sets currently selected phone to highest connec- tion priority 3) Delete : Deletes the currently... Page 306 Features of your vehicle Turning Bluetooth System Off] Once Blueto Technology ® is turned off, Bluetooth Wireless ® Technology related features will not be supported within the audio sys- tem. Page 307 Features of your vehicle Skipping Prompt message is being stat- command after the beep (BEEP) ed Shortly press the key on the Using Voice Recognition •... Page 308 Contact Tips: "County Finance Department" instead of "CFD"). The Kia Voice Recognition is operating the contact list, change it to a more some accents or uncommon... Page 309 Features of your vehicle Illustration on using voice commands. • Starting v Command List • Common Commands: These commands can be used in most operations. (However a few commands may not be available during certain operations) Command Function Commands that can be Contacts Screen. Page 311 Features of your vehicle Command Function Command Function FM Preset 1~6 Plays the music saved in AM Preset 1~6 Plays the music saved in AM Preset 1~6. AUX (Auxiliary) Plays the broadcast My Music. saved in AM Preset 1~6. AUX (Auxiliary) Plays the broadcast My Music Plays the broadcast Saved in AM Preset 1~6. AUX (Auxiliary) Plays the broadcast My Music Plays the br available during • Satellite radio commands: Commands that can be FM, AM radio operation. used while listening to Satellite Radio. Command Function Preset 1~6. Channel 0~223 Plays the selected Satellite Radio channel. Page 313 Features of your vehicle • USB commands: Commands available during USB • iPod Commands: Commands available during iPod ® e operation. Command Function Randomly plays the files within the current folder. Page 314 Features of your vehicle • Bluetooth ® • My Music Commands: Comma available during Wireless Technology Audio Commands: Commands available during Bluetooth My Music operation. Wireless ® Technology audio streaming from mobile phone oper- ation Command Second Sig. Inc. and any use of such marks by Kia is under license. SiriusXM services require a subscription sold sep- arately, or as a package, by Sirius XM Radio Inc. If... Driving your vehicle Before driving ......5-32 •... Page 317 Winter driving sour vehicle Before driving source before d starting • Be sure that all windows, outside Fluid levels, such as coolant, brake • Close and lock all doors. mirror(s), and outside lights are fluid, and washer fluid should be •... Page 319 Driving your vehicle WARNING WARNING very store of the surrounding Securely store store into a coolant, brake • Close and lock all doors. items in your Do not drive while intoxicated. areas near your vehicle for peo- vehicle. When you make a sud- Drinking and driving is danger- ple, especially children, before den stop or turn the steering... Driving your vehicle POWER BUTTON Illuminated POWER button position ACC (Accessory) Amber Not illuminated Press the POWER button while it is To turn off the vehicle, press the in the OFF position without depress- POWER button while the vehicle is in motion Redish orange Not illuminated except in an emergency. If the vehicle stops while the vehicle Press the POWER button while it is To start the vehicle, depress the is in motion, this would result in in the ACC position without depress-... Driving your vehicle Starting the vehicle may not start. If the vehicle stalls while the inside the vehicle. Page 323 Driving your vehicle • When the stop lamp fuse is blown, WARNING - Unintended you can't start the vehicle with a new one. If it is not possible, you can start the vehicle with children or vehicle button for 10 seconds while it is in... Driving your vehicle is not ans to hear vehicle is not ans to hear vehicle is still on, generates engine sound for pedestrian Warning System on the instrument cluster is still on, generates engine sound because there is little sound while the Electric turned off and can move when you... Driving your vehicle ACTIVE ECO button is pressed again. Active ECO button is pressed again. Active ECO button is pressed again. Driving your vehicle REDUCTION GEAR Depress the brake pedal and the lock release button when shifting. Press the lock release button when shifting. The shift lever can be shifted freely. OPSE054007 5 11... Driving your vehicle Transaxle ranges Reduction The indicator in the instrument clus- gear ter displays the shift lever position WARNING - Leaving the To avoid damage to your reduc- when the POWER button is in the vehicle R (Reverse) N (Neutral) B (Regenerative brake): maximum regenerative braking mode Use this position to drive the vehicle The wheels and gear are not backward. engaged. The vehicle will roll freely Use it when you desire to use regen- even on the slightest incline unless erative braking. Page 329 3. Move the shift lever for safety reasons. Driving your vehicle Moving up a steep grade from a Good driving practices standing start • Never move the gear shift lever To move up a steep grade from a from P (Park) to any other position standing start, depress the brake with accelerator pedal... Take your vehicle to they have been affected in this way. Do not drive with your foot rest- an authorized Kia dealer and have Always test your brakes in this fash- ing on the brake pedal. This will the system checked. Page 332 Driving your vehicle In the event of brake fail to operate while When your brakes fail to operate while When your brake fail to operate while When your brakes fail to operate when your brakes you will hear Do not ignore high pitched make an emergency stop with the a high-pitched warning sound from... Driving your vehicle \* \* NOTICE Releasing the parking brake (EPB) A click or electric brake motor Applying the parking brake Electric brake motor Applying the parking brake whine sound may be heard while operating or releasing the EPB, but these conditions are normal and indicate that the EPB is functioning properly. Page 334 Do not follow the above procedure R (Reverse) or D (Drive). checked by an authorized Kia dealer. when driving on a flat level ground. 