

Innova 6100P

INNOVA 6100P OBD2 Scanner Instruction Manual

Model: 6100P

1. INTRODUCTION

The INNOVA 6100P diagnostic tool is designed to assist vehicle owners and technicians with vehicle maintenance and repair. This code reader is compatible with all 1996 and newer OBD2 compliant cars, light trucks, SUVs, hybrids, and minivans. It provides comprehensive diagnostic capabilities including reading and erasing trouble codes for the engine, Anti-lock Braking System (ABS), Supplemental Restraint System (SRS), and transmission. Additionally, it offers oil reset procedures, battery and alternator testing, and live data monitoring for efficient vehicle health assessment.



Figure 1: The INNOVA 6100P OBD2 Scanner.

2. WHAT'S IN THE BOX

Upon opening the package, ensure all the following items are present:

- 1x 6100P Code Reader with Diagnostic Cable
- 1x Quick Start Guide

Video 1: Unboxing and contents of the INNOVA 6100P package.

3. SETUP

1. **Connect the Diagnostic Cable:** Attach the diagnostic cable to the top port of the INNOVA 6100P unit. Ensure it is securely fastened.
2. **Locate the Vehicle's OBD2 Port:** The OBD2 port is typically located under the dashboard on the driver's side of the vehicle. Refer to your vehicle's owner's manual for the exact location if needed.
3. **Connect to Vehicle:** Plug the diagnostic cable's OBD2 connector into your vehicle's OBD2 port. The connector may illuminate to indicate a successful connection.
4. **Power On the Vehicle:** Turn the ignition key to the 'ON' position without starting the engine. The code reader will automatically link to the vehicle's computer.
5. **Battery Installation:** The device requires 3 AAA batteries. Ensure they are correctly installed in the battery compartment located on the back of the unit.



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Figure 2: Connecting the INNOVA 6100P to a vehicle's OBD2 port.

4. OPERATING INSTRUCTIONS

4.1. Navigating the Menu

The INNOVA 6100P features a user-friendly interface with dedicated buttons for various functions. Use the directional buttons (up, down, left, right) to navigate through menu options and the 'M' (Menu) button to access the main menu. The 'Enter' button (center) confirms selections, and the 'Back' button (left arrow) returns to the previous screen.

4.2. Reading and Erasing Diagnostic Trouble Codes (DTCs)

The 6100P can read and clear engine, ABS, SRS, and transmission codes. After connecting the device and powering on the vehicle, the scanner will automatically link and display any stored DTCs.

1. From the System Menu, select the desired system (e.g., Global OBD2, ABS, SRS, OEM Enhanced).
2. The scanner will display any stored or pending DTCs.
3. To erase codes, press the **ERASE** button. Confirm your selection when prompted. Ensure the engine is off and the ignition is in the 'ON' position before erasing codes.



INSPECT.VERIFY.FIX.
Find the problem and Fix the problem

ABS Codes Airbag Codes

Transmission Oil Reset

Battery Test Live Data

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Figure 3: The scanner displaying diagnostic trouble codes for various systems.



Figure 4: ABS and SRS diagnosis capabilities of the INNOVA 6100P.

4.3. Live Data Monitoring

View essential powertrain information in real-time for efficient diagnosis and enhanced parameter analysis. This includes RPM, speed, oil temperature, and more. The data logging functionality allows you to record live data for later review or sharing.

4.4. Battery & Alternator Test

This feature allows you to check the performance of your vehicle's charging system, including the battery and alternator. This is particularly useful for diagnosing starting issues.

BATTERY & ALTERNATOR TEST

Check If Your Car Battery Works



Figure 5: Conducting a battery and alternator test with the INNOVA 6100P.

4.5. Oil Reset

The Oil Reset feature provides step-by-step procedures for resetting the oil change light, mileage, or driving time for most 1996 and newer OBD2 vehicles. It also monitors oil level and oil life status.

OIL RESET+OIL LEVEL +OIL LIFE STATUS

Reset your oil maintenance light and view important maintenance information (Oil Light Reset+Oil Level+Oil Life) necessary for servicing your vehicle.



Figure 6: The oil reset function on the INNOVA 6100P.

4.6. Drive Cycle Procedures

This function helps determine if your vehicle will pass a state vehicle smog test by offering trip cycle procedures to complete the smog check effectively.

4.7. Full OBD2 Modes

The device supports all 10 OBD2 modes, offering comprehensive functions from live data stream to drive cycle procedures, freeze frame data, I/M readiness, EVAP test, DTC lookup, and vehicle information.

FULL 10 OBD2 MODES

Comprehensive obd2 functions ranging from live data stream to drive cycle procedures



Figure 7: Overview of the 10 full OBD2 modes available on the INNOVA 6100P.

Video 2: A demonstration of the various features and functions of the Innova 6100P OBD2 Scanner.

Video 3: The Innova Vehicle OBD2 Scanner 6100P in action, demonstrating its diagnostic capabilities.

5. MAINTENANCE

To ensure the longevity and optimal performance of your INNOVA 6100P, follow these maintenance guidelines:

- **Screen Care:** The device's screen comes with a tightly-fitting screen protector. If any scratches appear, carefully peel off the screen protector from a corner.
- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid using abrasive cleaners or solvents.
- **Storage:** Store the scanner in its protective pouch in a cool, dry place when not in use.

6. TROUBLESHOOTING

If you encounter issues with your INNOVA 6100P, consider the following:

- **No Powertrain DTCs or Freeze Frame Data:** If the device indicates no powertrain DTCs or freeze frame data, it means no such data is currently stored in the vehicle's computer.
- **Coverage Issues:** For specific vehicle or feature coverage information (e.g., ABS, SRS, alternator test, oil reset), visit innova.com/coverage.
- **Technical Support:** For any other issues, contact the Romondes Team via email at support@romondestech.com.

7. SPECIFICATIONS

Feature	Specification
Manufacturer	CoolMouse
Brand	Innova
Item Weight	1.06 pounds
Product Dimensions	10.5 x 8 x 3 inches
Item Model Number	6100P
Batteries	3 AAA batteries required
Voltage	12 Volts
Power Source	Plug and Play
Operating System	App store & Google Play
Screen Size	2.8 Inches
Language	English

8. WARRANTY AND SUPPORT

The INNOVA 6100P scanner is designed and developed in the US, offering professional-level functionality with entry-level ease. For technical assistance, benefit from unmatched support from ASE certified technicians.

For more specific coverage information, please visit innova.com/coverage to find out if your vehicle or specific features are covered.

For any issues or inquiries, you may contact the Romondes Team via email at support@romondestech.com.

