

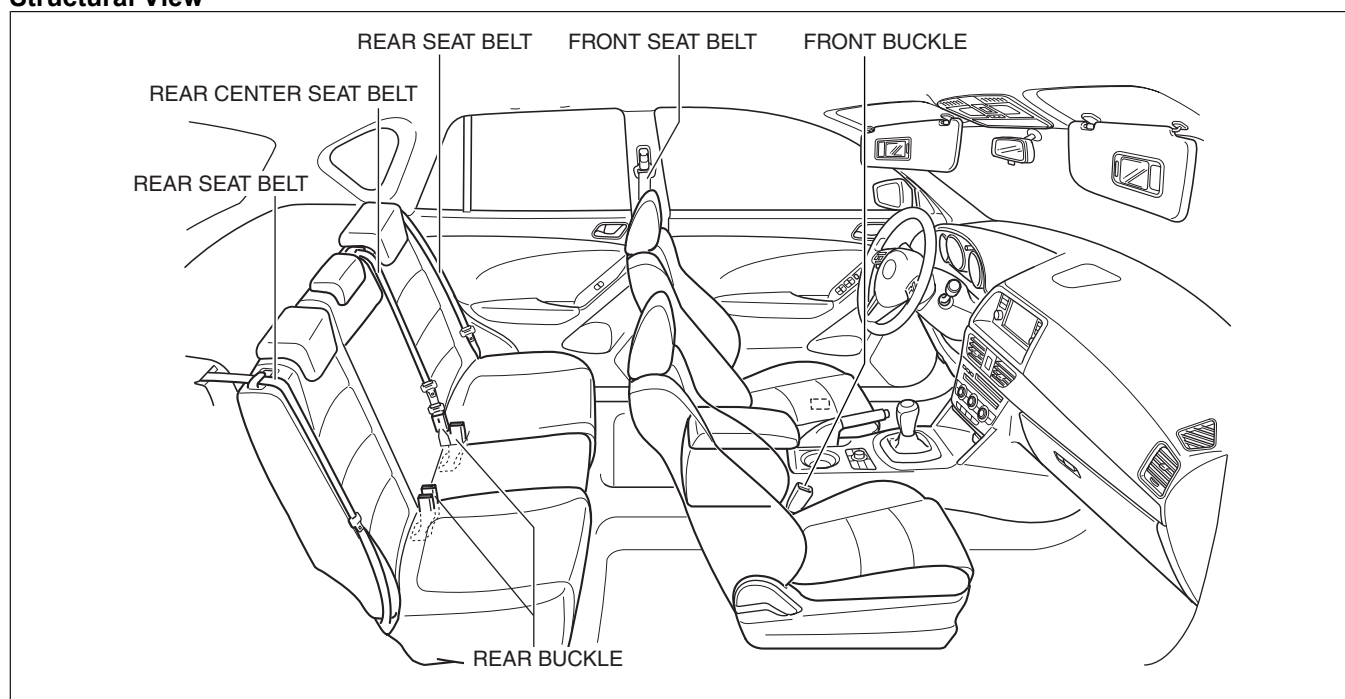
SEAT BELT

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Outline

- Three-point front seat belts with the following functions for front seat passengers adopted.
 - ELR (Emergency Locking Retractor: emergency locking mechanism)
 - Load limiter
 - Pre-tensioner seat belt (See PRE-TENSIONER SEAT BELT.)
 - Three-point seat belts with the following functions for rear seat passengers adopted.
 - ELR
- European (L.H.D. U.K.), General (L.H.D.) specs. Israel**
- Australian, General (L.H.D. R.H.D.) specs. other than Israel**
- ELR
 - ALR (Automatic Locking Retractor: child-restraint seat locking mechanism) (left and right seats)

Structural View



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Purpose

- The seat belt prevents the driver and the passenger from being thrown from the seat and injured due to an emergency vehicle stop or impact by being hit.

Function

- The seat belts are belt type safety devices which restrain the driver and passengers in their seats.
- The specifications for each seat belt are as indicated in the table.

European (L.H.D. U.K.), General (L.H.D.) specs. Israel

Seat belt	Type	Function
Front seat belt (Driver-side, passenger-side)	Three-point	<ul style="list-style-type: none">• Load limiter• ELR (Emergency Locking Retractor)• Pre-tensioner seat belt
Rear seat belt (RH, LH)	Three-point	<ul style="list-style-type: none">• ELR (Emergency Locking Retractor)
Rear center seat belt	Three-point	<ul style="list-style-type: none">• ELR (Emergency Locking Retractor)

