

Article Overview

PSA distribution box programming can be performed using tools like DiagBox Lexia 3, Stellacan, or Arduino-based PSA diagnostic setups, depending on the vehicle model and year.

Using DiagBox Lexia 3

For Peugeot and Citroen vehicles from 1996 to 2014, the Lexia 3 DiagBox PP2000 is a widely used tool that allows full factory-level access to ECUs, including the distribution box. It connects via the 30-pin OBD port and enables:

- o Reading and clearing fault codes
 - o Programming and calibration of modules
 - o Immobilizer and security system configuration
 - o Resetting ECUs after component replacement
- The software runs best on Windows XP or Windows 7 32-bit, and a dedicated PC is recommended to avoid internet-related issues. For vehicles after 2005, DiagBox can run natively on 64-bit Windows, but PP2000 and Lexia functions may require a 32-bit environment or virtual machine setup .

Using Stellacan

Stellacan provides a professional, dealership-level solution for PSA vehicles from 2008 onwards, covering Peugeot, Citroen, DS, and Opel. It allows:

- o Full ECU access and coding
 - o Guided programming procedures for modules
 - o Sensor data streaming and PDF report generation
 - o Component adaptation and configuration
- Stellacan is subscription-based and includes software updates, knowledge base access, and remote support, making it suitable for workshops handling multiple vehicles .

Arduino-Based PSA Programming

For hobbyists or advanced users, Arduino-based PSA diagnostic setups can communicate with ECUs using UDS/KWP protocols over CAN or LIN buses. These setups allow:

- o Sending raw diagnostic frames to the distribution box
 - o Unlocking ECUs for coding
 - o Writing secured traceability zones to avoid DTC errors
 - o Custom scripting for calibration and telematics modules
- Repositories like ludwig-v/arduino-psa-diag and



PSA Programming for Distribution Box

PSA NAC/RCC Arduino provide source code, seed/key algorithms, and tutorials for offline programming without internet access .

Practical Tips

- o Always ensure the interface is Full Chip with proper serial numbers to avoid communication issues .
- o Follow manufacturer or community guides for traceability zones and secured writing procedures to prevent ECU errors.
- o For older vehicles, a Lexia 3 with PP2000 is often sufficient, while newer models may require Stellacan or updated DiagBox versions.
- o Keep a dedicated diagnostic PC and avoid connecting it to the internet during programming to prevent software conflicts. By selecting the appropriate tool and following secure programming procedures, you can reliably program or calibrate the PSA distribution box and related modules.

You must register on the PSA SERVICE BOX site - Register is free. When you register you can buy token for

Power System Automation (PSA) is the primary electrical system utilized throughout the plant to provide protection, control, and

Entraide au diagnostique et outils de diag PSA et multimarques, Liens d'achat conseilés d'interface de diag, tutoriels et Forum

This article introduces a software solution that meets these requirements. Overview of PSA

PSA NAC / RCC Diagbox Configuration software. fork of https://github.com/ludwig-v/arduino-psa-nac_rcc_cirocco. This is the offline

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Service Box Opérateurs Indépendants Toutes les informations concernant la nouvelle procédure de connexion et les évolutions du

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Microsoft is radically simplifying cloud dev and ops in first-of-its-kind Azure Preview portal at portal.azure.com

Explore PSA Security, North America's leading security integrator network offering strategic partnerships, industry benefits, training,

PSA Programming for Distribution Box

PSA programming interface information ONLY the following fields are part of the programming interface information:

Does anyone know if and how we can connect to the PSA servers for a one off fee in order to download ECU software

With this Buyer's Guide, we aim to outline the equipment required to diagnose and programme PSA Group vehicles.

PSADealer Customer Secure Login Page. Login to your PSADealer Customer Account.

Stream must-see series, hit movies, exclusive originals, family favorites, and live sports.

PSA-COM Bluetooth is a diagnostic and programming for Peugeot/Citroen vehicles. It can access to various

Web: <https://millstraining.co.za>

