

MODELLING A REFLECTIVE VEHICLE FOR GUIDED SOFT TARGET CREATION



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Project Brief – Guided Soft
Target Vehicle

Capturing the Reflective
Vehicle

Capturing the Painted
Texture Vehicle

Creating the Soft Target
Model

GUIDED SOFT TARGET VEHICLE



Image: tass.plm.automation.siemens.com

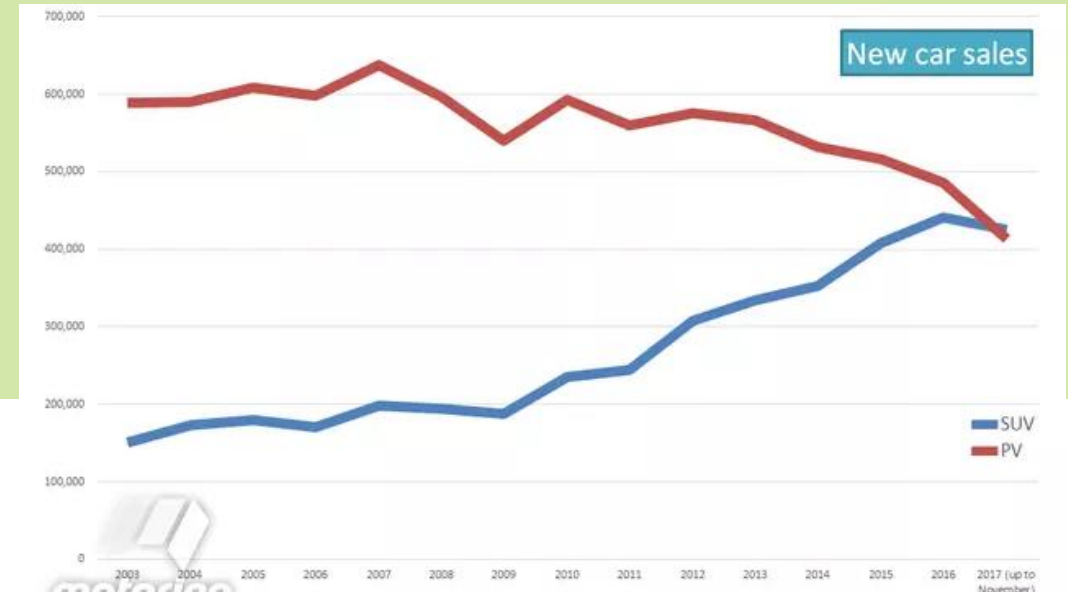


Image: tass.plm.automation.siemens.com

