

Shiloh Industries

Aluminum Curvilinear Laser Welded Blank

2021 Runner-up Future of Lightweighting

- First Aluminum curvilinear laser welded blank in the industry
- One Part, One Stamping –
 Eliminates original 4 parts
- Example Liftgate: 16% weight reduction,
 5.3 Kg/vehicle (3M Kg Al saved/ year,
 300K vehicles)
- Potential material & process saving:
 \$18/ vehicle (\$5.4 M/ year, 300K vehicles)