

This document provides instructions for activating and upgrading a SOLUS™ diagnostic tool using DSS ScanBay.

Programming Time

Estimated Platform Activation Time: 1 minutes

To speed new platform activation, make sure to perform a DSS ScanBay Truck Stock upgrade at the time of a new software release.

Software Upgrade Estimated Time: 13 minutes

Includes CompactFlash® (CF) programming, unit restart and installation/loading.

Before You Begin

To perform the activation or the software upgrade, you need the following:

- SOLUS unit
- DSS and DSS ScanBay installed on PC
- 512MB CF programmed by DSS ScanBay with current software upgrade (see Appendix A: CompactFlash (CF) Card Software Upgrade Programming Instructions)
- Access to AC/DC power
- The unit's AC/DC power supply
- Six fresh AA Alkaline batteries in SOLUS
- A standard CF card reader

IMPORTANT:

Make sure you have the AC/DC power supply available. We strongly recommend using the power supply to power your unit. If you do not have an AC/DC power supply, and you are using batteries to power your unit, make sure you have new alkaline AA batteries available. Non-alkaline batteries are not recommended for use in this unit. The life expectancy of non-alkaline batteries varies and is not guaranteed to power your SOLUS through the upgrade process.

Activating and Upgrading the Software

This software installation can only be run one time and on one SOLUS unit. The instructions below describe how to upgrade your SOLUS unit system software.

IMPORTANT:

Never insert or remove the CF card from CF slot 1 when your SOLUS unit is powered on. Doing so can damage the software on the CF card.

**To upgrade the SOLUS™ system software:**

1. Power off your SOLUS unit.
2. Remove all CF cards from the top slots (Figure 1).

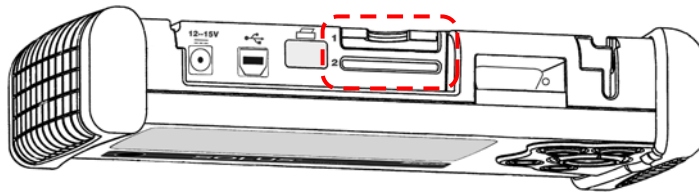


Figure 1 Top view of the SOLUS—CF slots

3. Insert the upgrade master CF card in CF slot 1.

IMPORTANT:

The CF card fits easily into the slot only when inserted properly. Do not force the CF card into the slot.

4. Plug the 2.5 mm end of the AC/DC power supply cord into the DC power input on the top of your scan tool (Figure 2) and plug the other end of the power supply into an appropriate wall socket.

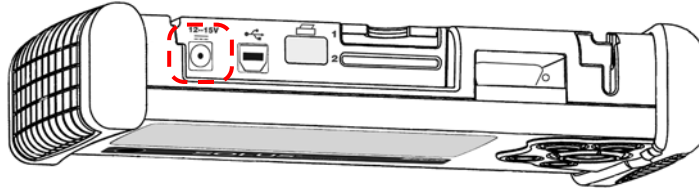


Figure 2 DC power input location

If you do not have an AC/DC power supply, install new alkaline AA batteries in your unit (Figure 3).

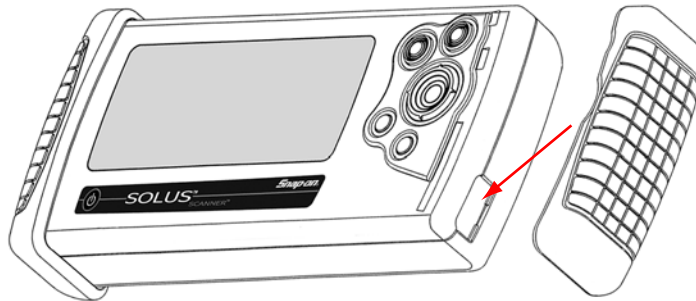


Figure 3 Battery location

IMPORTANT:

Do not disconnect power while the upgrade is installing. If power is lost during the upgrade process, damage can occur and prevent the unit from operating.

5. Press the **Power** button.
The upgrade process begins.
6. Follow the on-screen instructions.
If you are upgrading software version 5.4 or earlier, CPLD reprogramming may occur, during which time you will hear beeping, the screen will become blank, and the unit will automatically power off.
7. Power on the unit again (if required) and follow the on-screen instructions to continue the installation.

The **Scanner File Download** progress indicator displays and the upgrade continues (Figure 4).

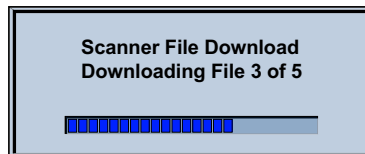


Figure 4 Sample Scanner File Download dialog box

- When the “Download Completed” message displays, press **Y/✓** to continue (Figure 5).

