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Toyota Highlander

2005 Toyota Highlander Owner's Manual

Your comprehensive guide to operating and maintaining your vehicle.

Introduction

This manual contains detailed information regarding the operation, maintenance, and safety of your 2005 Toyota Highlander. Please read it thoroughly to ensure proper use and to maximize the lifespan of your vehicle. Keep this manual in your vehicle for quick reference.

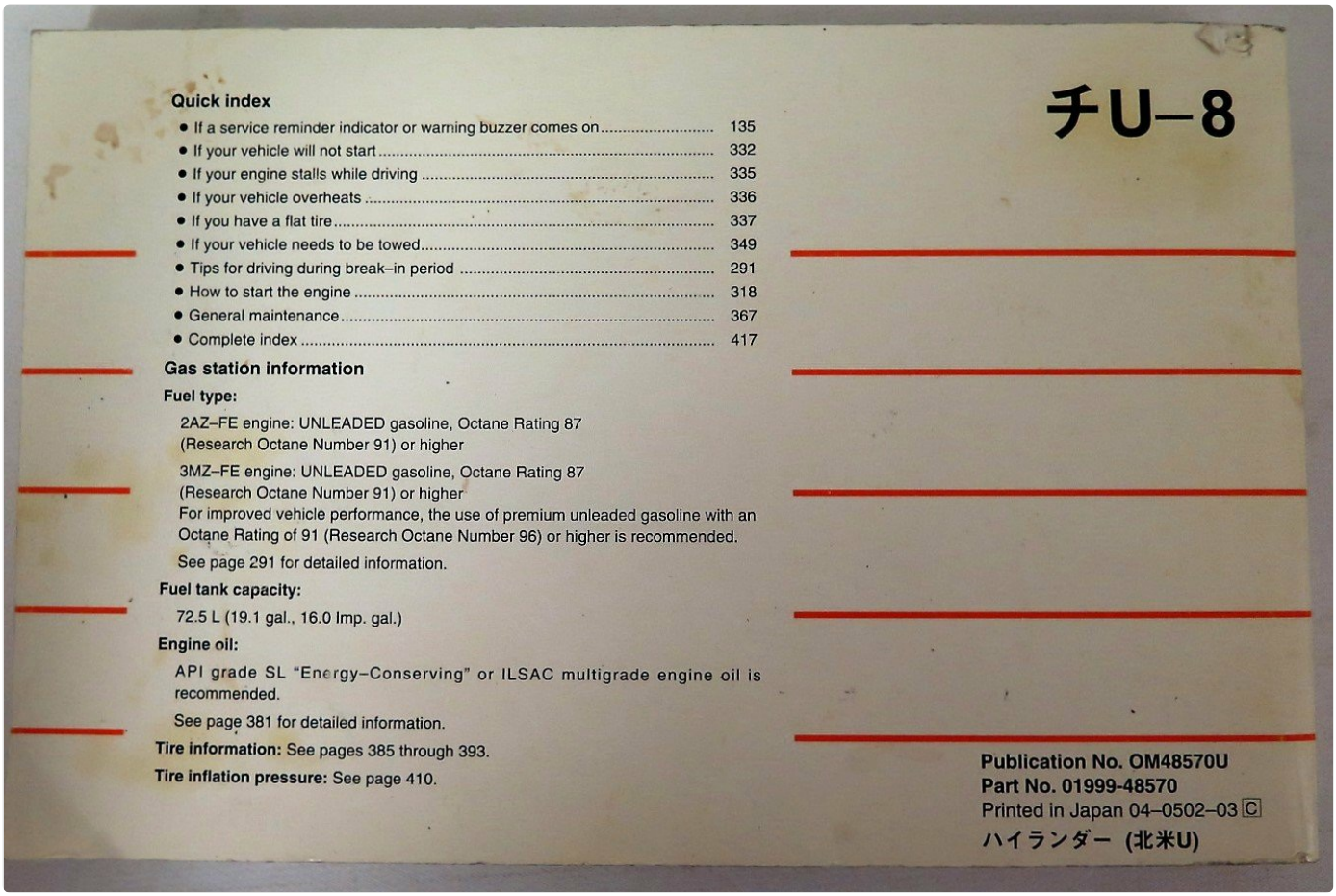


Image: Front cover of the 2005 Toyota Highlander Owner's Manual. The cover features the Toyota logo, "2005 Owner's Manual," and "HIGHLANDER" in bold lettering.

