



# PRODUCT INFORMATION

## MEMORY SEAT MODULE

- Decades of electronics development experience as leading automotive supplier
- A mature product with over 15 years of experience on the market with over 5 generations in production.
- Motor control expertise with sensor and sensor-less seat positioning system

## PRODUCT FEATURES

The Memory Seat Module is a well-established product supporting innovative seating concepts with comfortable onboard experience. It saves and controls various personal comfort settings, like positions of the seats, the mirrors and the steering wheel, and remembers various user profiles which can be easily recalled by the driver with the tip of the finger.

HELLA's Memory Seat Module is a platform-based seat solution compliant with AUTOSAR, Safety and Cyber security standards and has production maturity with sensor-based as well as sensor-less seat positioning system. In addition, it enables climate control functionalities for the seats, like dual zone or four zone heating, cooling and ventilation.

### Advantages

- Matured cost-efficient design with multi-feature integrated module under one electronic control unit
- Cross platform scalability with fully configurable variant development process
- Easy integration and rollout of new features with mature platform concept solution.
- Fast and reliable software updates over the air (OTA).

# MEMORY SEAT MODULE

A memory seat module is an electronic control unit (ECU) in a vehicle that stores and recalls preferred settings for power seats, and often side mirrors and steering columns, linked to driver profiles or key fobs, using motors and encoders to adjust positions automatically for convenience and consistency. It receives inputs from switches, sends signals to motors (for slide, recline, height, lumbar), and uses encoders for position feedback, preventing burnout by breaking circuits at limits, with issues often involving wiring, grounding, or the module itself.

## Key Functions:

- Position Storage: Saves specific seat, mirror, and sometimes steering wheel/HUD positions.
- Automated Recall: Moves settings to the saved position when a specific key fob or driver profile is detected.
- Control: Manages multiple motors (height, recline, slide, lumbar) through complex linkages.

## What does HELLA offer?

**Premium Technical Expertise and Service:** Our technical repair shop service, being provided through our experts, is rounding off our technical service. In addition to Tech World, our Partner World offers targeted content for wholesalers, helping them to better serve their customers.

**Target-oriented Marketing Services:** Entire communication to market and supporting the W/D with a powerful communication package.

**Vast Data Management Services:** HELLA's sophisticated data management services allow for precise and efficient parts identification, ensuring that wholesalers and workshops can quickly find the right parts.

**Tailormade Logistic Solutions:** Our logistics are designed to meet the specific needs of our partners, ensuring timely and reliable delivery of products.

Discover the **HELLA Electronic range** by following the link above. This comprehensive portfolio offers advanced automotive electronics for all stages of vehicle electrification, from intelligent battery sensors for micro-hybrids to high-voltage battery management systems for fully electric vehicles. Our selection includes various sensors (brake, climate, rain/light, and transmission range), actuators, power electronics (DC/DC converters and onboard chargers), control units, vacuum pumps, radar systems, and smart vehicle access solutions. HELLA is committed to providing innovative and reliable electronic components that enhance the performance, safety, and efficiency of modern vehicles.

Discover the entire range by scanning the QR code.



Product features, specifications and availability are subject to change without notice.

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