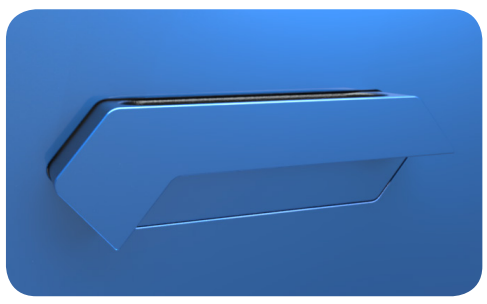
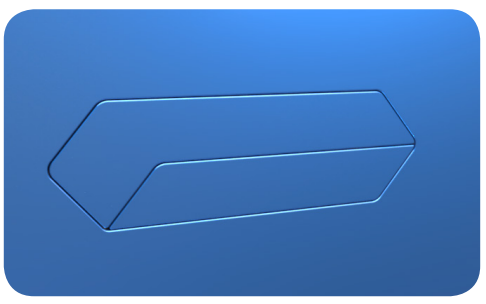
UNIVERSAL FAIL-SAFE ACCESS

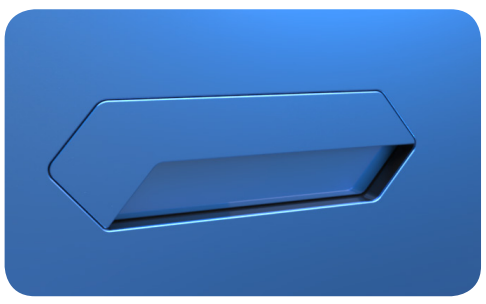
The proposed solution guarantees fail-safe access to the vehicle release handle mechanism regardless of the vehicle's state. This automated system is engineered to provide rapid access to functional elements during emergencies, power loss, or specific user-triggered events.

In normal operation, while the vehicle is locked, the cover remains flush but can be manually overridden by pushing on it. Upon unlocking, the handle extends automatically for entry. During motion, the handle retracts and the cover closes to minimize aerodynamic drag. In the event of an emergency or total power failure, the fail-safe cover system deploys automatically, ensuring the manual release mechanism is immediately accessible.

The assembly comprises an outer cover and a retention element. When the retention element is released, the system is configured to move or separate the cover, providing external access to previously hidden functional elements.







TECHNICAL UTILITY VIDEO

Engineered for Global Compliance

Future-proof your safety ratings and meet upcoming mandates. Stay ahead of global regulatory shifts by integrating a fail-safe mechanical override that ensures market-readiness across all territories.

Easy for the Hero

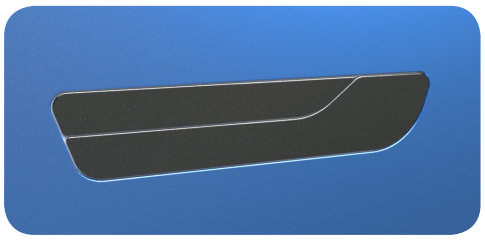
Zero learning curve for first responders when every second counts. Featuring intuitive Convertible Ergonomics, the system instantly transforms from a sleek exterior into a high-visibility pull-handle upon power failure or detected collision.

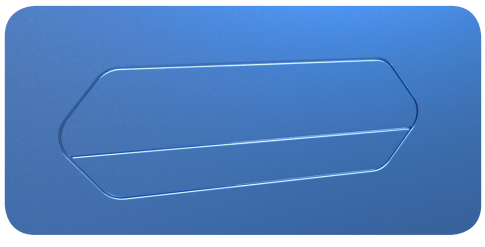
Aerodynamic by Design

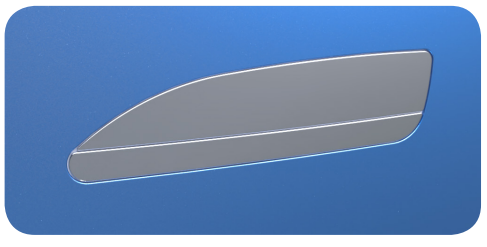
Ultra-Sleek, zero-drag performance that preserves the vehicle's signature silhouette. Our flush-mount system eliminates wind resistance and noise, maximizing battery range and aesthetic purity without sacrificing mechanical reliability.

