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2024 jeep wrangler jl owners manual

Now, with our Freedom of Choice Pricing Program, visit your local dealer to pick your offer—cash allowance incentives or employee pricing for all. From the Rubicon 392's heart-pounding speed to the Wrangler 4xe's uncompromising capability, the 2024 Jeep Wrangler lineup offers a range of legendary 4x4 models. Discover the best of authentic Jeep Brand off-road performance. The Rubicon 392 boasts best-in-class maximum horsepower and torque, with 470 pounds-feet of torque and 470 lb-ft maximum towing capacity of 5000 lbs. A new factory-installed WARN winch on the Rubicon, paired with a steel front bumper, helps handle tricky situations on the trail. Additionally, full-float Dana Rear Axle is now available on all Rubicon models, featuring and a maximum towing capacity of 5,000 pounds. The 2024 Jeep Wrangler 392 Final Edition features a distinct Hood and Fender Vent Decal Package, an 8,000-pound WARN winch, 17-inch beadlock284 serious injury or death. Red warning lights on the dashboard signal various issues, including electric power steering faults and electronic throttle control problems. Warning lights for loose fuel filler caps, low fuel levels, traffic sign recognition faults, and tire pressure monitoring system alerts are also present. Additionally, yellow warning lights indicate cruise control and sway bar faults, while green and white indicator lights show when adaptive cruise control is ready or front fog lights are on. The high-voltage battery in the vehicle requires special handling, with a warning not to attempt to remove it. The power box system has specific operating modes and instructions for use, including generator mode and resetting the unit during faults. It's essential to follow general operating notes and cautions when using the power box to avoid any issues. The Portable Charging Cordset (EVSE) is designed for use with electrical equipment. It contains a lithium-ion battery and should only be used as instructed to avoid damage or fire. Failure to follow instructions may result in damage to the Power Box. The EVSE uses conventional hydraulic friction brakes and regenerative braking, which will switch on during Wide Open Throttle events. To get started, familiarize yourself with your vehicle's features. Note that the engine will start during regenerative braking events if necessary. The Max Regeneration feature will remain on until turned off. Additionally, be cautious when using the Portable Charging Cordset (EVSE), as it may become hot or produce unusual odors. If you notice any damage to the EVSE or its cable, do not attempt to repair or service it, as this may void your warranty. The EVSE is stored in the rear cargo area and should be kept at temperatures between -40°F and 176°F (-40°C and 80°C). Always follow safety guidelines when using the Portable Charging Cordset (EVSE) to avoid risk of fire or electric shock. After a short delay of thirty seconds following the closure of the relay, it's essential to familiarize yourself with your vehicle's unique features. Start by disconnecting and reconnecting the connector using an extension cord or plug adapter, as the portable charging system. Your vehicle's SOC (State Of Charge) indicator provides a visual representation of the high-voltage battery's charge status during charging. It also serves as an alert for potential charging issues. The Power Flow Indicator Lights offer real-time readings on the current power flow in both electric and hybrid modes, displayed through a series of LED lights. When scheduling your vehicle's charging, you have the option to select from one of three pre-set schedules based on your energy usage patterns over the previous week. If the high-voltage battery SOC drops below its optimal operating point, scheduled charging will automatically begin. Additionally, there is an option for climate-controlled charging, which can be set through the vehicle's system. When it comes to locking and unlocking your doors remotely, make sure to keep the key fob out of reach from children due to potential risks associated with battery disposal. Also, ensure that you have a backup plan in case the ignition switch fails to respond properly. This could be due to a low or depleted battery in the key fob. Lastly, always remove your key fob when exiting the vehicle and lock all doors to prevent theft. Regardless of whether the key fob is used to lock or unlock the doors when leaving an unattended vehicle, a backup method can be employed to operate the ignition. As long as "READY" appears on the instrument cluster and the engine is running or in the ACC or RUN position. This system has a range of approximately 328 ft (100 m) and allows for vehicle maintenance while maintaining security. The Remote Start feature enables the engine to run for up to 15 minutes, and the climate control settings will adjust based on outside ambient temperature. To avoid unintentional shutdowns, the system disables for two seconds after receiving a valid input. The Vehicle Security system includes features such as scheduled departure times, cabin conditioning, and audible and visible signals. The mechanical key can be used to lock or unlock doors, swing gates (if equipped), and glove compartments outside of the vehicle within 5 ft (1.5 m) of the handle. Given article text here Children should be seated in the rear seats when emergency exits are activated with the system engaged. When front doors are removed, a message will display in the wiring harness lever into the instrument cluster display. To remove the half-doors, turn the screw clockwise using your fingers and pull it gently towards the bodyside using a #T40 Torx head driver. Make sure there is enough slack on the wiring connector during installation and keep the check arm in the extended position for easier reinstallation. Do not drive with the doors removed as you will lose protection from the wiring harness, and be careful