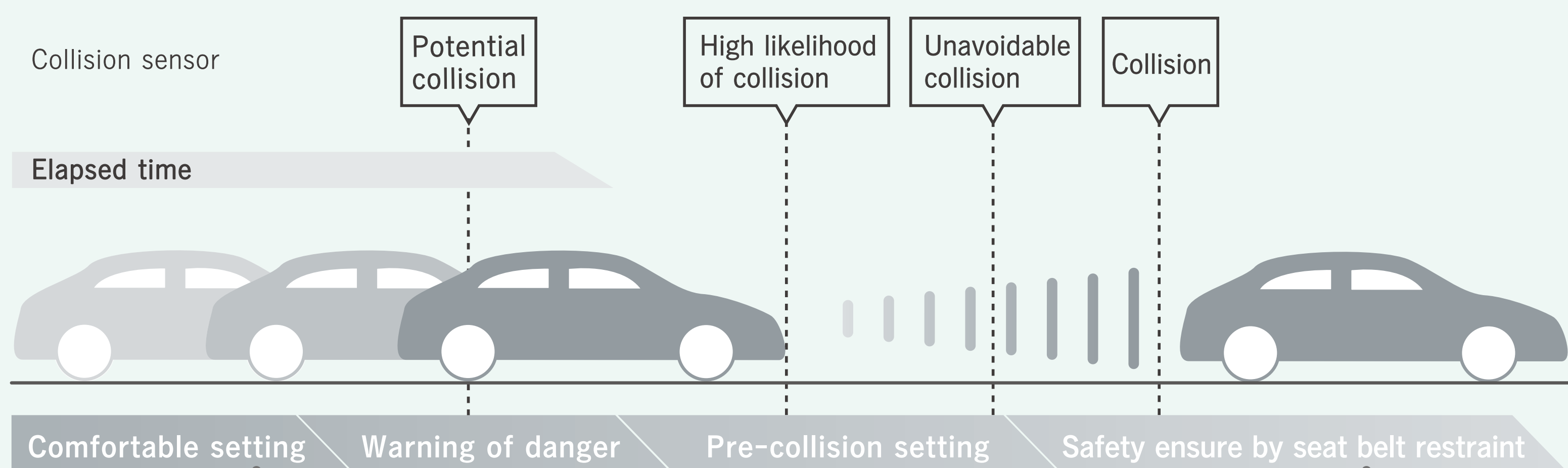


Comfort & Safety Seatbelt

This seatbelt enhances comfort through motors to achieve a better fitting, and ensures safety and peace of mind through notifications and warnings to occupants.

- Reduced feeling of confinement, wearing and release assist, proper retraction.
- Eliminate seat belt slack and provide safe restraint if a collision is predicted.

Seat belt operation based on driving scenario



New product

Comfort

Belt reacher
Makes the belt easier to grab.

Comfort

Lift up latch buckle
Easier plate insertion.
Easier buckle release.

Buckle

Comfort

Comfort enhancing motor retractor
Less strength required to retract seat belt.
Enhanced seat belt retraction.

Retracting with a motor

Current product

Safety

Retractor with pretensioner
Suitable restraint in a collision

Tensioning with a PGG※

※PGG: Pyrotechnic Gas Generator

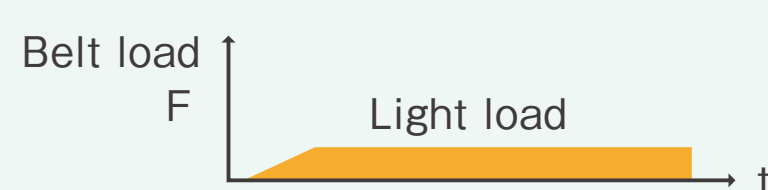
We developed a product that offers both better comfort and greater safety.

Safe operation provided by a motor.



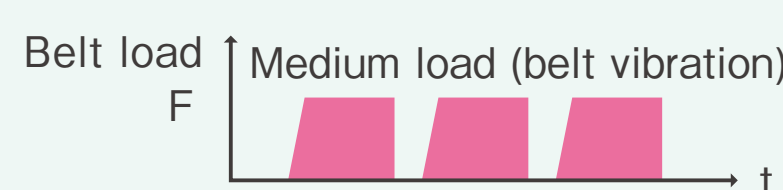
Cornering support retraction

Adjusts occupant position before lateral Gs are produced (linked to cornering)



Belt sensory warning

Notifications provided by belt vibrations (linked to FCW, LDW, and similar functions)



Pre-collision linked pull out

Adjusts occupant position before a collision (linked to AEB, VSC, and similar functions)