TYPICAL AUSTRALIAN VEHICLES



Image: www.goldcoastbulletin.com.au



Source: www.motoring.com.au

REFLECTIVE VEHICLE





CHALLENGES IN MODELLING HIGHLY REFLECTIVE SURFACES





REFLECTIVE MODEL



PAINTED TEXTURE VEHICLE



RESEARCH & DEVELOPMENT



PAINTED MODEL



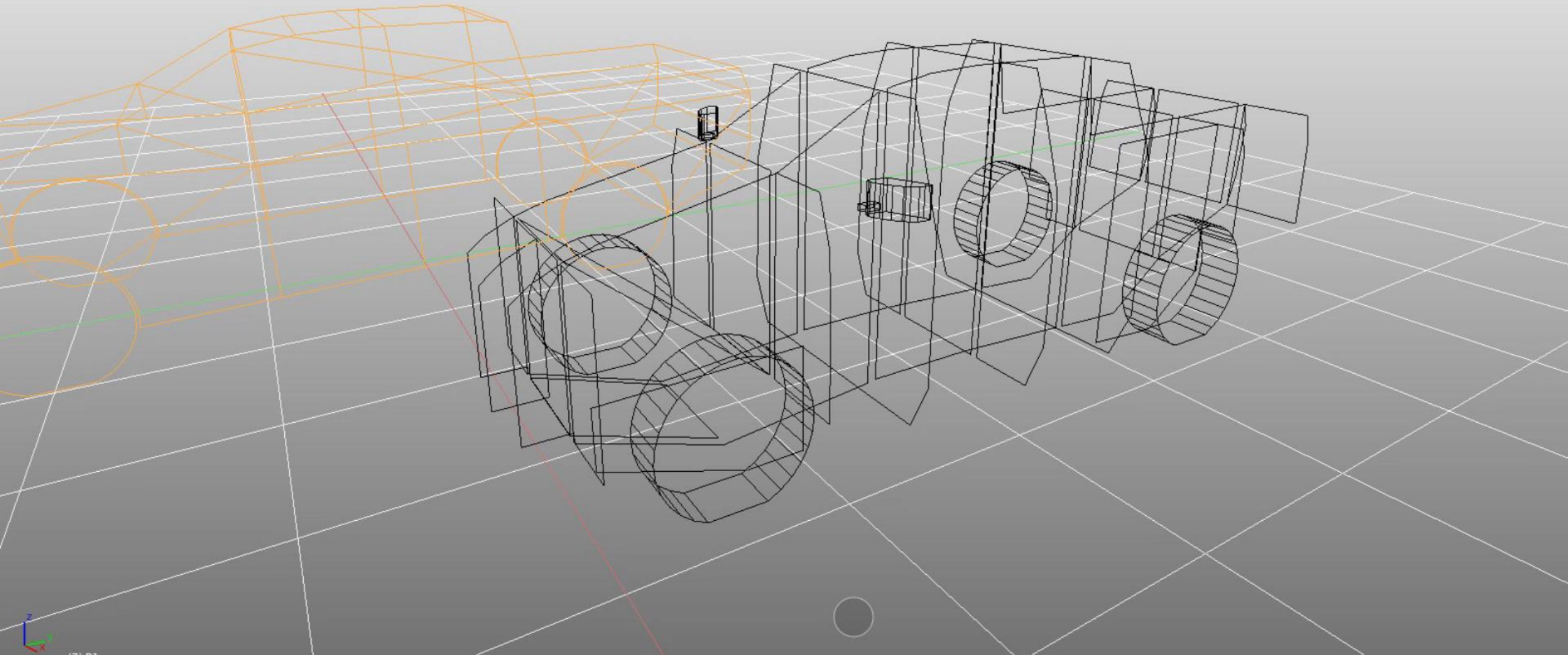
SOFT TARGET MODEL

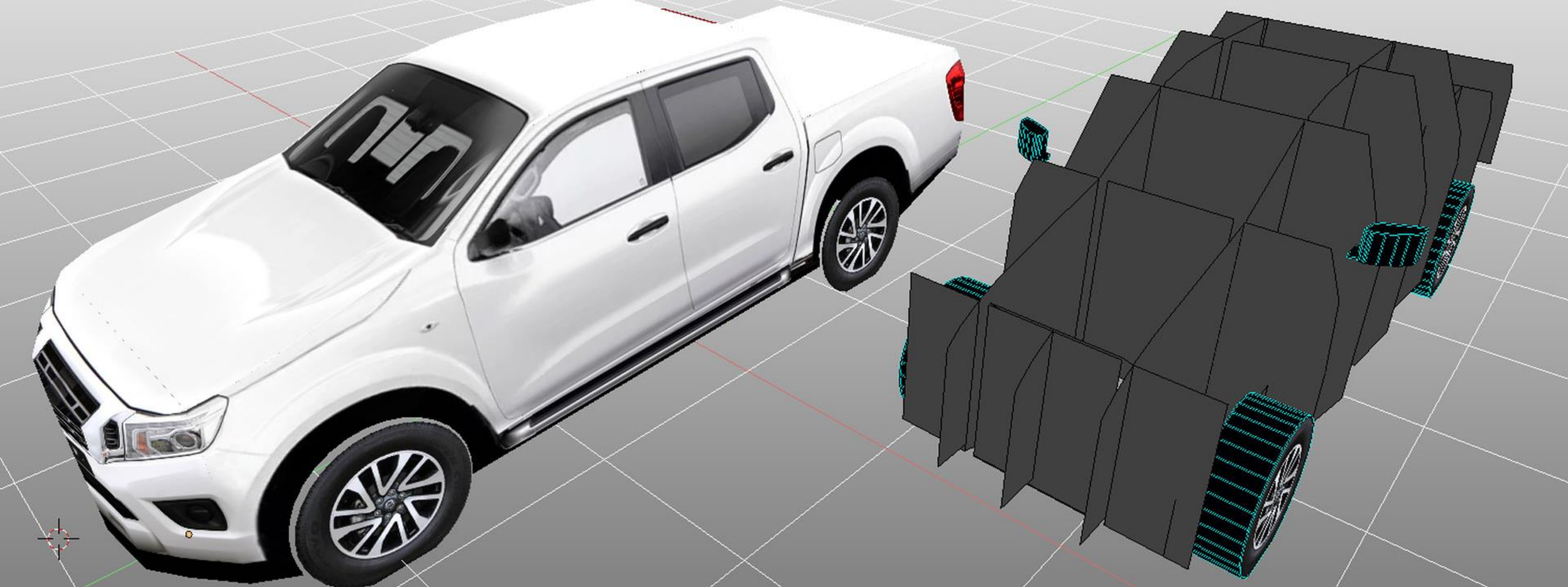


INSPIRATION IN DESIGNING THE FRAME



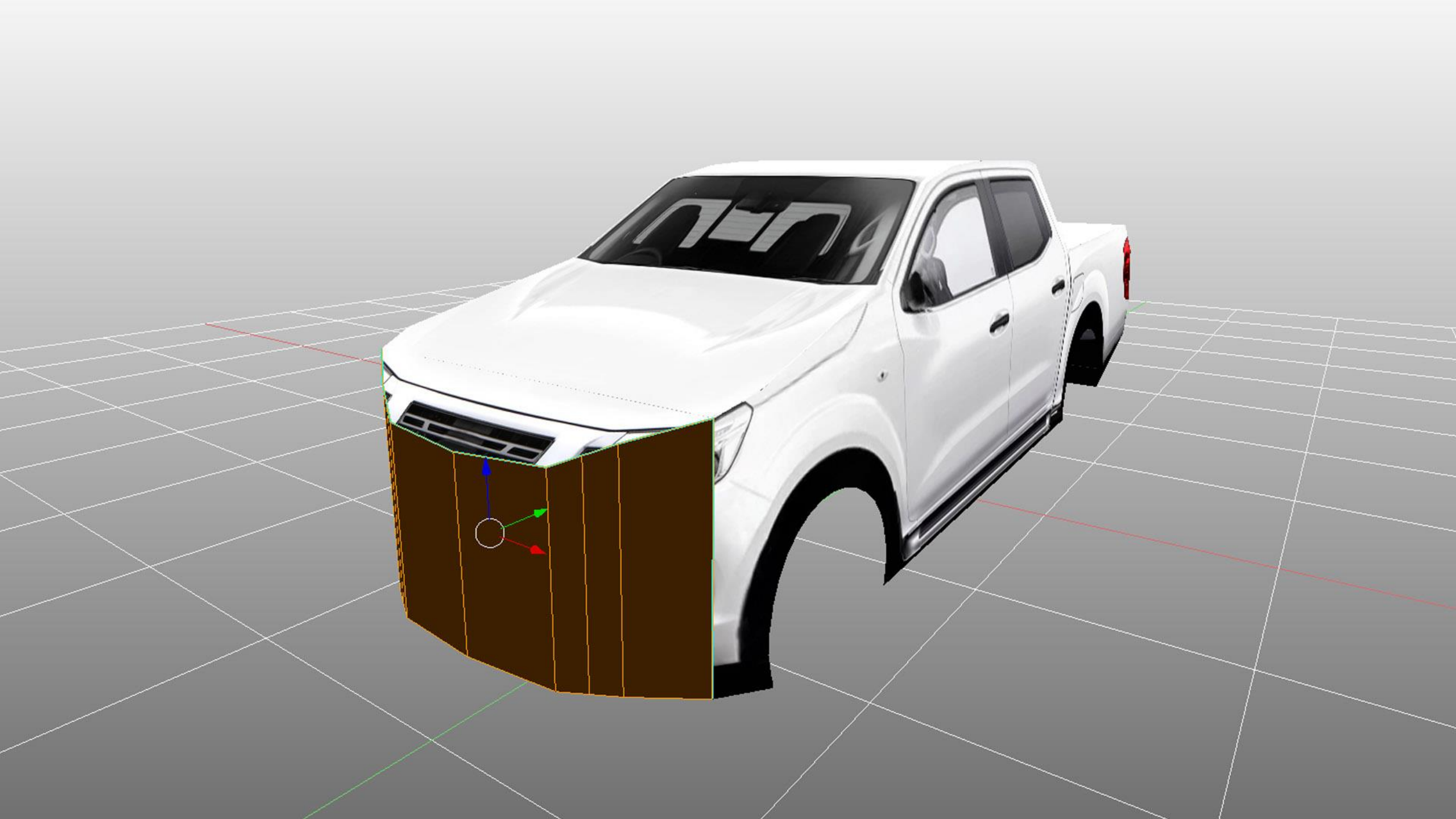
