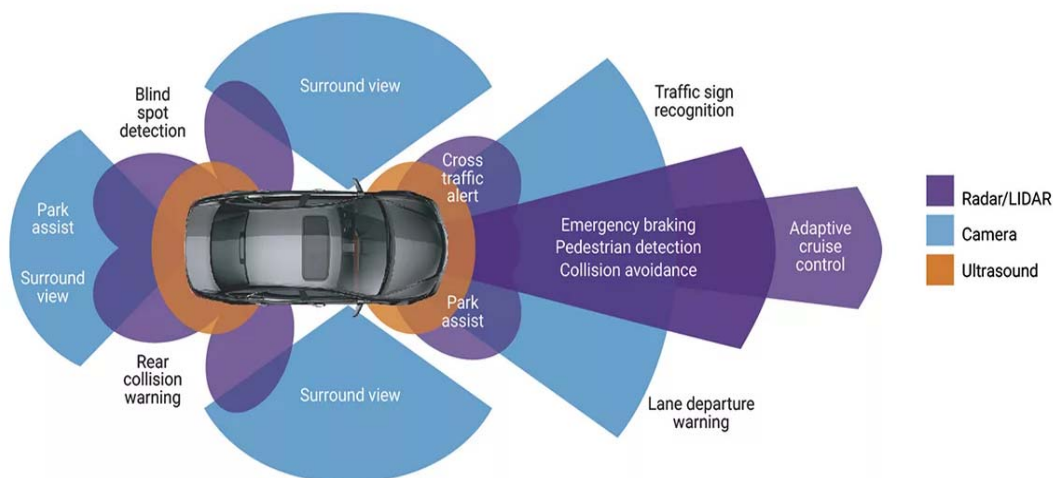


Advanced Driver Assistance Systems (ADAS) – General Guidance

ADAS supporting equipment, located behind painted plastic surfaces presents a challenge for the automotive refinish industry, since the applied coating layers can directly influence the signal emitted and received by the ADAS sensors. Radar sensors are especially sensitive to the thickness and composition of coating layers, resulting in potential interference with critical safety systems, including:

- Pedestrian detection
- Collision avoidance
- Adaptive cruise control
- Automatic emergency braking
- Blind spot detection



OEMs precisely engineer the thickness and composition of both the part (eg. bumper) and the applied paint layers to allow for optimal ADAS performance. Therefore, in order to ensure proper and safe ADAS repairs are conducted, it is mandatory to follow **OEM guidelines** for the repair and application of **Radar Approved Paint**, when working on vehicles equipped with ADAS. Observing the OEM guidance regarding restrictions on structural repairs, re-coating, blending, and component replacement is critically important. Refinishers should use radar approved paint because failure to do so could negatively affect the ADAS. While OEM specifications vary significantly, it is important to note that the use of damaged parts, excessive film thicknesses, non-approved replacement bumpers, and blended coatings can adversely affect the ADAS sensor operation. One should also follow the OEM guidelines for testing the proper operation of ADAS before the vehicle is put back into service.

A separate technical bulletin (TD 6073 V1 1023) will be issued soon regarding **radar approved paint**.

Should you wish to discuss this matter further, please contact Jim Iliopoulos, Product & Technical Manager ANZ on 0412793910.

TD 6072 V1 0923