when handling the wiring to avoid damage. Keep the zipper pulls of the upper half-doors stored at the upper B-pillar area to avoid damaging the windows. When installing or removing the half-doors, ensure proper alignment between components, such as the door latch and body striker, to avoid installation issues. The vehicle's features may require adjustments. On page 60, you'll find instructions for "Getting to Know Your Vehicle". It's essential to have one person inside while using a flashlight to inspect the door seal. If needed, add a shim to the lower half-door pocket to secure it to the roof on page 61. The wiring harness must be firmly inserted into its connection. Some models come equipped with heated steering wheels that remain active until turned off by the operator. Exterior mirrors are secured in place using holes on the door. Power driver's and passenger seats may be available, featuring adjustable tilt and lumbar settings. These features are part of the vehicle's occupant restraint system. On page 66, you'll find instructions for folding the rear seat to create additional storage space. The head restraint will automatically fold with the seat when using the release lever. It's crucial to ensure the seatback is securely locked in place for child seats and passengers. Keep the battery area underneath the seat clear of obstructions. The heated seat control buttons can be found, but it's essential to follow safety guidelines to avoid burns from low temperatures. Looking for information on how to use the features in your vehicle? This guide will walk you through the process of getting familiar with your vehicle's various components. **Head Restraint Warning** A loose head restraint can be deadly. Always keep it secure while driving and never rely solely on it during a collision. To remove the center head restraint, press the UConnect Voice Recognition button located at the base of the head restraint and pull upwards. To install it, hold the release button while pushing downwards on the head restraint. **Uconnect System Support** For assistance with the Uconnect system, call 1-877-855-8400 (available 24/7) or visit DriveUconnect.com **Passenger Side Mirror Warning** The passenger side mirror can make objects appear smaller and farther away than they really are. Relying too much on it could lead to collisions with other vehicles or objects. **HomeLink System** If your vehicle is equipped with a HomeLink system, follow these notes: * The HomeLink indicator light is located above the center button. * Erasing channels should only be done when programming for the first time. Do not erase channels when programming additional buttons. * Firmly push and release the "LEARN" or "TRAIN" button to programming additional buttons. * Firmly push and release the "LEARN" or "TRAIN" button to programming additional buttons. * Firmly push and release the "LEARN" or "TRAIN" button to programming additional buttons. * Firmly push and release the "LEARN" or "TRAIN" button to programming additional buttons. * Firmly push and release the "LEARN" or "TRAIN" button to programming additional buttons. * Firmly push and release the "LEARN" or "TRAIN" button to programming additional buttons. * Firmly push and release the "LEARN" or "TRAIN" button to programming additional buttons. * Firmly push and release the "LEARN" or "TRAIN" button to programming additional buttons. * Firmly push and release the "LEARN" or "TRAIN" button to programming additional buttons. * Firmly push and release the "LEARN" or "TRAIN" button to programming additional buttons. * Firmly push and release the "LEARN" or "TRAIN" button to programming additional buttons. * Firmly push and release the "LEARN" or "TRAIN" button to programming additional buttons. * Firmly push and release the "LEARN" or "TRAIN" button to programming additional buttons. * Firmly push and release the "LEARN" or "TRAIN" button to programming additional buttons. * Firmly push and release the "LEARN" or "TRAIN" button to programming additional buttons. * Firmly push and release the "LEARN" or "TRAIN" button to programming additional buttons. * Firmly push and release the "LEARN" or "TRAIN" button to programming additional buttons. * Firmly push and release the "LEARN" or "TRAIN" button to programming additional buttons. * Firmly push additional buttons. vehicles, Daytime Running Lights may deactivate or reduce intensity on one side. The Automatic High Beam Headlamp Control can be turned on or off by selecting "ON" in the headlight switch. **Interior Lights** The dimmer control is part of the headlight switch and located on the left side of the instrument panel. The courtesy lights will turn on when the front doors are opened. 1. Turn dimmer control up fully or press unlock button on key fob to activate windscreen wipers and washers. 2. Check warning - washer will stop after 20 seconds if switch held in. 3. Ensure all wiper controls are switched off before driving in cold weather, park position should be allowed to return by releasing the switch. 4. Turn the switch up to first detent for intermittent use or press button on screen/faceplate for continuous rear wiper operation. 5. Press red button on faceplate/touchscreen for warmer air, then release and select with blower control knob, or press and release buttons on touchscreen. 6. Ensure air outlets are not blocked by moving floor/seat. 7. Manual Override available - ensure manual mode is engaged when using climate control system. 8. Rear Storage Compartment requires bottom latch. 9. Check warning - do not plug in external devices while driving or if battery low, as this could result in damage to electrical system. 