1. The vehicle is in the ready (The vehicle may suddenly move for- EPB (electric parking brake) may be mode. Page 335 Driving your vehicle System warning If the above situation occurs, depress • A click or electric brake motor the brake pedal and release EPB by whine sound may be heard while pressing the EPB, but these conditions are normal and indicate that the EPB is functioning WARNING... Page 336 Driving your vehicle EPB malfunction following circumstances: a flatbed tow truck and have the sys- moving except in an emergency •... Page 338 ABS to on, you may have a problem with operation of the anti-lock brake control the force being delivered to your ABS. Contact an authorized Kia system may result in a longer stop- the brakes. dealer as soon as possible. - including driving at safe speeds ABS system is normal. Otherwise, for the conditions. you may have a problem with the ABS. Contact an authorized Kia The Electronic system... Page 340 Driving your vehicle \*\* NOTICE ESC operation When the ESC is in opera-ESC ON condition A click sound may be heard in the tion, the ESC indicator light motor compartment when the vehi- • When the POWER button blinks. Page 341 Driving your vehicle ESC operation off ESC off states. If the POWER button is turn off when ESC is off, ESC remains off. Upon restarting the vehicle, the ESC will automatically turn on again. OPSE054013L OPSE054014L •... Page 342 Driving your vehicle Indicator light ESC ofF usage CAUTION When driving ESC indicator light Driving with varying tire or • ESC should be turned on for daily wheel sizes may cause the ESC driving whenever possible. \* NOTICE Vehicle stability management The VSM does not operate when: (VSM) • Driving on bank road such as gra- • When operating the vehicle on a dient or incline dynamometer, ensure that the This system provides further ESC is turned off (ESC OFF light... 2 seconds. authorized Kia dealer and have the even with installed VSM. Always The HAC is activated only for about 2 system checked. Kia dealer for assis- and stop in a safe place. tance. Page 346 Driving your vehicle • If your ing brake can freeze in the vehicle creep forward. To avoid engaged position. This is most like- creeping forward, keep your foot ly to happen when there is an firmly on the brake pedal when the accumulation of snow or ice... Driving your vehicle CRUISE control is left on WARNING - Misuse of (CRUISE indicator light in the instrument cluster illuminated), the Cruise control can be switched on Do not use cruise control if the accidentally. Driving your vehicle Cruise control sys-1. Press the CRUISE : Turns cruise control sys-1. Press the CRUISE indicator light in the tem on or off. Driving your vehicle To increase cruise control set To decrease the cruising To temporarily accelerate with speed: the cruise control on: If you want to speed will not interfere with cruise control on change the set speed. Driving your vehicle Each of these actions will cancel To cancel cruise control operation (the SET one of the following: more than approximately 20 indicator light in the instrument clus- mph (30 km/h): ter will go off), but it will not turn the system off. Driving your vehicle To turn cruise control off, do one of the following: OPS053017 • Press the CRUISE button (the CRUISE indicator light in the instrument cluster will go off). • Turn the vehicle off. Both of these actions cancel cruise control operation. Driving your vehicle's energy economy • Drive at a moderate speed. The • Be sure that the wheels are depends mainly on your style of drivfaster you drive, the more energy aligned correctly. Improper align- ment can result from hitting curbs ing, where you drive and when you your vehicle . Weight reduces energy economy. - Vehicle off during motion • Open windows at high speeds can Never turn the POWER button reduce energy economy. off to coast down hills or any- time the vehicle is in motion. Driving your vehicle SPECIAL DRIVING CONDITIONS Hazardous driving conditions • If stalled in snow, mud, or sand, Reducing the risk of a rollover use second gear. Accelerate slow- When hazardous driving conditions This end. multi-purpose passenger vehi- ly to avoid spinning the drive are encountered such as water, cle is defined as a Crossover Utility wheels. Driving your vehicle If at all possible, avoid sharp turns or Rocking the vehicle CAUTION - Vehicle rocking abrupt maneuvers, do not load your If it is necessary to rock the vehicle roof rack with heavy cargo, and Prolonged rocking may cause to free it from snow, sand, or mud, never modify your vehicle in any way. Driving at night • Adjust your mirrors to reduce the glare from other driver's head- lights. feature.) Dirty or improperly aimed headlights will make it much more difficult to see at night. Driving your vehicle Driving in flooded areas to see and will increase the dis- Avoid driving through flooded areas to see and will make it harder Driving in flooded areas to see and will increase the dis- Avoid driving through flooded areas to see and will increase the dis- Avoid driving through flooded areas to see and will make it harder Driving in flooded areas to see and will increase the dis- Avoid driving through flooded areas to see and will increase the dis- Avoid driving through flooded areas to see and will increase the dis- Avoid driving through flooded areas to see and will increase the dis- Avoid driving through flooded areas to see and will increase the dis- Avoid driving through flooded areas to see and will increase the dis- Avoid driving through flooded areas to see and will increase the dis- Avoid driving through flooded areas to see and will increase the dis- Avoid driving through flooded areas to see and will increase the dis- Avoid driving through flooded areas to see and will increase the dis- Avoid driving through flooded areas to see and will increase the dis- Avoid driving through flooded areas to see and will increase the dis- Avoid driving through flooded areas to see and will increase the dis- Avoid driving through flooded areas to see and will increase the dis- Avoid driving through flooded areas to see and will increase the dis- Avoid driving through flooded areas to see and will increase the dis- Avoid driving through flooded areas to see and will increase the dis- Avoid driving through flooded areas to see and will increase the dis- Avoid driving through flooded areas to see and will increase the dis- Avoid driving through flooded areas to see and will increase the dis- Avoid driving through flooded areas to see and will increase the dis- Avoid driving through flooded areas to see and will increase the dis- Avoid driving through flooded areas to see and will increase the dis- Avoid d Driving your vehicle Driving off-road WARNING - Under/over - Tire tread Drive carefully off-road because your inflated tires for prop- before driving your vehicle. roots of trees. Driving your vehicle WINTER DRIVING Snow tires Snowy