RUSTIMONIAL

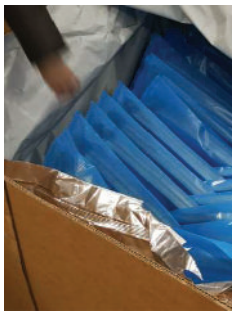
TAKING THE WORK OUT OF YOUR WORKDAY™

ARMOR PROVIDES LONG-TERM RUST PREVENTION FOR HONDA

Under EU legislation all vehicle manufacturers must guarantee spares availability for a period of time after the model/version is discontinued. Honda policy is to make parts for obsolete models available for 15 years, and they encourage their supply chain to support them in this position. However, this is not always possible for many reasons, for example tooling may be obsolete, worn, or beyond practical repair. Tooling may also be re-used with modifications for the new part(s). In cases like these, Honda will pursue a "last time buy" exercise with the supplier. This exercise generates a requirement to store these parts for (in theory) **15 Years!**

BEFORE

AFTER



THE PROJECT

Industry: Automotive

Metal Parts: Door Sash

This is a project carried out by Honda's Logistics Centre. The "Door Sash" will ultimately be assembled (welded/glued) into the door body when required for use. Since this is likely to be in the event of a vehicle accident repair, the item(s) must remain unpainted.

Problems with Previous Rust-Prevention Process:

- Components had a high risk of corrosion due to stresses on metal during processing (welding, bending, handling, etc.)
- Manual handling needed upgrading
- Used messy rust preventative liquids that only provided limited short-term corrosion protection
- Existing packaging actually created corrosion hazards
- Lacked an established system for visually checking components -- without unpacking -- during 15-year storage
- A one-off solution needed to avoid repacking

THE SOLUTION

Armor Protective Packaging Solution:

The packaging of the "door sashes" was changed based on recommendations to include:

- An outer pack of pallet stackable cardboard crates
  - Allowing maximum space utilization
- A barrier foil bag – Style "BB1 – L – EZ" used as a box liner
- Desiccant packs used for moisture control
- Humidity Indicator card to alert Honda of any signs of damage
- An ARMOR POLY® VCI bag – sealed with tape – for each door sash to provide
  - Mechanical Protection
  - Long-term, anti-corrosion controlled environment
- Parts wrapped in 30G ARMOR WRAP® VCI paper for immediate VCI protection

THE RESULT

The components were stored in 2011. When unpacked, ALL items were found to be in good, corrosion-free condition!

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