



IN WHICH SITUATIONS IS CALIBRATION REQUIRED?



- Windshield replacements (Cameras are usually integrated into the windshield).
- Bodywork repairs and bumper replacements (Radars are located behind the bumper).
- Suspension changes, wheel alignments, and procedures that alter the vehicle height.
- After any crash the vehicle is involved in.
- Upon error or "system disabled" warnings appearing on the instrument panel.

ACCORDING TO ADASKALIBRASYON DATA, THE PROCESS OF ALIGNING THE CAMERAS AND RADARS IN VEHICLES ACCORDING TO MANUFACTURER STANDARDS SO THEY CAN OPERATE CORRECTLY IS CALLED CALIBRATION.

WHAT AWAITS US IN THE FUTURE

V2X is the uninterrupted, instantaneous, and encrypted data exchange of vehicles with other vehicles around them, traffic lights, pedestrians, and cloud networks via 5G technology. By giving vehicles almost a "telepathy" ability, this technology aims to eliminate crash risks long before the sensors even see the hazard.

1. **V2V (Vehicle to Vehicle Communication):** It is the system where vehicles share data among themselves, such as speed, direction, steering angle, and braking status, up to ten times per second.
2. **V2I (Vehicle to Infrastructure Communication):** It is the communication of vehicles with smart city infrastructures, namely traffic lights, speed cameras, toll booths, and electronic directional signs.
3. **V2P (Vehicle to Pedestrian Communication):** It is the network that allows vehicles to communicate with smartphones or wearable technologies (smartwatches, etc.) carried by pedestrians and cyclists.
4. **V2N (Vehicle to Network Communication):** It is the communication of vehicles with central cloud systems over broadband mobile networks (especially ultra low latency 5G).