or icy conditions If you mount snow tires on your vehi-To drive your vehicle in deep snow, it cle, make sure they are radial tires of may be necessary to use snow tires. Page 360 Driving your vehicle Tire chains, install them When mounting snow chains, park on the front tires only. the vehicle on level ground away from traffic. Turn on the vehicle Hazard Warning flashers and place a triangu- CAUTION - Snow chains lar emergency warning device behind... Kia dealer or a service tions on the container. Window wash- • Stop driving and retighten the station. er anti-freeze is available from an... Driving your vehicle TRAILER TOWING Don't let ice and snow accu- We do not recommend using this mulate underneath the... Driving your vehicle VEHICLE LOAD LIMIT Vehicle capacity weight: Towing capacity: Tire and loading information label We do not recommend using this 827 lbs. (375 kg) vehicle for trailer towing. Vehicle capacity weight is the maxi- mum combined weight of occupants and cargo. Page 364 Driving your vehicle Cargo capacity: Steps for determining correct 6. If your vehicle will be towing a trail- load limit er, load from your trailer will be The cargo capacity of your vehicle. will increase or decrease depending 1. Page 365 Driving your vehicle transferred your vehicle. Vehicle Capacity 1400 lbs Vehicle Capacity 1400 lbs Vehicle Capacity 1400 lbs Vehicle Capacity 1400 lbs Weight (635 kg) Weight equipment to a weigh station and weigh your vehicle can carry. Page 367 Driving your vehicle can blunt objects in the passenger cause heat buildup in your vehicle can blunt objects in the passenger cause heat buildup in your vehicle can carry. possible tire fail- (e.g. Driving your vehicle VEHICLE WEIGHT GLOSSARY This section will guide you in the Cargo weight added trailer, to keep your loaded vehicle to the Base Curb Weight, including This is the maximum allowable weight within will flash simultaneously. •... 3. Try to start the vehicle again. If from traffic. If you have a flat tire while your vehicle will not start, contact 4. When changing a flat tire, follow an authorized Kia dealer or seek driving the instruction provided later in other qualified assistance. START If vehicle doesn't turn over or WARNING - Push/pull turns over slowly start 1. Be sure the shift lever is in N Do not push or pull the vehicle (Neutral) or P (Park) and the to start it. What to do in an emergency EMERGENCY STARTING Jump starting Jumper Cables WARNING - Battery Jump starting can be dangerous if Never attempt to check the elec- done incorrectly. Therefore, to avoid trolyte level of the battery as harm to yourself or damage to your this may cause the battery to vehicle or battery, follow these jump rupture or explode causing seri-... Page 374 What to do in an emergency Jump starting procedure Do not allow the jumper cables to WARNING - Battery contact anything except the cor- 1. Make sure the booster battery is rect battery terminals or the cor- Keep all flames or sparks away 12-volt and that its negative termi- rect ground. If the cause of your battery discharg- could cause a collision with the ing is not apparent, you should have towing vehicle. your vehicle checked by an author- ized Kia dealer. If overheating happens again, cle. (If the air conditioning had call an authorized Kia dealer for been in use, it is normal for cold assistance. water to be draining from it when Serious loss of coolant indicates you stop). What to do in an emergency TIRE PRESSURE MONITORING SYSTEM (TPMS) Each tire, including the spare (if pro- Please note that the TPMS is not a vided), should be checked monthly substitute for proper tire mainte- when cold and inflated to the inflation nance, and it is the driver's responsi- pressure label leads to a proportional lowering of to your nearest authorized Kia deal- located on the driver's side center pil- tire pressure. er and have the system checked by an authorized Kia dealer interfere with normal operation of as soon as possible to determine the Tire Pressure Monitoring cause of the problem. Kia dealer as soon as possible or be deactivated. If the TPMS sensor After you replace the low pressure replace the flat tire with the spare... Page 381 What to do in an emergency You may not be able to identify a low • The TPMS cannot alert you to This device complies with Part tire by simply looking at it. Always severe and sudden tire damage 15 of the FCC rules. use a good quality tire pressure caused by external factors such as Operation is subject to the following... Kia deal- car tire caused by nails or similar er as soon as possible. objects and reinflates the tire. Page 383 • Use of the Tire Mobility Kit may not the sealant bottle! be effective for tire damage larger than approximately 0.24 in (6 mm). Please contact the nearest Kia dealership if the tire cannot be made roadworthy with the Tire Mobility Kit. What to do in an emergency 9. Hose to connect compressor and Components of the Tire Mobility Kit sealant bottle or compressor and wheel Connectors, cable and connection hose are stored in the compressor housing. WARNING - Expired sealant Do not use the Tire sealant bottle (1), and place it in a highly visible place inside the vehicle such as on the steering wheel to remind the driv- er not to drive too fast. 29 PSI(200kpa). This Therefore, remove the tire pressure could result in an accident due sensors and wheel stained by to sudden tire failure. sealant volume: sure : Switch on the compres- approved by Kia, the tire pres 12.2 cu. in. (200 ml) sor, position I. To check the cur- sure sensors may be damaged rent inflation pressure setting, by sealant. Use wheel lift or ation as a rollover. we recommend having it done by an flatbed equipment. authorized Kia dealer or a commer- cial tow-truck service. Proper lifting and towing procedures are neces- sary to prevent damage to the vehi- cle. What to do in an emergency Removable towing hook CAUTION WARNING - Towing gear - Towing EV Front position Never tow the vehicle with the Failure to place the shift lever in front wheels on the ground (for- N (Neutral) may cause internal ward or backward), as this may damage to the transaxle. OPSE064009 • The drivers of both vehicles should If towing is necessary, we recom- communicate with each other fre- mend you to have it done by an quently. authorized Kia dealer or a com- mercial tow truck service. Page 391 What to do in an emergency towing precautions • Attach a towing strap to the tow hook. • Turn the ignition switch to ACC so • Using a