

# Integrated Power Latch

Cleverly designed high back latch with best-in-class function, noise and speed.

## Purpose

- Two-position latch solution with shared common components and design strategy
- Power and manual options
- Allows for convenient integration with one-touch-fold features

## Value Proposition

- Integrated power allows for elimination of traditional external actuators
  - Reduces component cost/complexity
  - Simplified JIT assembly
- Flexible release/lock indication options
- Enhanced performance over current production solutions
  - Quieter operation
  - 3x faster actuation speed
  - 300-500 gram mass reduction

## Technical Description

- Cinching design allows for no perceivable looseness
- Low pressure angle strength features allow for dynamic robustness
- Striker accommodation: 8 mm/10 mm/12 mm/Oblong
- Best in class striker tolerance absorption
- Two-position strength: >35 kN per latch
- Does not require ECU module

## Next Steps / Timeframe

- Engineering Validation Q1 2025



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