
Dual Phase Steel

This information provides repair recommendations and general guidelines for steel classified as Dual Phase Steel (Dual Phase Steel with a tensile strength up to and including 800 MPa), also known as DP.

General Motors recommends the following when repairing or replacing this type of steel during collision repair.

Important:

- The use of heat to repair damage is not recommended for this classification of steel.

Recommended Repairs:

- Cold repairs can be performed on this type of steel, unless the damage includes kinks. If the damage includes kinks, the part should be replaced.
 - Sectioning or partial replacement of this type of steel is recommended only at approved locations, in a specific sectioning procedure.
 - This type of steel can be used as a sleeve, or backer plate, when recommended in a specific sectioning procedure.
 - Squeeze Resistance Spot Welding can be used to replace factory spot welds, where applicable.
 - MIG plug welding and MIG stitch welding can be used on this type of steel.
 - MIG Brazing can be used on this type of steel.
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