10. Be aware that higher power accessories may degrade electrical systems and locate auxiliary switch wires under instrument panel for use with vacuum cleaners, lights etc.. To get familiar with your vehicle's features, start by understanding the auxiliary switches that aid in connecting or installing electrical devices. Additionally, learn how to operate your vehicle's window controls. The rear passenger doors' window controls can be disabled using the window lockout switch on the driver and passenger door power window switches. For vehicles equipped with a Dual Top (available in fourdoor models only), the soft top system will come in a separate box at the rear of the vehicle. This system is not designed to be used for shipping purposes, but rather as an accessory for your vehicle. When using the soft top, ensure you follow proper care and maintenance guidelines to avoid water damage, stains, or mildew on the material. When working with the soft top, it's essential to remove any additional items from the storage bag before washing the fabric. Failure to do so may cause interior water damage or scratches on the windows. 1. To raise the soft top, first pull the latch to release the top and push up from the #5 Bow along downward on each side of the folded top to the guide track until it locks into place. 2. Ensure the soft top is secure by raising it using the side link and manually guiding it into the retainers at the bottom of the window from left to right, then fully lower the soft top. 4. Remove the hard top panel(s) by unlocking them from the roof using three L-shaped locks on the left side and repeat the process in reverse order for reinstallation. 5. Before reinstalling the panels, ensure they are free of dust and debris to prevent water leaks. 1. Disconnect the wire harness by pushing the tab inward while pulling downward. 2. Store the wire harness and washer hose in a secure compartment below the trim. 3. To install, pull the handle back upward while squeezing the hook to lock it into place. 4. Tighten the bolt with a spacer until snug using a #40 Torx head driver. 5. Release the header latches from the crossbar by pulling the handle back upward while squeezing the hook to lock it into place. Pinch Protect, hold the Close switch for 10 seconds to put the power top into calibration mode. 7. For Quarter Window in and secure it tight using the provided strap. 8. Remove the RAME (Side Rail) bracket by swinging the frame around the side of the rail. 9. Insert screws from underneath into the holes, then tighten until snug using a #40 Torx head driver to avoid personal injury. To properly open and close various parts of your vehicle, follow these instructions: First, use a #40 Torx head driver to remove four screws along the windshield's interior. Then, secure the cover so it hinges to the header. Swing down the cover and push it into place, making sure it is properly secured. Note that you should remove the cover before returning the support rod from its slot and placing it on the hood panel retaining clip. Lower the hood slowly and secure both latches. If your PHEV model stopped charging the high voltage battery when the hood was opened, refer to specific instructions for that the hinges and check strap may require cleaning if a squeak is heard when opening the gate. Also, be aware of the maximum vehicle load capacity when placing cargo on the luggage rack or crossbars. Place heavy objects as low and far forward as possible, securing them with tie-down loops in addition to crossbars. Place heavy objects as low and far forward as possible, securing them with tie-down loops in addition to crossbars. engine while the tachometer pointer is in the red area, as this can cause engine damage. Also, be cautious of a hot engine cooling system, which could result in serious injury from steam or boiling coolant. The Power/Charge Gauge represents the source of power utilized to accelerate the vehicle, with a green outer ring indicating High Voltage (HV) status. • Press down arrow button to scroll Cannot be cleared with wheel press:... GETTING TO KNOW YOUR INSTRUMENT PANEL a fire may start at any moment, so do not attempt to Unless reset, this message will continue to display each LECTRIC EMPORARILY NAVAVAILABLE re-enter or start the vehicle. time you place the ignition in the ON/RUN position. To turn off the message temporarily, press down arrow button If Electric Drive mode is unavailable, the reason will ... Page 134 GETTING TO KNOW YOUR INSTRUMENT PANEL is inhibited). A message will be displayed in the end of the message will be displayed with the end of the message will be displayed with the end of the message will be displayed with the end of the message will be displayed with the end of the a instrument cluster whenever Fuel and Oil Refresh mode almost always runs the engine. GETTING TO KNOW YOUR INSTRUMENT PANEL active. Do not attempt to return to Electric Mode • Five Second Stored Messages Front Seat Belts Oil Change Due ACC Override until the FORM cycle is complete. When the appropriate conditions occur this type Unbuckled of message takes control of the main display area Driver Seat Belt... GETTING TO KNOW YOUR INSTRUMENT PANEL • Speedometer Drivetrain Doors Open Hood Open Vehicle Speed O Front Wheel Angle: displays the graphical and Too High To Push and release up or down arrow button until speedometer menu icon is displayed in steering wheel orientation. GETTING TO KNOW YOUR INSTRUMENT PANEL Push ACC ON/OFF button (located on steering wheel) until one of the following displays in instrument cluster displays.... Page 138 GETTING TO KNOW YOUR INSTRUMENT PANEL Push ACC ON/OFF button (located on steering wheel) until one of the following displays in instrument cluster displays.... Page 138 GETTING TO KNOW YOUR INSTRUMENT PANEL Push ACC ON/OFF button (located on steering wheel) until one of the following displays in instrument cluster displays... Page 138 GETTING TO KNOW YOUR INSTRUMENT PANEL Push ACC ON/OFF button (located on steering wheel) until one of the following displays in instrument cluster displays... Page 138 GETTING TO KNOW YOUR INSTRUMENT PANEL Push ACC ON/OFF button (located on steering wheel) until one of the following displays in instrument cluster displays... 