

ETCS INC

ETCS TOOL & DIE

21275 MULLIN AVE, WARREN, MI 48089

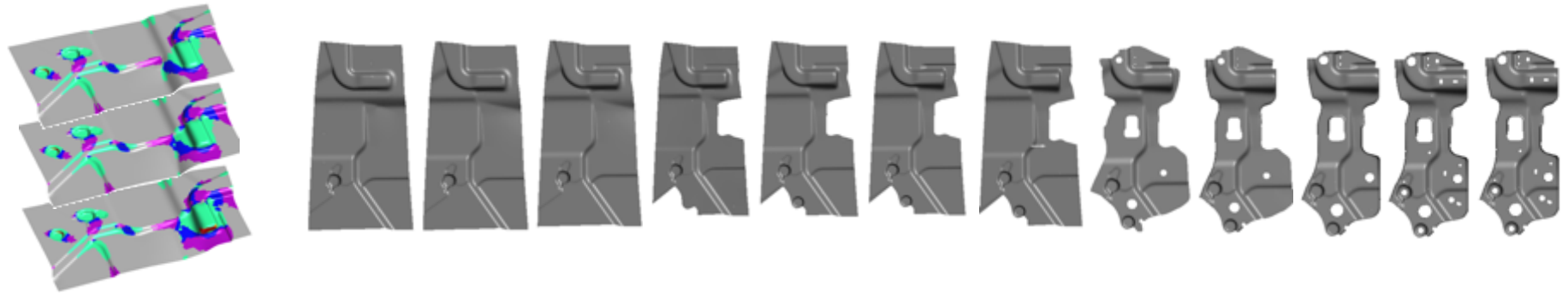
www.etcsinc.com, info@etcsinc.com

2021-2022 MMBDC certified

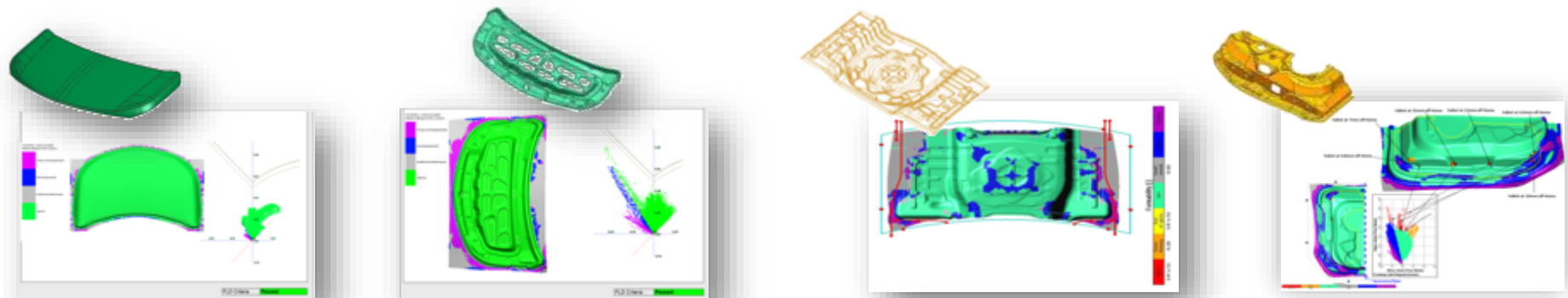
Minority Business Enterprise (MBE)

2021-2022 ISO 9001 certified



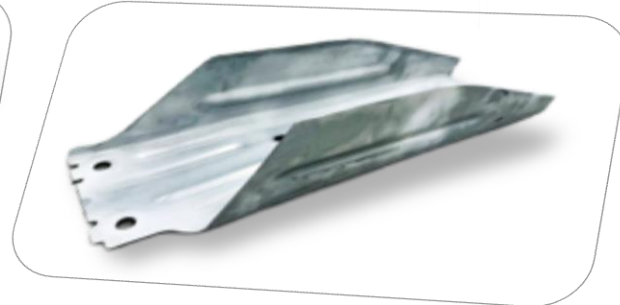
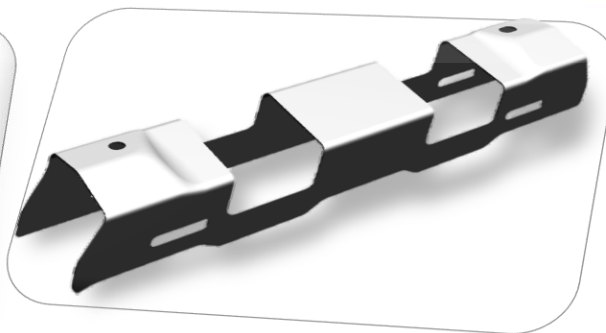


