

**SS002-02** 



BULLETIN

June 7, 2002

#### Title: MIDTRONICS BATTERY TESTER SOFTWARE UPDATE Models:

All Models & Model Years Through Current

## Introduction The internal software of the Midtronics Battery Tester can now be periodically updated to support future models. New updates will include new battery warranty codes and testing information.

The Technical Information System (TIS) will be the primary distribution method for battery tester software updates. Utilizing the new Midtronics Update Wizard (MUW) and the new essential SST (Midtronics Battery Tester Adapter), you will be able to quickly and easily update your Midtronics Battery Tester.

This bulletin will show you how to use and install the Midtronics Update Wizard to update the Midtronics tester software.

#### Applicable • All models and model years through current. Vehicles

Required	SPECIAL SERVICE TOOLS (SSTs)	PARTNUMBER	QUANTITY
Material	Midtronics Battery Tester*	00002–MP815–T	1
	Midtronics Battery Tester Adapter*	00002-DMPUC	1

Essential SSTs.

Warranty	OP CODE	DESCRIPTION	TIME	OPN	T1	Т
Information	N/A	Not Applicable to Warranty	-	_	Ι	-

Process Overview

## **ss** The Midtronics Battery Tester Software Update is a 2-step process:

#### <sup>1</sup> 1. Installing the Midtronics Update Wizard (MUW).

The Midtronics Update Wizard (MUW) is an application that only needs to be installed on the PC one time. This bulletin will provide the steps to install the MUW.

#### 2. Using the Midtronics Update Wizard (MUW).

The Midtronics Update Wizard (MUW) will be used with each battery tester software update. The Update Wizard will walk you through each step to connect the PC to the tester and perform the update.



#### Operation Procedure: Preparation

#### Before Installation or Use of the Midtronics Update Wizard (MUW):

Steps A and B are required to begin the update process. (Refer to Figure 1.)

- A. Open TIS (Technical Information System) and go to the "Diagnostics" section.
- B. Click on the text "Midtronics Battery Tester Software."

FIGURE 1.	
	Diagnostics
Model All Models - Year All Years -	Techview           Display, Print, and Save Diagnostic Tester data in full color: Live, Snapshot and V-BOB           Display Modes: Line and Bar Graph, Digital and Analog Meter, and Combined Views
Search Reset	Diagnostic Tester Software           Reprogram the Program Card software quickly and easily           View the New Features, Tester Manual, and Known Bugs
Warranty Accessories References	Allows an ECU to be reprogramming Allows an ECU to be reprogrammed with a new calibration
Collision Repair	Immobilizer Reset         Allows registration of new Master Keys even if all original N         Midtronics Battery Tester Software         Update the Midtronics Battery Tester (SST 00002-MP815) software         View the lastest Technican Reference Card for the correct stock numbers
Diagnostics Campaign Inquiry	
Factory Communications Help	<u>Home   ASE   Legal Stuff</u> Page Last Updated 04/29/2002

Operation 1. Installing the Midtronics Update Wizard (MUW).

### Procedure

NOTE:

The Midtronics Update Wizard only needs to be installed once and must be installed before the rest of the update process can take place. If this step is already complete, continue on to step 2.

- A. Click on the text "Install MUW." (Figure 2.)
- B. The file download window will appear. Click on "Run this program from it's current location."
- C. Click the "OK" button.
- D. Allow the Update Wizard to perform its self-installation. This will take only a few minutes.



#### Operation 2. Using the Midtronics Update Wizard (MUW).

Procedure (Continued)

- A. Click on the latest version of production software. (Figure 3.) This will begin the software update process.
- B. The next screen to appear will be the first screen of the software update. Click "Next" to continue.



	Midtronics Update Wizard Step 1: Enter the Serial No	umber of your Te	ster.
a) C =	Enter the 6-digit Serial Number of your tester in the box below. The 6-digit number is after the "S/N:" The Serial Number label can be found below the handle of the tester next to the battery clamp cable connector. Please refer to the picture to the right to help locate your tester's Serial Number. Enter your Serial Number here: S/N: 000000		ELECTRONIC BATTERY TESTER Nadein U.S.A. av WDT30H G3. BO 7000 Non er Sterkt All calvador. L. (MSC), Prokater 15 Non er Sterkt All calvador. L. (MSC), Prokater 15 Non er Sterkt All Calvany U.S. Patents, 552-650 State 228: 45 7516: 4281(43); 44221, 70 416778-4237 MSC Calvary U.S. Patents, 552-650 State 228: 45 7516; 4281(43); 44221, 70 416778-4237 MSC Calvary U.S. Patents, 550 1983 MSC Ledwichingthen Denem, Calva 753 Frender Batter MSC 2000 State State State Calvary Understations, Its. and Horego Patents, State State State State State State Calvary Understate State State State State State Calvary Understate State State State State State State Calvary Understate State State State State State State State Calvary Understate State St

D. Connect the Midtronics Battery Tester to TIS as instructed (Figure 5), then click "Next."

#### NOTE:

Connecting the Midtronics Battery Tester to the TIS station will require the use of SST 00002–DMPUC. This is an adapter that allows the TIS RS–232 cable to plug into the Battery Tester. (Figure 5.)



E. Follow the instructions to put the Midtronics Battery Tester into the correct mode (Figure 6), then click "Next."



# Operation F. Confirm the software version and click "Next." (Figure 7.) Procedure (Continued) FIGURE 7. Midtronics Update Wizard

Teste	Serial Number:	117175	
Sele	cted update file:	193-121D.MUP	
		From Version	To Version
	Version	193-121, Rev. C	193-121, Rev. D
	Date Code	Dec, 1997	Dec, 2001
s up	Date Code	Dec, 1997 8 minutes to complete.	Dec, 2001

Figures 7–1 and 7–2 are confirmation dialogs that will pop up over the Update Information window (Figure 7) when:

- The update file is an older revision level than that found in the battery tester (Figure 7–1) or
- The update file is the same revision level as that found in the tester (Figure 7–2).

Click the "Yes" button to clear the pop-up dialog and continue with the update.

Continue with update?
Update File version 193-121, revision D is the same as Tester version 193-121, revision D.
Do you want to continue?
Yes No

G. The Midtronics Update Wizard (MUW) will now update the Midtronics Battery Tester software. (Figure 8.)

#### NOTE:

Do not interrupt this process (it will take approximately 5 minutes).

ndate Progress fo	Rattery Tester 117175.	MIDTRON
pulle rrogress ivi	buttery rester in nor	
Update in progress. Pleas	e wait!	
Tester found on COM1.		
Found Tester version 193- Update is to version 193-1	121 revision C 21, revision D	
Initializing tester		
	Do not interrupt this process.	
	25% Complete	

H. Upon successful completion, the Update Results screen will display "No errors" and the update is now complete. Click on the "Exit" button. (Figure 9.)

Midtronics Update Wizard	
Update Results	MIDTRONICS
No errors.	
Update completed successfully.	
Please disconnect the SST-00002-MP815 Battery Tester from t the TIS system.	the 12∀ battery and
Be sure to store the SST-00002-DMPUC adapter.	
Click "Exit" to close the Midtronics Update Wizard.	
	t ]

Your Midtronics Battery Tester is now updated and ready for use.

#### NOTE:

BE SURE TO REGULARLY CHECK TIS FOR FUTURE UPDATES:

- The Midtronics Battery Tester OE Stock Number Card will no longer be printed and shipped. It will be distributed through TIS from now on.
- Latest versions of Tester update software will be available on TIS.