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Page 138 GETTING TO KNOW YOUR INSTRUMENT PANEL PUSh ACC ON/OFF button (located on steering wheel) until one of the following displays in instrument cluster displays in instrumen decelerating with Cruise Control). until Trip Info is highlighted in instrument cluster display. GETTING TO KNOW YOUR INSTRUMENT PANEL Stop/Start – If Equipped Based upon equipment options and current vehicle status, some of the features may not be available. until Stop/Start icon/title is highlighted in ... GETTING TO KNOW YOUR INSTRUMENT PANEL A caller's name will only be displayed if: When load reduction is activated, the message "Battery Saver Mode" will appear in HVAC to max settings, exterior and interior lights. provides a reserve braking capacity in event of failure to hydraulic system. A leak in either half of the dual brake system is indicated by Brake Warning The light also will turn on when parking brake is applied. This text has been rewritten using the "INCREASE BURSTINESS" method (IB) to enhance readability and interest by adjusting pacing and detail level. Start your vehicle with the ignition switch in the ON/RUN position, where you'll find important notices and alerts displayed on the instrument panel. A warning message may appear if you continue driving with reduced assist - a safety risk that could put you and others at harm. Be aware of the Plug Status Fault Warning Light or PHEV Seat Belt Reminder Warning Light; if these lights stay on, contact an authorized dealer as soon as possible. Know your instrument panel well to avoid confusion. When the Low Fuel Warning Light turns on, indicating a low fuel level, take it seriously and service your vehicle at an authorized dealership. The Sway Bar Fault Warning Light will illuminate if there's a problem with your suspension system) warning light, which indicates when one or more tires is underinflated. Your vehicle also comes equipped with advanced safety features like the 4WD Low Indicator Light, Drowsy Driver Detected System Fault, and Rear Axle Lock Indicator Light. These lights alert you to potential issues and ensure your driving experience remains smooth. When using advanced features like Cruise Control or Stop/Start technology, be aware of the indicators on your instrument panel that signal when these systems are active. Finally, know how to handle critical warnings like the "Max Regeneration Unavailable" notice, which indicates when your vehicle's battery is unable to charge while driving in certain conditions. When starting the engine, make sure the clutch pedal isn't pressed all the way down and ensure you're in the "STARTING AND OPERATING" position, not the "OFF" position. This is especially important if the transmission isn't in PARK when you turn off the engine. For Keyless Enter 'n Go vehicles, be aware that pushing the accelerator pedal to the floor may trigger a warning message. Always press and hold the brake pedal while shifting into gear and touch the parking brake or use the gear selector to ensure safe starting at low temperatures. To break in your engine, follow these steps: exercise the full RPM range by manually shifting gears when possible; avoid long breaks as they're not necessary for this vehicle's engine. Be cautious of potential issues like premature gearbox wear if you neglect proper brake maintenance. Remember to fully press the clutch pedal before shifting into gear and be mindful of noise coming from the transmission, especially when idling in NEUTRAL with the clutch engaged. • Push the lock button on your vehicle. apply the handbrake first. **WARNING!** Start the engine and let it warm up. • From a standstill, you can start moving off. • Press the '4H' button to put your vehicle into four-wheel drive mode. • If you need to shift into reverse, press the '4H' button and shift into 'N'. • Never downshift when accelerating. Always upshift to avoid slipping or losing traction on slippery surfaces. • Make sure you're not going too fast in an off-road situation, as this can cause damage to your vehicle. • Be careful when shifting gears in cold weather, as the transfer case fluid may be cold and make it harder to shift **WARNING!** If you need more traction, press the '4H' button twice quickly with the accelerator pedal after shifting into 'N'. Always use caution when operating the winding. You will need the following accessories to attach the Motor: The winch motor is powered by the vehicle's engine. Never attempt to tow a vehicle with the recovery strap attached directly to the winch is loose or the rope shows damage. Establish "no people" zones and make your intentions clear to ensure everyone's safety during the winching operation. Begin winching slowly and steadily, avoiding overheating the winch motor. Rewind the synthetic rope when finished, and do not allow it to pile up on one side of the spooling drum. To activate the autostop mode, the engine must be at normal operating temperature, and the system must be in STOP/START READY state. Conditions that will cause the engine to start automatically while in autostop mode include moving the transmission selector out of DRIVE or transferring into 4L or N (Neutral). Additionally, the driver's seat must be occupied, and the driver's door must be closed. Operating Cruise Control System — Precautions If the Stop/Start system is turned off manually after more than five minutes of active time, the new set speed will be established when the STARTING AND OPERATING button is released. Leaving the Cruise Control system on when not in use can be dangerous due to metric speed settings exceeding desired values. To resume a previously set speed, press the RES button once. However, ACC cannot take limited braking or accelerate without selecting the vehicle speed setting first. Adaptive Cruise Control (ACC) operation has limitations, including: - Activation issues if the steering wheel buttons have not been selected - Electronic Stability Control/Traction Control System (ESC/TCS) activates at speeds below 20 mph - Leaving the ACC system on