- Multi-step simulation using Autoform
- Spring-back Analysis and correction of draw surface for spring back compensation,
- Experienced in the simulation of Dual-phase materials, tailor welded blanks and Aluminum





Dies Built – For Rivian Electric Amazon Van Program (RPV-500/700)





RIVIAN USA 2021: RPV700 D-Pillar – Aluminum - 6S-T4 / T8PB-SH-HS-U



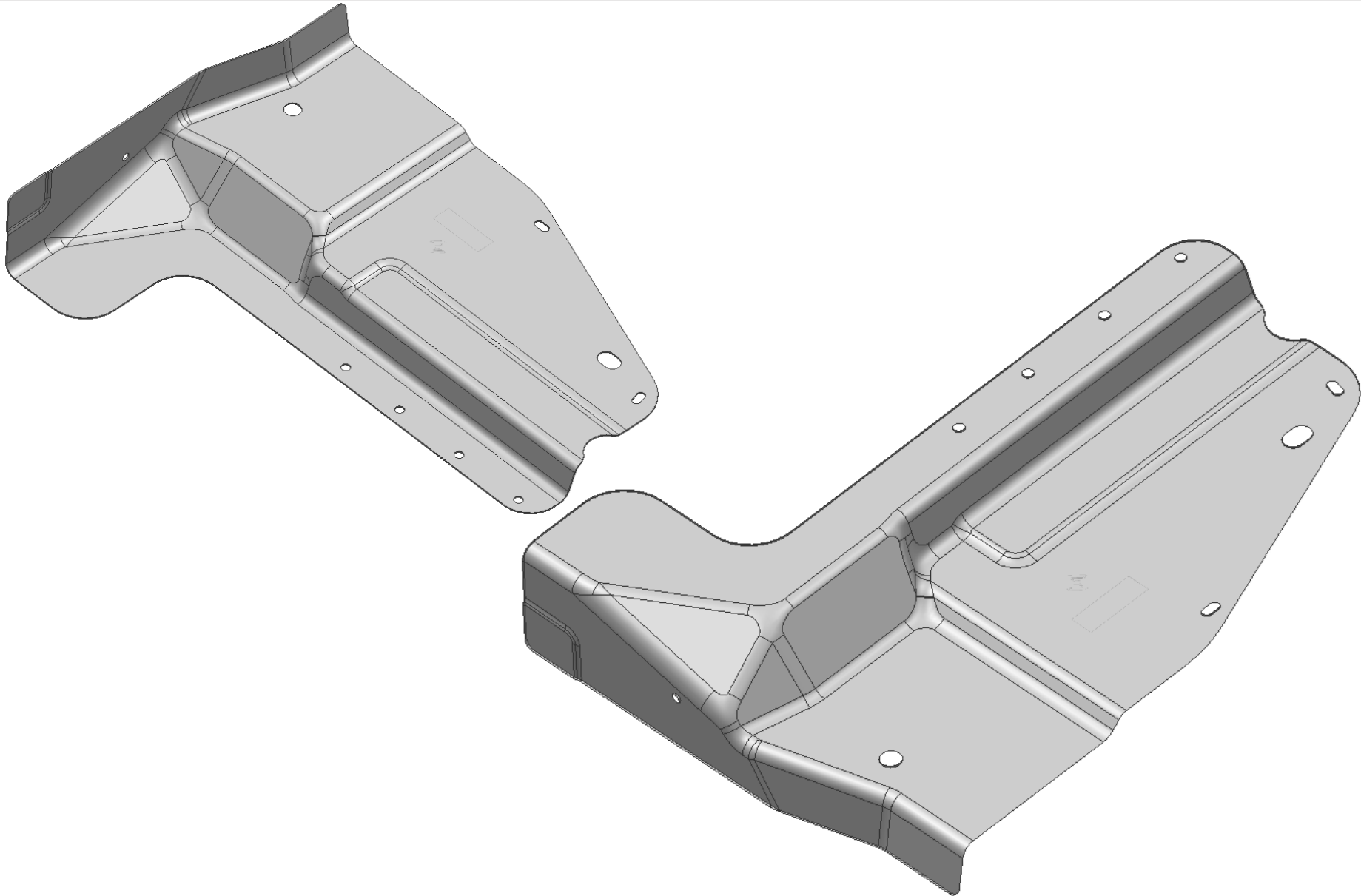


RIVIAN USA 2021: RPV700 D-Pillar – Aluminum 6S-T4 / T8PB-SH-HS-U



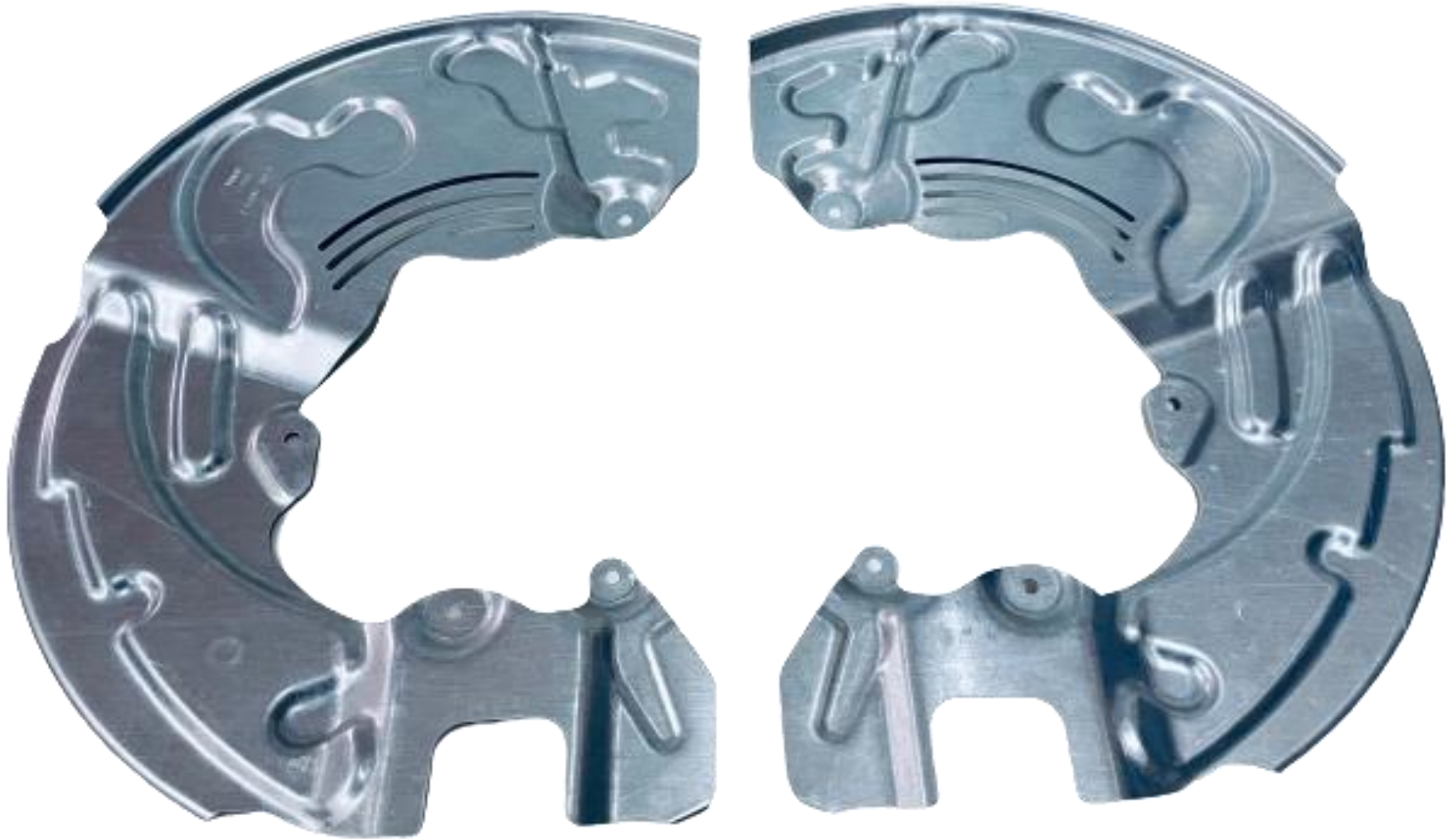


