**Innova 3100RS**

# INNOVA 3100RS OBD2 Scanner User Manual

Model: 3100RS

## 1. INTRODUCTION

The INNOVA 3100RS OBD2 Scanner is a diagnostic tool designed to assist in identifying and resolving vehicle issues. It provides comprehensive coverage for Check Engine Light, Anti-lock Braking System (ABS), and Supplemental Restraint System (SRS) codes, along with essential service functions and real-time data monitoring. This manual provides instructions for the proper setup, operation, and maintenance of your device.

INNOVA® 3100RS

I/M MONITOR STATUS

MIS FUE CCM CAT HCA EVA HCC NOx

AIR O2S HTR EGR BPS EGS DPF

ABS

**C1155** (1/6) CM

Left Front Wheel Speed
Sensor Input Circuit Failure

Press any Hotkey

INNOVA.COM

ERASE

LINK

SYSTEM STATUS

MENU

M

FF · DTC

DT CODES · FREEZE FRAME

LD

LIVE DATA

Figure 1.1: The INNOVA 3100RS OBD2 Scanner displaying an ABS diagnostic trouble code (DTC) C1155 for a left front wheel speed sensor input circuit failure.

## 2. SETUP

### 2.1. Package Contents

Verify that your package contains the following items:

- INNOVA 3100RS Code Reader with attached OBD2 Cable
- Quick Start Guide

### 2.2. Initial Connection

1. Locate your vehicle's OBD2 port, typically found under the dashboard on the driver's side.
2. Ensure the vehicle's ignition is off.
3. Connect the INNOVA 3100RS OBD2 cable securely to the vehicle's OBD2 port.
4. Turn the vehicle's ignition to the 'ON' position (engine off). The scanner will power on automatically.

### 2.3. Language Selection

Upon first use, you may be prompted to select your preferred language. Use the navigation buttons on the device to select English, Spanish, or French.

### 2.4. RepairSolutions2 App Integration

The INNOVA 3100RS is designed to work with the RepairSolutions2 app for enhanced functionality, including verified fixes, part recommendations, maintenance schedules, and technical service bulletins.

1. Download the RepairSolutions2 app from the Apple App Store or Google Play Store.
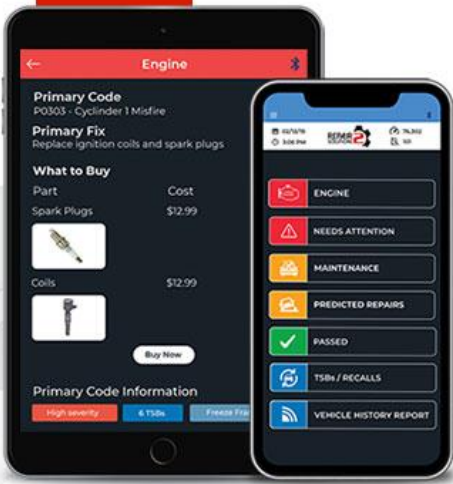2. Follow the in-app instructions to pair your INNOVA 3100RS scanner via Bluetooth.
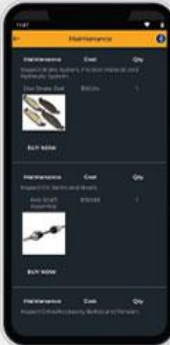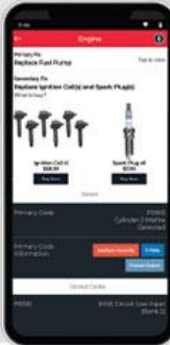
Figure 2.1: The RepairSolutions2 app interface, showing options for engine diagnostics, maintenance, parts, and predicted repairs.

## 3. OPERATING INSTRUCTIONS

The INNOVA 3100RS provides various diagnostic functions accessible through its intuitive interface and hotkeys.

Figure 3.1: Overview of the INNOVA 3100RS capabilities, including Check Engine Lights, Oil Light Reset, ABS Codes, SRS Codes, Emission Status, and Battery System checks.

## 3.1. Reading and Clearing Codes

The scanner can read and clear diagnostic trouble codes (DTCs) for the engine, ABS, and SRS systems.

1. Connect the scanner to the vehicle's OBD2 port and turn the ignition on.
2. The scanner will automatically link to the vehicle and display any detected codes.
3. Use the navigation buttons to view code definitions and severity levels.
4. To clear codes, press the **ERASE** button. Confirm the action when prompted. Clearing codes will turn off the Check Engine Light, ABS light, or SRS light, but the underlying issue must be resolved to prevent recurrence.

