**Innova 6030P**

# INNOVA 6030P OBD2 Scanner Diagnostic Tool User Manual

Model: 6030P

## 1. Introduction

This manual provides comprehensive instructions for the INNOVA 6030P OBD2 Scanner Diagnostic Tool. The 6030P is designed to assist in diagnosing vehicle issues by reading and clearing diagnostic trouble codes (DTCs), monitoring live data, performing battery and alternator tests, and conducting smog checks. It supports all 10 OBDII modes and includes ABS code reading capabilities for most 1996 and newer Domestic, European, and Asian vehicles.

## 2. Product Overview

The INNOVA 6030P is a handheld diagnostic tool featuring a clear display and intuitive controls. It connects to your vehicle's On-Board Diagnostics (OBDII) port to access vehicle system information.

### 2.1. Package Contents

- 1x INNOVA 6030P Code Reader with Diagnostic Cable
- 1x Quick Start Guide

### 2.2. Key Features

- **All 10 OBDII Modes:** Comprehensive diagnostic capabilities.
- **ABS Code Reading:** Diagnose and troubleshoot Anti-lock Braking System issues.
- **Check Engine Light (CEL):** Read and clear engine trouble codes.
- **Live Data Stream:** View real-time vehicle sensor data (RPM, oil temperature, etc.).
- **Battery & Charging System Test:** Evaluate battery and alternator performance.
- **Code Severity Levels:** Indicates the urgency of a diagnostic trouble code.
- **Smog Check Readiness:** Determine if your vehicle is ready for an emissions test.
- **RepairSolutions2 App Connectivity:** Wireless access to verified repairs and maintenance schedules.




Figure 1: The INNOVA 6030P OBD2 Scanner Diagnostic Tool.

# 3. Setup

## 3.1. Initial Connection

1. Locate your vehicle's OBDII port. This is typically found under the dashboard on the driver's side.
2. Ensure the vehicle's ignition is in the OFF position.
3. Plug the diagnostic cable from the INNOVA 6030P into the vehicle's OBDII port. Ensure a secure connection.
4. Turn the vehicle's ignition to the ON position (do not start the engine). The scanner will power on automatically.

## 3.2. RepairSolutions2 App Pairing

The INNOVA 6030P can connect wirelessly to the RepairSolutions2 app for enhanced features and repair information.

1. Download the RepairSolutions2 app from the Google Play Store or Apple App Store.
2. Open the app and follow the on-screen instructions to create an account or log in.
3. Ensure Bluetooth is enabled on your mobile device.
4. On the INNOVA 6030P, navigate to the 'Link' or 'Bluetooth' menu option (refer to the Quick Start Guide for specific button functions).
5. Within the RepairSolutions2 app, select the option to pair with a new device. Select the INNOVA 6030P from the list of available devices.
6. Confirm the pairing on both the scanner and your mobile device if prompted.




Figure 2: The INNOVA 6030P connecting to the RepairSolutions2 app.

# 4. Operating Instructions

After connecting the scanner to your vehicle, use the navigation buttons (up, down, left, right, MENU, M, LD) to access various functions.

## 4.1. OBDII Modes

The 6030P supports all 10 OBDII diagnostic modes, providing comprehensive vehicle data. These modes include reading codes, clearing codes, I/M readiness, live data, freeze frame data, O2 sensor test, on-board monitor test, component test, vehicle information, and modules present.




Figure 3: Overview of the 10 OBDII diagnostic modes available on the INNOVA 6030P.

## 4.2. Reading and Clearing Codes

To read diagnostic trouble codes (DTCs), select the 'Read Codes' option from the main menu. The scanner will display any stored, pending, or permanent codes. To clear codes, select the 'Erase' button or 'Clear Codes' option. Clearing codes will turn off the Check Engine Light (CEL) but will not fix the underlying issue.




Figure 4: The INNOVA 6030P displaying Check Engine Light diagnostic information.

## 4.3. ABS Code Diagnosis

The 6030P can read and erase Anti-lock Braking System (ABS) codes for most compatible vehicles. Select the 'ABS' option from the menu to access ABS diagnostics. This function helps identify issues with wheel speed sensors, ABS modules, and other braking system components.