RIVIAN USA 2021: RPV700 D-Pillar – Aluminum 6S-T4 / T8PB-SH-HS-U





Flex N Gate CX727 Shield Bracket - ALUMINIUM A5754-H111





RIVIAN USA 2021: RPV700 D-Pillar – Aluminum 6S-T4 / T8PB-SH-HS-U





RIVIAN USA 2021: RPV700 D-Pillar – Aluminium 5S-O-SH-ST



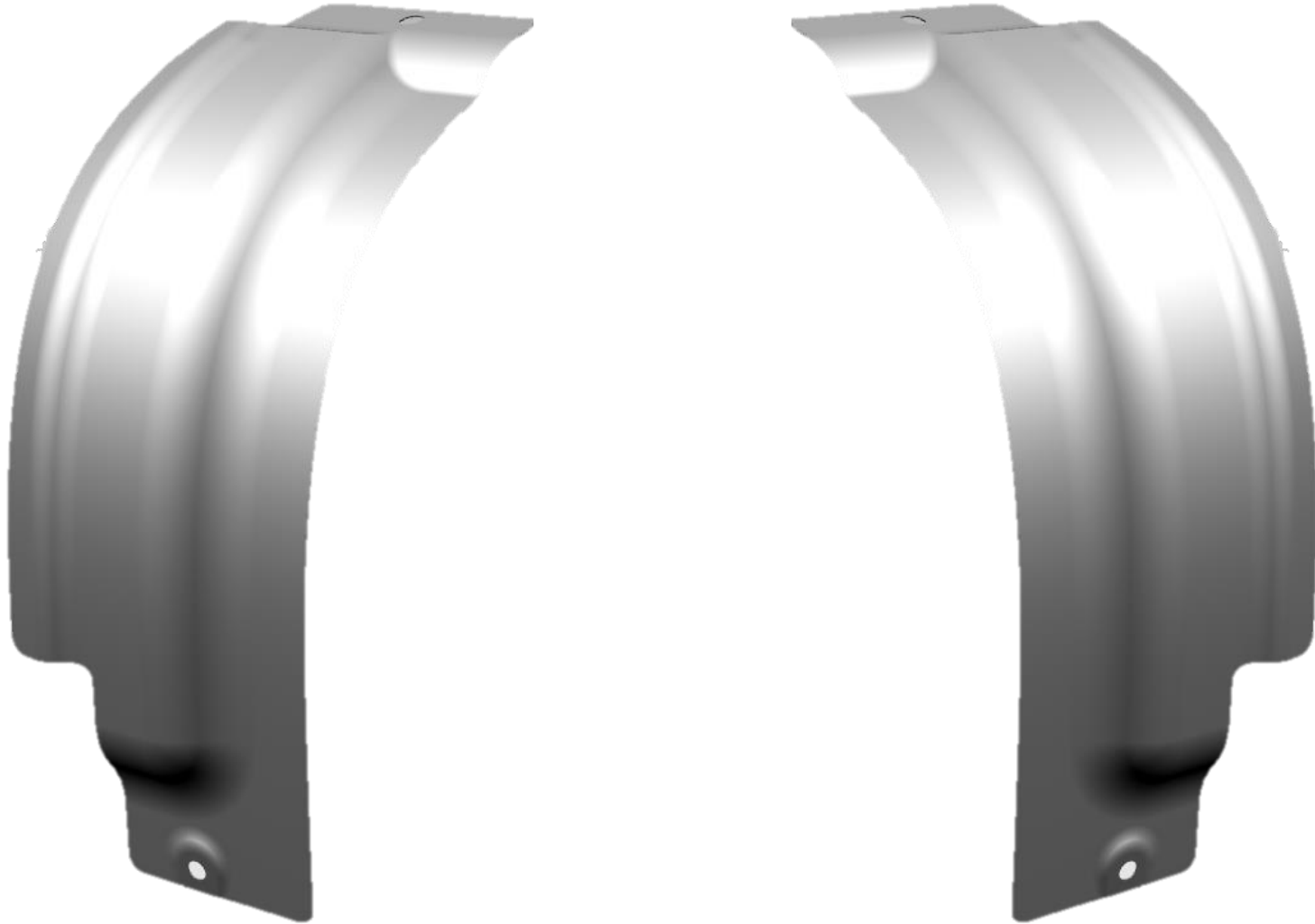


RIVIAN USA 2021: RPV700 D-Pillar – Aluminium 6S-T4 / T8PB-SH-HS-U





RIVIAN USA 2021: RPV700 D-Pillar – Aluminium 6S-T4 / T8PB-SH-HS-U



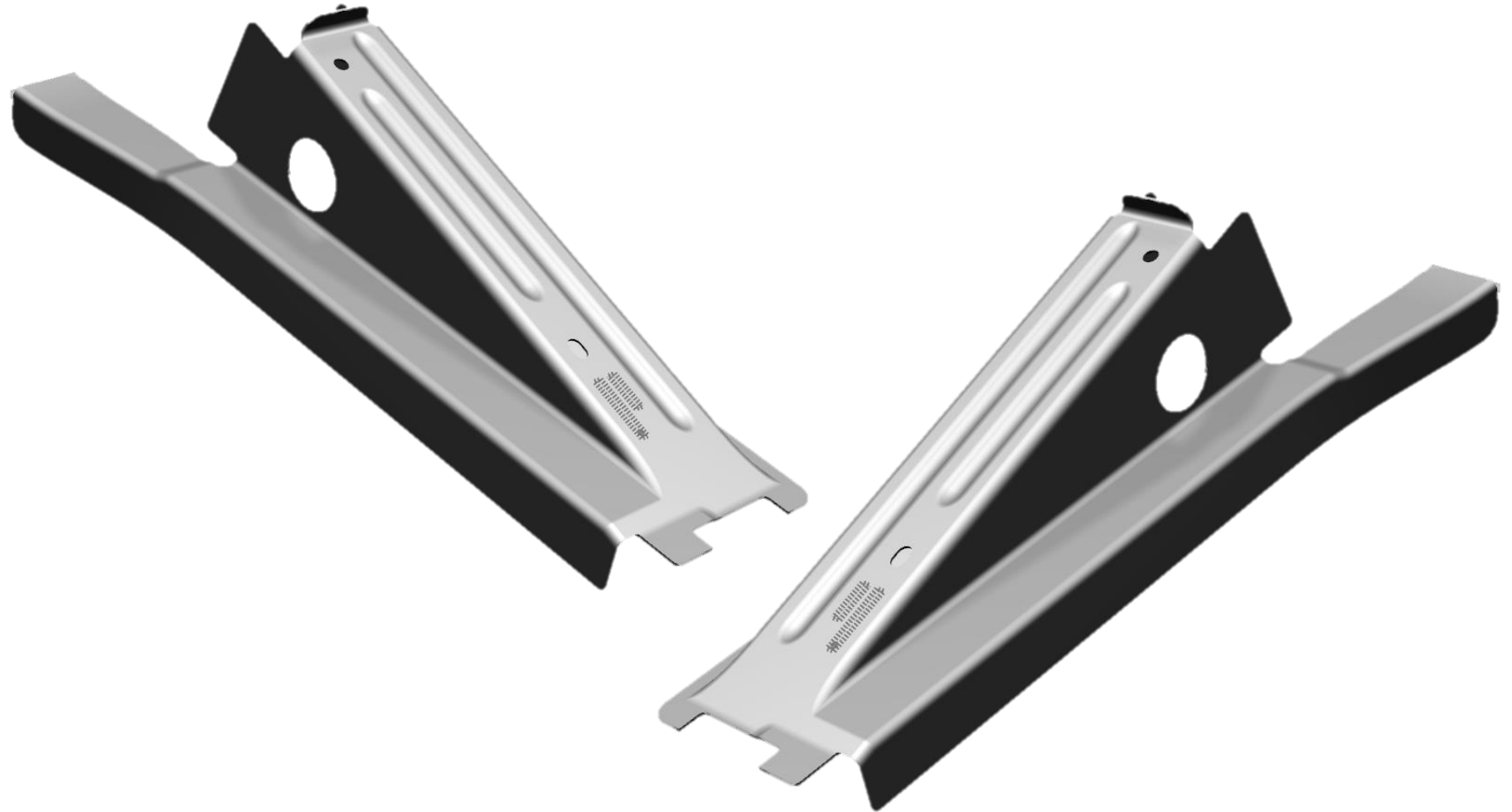


