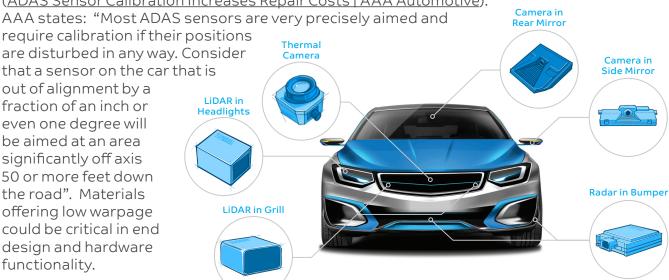
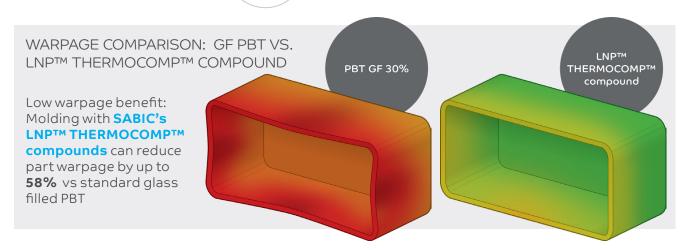


# REDUCING ADAS ALIGNMENT ISSUES WITH SABIC'S LOW WARPAGE MATERIALS

Various factors can lead to alignment issues in radar rear housings or brackets, such as accidents and even part warpage. SABIC's LNP™ THERMOCOMP™ compounds can decrease warpage versus a standard glass filled PBT by up to 58% throughout the molding process.

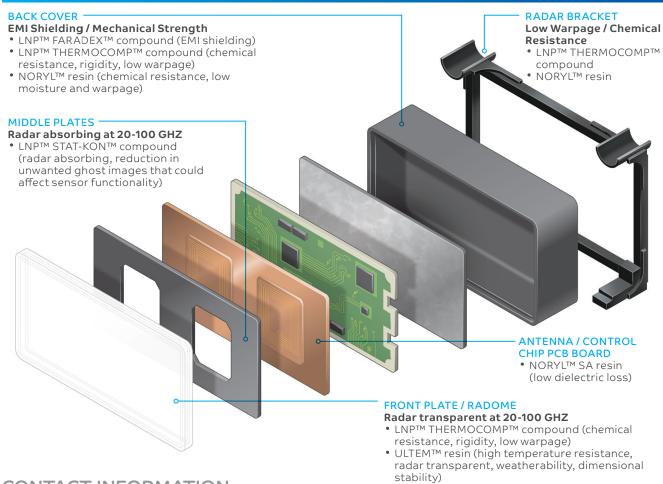
Recalibrating sensor systems can result in increased repair costs, according to a AAA article (ADAS Sensor Calibration Increases Repair Costs | AAA Automotive).





Along with the excellent low warp benefits, LNP THERMOCOMP compounds surpass incumbent PBT compounds in Df/Dk performance and can help reduce attenuation of electromagnetic waves passing through the radar covers to help improve image resolution and range. They can also help enhance transmission and minimize side cones of the signal beam for improved image quality. In addition, the new LNP THERMOCOMP compounds provide higher ductility for improved impact resistance, and equivalent moisture and chemical resistance vs. incumbent PBT materials.

## SABIC RADAR SOLUTIONS



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