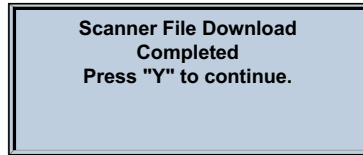


Figure 5 *Sample download Complete message*

When the main menu displays, the process is complete and you may begin to use your system.

Optional Software Kit Owners

If you have previously installed an optional software kit, such as the European Vehicle Communication Software Kit, you do not need to re-initialize it after completing this system software upgrade.

Appendix A: CompactFlash (CF) Card Software Upgrade Programming Instructions

This document provides instructions for transferring a software upgrade or upgrade program to a CF card using DSS ScanBay, prior to installing the software on the SOLUS unit.

Before You Begin

To download a software upgrade for the SOLUS you need:

- A standard CF card reader
- The CF card that contains the software program removed from the diagnostic tool to be upgraded.



To download an upgrade to a CF card:

1. Connect the card reader to your PC.
2. Install the CF card into the card reader (Figure 6).

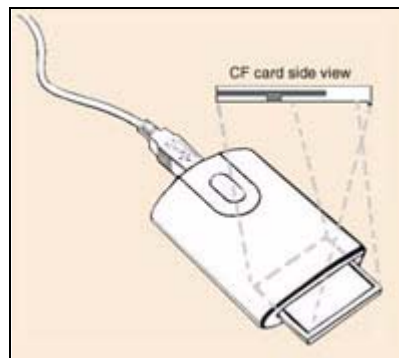


Figure 6 Sample CF card reader

A “removable disk” window may automatically open on the PC (Figure 7).



Figure 7 Sample removable disk window

3. If the removable disk window opens, click **Cancel** to close it.
4. Follow the prompts on the PC where applicable.
5. Open an invoice for your customer and click the **ScanBay** button.
The Select Programming Media dialog box displays (Figure 8).

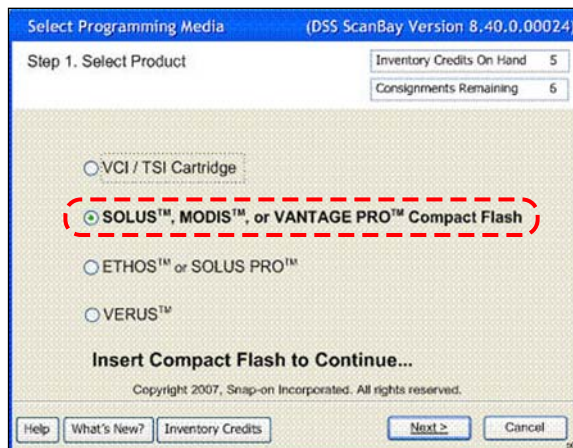


Figure 8 Sample Select Programming Media dialog box

6. Select **SOLUS, MODIS or VantagePRO–CompactFlash** in the dialog box, then click **OK**.
The ScanBay Programmer Software window displays (Figure 9).
7. **Check** the box for the software you want to download and follow the screen prompts to select the correct download and identify your customer.

8. Verify all information is accurate on the confirmation screen, then select **Next** to continue.

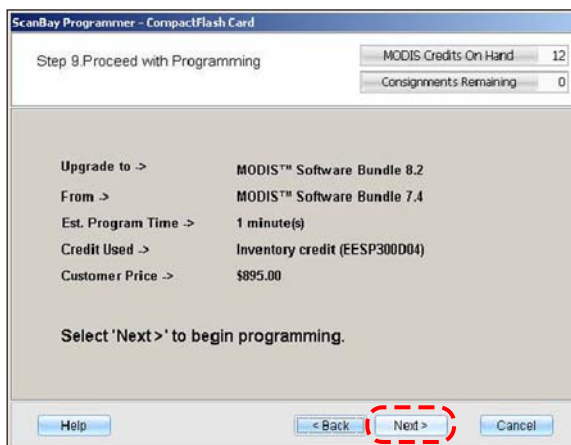


Figure 9 Sample download verification screen

9. After the download completes, select Finish to close the ScanBay Programmer.
10. Eject the CF card from the CF card reader (Go to **My Computer**, right-click the CF drive, and select **Eject** from the pop-up menu).

The CF card is now ready to upgrade the software on a handheld diagnostic tool, follow the instructions for the specific tool to install the upgrade.



NOTE:

This software installation can only be run one time and on one handheld diagnostic tool.