

MTS 5200

Getting Started



BOSCH

Connecting the Battery

The MTS 5200 houses a 7.2 Volt 2.3 AH Nickel-Metal-Hydrate battery pack which is externally accessible. The tester is shipped with the battery disconnected.

To connect the battery, do the following:

1. Turn the analyzer over, loosen the left strap, and remove the rubber grip on the left side of the housing. The battery is in its compartment with its cable coiled in the space above the battery.
2. Uncoil the cable.
3. Plug the cable into the connector located just above the battery.
4. Return the loose part of the cable to the compartment above the battery.
5. Replace the rubber grip.
6. Tighten the strap.



Charging the Battery

To charge the battery pack, connect the tester to a 12-VDC power source such as the vehicle battery or the 12-volt AC/DC power supply. You must select Start Battery Charging from the Analyzer Utilities/Tools/Charge Battery screen to start battery charging. It is important that you let the MTS 5200 complete its battery charge cycle every time the battery is charged; this will extend the life of the battery pack.

It takes approximately 20 minutes to fast charge the battery pack to 85% of full charge, and approximately 2 hours to top off the battery pack to 100% charged. In order for the battery to charge, the external power supply voltage needs to be between 9 and 16 volts DC.



Note

The power button illuminates green when the battery is charging and turns amber or red when the state of charge is low.

After 5 minutes of no activity the LCD backlight turns off to conserve the battery. Touching the screen or making a selection turns the backlight on again.

Calibrating the Touch Screen

For best results, the touch screen should be calibrated before initial operation.

To calibrate the MTS 5200's touch screen, do the following:

1. Turn the unit off.
2. Press and hold the **Enter** button.
3. Turn the unit on.

4. Release **Enter** button when the message appears instructing you to release the button.
5. Select Calibrate **TOUCH SCREEN**.
6. Touch repeatedly each of the four corner targets on the screen until the plus sign disappears and the box turns gray. After the last, the MTS 5200 indicates it is calibrating, following which you are returned to the utilities menu.
7. Touch **Exit** to return to the MTS 5200 Main menu.



Caution!

Do not use sharp objects (such as a screwdriver) when touching the screen surface.

Upgrading the MTS 5200

If you have purchased an upgrade kit for the basic MTS 5200 configuration (DSO/DVOM Base Kit), you must install the upgrade software to take advantage of the additional capability.

A CD comes with each of the upgrades:

- ▶ MTS 5200 Ignition Upgrade Kit
- ▶ MTS 5200 Vacuum/Pressure/FCI Upgrade Kit

To upgrade the MTS 5200, do the following:

1. Insert the upgrade CD in your PC's CD/DVD drive.
2. Click on the button labeled *Install MTS 5200 Update Software*.
3. Connect the MTS 5200 to your PC according to the setup instructions.
4. The software takes you through the upgrade process.



Note

The Vacuum/Pressure/FCI Upgrade procedure also installs the Ignition Upgrade software.

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