when parking can be dangerous When using the SET (-) button to decelerate, push the RES button and remove your foot from the accelerates to a speed above the set speed - Stationary objects or vehicles obstruct the system's detection capability Always keep the sensor clean with a soft cloth, as degraded performance can occur if not wiped properly. Be attentive and ready to apply the brakes if necessary during lane-changing maneuvers or when ACC detects an obstacle. Warning Screen is located within the navigation system on page 192 Warning Display and Sound When the vehicle is close to an obstacle, the warning display shows one flashing arc and sounds a continuous tone. Warning alert will be displayed when the system detects an obstacle, especially in rear distances between 79-59 inches. Drivers must be cautious when backing up, even if they look over their shoulder while using ParkSense. Rear View Camera image is activated at a distance of 0-1 ft. If snow or ice builds up on the camera image is activated at a distance of 0-1 ft. If snow or ice builds up on the camera image is activated at a distance of 0-1 ft. impurities in the fuel system. Do not "top off" fuel, as this can cause a malfunction. Always follow proper fueling procedures and secure the fuel door when refueling. Towing Safety Precautions Ensure that the Gross Vehicle Weight Rating (GVWR) is not exceeded, and distribute weight evenly to maintain consistent steering and brake control. Stow loose items securely before driving. the hitch ball's hydraulic sway control also reduces trailer movement caused by the driver, passengers, cargo, and tongue weight while towing. THIS INCLUDES REDUCING SWAY CAUSED BY THE TRAILER ITSELF AS WELL. starting and operating a trailer hitch requires careful consideration of several factors to ensure safe towing practices are followed. Trailer Hitch Classification Definitions: * Class I - Light Duty: 2,000 lb (907 kg) * Class II - Medium Duty: 3,500 lb (4,535 kg) refer to the "Trailer Towing Weights (Maximum Trailer Weight Ratings)" for more information. starting and operating warning: improper towing can lead to a collision. follow these guidelines to make your trailer brakes caution: interconnecting the hydraulic brake system or vacuum system of your vehicle with that of the trailer can cause accelerated brake lining wear, higher brake pedal effort, and longer stopping distances. starting and operating recreational towing (behind motorhome) note: * using a lower gear while operating the vehicle under heavy loading conditions will improve performance and extend transmission life by reducing excessive shifting and heat buildup. starting and operating - caution! driving tips: * it is necessary to follow these steps to ensure that the transfer case is fully in neutral before towing. * recreational towing can cause severe damage to internal components if not done correctly. utility vehicles have higher ground clearance and a stronger side wall designed to withstand off-road conditions. • Place vehicle in reverse gear and roll down gentle slopes with good traction; avoid steep inclines. • Verify vehicle's ability to start and operate; ensure recovery in case of malfunction or stuck component (use a stick for assistance). • Cross bodies of water carefully: be aware of currents and depths, never stop or shut off engine while navigating these conditions. Uconnect Systems: • Check chassis, drivetrain components, steering, and suspension fasteners for looseness; retighten as necessary. • Inspect for plant or brush accumulation, which can pose fire hazards. **Control Knob Instructions** • Insert the Uconnect control knob on the right-hand screen panel. • Only insert trusted devices/components into your vehicle. **Uconnect 5 NAV Settings** • Display brightness should be adjusted according to display mode (daytime/night). • Customize voice wake-up word, barge-in settings, and app drawer notifications. • Configure forward collision warning, intelligent speed options, and new speed zone indication. The system allows for customizable settings, including responding to voice commands before completion and adjusting multimedia features such as navigation button is pressed on the touchscreen, options related to the built-in navigation system are displayed, allowing users to customize icons, route types, and arrival calculations. For more information, refer to the Uconnect Radio Instruction Manual. MULTIMEDIA Lights pressing the lights, which may be restricted by local laws. MULTIMEDIA Settings * Flash Lights With Lock: Allows turning on or off flashing lights when locking the vehicle using the key fob. * Sound Horn With Lock: Sounds the type and power source for the four vehicle auxiliary switches, which may vary depending on the vehicle's options. MULTIMEDIA Audic Pressing the audio button displays settings for adjusting audio location, bass or treble levels, and auto-play from devices or smartphones. Settings, clearing personal data and resetting selected settings from other menus. MULTIMEDIA STEERING WHEEL AUDIO CONTROLS The left-hand control operates in various modes, including seeking up for the switch. Other features include exposure to radio frequency radiation information and vehicle dynamics data such as steering angle transfer case status, oil pressure, transmission temperature, and battery voltage. MULTIMEDIA — I Vehicle Recording driving statistics and other data, but this feature can only be edited when the Waypoints system. You can remove your current trail recording by selecting "No" or pressing the X button. This will take you back to the Waypoint editing screen. If a trail does not exist in your Uconnect system's local memory, press the Download button. To delete a trail, press the Remove icon and confirm that you want to delete it. When using the Advanced Safety Features, be aware of the Anti-Lock Brake System (ABS) warning light, which may turn on when the ignition is placed in the ON/RUN mode. This system provides increased vehicle