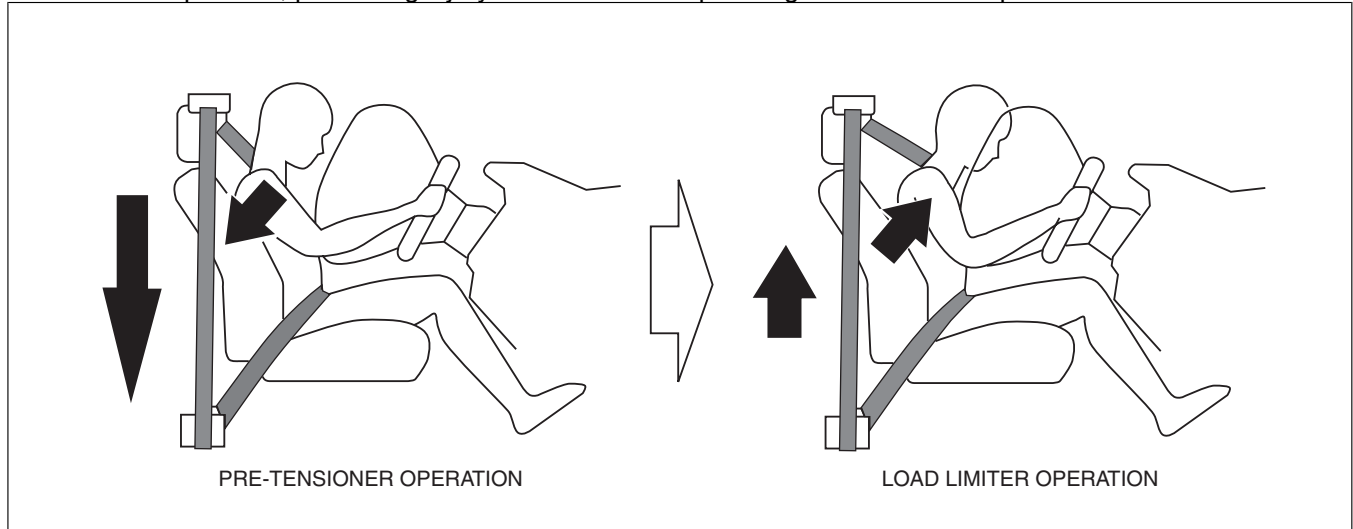
Australian, General (L.H.D. R.H.D.) specs. other than Israel

Seat belt	Type	Function
Front seat belt (Driver-side, passenger-side)	Three-point	<ul style="list-style-type: none">• Load limiter• ELR (Emergency Locking Retractor)• Pre-tensioner seat belt
Rear seat belt (RH, LH)	Three-point	<ul style="list-style-type: none">• ELR (Emergency Locking Retractor)• ALR (Automatic Locking Retractor)

Seat belt	Type	Function
Rear center seat belt	Three-point	• ELR (Emergency Locking Retractor)

Load limiter

- The load limiter adjusts the restraint force of the seat belt by slightly loosening the seat belt tightened by the pre-tensioner operation, preventing injury to the driver and passenger from seat belt pressure.



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ELR (Emergency Locking Retractor)

- If a sudden force is applied to the seat belt such as by a collision or emergency braking, the ELR locks the seat belt so that it cannot be pulled out any more.

ALR (Automatic Locking Retractor)

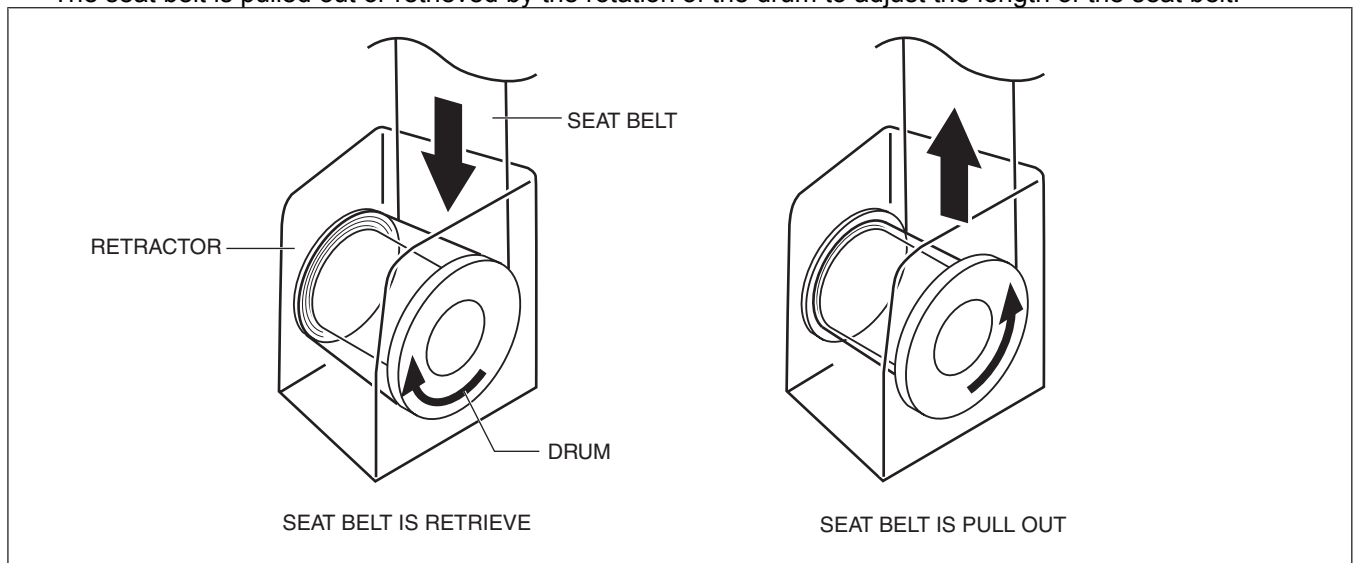
- When the seat belt is pulled out and fastened, the ALR locks the seat belt at that length and it cannot be pulled out any more.
- The ALR is mainly used for installing a child-restraint.

Pre-tensioner seat belt

- Refer to PRE-TENSIONER SEAT BELT. (See PRE-TENSIONER SEAT BELT.)

Construction

- For the three-point seat belt, the seat belt is secured to the drum in the retractor and wrapped.
- The seat belt is pulled out or retrieved by the rotation of the drum to adjust the length of the seat belt.



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Fail-safe

- Function not equipped.