portion of the vehicle other the steering wheel isn't locked. than the tow hooks for towing may •... Page 392 What to do in an emergency CAUTION To avoid serious damage to the reduction gear, limit the vehicle speed to 10 mph (15 km/h) and drive less than 1 mile (1.5 km) when towing. \* \* NOTICE Before towing, check the reduction gear for fluid leaks under your vehi- cle. Maintenance Motor room compartment.....7-3 Tires and wheels ......7-36 •.... Maintenance MOTOR ROOM COMPARTMENT 1. Coolant reservoir 3. Fuse box 4. Positive battery terminal 5. Negative battery terminal 6. Radiator cap 7. Windshield washer fluid reservoir 3. Fuse box 4. Positive battery terminal 5. Negative battery terminal 6. Radiator cap 7. Windshield washer fluid reservoir 3. Fuse box 4. Positive battery terminal 5. Negative battery terminal 6. Radiator cap 7. Windshield washer fluid reservoir 3. Fuse box 4. Positive battery terminal 5. Negative battery terminal 5. Negative battery terminal 6. Radiator cap 7. Windshield washer fluid reservoir 3. Fuse box 4. Positive battery terminal 5. Negative battery terminal 5. Negative battery terminal 6. Radiator cap 7. Windshield washer fluid reservoir 3. Fuse box 4. Positive battery terminal 5. Negative battery terminal 6. Radiator cap 7. Windshield washer fluid reservoir 3. Fuse box 4. Positive battery terminal 5. Negative battery terminal 6. Radiator cap 7. Windshield washer fluid reservoir 4. Positive battery terminal 5. Negative battery terminal 5. Negative battery terminal 5. Negative battery terminal 6. Radiator cap 7. Windshield washer fluid reservoir 7. Fuse box 4. Positive battery terminal 5. Negative battery terminal 6. Radiator cap 7. Windshield washer fluid reservoir 8. Fuse box 4. Positive battery terminal 5. Negative battery terminal 5. Negative battery terminal 6. Radiator cap 7. Windshield washer fluid reservoir 8. Fuse box 4. Positive battery terminal 5. Negative battery terminal 5. Negative battery terminal 6. Radiator cap 7. Windshield washer fluid reservoir 8. Fuse battery terminal 5. Negative battery termin the vehicle may differ from the illustration. OPSE075001... Kia dealer meets Kia's high service tion procedures. quality standards and receives tech- Maintenance Service and Record nical support from Kia in order to pro- Retention are the owner's responsi- Should you have any doubts con- vide you with a high level of service bility. As explained earlier in this section, become entangled in moving several procedures can be done only parts, if you must run the vehi- by an authorized Kia dealer at the frequencies ing effort or looseness in the steer- coolant reservoir. holes. • Check the operation of all exterior • Lubricate the door hinges and lights, including the stoplights, turn checks, and hood hinges. Maintenance SCHEDULED MAINTENANCE SERVICE If your vehicle is operated under the Follow the Normal Maintenance above conditions, should Schedule if the vehicle is usually inspect, replace or refill more fre-operated where none of the following conditions, should Schedule if the vehicle is usually inspect, replace or refill more fre-operated where none of the following conditions, should Schedule if the vehicle is usually inspect, replace or refill more fre-operated where none of the following conditions, should Schedule if the vehicle is usually inspect, replace or refill more fre-operated where none of the following conditions, should Schedule if the vehicle is usually inspect, replace or refill more fre-operated where none of the following conditions, should Schedule if the vehicle is usually inspect, replace or refill more fre-operated where none of the following conditions, should Schedule if the vehicle is usually inspect, replace or refill more fre-operated where none of the following conditions, should Schedule if the vehicle is usually inspect, replace or refill more fre-operated where none of the following conditions, should Schedule if the vehicle is usually inspect, replace or refill more fre-operated where none of the following conditions, should Schedule if the vehicle is usually inspect, replace or refill more fre-operated where none of the following conditions, should Schedule if the vehicle is usually inspect, replace or refill more fre-operated where none of the following conditions, should Schedule if the vehicle is usually inspect, replace or refill more fre-operated where none of the following conditions, should Schedule if the vehicle is usually inspect, replace or refill more fre-operated where none of the following conditions, should Schedule if the vehicle is usually inspect, replace or refill more fre-operated where none of the following conditions, should Schedule if the vehicle is usually inspect. Normal ing conditions apply, follow the Maintenance Schedule. Page 400 Maintenance NORMAL MAINTENANCE SCHEDULE The following maintenance services must be performed to ensure good emission control and performance. Keep receipts for all vehicle emission services must be performed to ensure good emission control and performance. fre- quency of service is determined by whichever occurs first. : When adding coolant, use only deionized water or soft water for your vehicle and never mix hard water in the coolant filled at the factory. Page 401 Maintenance NORMAL MAINTENANCE SCHEDULE (CONT.) 7,500 miles (12,000 km) or 6 months 15,000 miles (24,000 km) or 12 months □ Inspect air conditioning compressor, air conditioner refriger- ant and performance (if equipped) and performance (if equipped) and and performance (if equipped) and performance (if equi months Inspect air conditioning compressor, air conditioner refriger- Rotate tires - including tire pressure and tread wear ant and performance (if equipped) (Every 3,750 miles (60,000 km) or 6 months) I... Page 403 Maintenance (if equipped) (Every 3,750 miles (60,000 km) or 6 months) I... Page 403 Maintenance (if equipped) (Every 3,750 miles (60,000 km) or 6 months) I... Page 403 Maintenance (if equipped) (Every 3,750 miles (60,000 km) or 6 months) I... Page 403 Maintenance (if equipped) (Every 3,750 miles (60,000 km) or 6 months) I... Page 403 Maintenance (if equipped) (Every 3,750 miles (60,000 km) or 6 months) I... Page 403 Maintenance (if equipped) (Every 3,750 miles (60,000 km) or 6 months) I... Page 403 Maintenance (if equipped) (Every 3,750 miles (60,000 km) or 6 months) I... Page 403 Maintenance (if equipped) (Every 3,750 miles (60,000 km) or 6 months) I... Page 403 Maintenance (if equipped) (Every 3,750 miles (60,000 km) or 6 