**RIVIAN USA 2021 Skateboard – DP Material Part
CR-590Y-980T-DP-SH-GI60-U Per: RMS 1021**





**RIVIAN USA 2021 Skateboard – DP Material Part
CR-590Y-980T-DP-SH-GI60-U Per: RMS 1021**



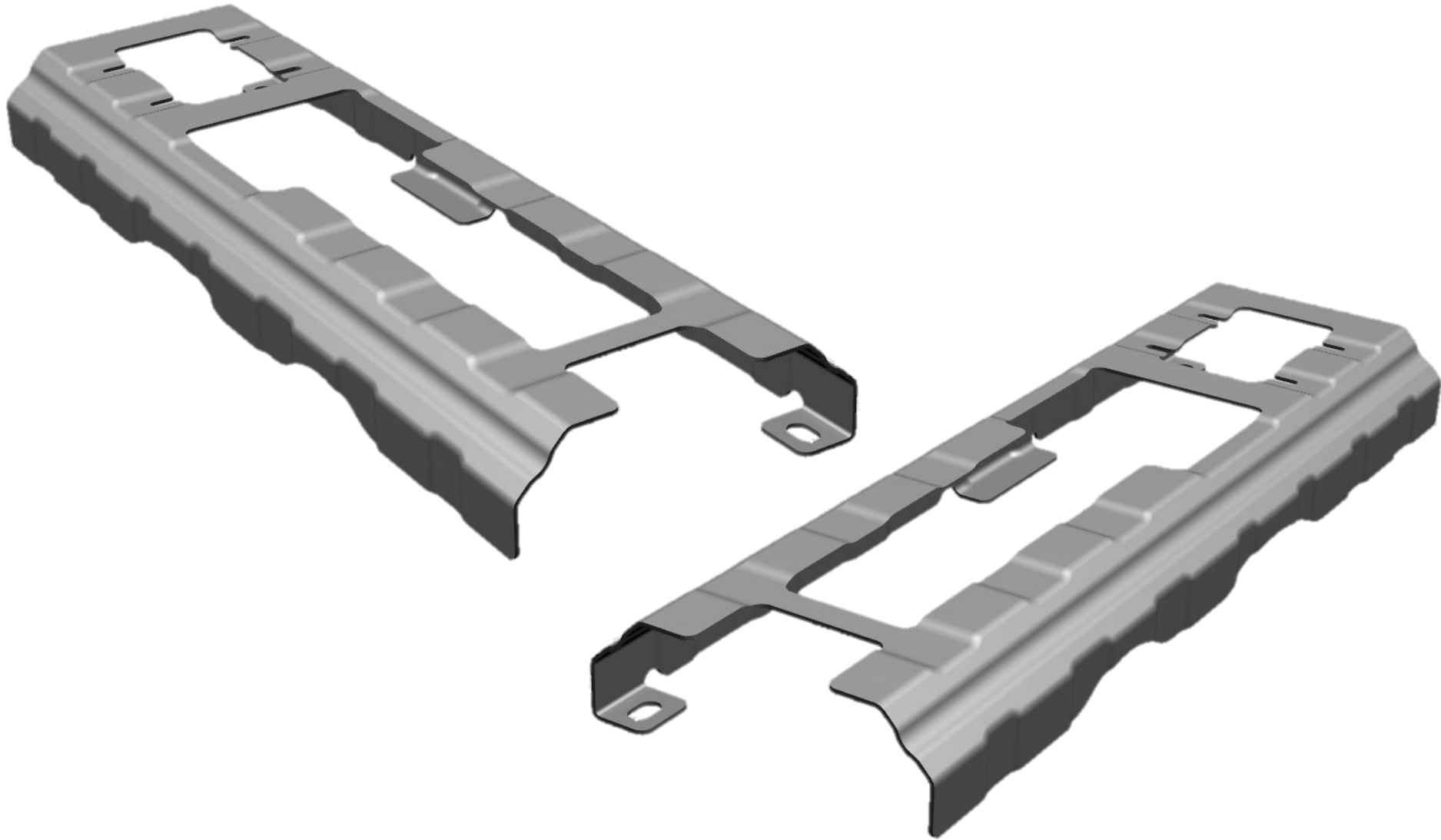


**RIVIAN USA 2021 Skateboard – DP Material Part
CR-590Y-980T-DP-SH-GI60-U Per: RMS 1021**