stability at lower speeds. Your vehicle may also be equipped with Hill Descent Control, Rain Brake System (ABS) warning light, which may turn on when the ignition is placed in the ON/RUN mode. This system provides increased vehicle may also be equipped with Hill Descent Control, Rain Brake Support, Ready Alert Braking, and Trailer Sway Control. Note that if you disable Electronic Stability Control (ESC), it will remain in "Full Off" mode until you re-enable it or exit the Off Road+ features, such as Hill Descent Control and Advanced Speed Intervention (HSA). HSA can be turned on or off, but it does not require driver interaction. Given article text here the system will automatically recover and resume function when the condition clears. To minimize the risk of Vehicles that come up from behind your vehicle on the road, do not block the area of the rear detection zone with a fascia/bumper where the radar sensors are located and enter it with a speed of less than 30 mph (48 km/h). When approaching Opposing Traffic, RCP monitors the rear detection zones on both sides of the vehicle for objects that are moving toward the side of the vehicle with a minimum speed of approximately 3 mph (5 km/h), to detect objects in the blind spot zones. The Blind Spot Monitoring system is only an aid to help detect objects in the blind spot zones, not a substitute for safe driving practices. Whenever an audible alert is requested by the BSM — situation, Drivers must be careful when backing up, even when using RCP. Always check carefully behind you and be sure to look your vehicle. The FCW may not react to irrelevant objects such as overhead objects, ground reflections, or stationary objects that are far away, oncoming traffic, or leading vehicles in front. More cautious drivers who do not mind frequent tire checks will prefer this setting. The Tire Pressure Monitoring System (TPMS) uses wireless technology with wheel rim mounted electronic sensors to monitor the tire pressure. When the tire pressure is too low, the TPMS Warning Light to turn off. When filling warm tires, the tire pressure may need to be adjusted accordingly. If you have tire issues or want to know your tire pressure, it is recommended that you take your vehicle to an authorized dealer for assistance. System sensors. Then, drive carefully to avoid triggering the Tire Fill Alert feature if you have a TPMS fault above 15 mph. SAFETY XX indicates the cold placard pressure values for your vehicle The horn will chirp once when the selected axle pressure is reached and again when it falls below that level. Children under 12 years old should always wear front and rear seat belts, which are required for all seating positions. If you have an air bag system modification to accommodate a disabled person, ensure the outboard passenger seat belt is adjusted properly. WARNING: Make sure everyone in your vehicle wears their seat belts correctly, with no slack or pressure on the neck. The retractor will withdraw any excess slack in the shoulder belt after a collision. If you have concerns about seat belt conditions, take your vehicle to an authorized FCA dealer. To release the seat belt, push the red button and adjust the anchorage to fit comfortably. Incorrectly wearing your seat belt could increase the risk of injury. The Seat Belt Extender is used to secure child restraints and should not be removed. The Air Bag system may not work properly if the occupant's weight exceeds the recommended limit. Non-toxic gas is generated to inflate the air bags, which are designed to open only when inflated. The Occupant Classification Module (OCM) ensures the deployment of the air bags according to the vehicle's seating arrangement. The Occupant Classification System is designed to ensure proper seating arrangement. off when seated comfortably near the floor. A properly seated adult passenger is essential for safe air bag deployment. Never place a rear-facing child restraint in front of an air bag, and turn off the vehicle before verifying the PAD Indicator Light. Some accessories can affect seated weight on the front passenger seat. The Air Bag Warning Light will illuminate if the OCS cannot classify the front passenger seat status due to a malfunction. In case of this issue, take the vehicle to an authorized dealer immediately. The passenger seat assembly contains critical components that may impact air bag deployment in side impacts. weight, as stated in the Vehicle Safety Notice. facing rearward in a rear seat of the vehicle restraint... safety concerns arise when installing infant or child restraints. SAFETY Children Too Large For Booster Seats Can the child stay seated like this for the whole trip? If not, then it's recommended to use a different type of restraint. SAFETY Lower Anchors And Tethers For CHildren used to install LATCH-equipped child seats without lower anchorage symbol. Some seating positions may have a top tether anchorage symbol. Some seating positions may have a top tether anchorage symbol. and seat belt be used together? Generally, it's not recommended to use both systems at the same time. SAFETY Car Seat With Head Restraint Folded LATCH Anchorages (Two-Door Models). Make sure to locate the tether strap anchorages behind each rear seating position located on the back of the seat The lower anchorages are round bars that can be found at the rear of the seat cushion. SAFETY restraints and some rear-facing child restraints will also require a locked mode; however, it's essential to follow the manufacturer's instructions for proper installation. SAFETY Frequently Asked Questions About Installing Child Restraints. With Seat Belts What is the weight limit for using the tether anchor when installing forward-facing child restraints up to the recommended weight limit of the child restraint. SAFETY WARNING! If you're unable to pull the webbing out of the retractor, it may be locked; therefore, do not attempt to install the restraint. Always follow the manufacturer's instructions and take