



Collision Position Statement

October, 2025

Aluminium Repairs

Ford Motor Company of Australia (Ford) recommends the replacement of aluminium body panels when damage has been sustained. Repairs to aluminium body panels are only advised for minor superficial damage. This process will ensure vehicle repair quality is maintained aesthetically and structurally.

Once plastic deformation has been sustained, reshaping aluminium will cause hardening and fatigue points within the structure. Ford recommends carrying out aluminium repairs in a separate location to steel repairs, using aluminium tooling to minimise cross contamination of materials and galvanic corrosion.

Key Considerations

- Aluminium will work-harden causing a panel to become brittle and may compromise repair quality
- Scope of repair should not exceed eight centimeters in length or width and four centimeters in depth including any secondary damage
- Body filler should not exceed two millimeters. Only minor, cosmetic repairs should be carried out on Aluminium panel components
- Aluminium repairs to be carried out in a separate location using aluminium tooling to minimise cross contamination and galvanic corrosion.

Aluminium panels have specific material qualities that require specific repair procedures and environments. The Manufacturer's guidance should always be followed for these repairs.

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 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.

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