

DT-104 Download Tool

Download Procedure

Kit No. 701-000140 and 701-000141

There are four (4) buttons on the DT-104 that allow changes: MENU, <, >, and ENTER. These buttons correspond to instructions on the screen.

Lift the lock lever on the EPROM slot and place the new EPROM in the slot. Make sure the cutout on the chip is up. Push the lever back down.

Attach the appropriate harness between the DT-104 and the bill acceptor being upgraded, or Multi-download Adapter if using one. Then attach the harnesses between the Adapter and the bill acceptors being upgraded.

Turn on the machine. The red LED will light while the machine verifies the EPROM, then the green LED will come on.

At the opening screen (Fig. 1), tap the “Menu” button.

The first Menu screen is “Program Menu” (Fig. 2). There are two options: Next and Go.

If there is any doubt about the various settings, such as Baud rate or Multi-download settings, tap the “Next” button to bring up the EPROM Menu (Fig. 3).

The EPROM screen has two options, “Next” and “Go”. Tapping Enter will verify the EPROM CRC. Tapping on Enter again, under “Examine.” will display the EPROM version (Fig. 4). Tap “Menu” to return to the Program Menu.



Figure 1



Figure 2



Figure 3



Figure 4

Tap the Menu button again to go back to the EPROM menu, then tap the Menu button again to go to the Setup Menu (Fig. 5).

Tap the Enter button to go to the Baud rate setting (Fig. 6). The default Baud rate is 9600. To change that setting, tap the Enter button. Use the < and > buttons to scroll through the optional Baud rate settings. Tap the Enter button to set the new Baud rate (Fig. 7).

Tap the Menu button to return to the Program Menu. Tap the Menu button again to go back to the EPROM Menu, then tap the Menu button again to go back to the Steup Menu. Tap the Menu button one more time to go to the Multi-mode Menu (Fig. 8).

If a Multi-download Adapter is not being used, make sure the screen displays “Multi-mode OFF. If the Adapter is being used, follow the instructions on the Adapter to attach it to the DT-104 and the units to be upgraded, including the appropriate DIP switch settings.

There are three (3) options that can be modified: Start Time (Fig. 9), Erase Time (Fig. 10), and Block Time (Fig. 11). The settings that are displayed when the DT-104 is first activated can be considered standard times. Use the < and > buttons to modify these settings.



Figure 5



Figure 6



Figure 7



Figure 8



Figure 9



Figure 10

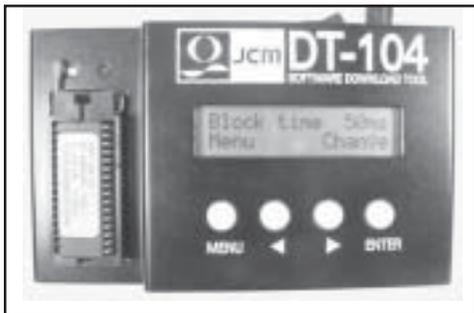


Figure 11



Figure 12

The final option is Factory Settings (Fig. 12). If the Enter button is tapped, under “Restore,” the Baud rate will return to 9600, and Multi-load will be turned off. Otherwise, tap the Menu button and return to the Program Menu. When the Enter button is tapped, under “Go,” the download process will begin and the status will be displayed in the window.

Parts Lists

Kit No. 701-000141, DT-104

Part No.	Description	Qty.
550-1000251	Assy. Main, DT-104	1
701-000138	Misc. parts	1

Kit No. 701-000140, DT-104 with Multi-download Adapter

Part No.	Description	Qty.
550-1000251	Assy. Main, DT-104	1
701-1000138	Misc. parts	1
701-1000139	Multi-download Adapter	1

Kit 701-000138

Part No.	Description	Qty.
400-100065	Harness, DBV-200 Power	1
400-100066	Harness, DBV-200 Data	1
400-100069	Harness, WBA-10/20 Data	1
400-100109	Harness, Conv. WBA-12P/20P	1
400-100042	Harness, Int. WBA-X0/X1 SS	1
960-000087	Manual, Operator, DT-104	1

Kit 701-000139

Part No.	Description	Qty.
501-000016	Multi-Download Adapter (MDA)	1
400-000078	Harness, MDA to WBA-10	5
400-000079	Harness, MDA to WBA-12	8
400-000080	Harness, MDA to DBV-200	10
400-000082	Harness, DT-104 to MDA	1
960-000087	Manual, Operator, DT-104	1



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