## 3.2. Live Data Stream

View essential vehicle information in real-time to aid in diagnosis.

1. From the main menu, select 'Live Data' or press the**LD** hotkey.
2. The screen will display parameters such as RPM, vehicle speed, engine temperature, and more.
3. Use the navigation buttons to scroll through available data parameters.

Figure 3.2: A user operating the INNOVA 3100RS scanner inside a vehicle, viewing live data on the device's screen.

## 3.3. Oil Light Reset

Reset the oil maintenance light and view oil life information.

1. Navigate to the 'Oil Reset' function from the main menu.
2. Follow the on-screen instructions, which typically involve turning the ignition on (engine off), pressing and releasing the accelerator pedal a specified number of times, and then turning the ignition off.

Figure 3.3: The INNOVA 3100RS screen showing step-by-step instructions for performing an oil reset procedure.

## 3.4. Battery and Charging System Test

Check the health of your vehicle's battery and alternator.

1. Select 'Battery Test' or 'Charging System Test' from the menu.
2. Follow the prompts to perform the test. The scanner will display the battery voltage and charging system status.

## 3.5. Smog Check Readiness

Determine if your vehicle is ready for an emissions test.

1. Select 'Smog Check' or 'I/M Readiness' from the menu.
2. The scanner will display the status of various emission monitors (e.g., O2 Sensor, Catalyst, EVAP System). A green light indicates readiness, while a yellow or red light indicates incomplete or failed tests.

## 3.6. Freeze Frame Data

View a snapshot of vehicle conditions at the moment a trouble code was triggered.

1. When a DTC is present, select 'Freeze Frame' or press the **FF/DTC** hotkey.
2. The screen will display parameters such as engine RPM, vehicle speed, and coolant temperature recorded at the time of the fault.

# 4. MAINTENANCE

## 4.1. Cleaning the Device

Wipe the scanner with a soft, damp cloth. Do not use abrasive cleaners or solvents. Keep the OBD2 connector free of dirt and debris.

## 4.2. Software Updates

Ensure your INNOVA 3100RS firmware and the RepairSolutions2 app are kept up-to-date for optimal performance and the latest vehicle coverage. Updates for the scanner are typically managed through the RepairSolutions2 app or the Innova website.

## 4.3. Storage

Store the device in a dry, cool environment away from direct sunlight and extreme temperatures when not in use.

# 5. TROUBLESHOOTING

## 5.1. No Power to Scanner

- Ensure the OBD2 cable is securely connected to the vehicle's port.
- Verify the vehicle's ignition is in the 'ON' position (engine off).
- Check the vehicle's fuse for the OBD2 port (consult your vehicle's owner's manual).

## 5.2. Link Error / Cannot Connect to Vehicle

- Confirm the vehicle is OBD2 compliant (most 1996 and newer vehicles).
- Ensure the ignition is on and the engine is off.
- Try connecting to a different OBD2 compliant vehicle to rule out scanner issues.
- Check for any visible damage to the OBD2 cable or connector.

## 5.3. App Connection Issues

- Ensure Bluetooth is enabled on your smartphone.
- Verify the scanner is powered on and within Bluetooth range of your phone.
- Restart both the scanner and your smartphone.
- Re-pair the device through the RepairSolutions2 app settings.