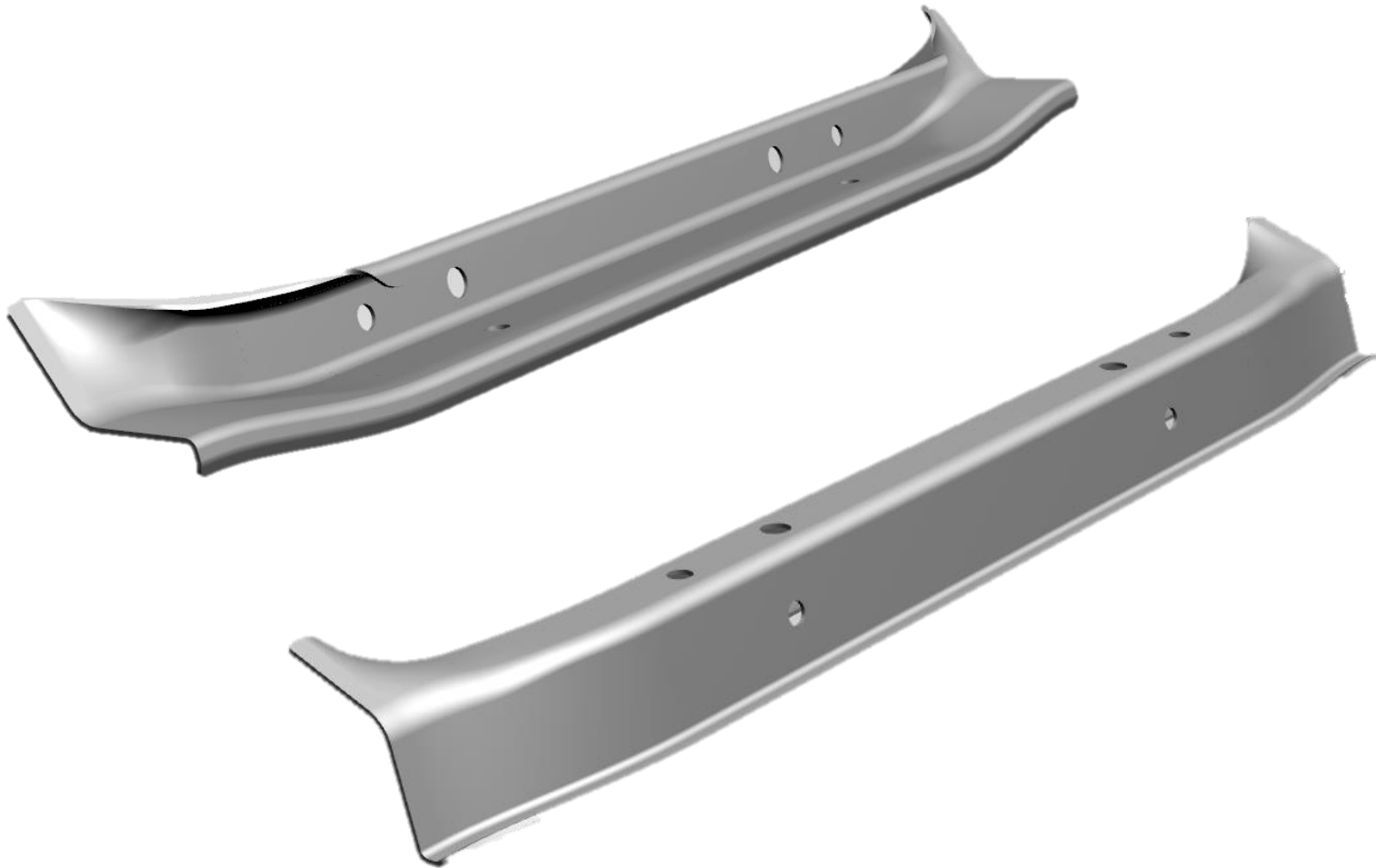


RIVIAN USA 2021 Skateboard – DP Material Part CR-440Y-780T-DP





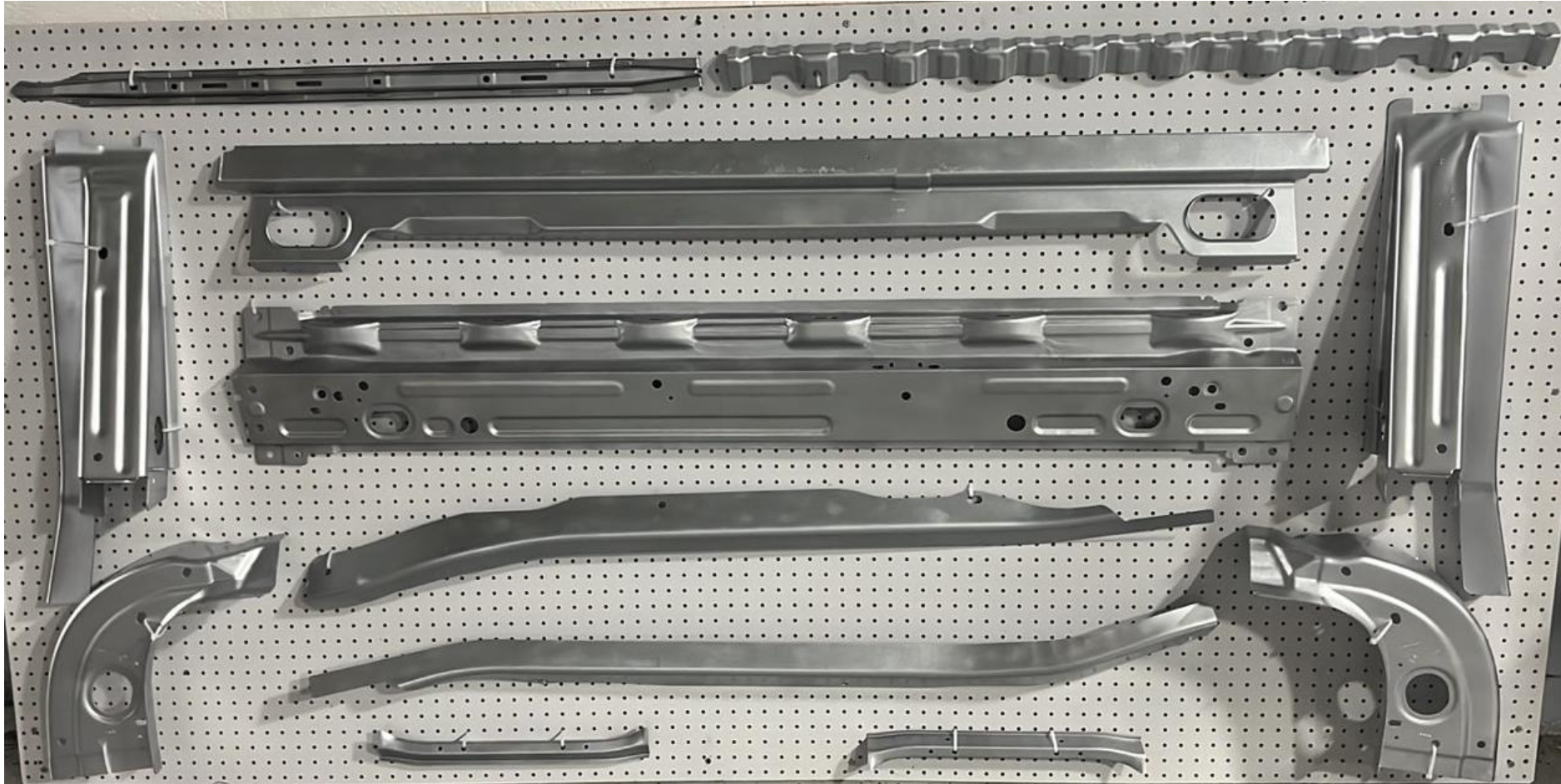
**Fisher Synergy – DP Material Part
GMW3399M-ST-S CR980T/700 Y**





