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Jeep Wrangler

2013 Jeep Wrangler Official Owner's Manual

Your comprehensive guide to operating and maintaining your 2013 Jeep Wrangler.

Introduction

This owner's manual contains detailed information about the operation, maintenance, and safety features of your 2013 Jeep Wrangler. Familiarizing yourself with this manual will help ensure safe and efficient use of your vehicle and prolong its lifespan. Please read it thoroughly and keep it in your vehicle for future reference.



Image: Front cover of the 2013 Jeep Wrangler User Guide, featuring a red two-door Wrangler navigating a shallow river with a wooded background.



Image: A durable olive green canvas pouch, typically used to store the owner's manual and other vehicle documents, featuring a prominent brown leather patch with the "Jeep" logo stitched onto it.

Getting Started and Controls

This section provides an overview of essential controls and features to help you get acquainted with your Jeep Wrangler.

Key Fob and Ignition

Your vehicle is equipped with a remote keyless entry system. Press the lock button once to lock all doors and the tailgate. Press the unlock button once to unlock the driver's door, or twice to unlock all doors. The ignition switch has several positions: LOCK, ACC, ON, and START.

Seat Adjustments

- **Manual Seat Adjustment:** A lever located on the side of the seat allows for fore/aft adjustment. A separate lever or knob controls seatback recline.
- **Head Restraints:** Adjust head restraints so the top of the restraint is even with the top of your head to maximize protection in a collision.

Steering Wheel Controls

The steering wheel may feature controls for the audio system, cruise control, and hands-free communication. Refer to the specific sections for detailed operation of these systems.

Operating Your Vehicle

Understand the driving dynamics and operational features of your 2013 Jeep Wrangler.

Starting and Stopping the Engine

1. Ensure the transmission is in PARK (automatic) or NEUTRAL (manual) with the clutch pedal fully depressed.
2. Insert the key into the ignition and turn it to the START position. Release the key once the engine starts.
3. To stop the engine, turn the key to the OFF position.

Transmission Operation

Your Wrangler may be equipped with either a manual or automatic transmission. Always ensure the vehicle is completely stopped before shifting into or out of PARK or REVERSE. For manual transmissions, use the clutch smoothly for gear changes.

Four-Wheel Drive (4WD) System

The Command-Trac® or Rock-Trac® 4WD system allows you to select different drive modes:

- **2H (Two-Wheel Drive High):** For normal on-road driving.
- **4H (Four-Wheel Drive High):** For slippery conditions (snow, ice, loose gravel). Do not use on dry pavement.
- **N (Neutral):** For flat towing the vehicle.
- **4L (Four-Wheel Drive Low):** For extreme off-road conditions requiring maximum torque and traction at low speeds.

Always refer to the detailed instructions in your manual for proper 4WD engagement and disengagement procedures.

Maintenance and Care

Regular maintenance is crucial for the longevity and performance of your Jeep Wrangler.

Scheduled Maintenance

Follow the maintenance schedule outlined in your manual. Key service intervals include:

- **Oil and Filter Change:** Typically every 6 months or 6,000 miles, whichever comes first.
- **Tire Rotation:** Every 6,000 to 8,000 miles to ensure even wear.
- **Fluid Checks:** Regularly check engine oil, coolant, brake fluid, power steering fluid, and windshield washer fluid levels.
- **Brake Inspection:** Inspect brake pads, rotors, and lines at recommended intervals.

Tire Care

Maintain correct tire pressure as specified on the tire placard located on the driver's side door jamb. Inspect tires regularly for wear, damage, and proper tread depth.

Exterior and Interior Care

Wash your vehicle regularly to protect the paint finish. Use appropriate cleaners for interior surfaces. Protect convertible tops (if equipped) from harsh elements.

Troubleshooting Common Issues

This section addresses some common issues you might encounter with your vehicle.

Warning Lights

Familiarize yourself with the dashboard warning lights. If a warning light illuminates, consult your manual for its meaning and recommended action. Common lights include:

- **Check Engine Light:** Indicates an issue with the engine or emissions system.
- **Oil Pressure Warning:** Indicates low engine oil pressure. Stop the vehicle safely and check oil level immediately.
- **Brake Warning Light:** May indicate low brake fluid or a problem with the braking system.

Engine Will Not Start

If the engine cranks but does not start, check the following:

- Ensure the fuel tank is not empty.
- Check battery terminals for corrosion and ensure they are tight.
- Verify the transmission is in PARK or NEUTRAL.

If the engine does not crank, check the battery charge and connections.

Specifications

Key specifications for the 2013 Jeep Wrangler (may vary by trim level and options).

Category	Specification
Engine Options	3.6L Pentastar V6
Horsepower	285 hp @ 6,400 rpm
Torque	260 lb-ft @ 4,800 rpm
Transmission	6-speed manual or 5-speed automatic
Fuel Tank Capacity	18.6 gallons (2-door), 22.5 gallons (4-door Unlimited)
Towing Capacity	2,000 lbs (2-door), 3,500 lbs (4-door Unlimited)

Note: These specifications are general and may vary based on specific trim levels, options, and regional configurations. Always refer to your vehicle's specific documentation for precise details.

Warranty Information

Your 2013 Jeep Wrangler is covered by a limited warranty provided by Chrysler Group LLC. This warranty covers defects in materials or workmanship under normal use and maintenance. Specific terms, conditions, and coverage periods are detailed in a separate Warranty Information Booklet provided with your vehicle.
It is important to retain all service records and adhere to the recommended maintenance schedule to ensure warranty validity. For complete details regarding your vehicle's warranty, please consult the official Warranty Information Booklet or contact an authorized Jeep dealership.

Customer Support

For further assistance, service inquiries, or to locate an authorized dealership, please use the following resources:

- **Authorized Jeep Dealership:** Your local dealership is equipped to provide expert service, genuine Mopar parts, and detailed information about your vehicle.
- **Jeep Customer Service:** Refer to the contact information provided in your Warranty Information Booklet or visit the official Jeep website for customer support options.
- **Online Resources:** The official Jeep website often provides owner resources, FAQs, and digital versions of manuals.

When contacting customer support, please have your Vehicle Identification Number (VIN) readily available.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question