



This Service Information bulletin supersedes SI B04 11 02 dated **December 2007**.

**NEW** designates changes to this revision

#### SUBJECT

**Automatic Battery Charger**

#### MODEL

ALL

#### INFORMATION

The introduction of the E65 has brought with it the need for an intelligent battery charger that, in addition to being used as a conventional charger, can be used for long duration programming without harming the sophisticated vehicle electronics. The Deutronic Automotive Power Processor was developed for just this use.

Distribution of the following battery charger(s) is complete. One charger was supplied for every 4-center work stall (per the 1/2002 work stall count). Additional chargers may be purchased through your PDC at this time.

Automatic Battery Charger

PN 99 00 0 003 944

Price= Refer to Parts system for current pricing

**Note: Power Supply mode must be used for the E65 and later CIP programming.**

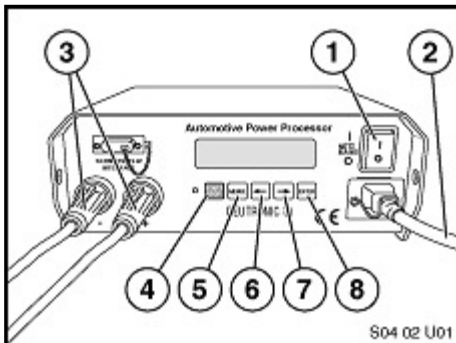
Replacement Battery Charger Cables

PN 81 39 0 309 920

Price= Refer to the Parts system for current pricing

These are the 5 meter 12 volt cables for the Deutronic battery charger. The cables may now be replaced as a set (+ & -).

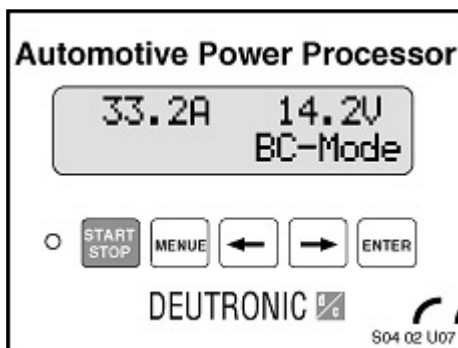
Refer to the Warranty section for defective battery chargers.



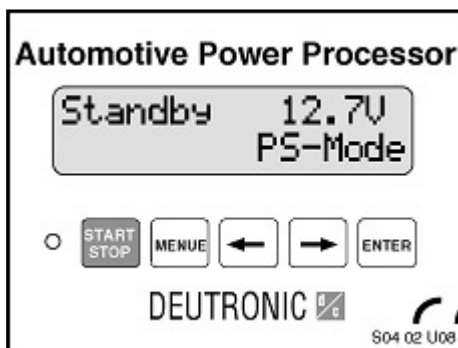
**Deutronic  
Automatic Battery Charger**

## FEATURES

- Intelligent battery charger with short circuit and reverse polarity protection
- Microprocessor-controlled charging, measuring and monitoring
- Deep discharge refresh function for sulfated batteries
- Non-sparking due to delayed switch-on
- Input 110VAC
- Output 14.2VDC @ 45 amps
- Charging current is adjusted automatically according to battery status
- Internal cooling fan with convection case (charger will feel warm to the touch)
- Mandatory for all E65 and E66 programming



- Battery charger mode (BC) – charges the battery according to the battery requirements

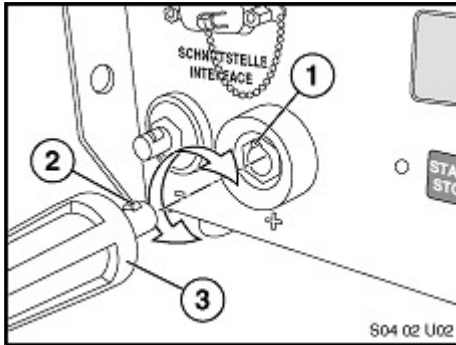


- Power supply mode (PS) – output matches vehicle requirements. **This setting is mandatory for CIP programming.**

- Stand-alone charger – ability to charge severely discharged batteries at higher voltage levels (battery disconnected from the vehicle's electrical system)
- Non-reversible charging cables

- No unit-specific software installation required.

## CHARGER AS DELIVERED

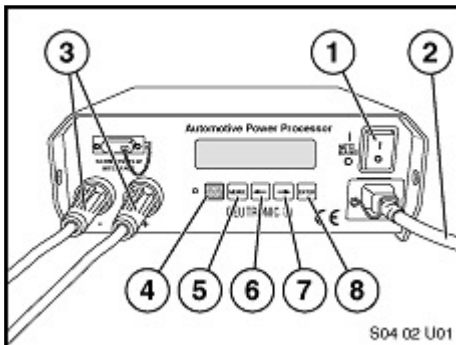


### Included with each battery charger are:

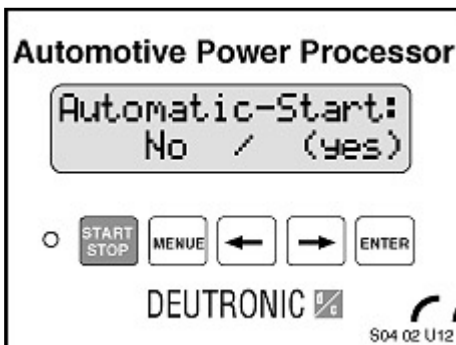
1. Charger
2. Power cable
3. Keyed battery cables (1-3)
4. Instruction booklet.

## INITIAL SETUP

For the initial setup, it is recommended that the charger be set up for Automatic mode. Automatic mode is quicker and easier, especially through the learning stages. To set up for the Automatic mode:



1. Plug the power cord (2) into an 110VAC outlet.
2. Press both arrow keys (6 and 7) for 3 seconds.
3. Press "Menu" (5) once.



4. Press and hold the right arrow until the parentheses are around the word "Yes".
5. Press "Enter".

6. Press the left arrow to save the value.