Flexible by Architecture

Highly adaptable, modular platform capable of integrating with various industrial desgins. Beyond door access, our mechanical fail-safe can provide access for battery disconnect interfaces, firefighting access ports, or brake release mechanisms.







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enrique@egipsolutions.com **+34 678 144 689** **Patent Pending** **www.egipsolutions.com**

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UNIVERSAL FAIL-SAFE ACCESS

Engineered for Global Compliance

Stay ahead of regulatory shifts by integrating a fail-safe mechanical override that ensures market-readiness across all territories.

Easy for the Hero

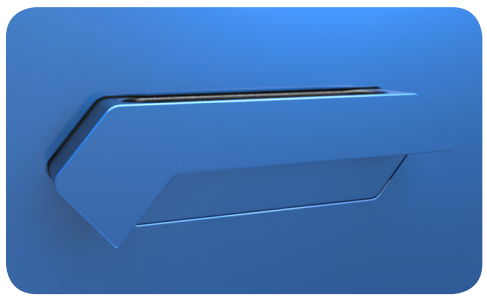
Instantly transforms from an ultra-sleek modern exterior into a high-visibility pull-handle upon power failure or detected collision.

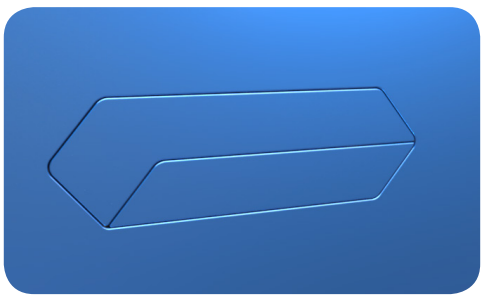
Aerodynamic by Design

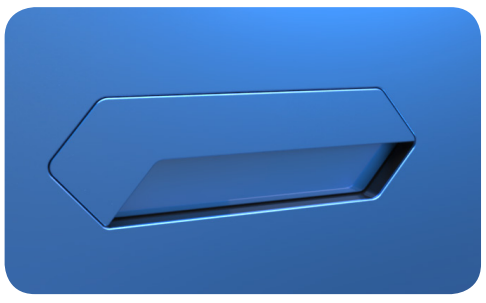
Ultra-Sleek, zero-drag high performance that perfectly preserves the vehicle's signature original silhouette and aesthetic purity.

Flexible by Architecture

Beyond door access, our solution provides access for battery disconnect interfaces, firefighting ports, or brake release mechanisms.







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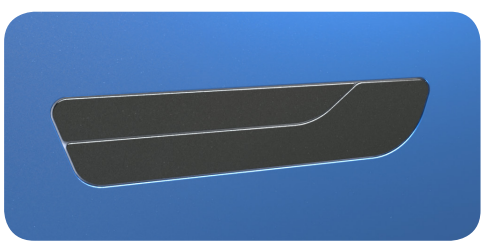

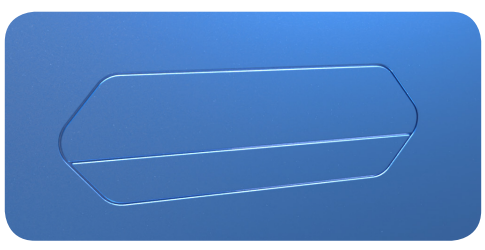

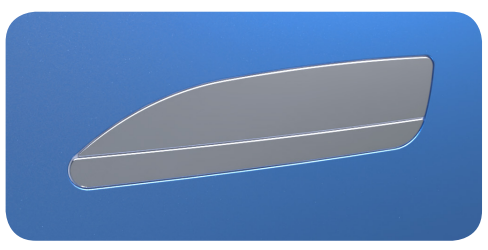

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