

Volvo Buses. Driving quality of life

## **INTRODUCING I-START. THE INTELLIGENT START.**



Increase uptime with a system that can dramatically decrease the risk of your vehicle not starting due to loss of battery voltage. I-Start is a dual battery system designed to secure cranking and provide a longer service life for the batteries even if deep-cycled by the consumers.

- No master switch in cockpit to leave on and potentially cause drained batteries — everything controlled by ignition key switch with an accessories position.
- Jump start feature from curb side
- **Relocation of batteries** closer to the charging source and their loads that allows shorter battery cables, and therefore less main voltage drops

**Consumer Batteries** 

• AGM batteries Group 31 for ease of replacement (capacity: 800CCA 105 Ah)

In order to achieve this, vehicle loads are split in two systems:

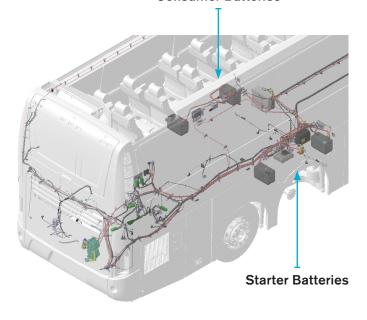
## • Chassis Electronics (Engine and Transmission ECU, etc)

Connected to Starter Batteries

Body Electronics

(Radio, interior lights, etc) Connected to Consumer Batteries

(Battery main switch located inside starter battery compartment for disconnecting chassis loads connected to B+ when bus is parked more than 24hrs.)

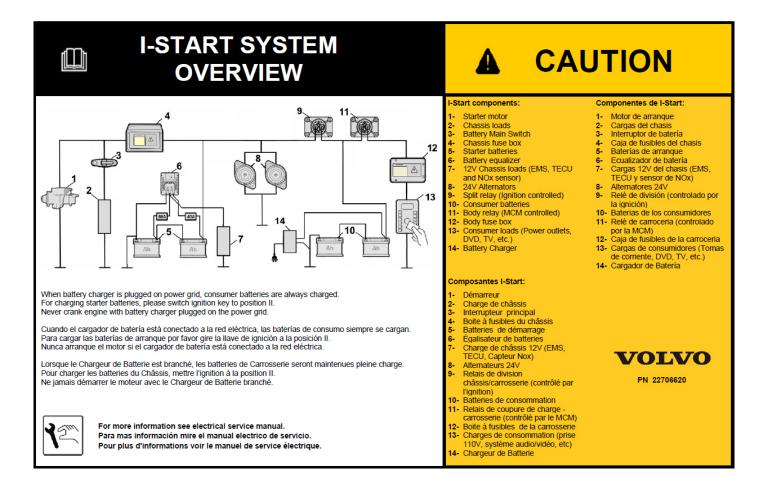


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- Handy battery charger with bulk mode
- Toolbox easily accessed in special compartment
- Dedicated area for liquid storage
- More luggage space
- Easy to read 3 language instructions





## **Volvo Buses**

www.volvobus.com

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