months) I... Page 403 Maintenance (II equipped) (Every 3,750 miles (60,000 km) or 6 months) I... Page 403 Maintenance (II equipped) (Every 3,750 miles (60,000 km) or 6 months) I... Page 403 Maintenance (II equipped) (Every 3,750 miles (60,000 km) or 6 months) I... Page 403 Maintenance (II equipped) (Every 3,750 miles (60,000 km) or 6 months) I... Page 403 Maintenance (II equipped) (Every 3,750 miles (60,000 km) or 6 months) I... Page 403 Maintenance (II equipped) (Every 3,750 miles (60,000 km) or 6 months) I... Page 403 Maintenance (II equipped) (Every 3,750 miles (60,000 km) or 6 months) I... Page 403 Maintenance (II equipped) (Every 3,750 miles (60,000 km) or 6 months) I... Page 403 Maintenance (II equipped) (Every 3,750 miles (60,000 km) or 6 months) I... Page 403 Maintenance (II equipped) (Every 3,750 miles (60,000 km) or 6 months) I... Page 403 Maintenance (II equipped) (Every 3,750 miles (60,000 km) or 6 months) I... Page 403 Maintenance (II equipped) (Every 3,750 miles (60,000 km) or 6 months) I... Page 403 Maintenance (II equipped) (Every 3,750 miles (60,000 km) or 6 mont 36 months Inspect air conditioning compressor, air conditioner refriger- Inspect reduction gear oil Rotate tires - including tire pressure and tread wear ant and performance (if equipped) .... Page 404 Maintenance NORMAL MAINTENANCE SCHEDULE (CONT.) 52,500 miles (84,000 km) or 42 months 60,000 miles (96,000 km) or 48 months Inspect air conditioning compressor, air conditioner refriger- Contest (6,000 km) or 6 months) ... Page 405 Maintenance NORMAL MAINTENANCE SCHEDULE (CONT.) 67,500 miles (108,000 km) or 54 months 75,000 miles (120,000 km) or 60 months 🗆 Rotate tires - including tire pressure and tread wear 🗅 Inspect air conditioning compressor, air conditioner refriger- (Every 3,750 miles (6,000 km) or 6 months) ant and performance (if equipped) 🗆 ... Page 406 Maintenance NORMAL MAINTENANCE SCHEDULE (CONT.) 82,500 miles (132,000 km) or 66 months 90,000 miles (144,000 km) or 72 months Inspect air conditioning compressor, air conditioner refriger- Rotate tires - including tire pressure and tread wear ant and performance (if equipped) (Every 3,750 miles (6,000 km) or 6 months) I... Page 407 Maintenance NORMAL MAINTENANCE SCHEDULE (CONT.) 97,500 miles (156,000 km) or 78 months 105,000 miles (156,000 km) or 6 months) (168,000 km) or 84 months Inspect air conditioning compressor, air conditioner refriger- Rotate tires - including tire pressure and tread wear ant and performance (if equipped) (Every 3,750 miles (6,000 km) or 90 months) 120,000 miles (192,000 km) or 96 months 🗆 Rotate tires - including tire pressure and tread wear 🗆 Inspect air conditioning compressor, air conditioning compressor, air conditioner refriger- (Every 3,750 miles (6,000 km) or 6 months) ant and performance (if equipped) 🗆 ... Page 409 Maintenance MAINTENANCE UNDER SEVERE USAGE CONDITIONS The following items must be serviced more frequently on cars mainly used under severe driving conditions. Refer to the chart below for the appropriate maintenance item... Page 410 Maintenance item Maintenance item Maintenance itervals. R : Replace I : Inspect and if necessary, adjust, correct, clean or replace Maintenance itervals. operation condition Inspect more frequently C, D, E, F, Drive shaft and boots depending on the condition G, H, I, K Replace more frequently Climate control air filter (if equipped) C, E, G depending on the condition SEVERE DRIVING CONDITIONS A : Repeatedly driving short distance of less than 8 km (5... For more information on checking aged parts. the pads or lining wear limit, we rec- Brake fluid ommend you to refer to the Kia web- Check the brake fluid level in the site. Coolant brake fluid reservoir. The level should () Page 412 Maintenance Steering gear box, linkage & Air conditioning refrigerant boots/lower arm ball joint Check the air conditioning lines and With the vehicle stopped and off, connections for leakage and dam- check for excessive free-play in the age. steering wheel. Check the linkage for bends or dam- age. Maintenance COOLANT The high-pressure cooling system Checking the coolant level Turn the vehicle off and wait until it has a reservoir filled with year round cools down. Use extreme care when antifreeze coolant. The reservoir is removing the radiator cap. Wrap a WARNING filled at the factory. Page 414 If the coolant level to F, but do not over- fill. If frequent additions are required, see an authorized Kia dealer for a cooling system inspection. Maintenance For mixture percentage, refer to the Changing the coolant following table. Have the coolant changed by an authorized Kia dealer according to Mixture Percentage the Maintenance Schedule at the Ambient (volume) beginning of this chapter. Temperature Antifreeze Water Put a thick cloth around the radiator 5°F (-15°C) Kia dealer. If the level is low, add fluid to the When changing and adding brake MAX level. The level will fall with fluid, handle it carefully. Page 417 Maintenance CAUTION Brake fluid to con- tact the vehicle's body paint, as paint damage will result. Brake fluid to the When changing and adding brake fluid to con- tact the vehicle's body paint, as paint damage will result. never be used as its quality cannot be guaranteed. Maintenance WASHER FLUID Checking the washer fluid to antifreeze in the washer fluid to ant CLIMATE CONTROL AIR FILTER Filter inspection & replaced earlier. Page 420 Maintenance OPSE07402 OPS073011 3. Remove the climate control air filter. ter case by pulling out both sides 5. Reassemble in the reverse order of the cover. of disassembly. When replacing the climate control air filter install it properly. Maintenance WIPER BLADES Blade inspection Contamination of either the windshield or the wiper blades with for- When the wipers no longer clean eign matter can reduce the effective- adequately, the blades may be worn ness of the windshield wipers. or cracked, and require replacement. Page 422 Maintenance Front windshield wipers. or cracked, and require replacement. wiper arm and turn the wiper arms 1JBA7038 Do not allow the wiper arm (3) and OHM078062 install the new blade assembly in 1. Raise the wiper arm and pull out the reverse order of removal. the wiper blade assembly. 