FRAME CONSTRUCTION



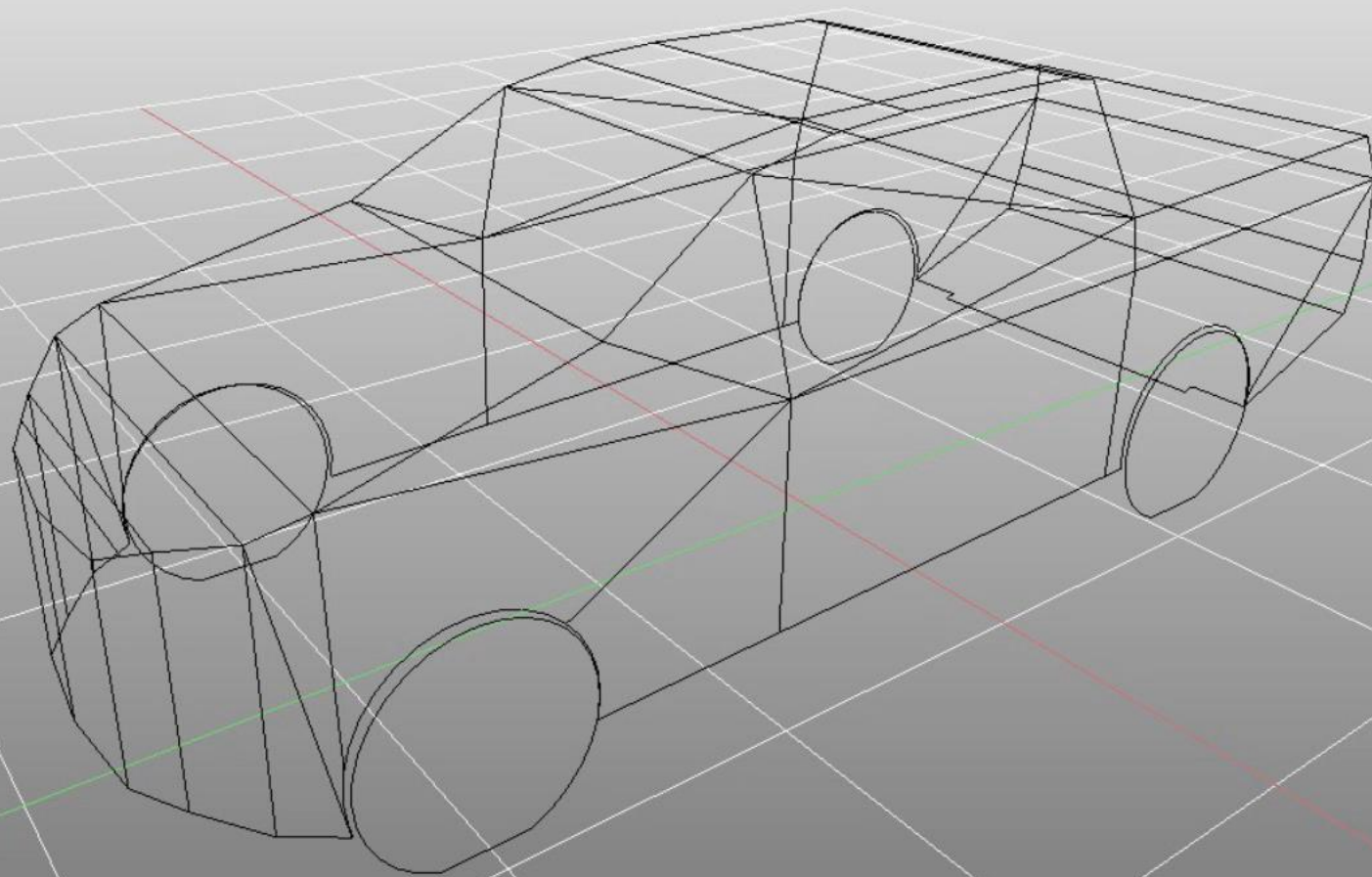


OUTER SHELL





OUTER SHELL

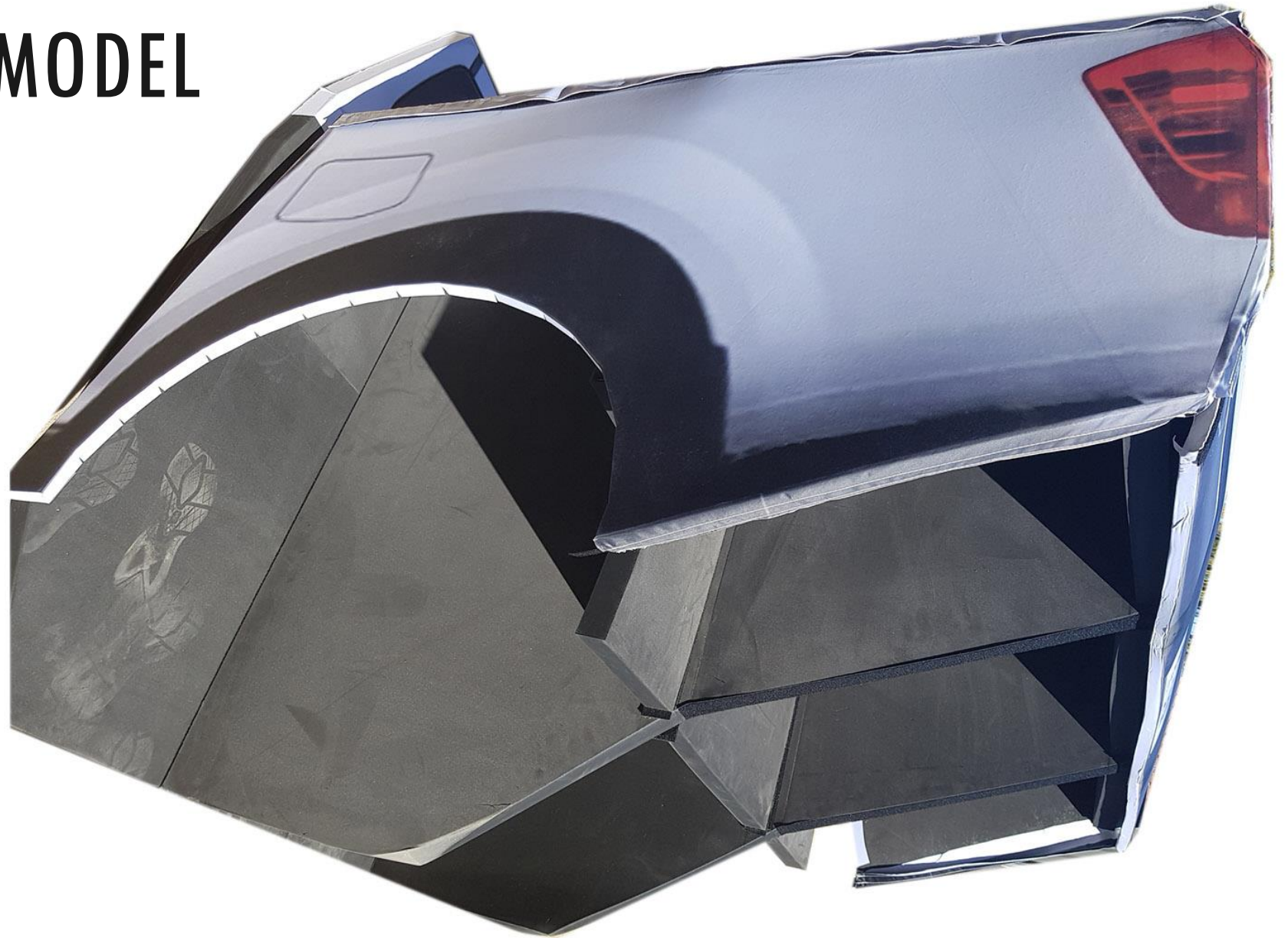


TEXTURE UNWRAP



SOFT TARGET MODEL

DETAIL



SOFT TARGET MODEL

DETAIL



