

Mezzo™ Plus Featuring Morphing Surfaces

Mezzo™ Plus

A seamless large decorative front panel that can integrate sensors, cameras, RADAR and functional lighting. Mezzo Plus presents the perfect canvas to integrate various communications features such as decorative lighting, words or symbols like battery charging status.



Smarter



Safer



Lighter

First to Market
OpportunityCo-Development
Opportunity

Electrification



Autonomy



New Mobility



Design



Magna Exclusive



Patent Pending

- Lit surface decoration possibilities include Chrome, Paint and Printed Film effects
- Thin molded panel with large-format in-mold film technology
- Hidden-until-lit lighting features
- Animated lighting capability
- State-of-art radar sensor functional integration

- Electric vehicles (EV)
- Internal combustion vehicles (ICE)
- ADAS integrated panel modules

SOP

Ideation

Discovery

Concept

Development

Serial Preparation

in Production

Morphing Surfaces

Investigation into materials & design options to enable flexibility / shape changing capability as part of the existing exterior solution (fascia, fender, spoiler, etc.) to achieve functionality like improved aerodynamics, appearance, communication or access



Cleaner



Lighter



Design



Electrification



New Mobility



Driving Dynamics

Competitive Advantage/Differentiators

- Aerodynamics drag reduction
- Appearance / Design Enhancement
- Sensor Integration
- Communication – movement signal
- User Access – morphable cover panel

Applications

- Bumpers
- Spoilers
- Pillars
- Rocker Panels

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Forward. For all.