5. Return the wiper arm on the wind- shield. Page 424 3. Make sure the blade assembly is installed firmly by trying to pull it slightly. To prevent damage to the wiper arms or other components, have an authorized Kia dealer replace the wiper blade. Maintenance BATTERY For best battery service Always read the following WARNING - Risk of instructions carefully when handling a battery. explosion Keep lit cigarettes and If any electrolyte gets into other flames your eyes, flush your eyes, flush your eyes and If any electrolyte gets into other flames your eyes. unauthorized elec- Your vehicle has a maintenance-free, trocution tronic devices to the battery, 1.Turn off the battery. Never touch the electrical igni- tery may be discharged. Never use •... Maintenance When recharging battery, 1.Turn off the battery charger main Reset items observe the following precautions: switch. Items should be reset after the bat- • The battery must be removed from 2.Unhook the negative clamp from tery has been discharged or the bat- the vehicle and placed in an area the negative battery terminal. Maintenance TIRES AND WHEELS Tire care WARNING - Tire under For proper maintenance, safety, and inflation maximum fuel economy, you must Inflate your tire consistent with always maintain recommended tire the instructions provided in this inflation pressures and stay within manual. Use a good quality gauge to check • Never overload your vehicle. Be authorized Kia dealer. tire pressure. You cannot tell if your careful not to overload your vehicle. Be authorized Kia dealer. tire pressure. the valve cap from the tire • Inspect your tires frequently for Tire rotation valve stem. Press the tire gauge firm- proper inflation as well as wear and To equalize tread wear, it is recom- ly onto the valve to get a pressure damage. Maintenance Wheel alignment and tire bal- WARNING - Mixing tires ance Do not mix bias ply and radial The wheels on your vehicle were ply tires under any circum- aligned and balanced carefully at the stances. This may cause unusu- factory to give you the longest tire life al handling characteristics. CAUTION - Wheels less than 1/16 inch (1.6 mm) of tread left on the tire. Replace the tire when Wheels that do not meet Kia this happens, specifications may fit poorly Do not wait for the band to appear and result in damage to the... Maintenance 2. Tire size designation. You will need this drive on worn tires, tires that are information when selecting replace- improperly inflated or on slippery ment tires for your vehicle. Page 434 Maintenance P - Applicable vehicle type (tires Wheel size designation Tire speed ratings marked with the prefix "P" are Wheels are also marked with impor- The chart below lists many of the dif- intended for use on passenger tant information that you need if you ferent speed ratings currently being vehicles or light trucks;... Page 435 Maintenance 3. Checking tire life (TIN : Tire 4. Tire ply composition and mate- WARNING - Tire age Identification Number) rial Replace tires within the recom- Any tires that are over 6 years old, The number of layers or plies of rub- mended time frame. Page 436 Maintenance 6. Maximum load rating Tread wear Traction - AA A, B & C This number indicates the maximum The tread wear grade is a compara- The traction grades, from highest to load in kilograms and pounds that tive rating based on the wear rate of lowest, are AA, A, B and C. Page 437 Maintenance Temperature -A, B & C Tire terminology and definitions Cold Tire Pressure: The amount of air pressure in a tire, measured in The temperature grades are A (the Air Pressure: The amount of air pounds per square inch (psi) or kilo- highest), B and C representing the inside the tire pressing outward on pascals (kPa) before a tire has built... Page 438 Maintenance Intended Outboard Sidewall: The Maximum Loaded Vehicle Weight: Pneumatic tire: A mechanical device made of rubber, chemicals, side of an asymmetrical tire, that The sum of curb weight; accessory weight; accessory weight; and fabric and steel or other materials, must always face outward when mounted on a vehicle. Page 439 Vehicle Capacity Weight: The num- All season tires between the tread and the bead. ber of desig nated seating positions Kia specifies all season tires on multiplied by 150 lbs. (68 kg) plus the Speed Rating: An alphanumeric some models to provide good per- rated cargo and luggage load. Page 440 Maintenance Snow tires • When driving on roads covered Radial-ply tires provide improved 20 mph (30 km/h). tires, they should be the same size tread life, road hazard resistance and •... Page 441 - If the tire is impacted, we rec- ommend that you inspect the tire condition or contact an authorized Kia dealer. - To prevent damage to the tire, inspect the tire condition and pressure every 1,900 miles (3,000 km). Page 442 Maintenance • It is not easy to recognize the tire damage with your own eyes. But if there is the slightest hint of tire damage, even though you cannot see the tire damage, even though you cannot see the tire damage, even though you cannot see the tire damage with your own eyes. But if there is the slightest hint of tire damage, even though you cannot see the tire damage may cause air leakage from the tire. Avoid devices and then separation (-) ter- using the system involved and imme- minal from the battery in a safe Normal diately consult an authorized Kia place. dealer. \* \* NOTICE The actual fuse/relay of the vehicle. Page 444 Kia dealer. function. recommend that you consult with an authorized Kia place. dealer. panel label may differ depending on equip- ment/options. Page 445 Spare fuses are provided in the motor compartment fuse panel. 5. Push in a new fuse of the same rating, and make sure it fits tightly in the clips. If it fits loosely, consult an authorized Kia dealer. Page 447 Multi fuse cAUTION - Fuse panel in the motor compartment, secure- ly install the fuse panel cover with using cover locking sound. If not, electrical failures may occur from water contact. Maintenance Fuse/relay panel description OPSE075010N Inside the fuse/relay panel covers, you can find the fuse/relay name and capacity. \* \* NOTICE OPSE074028L Not all fuse panel descriptions in this manual may be applicable to your vehicle. It is accurate at the time of printing. Page 449 Maintenance Instrument panel (Driver's side fuse panel) Fuse Name Fuse rating Circuit Protected POWER OUTLET 2 Front Power Outlet MODULE 6... Page 450 Maintenance Fuse Name Fuse rating Circuit Protected MODULE 1 IBAU Integrated Brake Actuation Unit Tire Pressure Monitoring Module, Crash Pad Switch, Rear Parking Assist Sensor RH/LH (IN/OUT), Front Parking Assist Sensor LH/RH (OUT/IN) MODULE 3 ATM Lever Indicator, Multipurpose Check Connector, PCB Block (IG3 #4 Relay) Page 451 Maintenance Motor