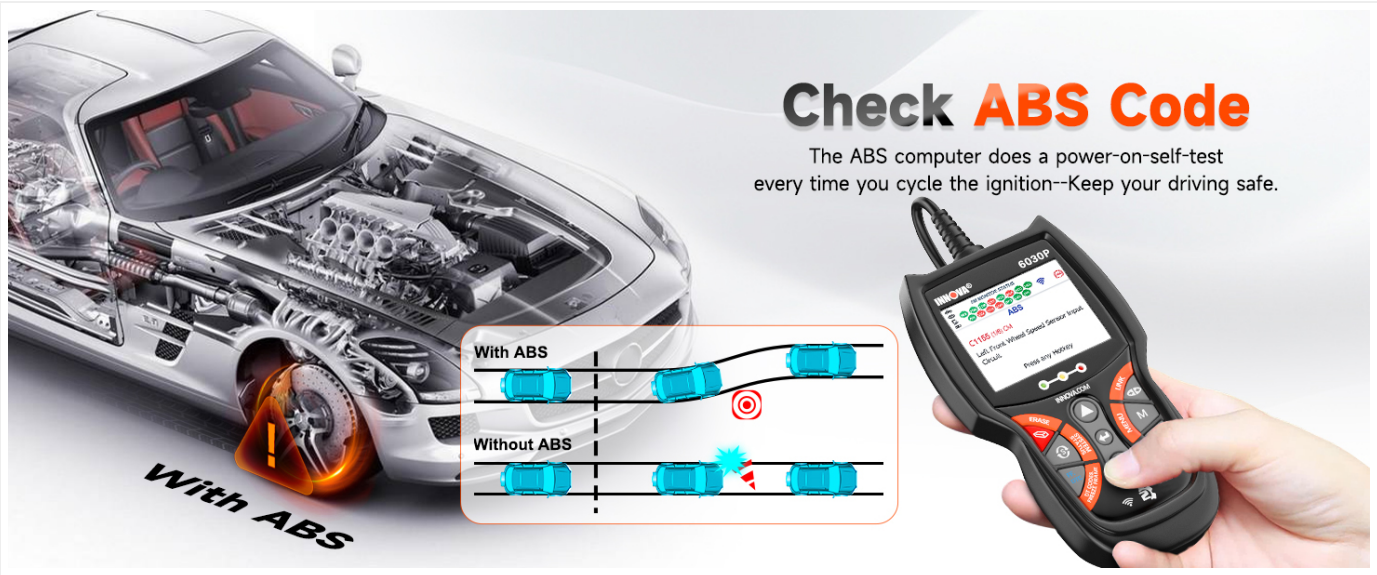



Figure 5: The INNOVA 6030P diagnosing an Anti-lock Braking System (ABS) issue.

## 4.4. Live Data Stream

Access real-time vehicle performance data by selecting 'Live Data' (LD button). This feature allows you to monitor various sensor readings, such as engine RPM, coolant temperature, vehicle speed, and O2 sensor voltages, which can be crucial for diagnosing intermittent problems.