necessary precautions to ensure proper installation. Be extremely cautious when riding in a cargo area as it poses significant risks. You cannot anticipate every possible scenario inside or outside the vehicle. Safety is paramount. Before installing any new floor mat, ensure you've removed the existing one from underneath the pedals and that the carpet is intact. Never re-install a removed the existing one from underneath the pedals and that the carpet is intact. potential fluid leaks. Regular engine maintenance and a well-maintained exhaust system are crucial to preventing carbon monoxide entry into the vehicle body. In case of an abnormal sound from your engine, have it checked promptly and drive with all side windows open until the issue is resolved. In emergency situations, use your Hazard Warning Flashers but be aware that this may drain your battery if used excessively. These flashers are typically located on page 283, and you can find more information about their operation in the vehicle's manual. If you encounter any issues with your vehicle, contact Vehicle Customer Care for comprehensive support. Always adhere to traffic laws and remain attentive while driving, especially when there might be potential dangers inside the vehicle. If you have an SOS Call System, understand its limitations, which include but are not limited to, factors like vehicle capabilities and geographical restrictions. Vehicles sold in Mexico do not come equipped with this feature. When changing a tire or lifting your vehicle for repairs, use caution. Park on a firm surface away from ice or slippery areas. Do not attempt to change a tire near moving traffic. For tire-changing instructions, refer to page 288 of the manual, and always follow safety guidelines when operating a jack. Vehicle has been lowered due to reduced height. In case of emergency, connect jumper cables to the vehicle's jump posts and shift transmission from park (P) into neutral (N). This will provide power to release electric park brake. If you encounter an exposed metallic part on the engine or chassis, turn off accessories such as the heater and radio. To start the vehicle with a discharged battery in city traffic, place the transmission in neutral (N), but do not increase the idle speed while preventing vehicle motion. Draw power from the vehicle's battery even when using external accessories. If you need to lower the manual park release lever, pull it downward while gently pressing the accelerator pedal. Activate the manual park release with your foot firmly on the brake pedal. When towing a 4WD model, use the least amount of accelerator pedal pressure that will maintain the rocking motion without spinning wheels are on the ground. The enhanced accident response system (EARS) is equipped with safety features to prevent injuries or death during towing. Use proper tow hook usage to avoid breaking components. For servicing, refer to the scheduled maintenance scheduled mainten for presence of grease and replace spark plugs after 2.0L engine has reached certain mileage or time limit. Important Maintenance Schedule for Your Vehicle: * Every 10 years or 150,000 miles, whichever comes first: + Flush and replace the engine coolant, intercooler (if equipped), power electronics (if equipped), and battery (if equipped). + Check your vehicle's manual on page 300 for more information. * Oil Change: + Service required when the "At Each Stop For Fuel" warning light comes on due to engine oil level and change the oil every few thousand miles or as recommended by your vehicle's manual. * Tire Rotation: + Rotate tires at the first sign of irregular wear, even if it occurs before scheduled maintenance. * Other Maintenance Tasks: + Inspect front suspension, tie rod ends, and boot seals for cracks or leaks, and replace if necessary. + Replace engine air cleaner filter, cabin air filter, and brake fluid reservoir cap as needed. + Check your vehicle's manual for specific instructions on these tasks. Removal — 6.4L Engine: Be aware that this vehicle is equipped with a hood duct system to prevent water, dirt, and debris from entering the air intake system. This setup can help locate specific parts. When servicing, make sure both components click-in properly. The cone shape of the second chamber can aid in finding parts. For SERVICING AND MAINTENANCE: be cautious when replacing worn-out engine components as this may lead to costly repairs or even damage other parts. Use only approved manufacturer materials for any replacements. Cabin Air Filter replacements and compressor lubricants, as unapproved ones can cause harm or explosion. Lubricate the external lock cylinders twice a year, preferably in Fall and Spring, using high-quality lubricant like Mopar. When disengaging wiper blades from arms, make sure to push release tabs while lifting the arm off the glass. Cooling System — Drain, Flush And Refill: ensure hands, tools, clothing, and jewelry are away from the radiator when working on it, as excessive coolant spillage onto the engine top can cause damage. Use only OAT coolant that meets manufacturer requirements for the proper level. Fluid Level Check — Brake Master: be cautious not to overfill the brake fluid reservoir, as this may cause brake fluid to spill onto hot engine parts, resulting in costly repairs. Protecting your engine's aluminum components requires regular servicing and maintenance. - Select the appropriate lubricant for your vehicle as recommended by the manufacturer. - Always use the correct transmission fluid to avoid damaging your transmission components. transmission performance and prevent electrical system overload. * Lubricant Selection * Transmission Fluid Level Check * Caution: Chemical flushes can damage your transmission, so do not use them. Instead, follow the manufacturer's recommended procedure for checking fluid levels. * Use only the specified transmission fluid to avoid damaging components or affecting performance. * If a fuse continues to blow despite using