Initial Setup and Familiarization

Before operating your 2005 Toyota Highlander, it is essential to familiarize yourself with its controls, features, and safety systems. This manual provides detailed instructions on adjusting seats, mirrors, understanding the dashboard indicators, and operating various vehicle functions. Please review the relevant sections to ensure a safe and comfortable driving experience from the outset.
For specific instructions on starting the engine, refer to page 318 of the full manual.

Quick Index

For rapid access to common topics, refer to the quick index provided within the manual. Key topics include:

- Service reminder or warning buzzer information (Page 135)
- Instructions if your vehicle will not start (Page 332)
- Guidance if your engine stalls while driving (Page 335)
- Procedures if your vehicle overheats (Page 336)
- Steps to take if you have a flat tire (Page 337)
- Information if your vehicle needs to be towed (Page 349)
- Tips for driving during the break-in period (Page 291)
- Instructions on how to start the engine (Page 318)
- General maintenance guidelines (Page 367)
- Complete index for all topics (Page 417)



Image: An interior page of the manual displaying a "Quick index" with page numbers for various topics and "Gas station information" detailing fuel and engine oil specifications.

Operating Your Vehicle

Fuel Information

Proper fuel selection is crucial for your vehicle's performance and longevity. Refer to the following guidelines:

- **2AZ-FE engine:** Use UNLEADED gasoline with an Octane Rating of 87 (Research Octane Number 91) or higher.
- **3MZ-FE engine:** Use UNLEADED gasoline with an Octane Rating of 87 (Research Octane Number 91) or higher.
- For improved vehicle performance, the use of premium unleaded gasoline with an Octane Rating of 91 (Research Octane Number 96) or higher is recommended.
- Detailed information on fuel can be found on page 291 of the manual.

Fuel Tank Capacity

The fuel tank capacity for your 2005 Toyota Highlander is 72.5 L (19.1 gal., 16.0 Imp. gal.).

Maintenance

Engine Oil

For optimal engine performance and protection, use API grade SL "Energy-Conserving" or ILSAC multigrade engine oil. Consult page 381 of the manual for further detailed information on engine oil specifications and maintenance.

Tire Information

Comprehensive details regarding tire maintenance, rotation, and replacement can be found on pages 385 through 393. For specific tire inflation pressure guidelines, refer to page 410 of the manual.

Troubleshooting

The manual provides guidance for various common issues you might encounter:

- **Vehicle will not start:** Refer to page 332 for diagnostic steps.
- **Engine stalls while driving:** Consult page 335 for immediate actions and solutions.
- **Vehicle overheats:** Instructions for addressing an overheating engine are on page 336.
- **Flat tire:** Procedures for handling a flat tire are detailed on page 337.
- **Vehicle needs to be towed:** Guidelines for safe towing are provided on page 349.

Specifications

This section summarizes key specifications for your 2005 Toyota Highlander. For a complete list, please refer to the full manual.

Category	Specification
Fuel Type (2AZ-FE engine)	UNLEADED gasoline, Octane Rating 87 (RON 91) or higher
Fuel Type (3MZ-FE engine)	UNLEADED gasoline, Octane Rating 87 (RON 91) or higher
Recommended Premium Fuel	Octane Rating 91 (RON 96) or higher for improved performance
Fuel Tank Capacity	72.5 L (19.1 gal., 16.0 Imp. gal.)
Engine Oil	API grade SL "Energy-Conserving" or ILSAC multigrade engine oil

Warranty Information

This instruction manual does not contain specific warranty details for the 2005 Toyota Highlander vehicle. Please refer to your separate warranty booklet provided at the time of purchase or contact an authorized Toyota dealership for comprehensive warranty information.

Support and Additional Resources

For further assistance or detailed inquiries not covered in this summary, please consult the complete 2005 Toyota Highlander Owner's Manual. For service, parts, or technical support, contact your local authorized Toyota service center. The manual itself is identified by:

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