

## ELECTRICAL COMPONENTS - CONTROL UNITS, RESISTORS, FUSES - BODY COMPUTER - Overview - “Logistics Mode” function

The purpose of this function is to preserve the life of the battery during the logistical process from the assembly line to delivery to the customer.

The function (when activated) implements a low-power mode in some ECUs to prevent the service battery from being discharged.

When the function is active the battery warning lamp flashes.

The control units involved in "Logistics Mode" function are as follows:

- Body Computer;
- Clima;
- Instrument panel.

### Body Computer

- Receives the "Logistics Mode" diagnostic commands from the diagnostic device;
- Sends the following commands on the CAN network;
- Acts on performance reduction to prevent battery discharge (see table);
- Acts as system master in logistics mode.

Component/function	Function management with "Logistics Mode" active and engine off	Function management with "Logistics Mode" active and engine on
RF receiver	RF outputs disabled	RF outputs disabled
Parking lights	Parking lights always off even if requested	Side lights working normally
Side marker lights	Side turn indicators always off even if requested	Side turn indicators working normally
DRL lights	DRL lights always off even if requested	DRL lights working normally
Low-beam headlights	Low beam lights always off even if requested	Low beam lights working normally
High-beams	High beam lights always off even if requested	High beam lights always on
'Follow me home' function	"Follow me home" function not available	"Follow me home" function not available
Front fog lights	Front fog lights always off even if requested	Front fog lights always off even if requested
Rear fog lights	Rear fog lights always off even if requested	Rear fog lights always on
Licence plate lights	Licence plate lights always off even if requested	Licence plate lights working normally
Front and rear interior lighting	Interior lights power supply disabled	Interior lights power supply disabled
Cigarette lighter lighting	Cigarette lighter lighting off	Cigarette lighter lighting on
Ant-theft	Alarm system deactivated	Alarm system deactivated

Component/function	Function management with "Logistics Mode" active and engine off	Function management with "Logistics Mode" active and engine on
Front power windows	Power window actuation not available with Key-OFF	Power window actuation not available with Key-OFF
Heated rear window	Rear window defrosting function not available	Rear window defrosting function available
Out-swinging door	Outswinging door disabled. Opening permitted using the emergency handle	Outswinging door working normally

## Climate control unit

With "Logistics Mode" active, if the engine is not running, no output must be activated and the HMI must remain deactivated.

The following conditions must be met:

- LCD backlighting = OFF;
- LCD segments = OFF;
- Function LED = OFF;
- Keys backlighting = OFF.

The PTC must not be deactivated directly with the "Logistics Mode" active because its management is closely linked to that of the cooling fan; its behaviour is a result of the status of the heater.

When the engine is running, the outputs will be managed normally and the HMI will remain activated.

## Instrument panel

When the "Logistics Mode" function is active, the battery light will flash on the instrument panel and the following information will not be available:

- odometer display following door opening with Key-OFF;
- display and management of internal clock following door opening with Key-OFF.

## "Logistics Mode" deactivation

Before delivery to the customer, the "Logistics Mode" function will be automatically deactivated via the PDI process.

The operation will be carried out using the diagnostics tool available at all IVECO workshops by including it in the list of routine checks carried out before the vehicle is delivered.