## 5.4. General Diagnostic Assistance

For detailed diagnostic information, verified fixes, and part recommendations related to specific trouble codes, utilize the RepairSolutions2 app. The app provides access to a comprehensive database to help resolve vehicle issues effectively.
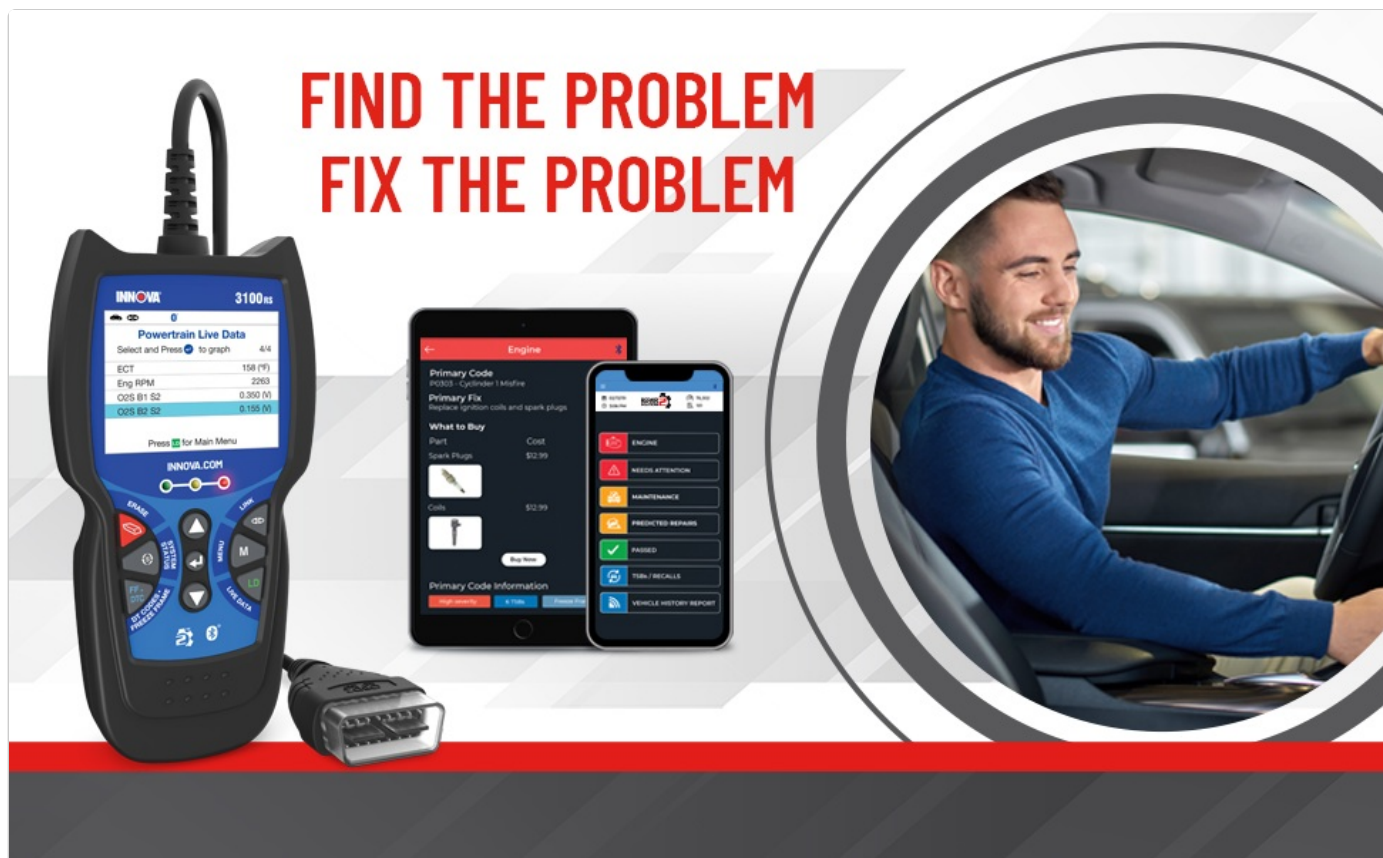
Figure 5.1: The INNOVA 3100RS scanner and a smartphone displaying the RepairSolutions2 app, illustrating how the tools work together to identify and fix vehicle problems.

## 6. Specifications

| Feature | Description |
|---|---|
| Model | 3100RS |
| Brand | Innova |
| Manufacturer | Innova Electronics Corp. |
| Item Weight | 14.4 ounces |
| Product Dimensions | 6 x 3.3 x 1 inches |
| Compatibility | Most 1996 and newer domestic, Asian, and European OBD2 compliant vehicles (cars, light trucks, SUVs, hybrids) |
| Special Features | Check Engine (Read/Clear DTCs), Emissions/Smog Check Readiness, ABS/Brake Codes (Read/Clear), Battery/Charging System Test, Live Data Stream, Supports All 10 OBD2 Modes, Oil Level & Oil Life, Oil Light Reset, SRS/Airbag Codes (Read/Clear) |
| Connectivity | OBD2 Cable, Bluetooth (for RepairSolutions2 app) |
| Supported Languages | English, Spanish, French |

## 7. Support

For any questions, technical assistance, or troubleshooting, please contact Innova's customer support team.

