

PSA PEUGEOT CITROËN: Effective post-processing of Electric Spot-Welds with META

Challenge

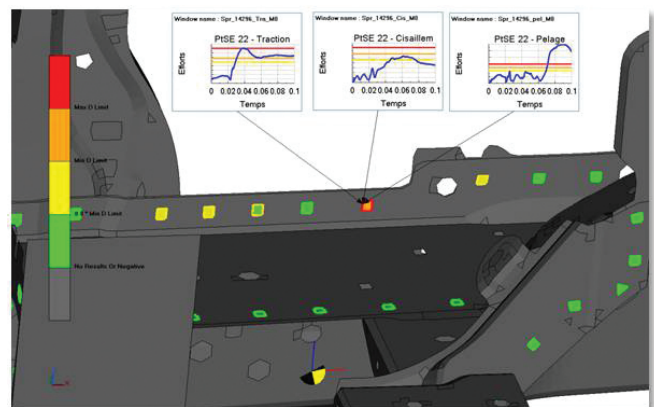
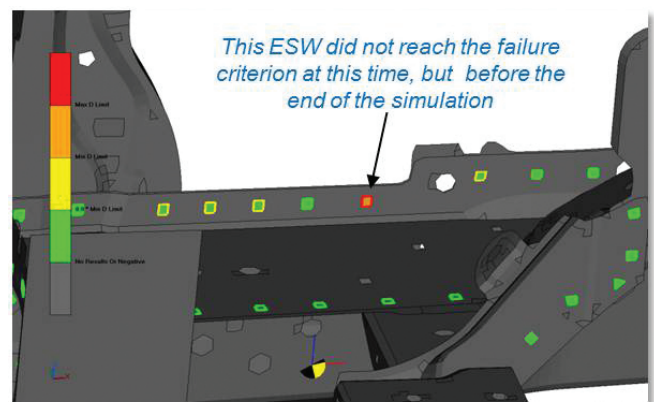
- The effective inspection of Electric Spot-Welds (ESW) failure and forces.

Approach

- Capturing of PSA PEUGEOT CITROËN procedures through custom developments in META to facilitate and automate these processes.
- Deployment of META native functionality and scripting capabilities.

Results

- Post-processing time for the forces in ESW has been reduced by almost 65% compared to the old PSA way.
- ESW failure check at a specific timestep or throughout the simulation.
- Ability to check all forces in the ESW during the simulation (tension, shear, bending) without changing the view via annotations.



“META is a wonderful tool, applied here in PSA Peugeot Citroen, for crash post-processing. Both its native functionalities and the scripting possibilities provide a great assistance in the reduction of post-processing time”

Nicolas Vallino,
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