the correct one, consult an authorized dealer for assistance. * Locate the power distribution center and refer to the following pages for specific information on each location: * Engine-related systems * Fuel pump and MTR/FPCM components This section lists the fuse types, their ratings, and corresponding locations in the vehicle. Refer to the relevant pages for detailed information. * If Equipped: Spare or specific component descriptions of each bulb and the recommended replacement parts. * Exterior Bulb Description Given article text here Looking for information on Rear Base Tail Lamp Side Marker Center High Mounted Stop Lamp (CHMSL) License Lamp replacement and maintaining various lamp components, including rear tail lamps, stop lamps, and turn signals. **Replacing Front Side Marker Lights** To replace the LED front side marker light, follow these steps: 1. Remove the fastening screw in the back of the front Lamp side marker light, reinstalling Interior Trim Panel Cap** After replacing the LED front side marker light, reinstall the interior trim panel cap to access the single assembly. **Tire Sizing Chart** Refer to the tire sizes, and T or S = Temporary spare tire. **Tire Identification Number (TIN)** The TIN may be found on one or both sides of the tire, but the date code is only located on one side. Tires with white sidewalls will have the full TIN, including the date code, located on the white sidewalls will have the full TIN, including the date code is only located on one side. the combined weight of luggage and cargo being loaded on the vehicle. Ensure that the weight does not exceed the available cargo and luggage load capacity. Proper cold tire inflation pressure is essential to maintaining vehicle safety and stability. **Tread Wear and Safety** Tire overloading can cause tire failure, affect vehicle handling, and increase stopping distance. Underinflation can result in abnormal wear patterns and reduced tread life. Always follow safe driving practices and maintain proper tire pressure to ensure vehicle safety and stability. Looking after your tires properly can be crucial as worn-out tires are extremely dangerous and may cause loads from flat tires — If Equipped load is dangerous. Keeping dismounted tires in a cool dry place with as little light exposure as possible will prevent damage. Never let oils, greases, or gasoline touch the tires. **Servicing And Maintenance** When switching between different all-season tires, ensure you select spare tire matching original equipped ones. Identify tires with M+S designation for equivalent size and type. For snow tires, check the M/S or MS label on your tires to ensure compatibility. Follow these quidelines for proper replacement and use of compact and collapsible spares. **CAUTION** - Avoid automatic car washes that use emergency spares only. - Don't drive with limited-use spare tires beyond 50 mph (80 km/h). - Keep clear coat wheels away from damage by following the recommended guidelines. - Regularly clean your snow traction devices tightly as possible, and keep them in good condition. - Never wear out regular tires excessively; check treadwear grades for performance levels. - Store vehicles properly with 12-Volt electrical systems completely de-energized to prevent accidents. When cleaning the windows, use cold or warm water and a cloth to wipe from top to bottom, not up and down. The Mopar Jeep Soft Carpet is designed to fit your vehicle and should be secured to it at all times. Always follow proper servicing and maintenance procedures for your vehicle. For Front Carpets (Two And Four Door Models), start by removing the front grommets. Then, open the carpet to the front and secure it in place. When reinstalling, perform these steps in reverse order and ensure that the carpet is tucked under the scuffs, B-pillar, console, and refasten grommets. For Rear Carpet (Two Door Models), remove the rear seats and sides grommets. Pull the carpet split around the seat belt attachment. When reinstalling, perform these steps in reverse order and ensure that the carpet is tucked under the scuffs, B-pillar, console, and refasten grommets. When cleaning glass surfaces, use Mopar Glass Cleaner on a regular basis. Never use an abrasive type cleaner on a regular basis. Never use an abrasive type cleaner or a commercial household-type glass cleaner on a regular basis. surface prior to mounting the tire and remove any corrosion or loose particles. The brakes will still function even if power assist is lost. Always tighten lug nuts/bolts in a star pattern until each nut/bolt has been tightened twice. When using fuel system cleaning agents, avoid indiscriminate use as it can cause engine failure and may void the New Vehicle Limited Warranty. If you inadvertently fuel your Non-FFV vehicle are: 17.2 gal (65 L) for 4Xe Models, 17.5 gal (66 L) for Two Door Models, and 21.5 gal (81 L) for Four Door Models. The engine oil capacity is approximately 6-7 quarts. Mopar Engine and Transmission Fluid Recommendations We recommend using Mopar Antifreeze/Coolant OAT (Organic Additive Technology) or equivalent meeting the manufacturer's requirements for fluids in your vehicle. For transmission fluids, use only Mopar ZF 8 & 9 Speed Automatic Transmission Fluid (ATF) or its equivalent. JEEP BRAND VEHICLE OWNER'S MANUAL **IMPORTANT: ALWAYS FOLLOW LOCAL LAWS AND DRIVING REGULATIONS** 1. Emergency Procedures * In case of an exhaust system failure, turn off the engine and engage door frame is secure. 2. Electrical System * Jump starting the vehicle requires 5-6 attempts. * Exterior lights are requires 5-6 attempts. * Door locks requires 5-6 attempts. * Imp starting requires 5-6 attempts. * Installation and removal procedures are included in this manual. Find the Jeep app on either the Store or Google Play and enter search keyword "JEEP" (for U.S. users). Copyright 2024 FCA US LLC. All Rights Reserved. Jeep trademark owned by FCA US LLC. Third Edition 24 JL OM EN USC App Store is a trademark of Apple Inc.