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› Haynes Repair Manual for Nissan Navara D40 & Pathfinder R51 (2005-2013)

## Haynes Navara D40 Pathfinder R51

# Haynes Repair Manual for Nissan Navara D40 & Pathfinder R51 (2005-2013)

Comprehensive Automotive Repair and Service Information

## INTRODUCTION

This Haynes Repair Manual provides detailed service and repair procedures for Nissan Navara D40 and Pathfinder R51 series vehicles manufactured between 2005 and 2013. It is designed to assist both the professional technician and the home mechanic in performing maintenance, troubleshooting, and repair tasks effectively.

The manual is based on a complete teardown and rebuild of the vehicles, ensuring accuracy and practical applicability of the instructions.

## MODELS COVERED

- **Nissan Navara D40 Series:** 2WD & 4WD models, 2005-2013
- **Nissan Pathfinder R51 Series:** 2WD & 4WD models, 2005-2013

### Engine Coverage:

- **Petrol Engine:** VQ40DE 4.0 litre DOHC V6 EFI
- **Diesel Engine:** YD25DDTi 2.5 litre DOHC Turbo Inter-cooled

**Important Note:** *This manual does NOT cover the 3.0 litre V6 Turbo Diesel engine.*

## CONTENT OVERVIEW

The manual is structured to provide comprehensive coverage of various vehicle systems and maintenance procedures. Key areas include:

- Routine Maintenance and Service Schedules
- Tune-up Procedures
- Engine Repair and Overhaul
- Cooling and Heating Systems

- Air Conditioning System Service
- Fuel and Exhaust Systems
- Emissions Control
- Ignition System Diagnostics and Repair
- Brake System Maintenance and Repair
- Suspension and Steering Systems
- Electrical Systems and Component Testing
- Detailed Wiring Diagrams

## HOW TO USE THIS MANUAL

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This manual is designed for ease of use, featuring:

- **Step-by-step procedures:** Clearly outlined instructions linked to hundreds of easy-to-follow photos and illustrations.
- **Complete troubleshooting section:** Helps identify specific problems and their solutions.
- **Practical experience:** Content is based on hands-on experience from a vehicle teardown using commonly available tools.
- **Haynes tips:** Valuable shortcuts to simplify tasks and eliminate the need for specialized tools.
- **Notes, Cautions, and Warnings:** Important information to ensure safety and proper procedure execution.
- **Color spark plug diagnosis:** Visual guide for engine health assessment.
- **Easy to use index:** For quick location of specific topics.

## PRODUCT IMAGES

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# Nissan Navara & Pathfinder

2005 thru 2013

Petrol & Diesel □ D40 & R51 Series

72732



## Haynes Repair Manual

*Based on a complete teardown and rebuild*



*Includes essential information for today's more complex vehicles*

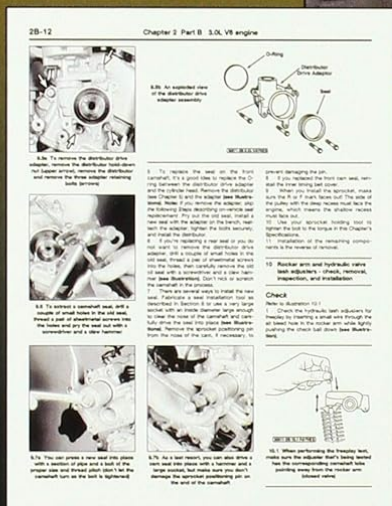
Front cover of the Haynes Repair Manual, featuring a white Nissan Navara pickup truck. The cover indicates coverage for Navara & Pathfinder models from 2005-2013, including petrol and diesel engines (D40 & R51 Series).

### Inside this manual:

- Routine maintenance
- Tune-up procedures
- Engine repair
- Cooling and heating
- Air conditioning
- Fuel and exhaust
- Emissions control
- Ignition
- Brakes
- Suspension and steering
- Electrical systems
- Wiring diagrams



Pathfinder R51



- **Step-by-step procedures** linked to hundreds of **easy-to-follow photos** and illustrations
- **Complete troubleshooting section** helps identify specific problems
- Written from **hands-on experience** based on a vehicle teardown using **commonly available tools**
- Haynes tips give **valuable short cuts** to make the job easier and eliminate the need for special tools
- **Notes, Cautions and Warnings** for the home mechanic
- Color **spark plug diagnosis**
- Easy to use **index**

### Models covered by this manual:

**Nissan Navara D40 Series & Pathfinder R51 Series – 2WD & 4WD**  
**4.0L (VQ40DE) V6 petrol engine**  
**2.5L (YD25DDTi) 4-cylinder turbo diesel engine**  
**2005 – 2013**

*Does not include 3.0 litre (V9X) V6 turbo diesel*



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 for details on the complete  
 Haynes range



Back cover of the Haynes Repair Manual, displaying a silver Nissan Pathfinder SUV. The back cover details the manual's features, such as step-by-step procedures, troubleshooting, and an index, along with a list of covered systems.

## SPECIFICATIONS

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## **SUPPORT AND ADDITIONAL RESOURCES**

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For additional information regarding Haynes manuals or other automotive repair resources, please visit the official Haynes website.

A link to the Haynes website for details on their complete range of manuals is provided on the back cover of the manual itself.

*Note: This manual is a printed publication and does not include digital support or interactive features beyond its printed content.*