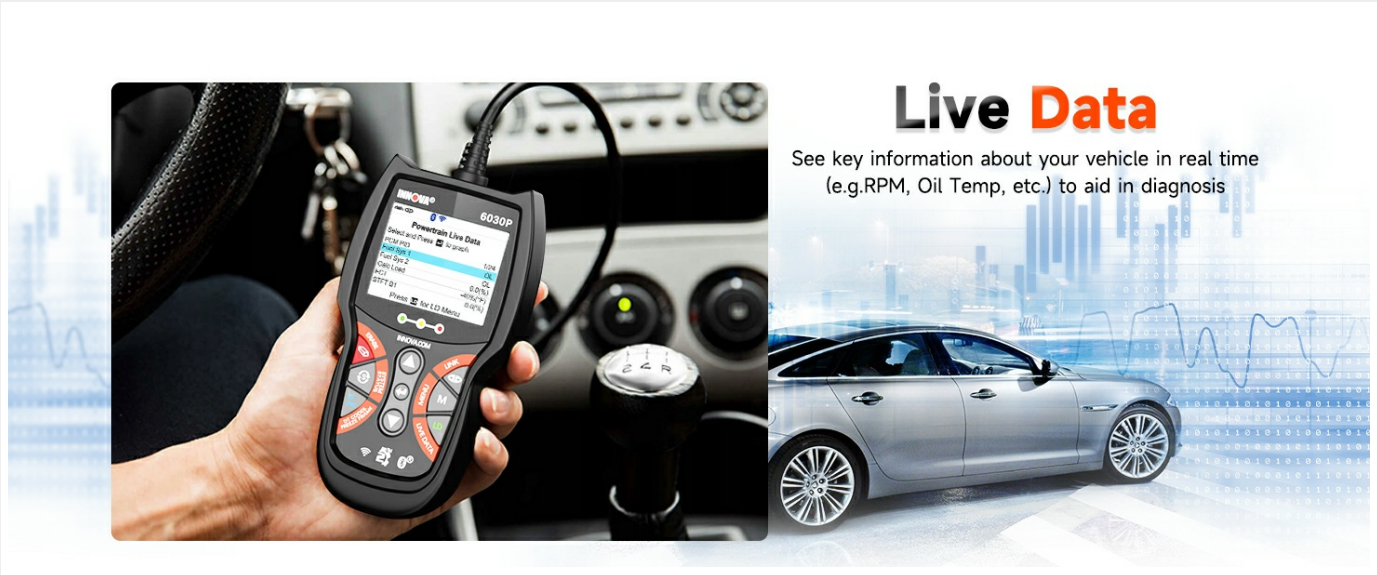



Figure 6: The INNOVA 6030P displaying live data from a vehicle's engine.

## 4.5. Code Severity Levels

The 6030P provides Code Severity Levels to help you understand the urgency of a detected issue. This feature categorizes codes to indicate whether immediate attention is required or if the issue can be addressed at a later time.




Figure 7: The INNOVA 6030P indicating code severity levels for diagnostic trouble codes.

## 4.6. Battery and Alternator Test

Perform quick tests on your vehicle's battery and charging system to diagnose no-start or hard-start conditions. The scanner provides readings to help determine if the battery or alternator is operating within recommended voltage specifications.




Figure 8: The INNOVA 6030P performing a battery and charging system test.

### 4.7. Smog Checks

The 6030P can help you determine if your vehicle will pass an emissions test by checking the status of various emission-related monitors. It can also recommend trip cycle procedures to ensure all monitors are set to 'Ready'.




Figure 9: The INNOVA 6030P displaying smog check readiness indicators.

## 5. Maintenance

To ensure the longevity and optimal performance of your INNOVA 6030P, follow these maintenance guidelines:

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the scanner in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Avoid bending or crimping the diagnostic cable excessively. Store it neatly when not in use.
- **Screen Protector:** The device comes with a tightly-fitting screen protector. If scratches appear, carefully peel off the protector from a corner.

## 6. Troubleshooting

If you encounter issues with your INNOVA 6030P, refer to the following common troubleshooting steps:

- **No Power:** Ensure the diagnostic cable is securely connected to the vehicle's OBDII port and the vehicle's ignition is in the ON position. Check the vehicle's fuse for the OBDII port if necessary.
- **Cannot Connect to Vehicle:** Verify the vehicle is OBDII compliant (most 1996 and newer vehicles). Ensure the cable connection is firm. Try connecting to a different compatible vehicle to rule out a vehicle-specific issue.
- **App Pairing Issues:** Ensure Bluetooth is active on your mobile device and the scanner. Restart both the scanner and your mobile device, then attempt pairing again.
- **Inaccurate Readings:** Ensure the vehicle's ignition is ON and the engine is not running for static tests, or running for live data. Verify the vehicle's make, model, and year are correctly recognized by the scanner.
- **Screen Display Problems:** If the screen is blank or distorted, try restarting the device by disconnecting and reconnecting it to the vehicle.

For more specific coverage information or persistent issues, please visit innova.com (Coverage Checker) or contact customer support.

## 7. Specifications

| Feature | Detail |
|---|---|
| Model | 6030P |
| Dimensions | 10.7 x 7.2 x 2.2 inches |
| Item Weight | 11.7 ounces |
| Operating System Compatibility | iOS and Android (for RepairSolutions2 app) |
| Connectivity | Wired (OBDII), Bluetooth/Wifi (for app) |
| Special Features | All 10 OBDII Modes, Battery & Charging System Test, Bluetooth/Wifi supported, Check Engine Light and ABS, Code Severity Alert, Live Data Stream, Plug and Play |

## 8. Warranty and Support

### 8.1. Warranty Information

The INNOVA 6030P comes with 12 months of supported warranty from the date of purchase. Please retain your proof of purchase for warranty claims.

### 8.2. Customer Support

INNOVA provides US-based technical support for its products. For assistance, free updates, or any inquiries, please contact:

- **Email:** support@romondestech.com
- **Website:** innova.com


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and use this page's manual context to help answer it.

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

**Details**

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