



Collision Position Statement

October, 2025

Energy Absorber & Deformation frames (reinforcement)

Ford Motor Company conducts rigorous testing, research and development regarding collision energy absorption ensuring impact energy is evenly distributed to ensure minimum cabin-area intrusion.

The purpose of energy absorbers and deformation frames can be categorised in two main parts:

- Energy absorbers are predominantly used to absorb minor collision energy
- Deformation frames, mainly made up of high strength steels, are designed to minimise physical damage to the vehicle structure, distribute energy but also work in conjunction with supplementary restraint systems

Energy absorbers and deformation frames are one time use and must be replaced after sustaining significant collision damage.

Key Considerations

- Ford Motor Company of Australia (Ford) does not approve or recommend straightening or heating of any energy absorbers and deformation frames for any damage beyond a superficial minor level
- Re-use of salvaged or used energy absorbers and deformation frames and components is not approved or recommended due to the unknown provenance of those components, the conditions under which they were removed and stored and therefore the unknown integrity and performance of those parts in any future collision event
- For these reasons, Ford Motor Company only endorses new genuine Ford energy crush boxes, absorbers, and deformation frames, sourced from an authorised Australian Ford dealer
- Failure to follow these procedures may adversely affect the supplementary restraint systems and the vehicle's structural performance in the event of a subsequent collision, causing an increased chance of severe injury to occupants

Ford has validated Genuine Ford Parts through extensive testing by Ford Motor Company engineers to return Australian market vehicles to the intended level of form, function, performance and safety.

Ford Motor Company considers that vehicle owners and repairers are best protected by conducting quality repairs using Manufacturer's repair methods and new Genuine Ford Parts sourced from an authorised Australian Ford dealer.

Ford Motor Company authorises reproduction in connection with the service or repair of Ford vehicles.