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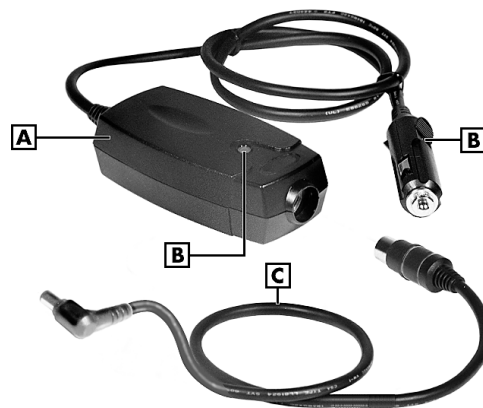
# NEC Versa<sup>®</sup> LX, LXi, and SX

## Auto Adapter

Congratulations on purchasing the NEC Versa<sup>®</sup> auto adapter. This adapter is compatible with the NEC LX, LXi, and SX notebook computers. Information presented here applies to all unless specifically noted.

The NEC Versa auto adapter allows you to use your notebook computer while you travel without running down the computer battery. Just plug the adapter into a standard cigarette lighter socket in any vehicle (such as an automobile, recreational vehicle, or truck) to operate the notebook or charge the computer battery.

*NEC Versa Auto Adapter*



**A** – Auto Adapter with Input Cable      **C** – Output Cable\*  
**B** – Power LEDs

\*The connector shown in the figure is one type of connector. Your connector may be different.

The auto adapter works much like the AC adapter provided with your NEC Versa computer by providing power to the unit.

Once the cables are connected to the cigarette lighter and the NEC Versa, you can run your computer using power from your vehicle's battery. The NEC Versa can remain connected when the vehicle's engine is turned on or off.

### ***Using the Auto Adapter***

Follow the instructions provided next to connect the auto adapter to the vehicle.

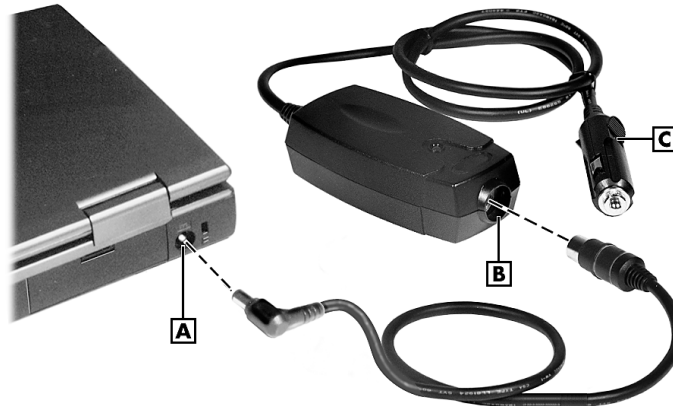
1. Remove the cigarette lighter from its socket in the vehicle.
2. The auto adapter has two cables. The input cable for the cigarette lighter is permanently attached. The output cable connects to the computer and can be disconnected from the auto adapter. If it's not attached now, plug the large end into the auto adapter as shown by (B) in the next figure.
3. Plug the other end of the cable into the NEC Versa power port (A in the next figure) — the same port that the AC adapter uses.

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4. The input cable is permanently attached to the auto adapter. Plug the large end of that cable (C in the next figure) into the cigarette lighter socket.
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**Note** In some European cars, if the auto adapter plug does not fit into the cigarette lighter socket, replace the metal screw on the cigarette lighter plug with the small black plastic piece (included but not shown).

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### Connecting the Auto Adapter



A – Power Port  
B – Adapter Socket

C – Cigarette Lighter Adapter

The green LEDs light when there is power from the vehicle. If the LEDs do not light, your engine may have to be running or you may have to turn the key to the accessory position before power can reach the cigarette lighter.

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**⚠ CAUTION** Please remember that when you start your automobile engine, power is temporarily interrupted to the cigarette lighter. This is not a problem unless the computer battery is fully discharged and the computer is running off the vehicle's power. In this case, when power is interrupted, the computer shuts down and any unsaved data is lost.

Keep in mind that the NEC Versa battery continues to charge when the auto adapter is plugged in to the cigarette lighter. If your vehicle is turned off, the NEC Versa may draw down the charge on the vehicle battery.

Disconnect the auto adapter from the cigarette lighter before attempting to jump-start a stalled engine. Many jump-start systems use high voltages that can automatically shut down the adapter output without harm, but extreme voltage spikes may cause adapter damage.

If using the NiMH battery, we recommend that you occasionally fully discharge then fully charge the battery. This ensures that the battery accepts a full recharge and sends correct information to the operating system power monitoring utility.

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## Changing Fuses

The NEC Versa auto adapter comes with its own fuse. The fuse protects the adapter and your system from unexpected power surges or fluctuations. To replace the fuse, follow the instructions provided next.

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**⚠ CAUTION** When replacing a fuse, be sure to use a 3AG-type fuse with a rating of 8 amps/250 volts.

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1. Unscrew the top of the cigarette lighter connector and remove the fuse cap.

*Removing the fuse cap*



2. Replace the old fuse with a new one. If the spring came out, make sure to insert it before replacing the fuse.

*Replacing the fuse*



3. Replace the fuse cap.

*Replacing the fuse cap*



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## Specifications

- Power
  - Input: 12 to 16 VDC
  - Output: 15 VDC@ up to 4.0 amps
  
- Dimensions
  - Width: 4.84 inches
  - Depth: 2.3 inches
  - Height: 1.29 inches
  
- Weight: under 12 ounces
  
- LED indicators
  - on the cigarette lighter connector
  - on the auto adapter
  
- Cables
  - Auto input from the cigarette lighter: 36 inches with 8 amp fuse
  - Output cable to the computer: 30 inches, plus has a 3.0 mm internal diameter and 6.5 mm external diameter.
  
- Features
  - Output short-circuit protected
  - Output current limited
  - Over-temperature protected
  - Input over-voltage protected
  - Input under-voltage protected
  
- Recommended Environment
  - Operating Range
    - Temperature – 41° to 95°F (5° to 35°C)
    - Humidity – 20% to 80%
  
  - Storage Range
    - Temperature – -4° to 158°F (-20° to 70°C)
    - Humidity – 5% to 95%

**NEC**

NEC Computers Inc.

819-200703-000

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