

# Recliner with Toggle Design

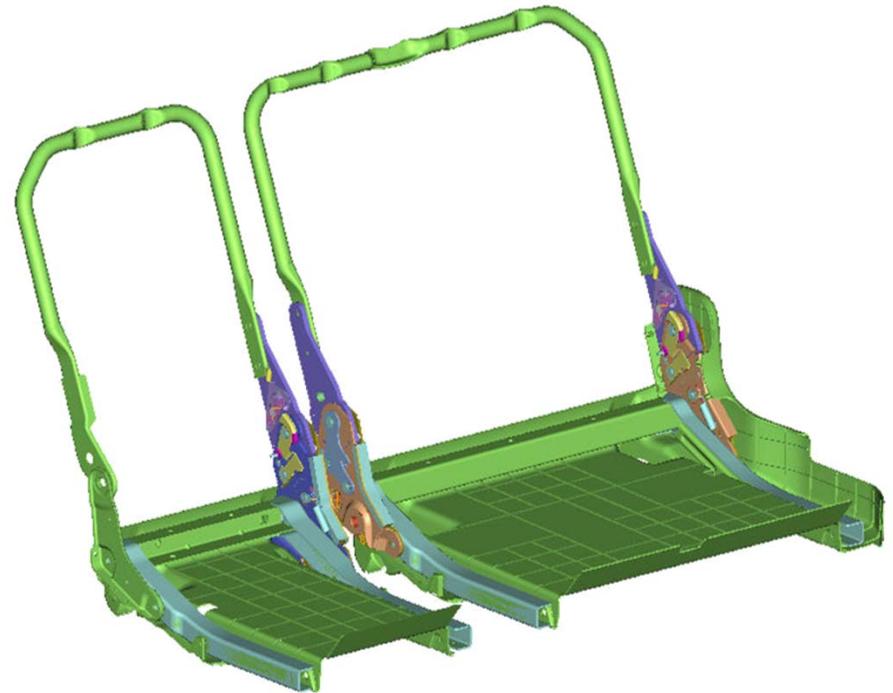
## Automotive Products

### 2<sup>nd</sup> Row Seat System Mechanisms

- 2<sup>nd</sup> Row Seat System
- Fold Flat & Tumble
- Recliners and Floor Locks

### Challenge:

- Design a recliner with a feature that will activate or bypass the floor latch release depending on which handle is actuated by the occupant



GMDAT C100

# Recliner with Toggle Design

## Automotive Products

### 2<sup>nd</sup> Row Seat System Mechanisms

- 2<sup>nd</sup> Row Seat System
- Fold Flat & Tumble
- Recliners and Floor Locks

### Results:

- Designed full set of 2<sup>nd</sup> row recliners and floor locks
- IB 40% recliner contains both toggle mechanism and integrated floor lock
- 60% seat has shoulder belt