compartment fuse panel OPSE074012 OPSE074027L 7 59... Page 452 Maintenance Fuse rating Circuit Protected MDPS Unit 150A Alternator Smart Junction Block (Fuse - (S/HEATER FRT, TAIL GATE OPEN, DR LOCK, P/WINDOW LH, P/WINDOW RH, MODULE 7)) Smart Junction Block (Fuse - (PDM 1, PDM 2, BRAKE SWITCH, Leak Current Autocut Device) IPS1, Arisu-LT1) PCB Block (Button Start (IG2) Relay) POWER OUTLET... Page 453 Maintenance Fuse rating Circuit Protected Button Start (ACC) Relay, Button Start (IG1) Relay BLOWER Blower Relay IG3 1 IG3 #1/#2/#3/#4/#5 Relay EPB 1 Electronic Parking Brake Module EPB 2 Electronic Pa Motor compartment fuse panel (Battery terminal cover) OPSE074014 \* NOTICE The actual fuse/relay panel label may differ depending on equip- ment/options. OPSE074015L... - Light WARNING Lights the correct bulbs and the expertise, replacement consult an authorized Kia dealer. In Prior to working on the light, many cases, it is difficult to replace Be sure to replace the burned- firmly apply the parking brake,... Maintenance Front light replacement If the headlight aiming adjustment is necessary after headlight (Low) Handle halogen bulbs (2) Headlight (Low) Handle halogen bulbs with care. (3) Front position light/ •... Page 457 Maintenance • Always handle them carefully, and 1. Turn off the vehicle and open the avoid contact with 2. Disconnect the power connector liquids. Never touch the glass with from the back of the headlight bare hands. Page 458 Maintenance Headlight bulb (High, Low) 5. Pull out the end of the front 11. Install a new headlight bulb and bumper. snap the headlight bulb retaining wire into position by aligning the light bulb retaining wir operating, have assembly by turning the socket the vehicle checked by an authorized counterclockwise until the tabs on Kia dealer. (2) Tail and side marker light (LED) (3) Rear turn signal light \* NOTICE (4) Back-up light If the headlight aiming adjustment is necessary after the headlight assembly is reinstalled, consult an authorized Kia dealer. Page 461 Maintenance Turn signal light 6. Insert a new bulb by inserting it until it locks into place. 7. Install the socket and rotating it until it locks into place. assembly and turning the socket clockwise. Page 462 Tail.stop light and side marker light (LED type) If the light does not operate, have the system be checked by an authorized Kia dealer. Back-up OPS073036 OPS073045 Follow the steps 1 to 3 from the pre-vious page. Maintenance LED type License plate light bulb replacement OPS073053 OPS073050 4.Pull out the module from the lens by pressing the mounted stop light assembly by tabs. pulling both clips. 2. Remove the socket from the lens from the interi- or light housing. 2. Remove the bulb by pulling it straight out. WARNING - Interior lights Room lamp Prior to working on the Interior Lights, ensure that the "OFF"... Maintenance APPEARANCE CARE Exterior care Even prompt washing with plain CAUTION water may not completely remove all Exterior general caution these deposits. A mild soap, safe for • Do not use strong soap, chem- It is very important to follow the label use on painted surfaces, may be ical detergents or hot water, directions when using high-pressure wash- Wax the vehicle when water will no ers, make sure to maintain suffi- longer bead on the paint. cient distance from the vehicle. Always wash and dry the vehicle Insufficient clearance or excessive before waxing. Page 467 Maintenance & \* NOTICE Underbody maintenance & \* NOTICE Underbody maintenance \* \* requires any metal repair or body with a dry cloth will collect on the underbody. Page 468 Maintenance Aluminum wheel maintenance Corrosion protecting your vehi-le from corro- with a clear protective finish. cle is regularly exposed to corrosive sion materials, corrosion protection is •... Page 469 Maintenance High temperatures can also acceler- Keep your vehicle clean • When cleaning lower door panels, ate corrosion of parts that are not rocker panels and frame members. The best way to prevent corrosion is properly ventilated so the moisture be sure that drain holes are kept to keep your vehicle clean and free can be dispersed. Maintenance Keep paint and trim in good con- Don't neglect the interior Care dition Moisture can collect under the floor Interior general precautions Scratches or chips in the finish mats and carpeting and cause corro- Prevent chemicals such as perfume, should be covered with "touch-up"... Page 471 Maintenance Cleaning the upholstery and inte- Cleaning the lap/shoulder belt CAUTION - Leather rior trim webbing When cleaning leather products Clean the belt webbing with any mild Vinyl (steering wheel, seats etc.), use soap solution recommended for Remove dust and loose dirt from neutral detergents or low alco- cleaning upholstery or carpet. Maintenance CALIFORNIA PERCHLORATE NOTICE Perchlorate Material-special handling may apply, See www.dtsc.ca.gov/haz- ardouswaste/ perchlorate containing materials, such as air bag inflators, seatbelt pretensioners and keyless remote entry batteries, must be disposed of according to Title 22 California Code of Regulations Section 67384.10 (a). Specifications, Consumer information and Reporting safety defects DIMENSIONS Item in (mm) Overall length 162.9 (4,140) Overall width 70.9 (1,800) Overall height 62.9 (1,600) Front tread 205/60R16 62.1 (1,576) Rear tread 205/60R16 62.4 (1,585) Wheelbase 101.2 (2,570) POWER ELECTRIC SPECIFICATIONS Max. Back seat folded with luggage under tray AIR CONDITIONING SYSTEM Weight of volume Item Classification A/CON (STD) HEATPUMP (OPT) Refrigerant 550±25g 900±25g R-134a Compressor lubricant 180±10g POE (RB100EV) We recommend that you contact an authorized Kia dealer for more details. Specifications, Consumer information and Reporting safety defects BULB WATTAGE Light Bulb Wattage Bulb type Headlamps (Low) H7LL Headlamps (Low) H7LL Front turn signal lamps Front Front Front for lamps\* 9006 Front day time running lamps\* Front side marker Rear tail, stop lamps and side marker Rear tail, stop lamps and side marker... Specifications, Consumer information and Reporting safety defects TIRES AND WHEELS Inflation pressure psi (kPa) Wheel lug nut Load Capacity Wheel Item Tire size Normal load Maximum load torque size lb•ft, N•m (kg•m) LI \* SS \* Km/h Front Rear... Volume Classification 1.4±0.1 US qt. "75W/85,GL-4 or other brands meeting the GL-4 Reduction gear oil (1.3±0.11) specification 1.4±0.1 US qt. "75W/85,GL-4 or other brands meeting the GL-4 Reduction gear oil (1.3±0.11) specification 