## 7.1. Customer Service

Innova provides a California-based, ASE-Certified Customer Support Team available to assist you. Refer to the contact information provided in your Quick Start Guide or visit the official Innova website for current support details.



Figure 7.1: Innova's customer support team is available to provide assistance.

## 7.2. Online Resources

Visit the official Innova website (www.innova.com) for product registration, software updates, FAQs, and additional resources.

## 7.3. Warranty Information

Specific warranty details are typically included with your product documentation. Please refer to the Quick Start Guide or the Innova website for comprehensive warranty terms and conditions.

## Related Documents - 3100RS

| | |
|---|---|
| | [INNOVA 3160g ABS & SRS Scan Tool Owner's Manual](#)<br>Comprehensive owner's manual for the INNOVA 3160g ABS & SRS Scan Tool, detailing its features, operation, and diagnostic capabilities for OBD2 and OBD1 vehicles. Learn how to troubleshoot engine, ABS, and SRS systems. |
| | [Innova 3150d DIGITAL ABS & SRS Diagnostic Tool Owner's Manual \| OBD2 Vehicle Scanner](#)<br>Explore the Innova 3150d Owner's Manual for comprehensive guidance on diagnosing ABS and SRS issues in OBD2 vehicles (1996+). Learn to retrieve DTCs, understand monitor status, and utilize advanced diagnostic features. Visit innova.com for support. |
| | [Innova 3100j OBD2 Diagnostic Tool Owner's Manual](#)<br>Comprehensive owner's manual for the Innova 3100j OBD2 Diagnostic Tool, covering setup, usage, safety, diagnostic procedures, and vehicle compatibility for troubleshooting 1996 and newer vehicles. |
| | [INNOVA CarScan+ ABS/SRS Owner's Manual](#)<br>User guide for the INNOVA CarScan+ ABS/SRS diagnostic tool (Part Number 31603), explaining its features for reading OBD2, ABS, and SRS codes, live data, and system monitoring for 1996+ vehicles. |
| | [FixAssist DIGITAL Can OBD2 Scan Tool Owner's Manual](#)<br>This owner's manual provides comprehensive guidance for operating the FixAssist DIGITAL Can OBD2 Scan Tool. Designed for 1996 and newer OBD2 compliant vehicles, this tool empowers users to diagnose and troubleshoot a wide range of automotive issues, including retrieving DTCs, viewing live data, and accessing repair procedures. |
| | [Innova FixAssist Scan Tool Owner's Manual: OBD2 Vehicle Diagnostics](#)<br>Comprehensive owner's manual for the Innova FixAssist Scan Tool, detailing how to use the OBD2 diagnostic device to troubleshoot vehicle issues, read trouble codes, view live data, and understand vehicle emissions systems. |

Documents - Innova – 3100RS

INNOVA® 3100RS 0x03E5 USER S MANUAL May06 2025 FW V23 01 02 BL V22 08 DB 00 ELECTRONICS CORP Manual  English Innova Product Manuals Electronics Knowledge Base INNOVA v 1746564100 cdn shopify s files 1 0266 1302 2766 |||

CarScan **3100RS** ADVISOR USER;S MANUAL WELCOME TO THE INNOVA FAMILY i Hello... On behalf of everyone at INNOVA, we want to welcome you and thank you for purchasing the INNOVA Car Scan Tool Every automotive diagnostic Scan Tool we make includes tons of pro-level features designed to help maximiz...

lang:en score:31 filesize: 14.67 M page_count: 53 document date: 2025-05-06

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Manual  Spanish Innova OBD2 Scan Tool Updates Electronics Knowledge Base 20200920 3100RS S Version FINAL csr innova Content |||
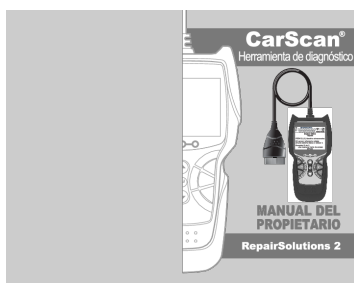
ndice PRECAUCIONES DE SEGURIDAD LA SEGURIDAD ES PRIMERO ........................................... 1 CONTROLES DE LA HERRAMIENTA DE DIAGNSTICO CONTROLES Y INDICADORES ........................................... 3 FUNCIONES DE LA PANTALLA ........................................... 4 AJUSTES ...

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