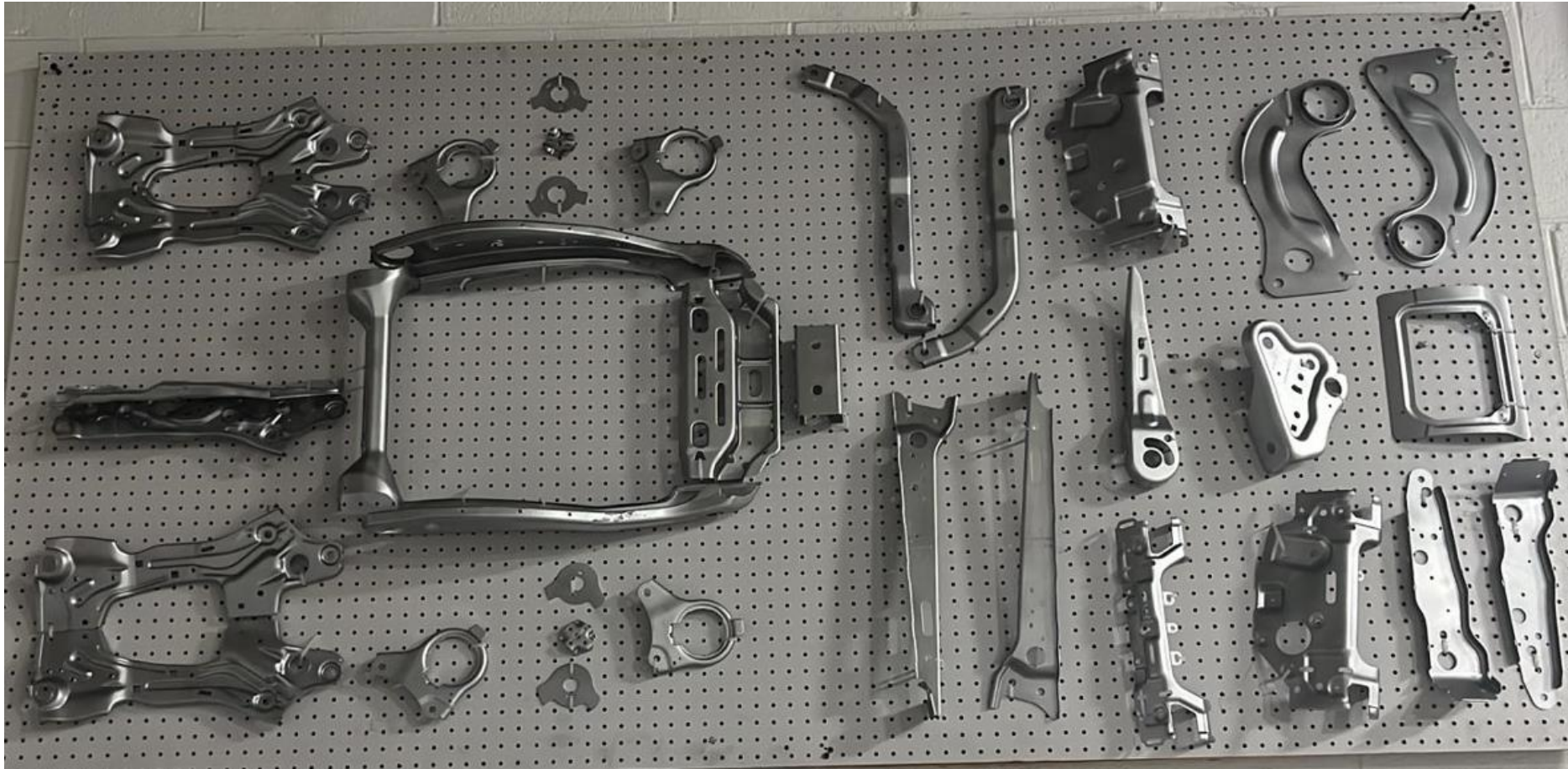


Major Die Build Programs - Details





Major Die Build Programs - Details





Thank You!

Ravi Kapur
President & CEO

Ron Stephens
VP Stamping & Engineering



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