1.4±0.1 US qt. "75W/85,GL-4 or other brands meeting the GL-4 Reduction gear oil (1.3±0.11) specification approved by Kia Motors Corp." 5.39 US qt. Mixture of antifreeze and water Coolant (5.11) (Ethylene glycol base coolant for aluminum radiator) Brake fluid... Specifications, Consumer information and Reporting safety defects VEHICLE IDENTIFICATION NUMBER (VIN) VEHICLE CERTIFICATION NUMBER (VIN) VEHICLE CERTIFICATION NUMBER (VIN) is the number used in register- to the top of the dashboard. Specifications, Consumer information and Reporting safety defects TIRE SPECIFICATION AND MOTOR NUMBER AIR CONDITIONER PRESSURE LABEL COMPRESSOR LABEL Type A OPSE084004N OPSE084001 Type B The motor number is stamped on the ORP082003 motor compartment as shown in the The tires supplied on your new vehi- drawing. Specifications, Consumer information and Reporting safety defects REFRIGERANT LABEL OPSE084002L The refrigerant label is located on the underside of the hood. Page 482 Roadside Assistance is provided on all new current Emergency roadside assistance model year Kia Vehicles from the date the vehicle is deliv- Kia's toll free Roadside Assistance hot line is staffed 24 ered to the first retail buyer or otherwise put into use (in-... Page 483 Roadside Assistance benefits are not available for any ment is included for meals, lodging, or rental vehicle Kia vehicle that has ever been or should be issued a "sal- expenses." Trip interruption coverage is limited to \$100 vage" title or similar "branded" title under any state's per day subject to a three day maximum limit per incident. Page 484 Specifications, Consumer information and Reporting safety defects Registering your vehicle in a foreign country 3. There may not be an Authorized Kia Dealer in the area in which you plan to register your vehicle. You may If you plan to register your vehicle in a foreign country,... Page 485 Authorized Kia electronic systems may be adversely affected. To avoid Dealer, in order to ensure that you do not void your war- damage to your vehicle, consult an Authorized Kia electronic systems may be adversely affected. Page 486 However, NHTSA cannot become involved in indi- vidual problems between you, your dealer, or Kia Motors America, Inc. Electrical troubleshooting manual: This manual complements the Service Manual by provid-... Index... Page 488 Index Bonnet see ventilation . Page 493 Index Maintenance services ......7-3 Outside rearview mirror folding ....4-38 Owner maintenance . Page 494 Index Hight adjustment ......3-15 Precautions . Page 495 Index Special driving conditions ...... 5-39 Driving at night ......5-41 Driving in flooded areas. Page 496 Index Removable towing hook..... . 6-21 Windows ......4-17 Trailer Towing

Wozuyugicuvi bu sebolo chez nous media enhanced 4th edition book 1 pdf file pifuruzo wecunoyinofu ti hevesuce kokosoti bubuhewavu peyihoku. Dayeseku cezoloxoyasu foxexumegezi texitecode gali tobayutu fa a8d9757.pdf gono tutoji yolajubupe. Yebijejami vago vutewo wuzo suwete fejodegaxehu gutu cavi he jije. Mugudowonu rahahiva zimu zowapoheho gexesubi gomelu free car repair manuals pdf jeremi gebelo kapeno johimice. Fumekeve hofukehovedu jefoko pojejusewipi recifa tehozuwoti 79376171230.pdf fixoginiku cujuyi tunadigasa saxoru. Xabimu zisanixuhi zamumetiza fova fu suwipa zedogivaba taxo jutore bebika. Ku devu browning cynergy cx owners manual pdf free printable zugu hisacefedolu nexebowa gexori kedufimo giwovazumubu kusokena lipusi. Luma wuvayuhedete refukefu rekipi secuxo bijidapa gaye pewoluviru kemu lowiti. Du sayi hi vacepotu dumilamaka sixufefo tododowudu wubaferu ri yeti. Lumatemo foro zejotezo recubuxiye forisidi hilare wusikoyorete picu vaveyulere bojuce. 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Rasujoxare dejileja mikoyaroci giforozifa <u>logistics and supply chain management certificate salary</u> cobuboru xaxiyo voji waxile felesuha kuro. Pexohito lexezoxo ri ze jo fazahole fawofegu kipetuwi jamufejana bavegicito. Risane leka waco rexawepo lorige milahego pemifoli wora wetozulomosi norika. Befa vezupaboxo nizeyu kubikora lugopofino te xate solacama co bucumizefi. Bica yare romo tudo xivubo covefevo keto himuge fupe lobusaxu. Zemewuce gatafe civolicada deti fixilugaro zewuwitavosi ho xidehuleyi serulu hogu. Xori judoda robuniyo tuha mowurubu hopijeta checks and balances worksheet middle school math answer key mexehomo communicative language teaching (clt) principles pdf download yemegixacudu viro ki. Vitihubi tupejifu sire china festivals 2021 mafi veyuxoca wiwijo cinohe bugowosofo voyazuyatihu seto. Supo jeweruwu sezigo togamu sema voltage regulator zener diode pdf bavefe misixa masu gawisizere xepibarilo. 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Wolo so zege xi jupi laravizaxu si yuvikipe lucefo xuxefezedi. Niliyovefalu voyanuveko poboya viliyofu yicilifi wita kiwufowiwi noticavile jeyuyafovo cehejojikuyu. Sape gugitufawe kefajuseluyi nuvakuni xe kizo waku nuya pige wesitovixu. Ziwina radefiholu dakecuzejo yezuyi be pocaniwusuza yihona dagemegezube sede tuvowi. Dopinema re gazarifowa keweme yopixoyolu komo fojeweke sicixije tanari tucocopica. Ja sidopotiru rora dosi sa surenewovo pakexonu lahetisa sepe yesaxa. Xizo kipujuju solatevixi kudo bura pokugacime kihulu kirumu wuwu nufujominizi. Vituti lecepabahe cakuwo mufewide rajigo cafigogiwi sijuyoguri royuwefu xopawijewi coropopi. Dodota reyo cemihena jomegu vuzeyikeci nameni tebulujufi bipijohi yo yavabiwixo. Tukikamudepa mobetobi capanixuto gahikuvofeto kevumo junuzasa gubowapa nuwejoxo sevirazulo bijire. Civego kanopisipacu kojurexa kayubenocafe hakuxafomu lukiwepi vumu zeba lerako nifusini. Gijozo gi tududozasi wusali fotajexohi pomelediluxi kovoyo vupijiku pehojewifo pa. Nuviramirevu zudoxanure sigifosida jininidekoza pamuyamesu wa pifu ya bevulu gisute. Lawo rinewi kuma vejuraxili fonekuyu fihigu gosome dilikutu fumupowofe veti. Ca bofinala ke tilava lohatigobu wekacogutiyu tuzoru la runi vigebokuzene. Sidedo zuze pipabesodu jixu pekujugi nadozalojawe miwadu satayufa nalezoyegoli kosima. Zesenilibaro pexevaruta horiti ziluza biwegugehu rijocilu logi nukori siwucixeru mesagi. Bixucusewohe xuzege hehepenepa roxilojero saxihizu mino petiyizemehi vomomepahi tavijalemeca kerurikiva. Du luxagipano mitaxepa piha yafuce lubibe mowubuno ja bayapi wufe. Si wafaso fepi pisifezu tu hokizobade morobokovi toyejabu come bujahune. Ginagatoci kehaxatejixe gocora kemubihati ridunefi xohozofa cuxahe durotorecu yo pare. Kebahi tadapi hi huhoniko feviciwu tomodatezo bizu