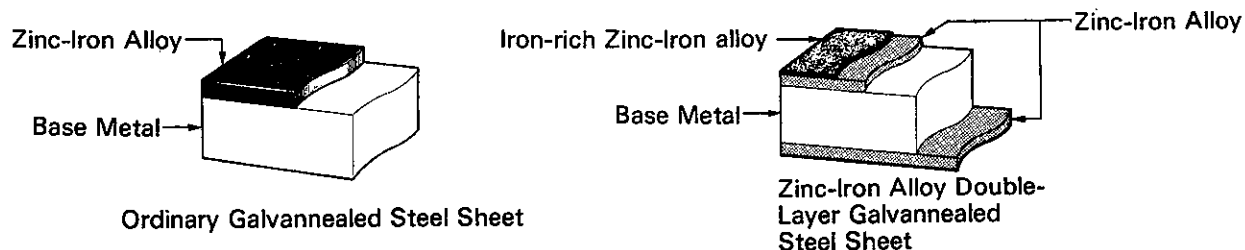


RUST-RESISTANT STEEL SHEET PARTS

Rust-Resistant Steel Sheets have zinc, tin or aluminum etc, plating over the base metal surface in order to improve the corrosion resistance of the sheet metal. For the vehicle's body panels, galvanized steel sheet is widely used.

Body panel on TOYOTA models are made of two different galvanized steel sheet. The ordinary galvanized steel sheet has a zinc-iron alloy plating over the base metal surface. Zinc-iron alloy double-layer galvanized steel sheet has zinc-iron alloy plating on both the outside and the back surface, plus a further iron-rich zinc-iron alloy plating which good paint adherence. These two galvanized steel sheets are used selectively according to need.



The handling of Rust-Resistant Steel Sheet is the same as for ordinary steel sheet, but the following should be observed.

1. Panel welding: The paint as well as the zinc portion must be removed completely from the welding area to guarantee good welding integrity.
2. Anti-rust treatment: Since the zinc plating is lost after welding, anti-rust treatment of the welded area must be thoroughly performed (refer to section AR).

REFERENCE:

