What are Advanced Driver Assistance Systems (ADAS)?

ADAS is a family of advanced safety systems designed to work together to assist in the reduction of collisions and injuries.

These innovative systems enhance vehicle safety by adapting to the surrounding environment, automating certain functions, and warning the driver of potential issues.

The Circle of Safety:

- Camera
- LIDAR
- Short/Medium Range Radar
- Long Range Radar
- Ultrasonic

How does ADAS impact the windshield?

Front facing cameras mounted on or near the windshield enable many advanced safety features to work.

Nearly all automakers specify these cameras must be recalibrated after windshield replacement.

**Static recalibration**: Requires a specific target image mounted on a fixture in front of the vehicle during the recalibration process. Takes 45 minutes to an hour.

**Dynamic recalibration**: Requires driving the vehicle at a set speed on well-marked roads to recalibrate the camera system. Takes 30 minutes to an hour.

If not recalibrated properly, the safety systems enabled by the cameras may not work properly and give inaccurate information to the driver, putting safety at stake.
Why is ADAS recalibration important to your policyholder?

ADAS has been put in place to keep your policyholder and their family safe and secure. Specifically, lane departure warning, a technology designed to address an often-fatal type of crash, is preventing crashes on U.S. roads, according to the Insurance Institute of Highway Safety (IIHS)*.

Results of this study indicate that lane departure warning lowers rates of single-vehicle, sideswipe and head-on crashes of all severities by 11 percent and lowers the rates of injury crashes of the same types by 21 percent*.

As a leader in ADAS recalibration, Safelite AutoGlass® is committed to providing quality service to your policyholders and ensuring their safety.

*IIHS 2017 Status Report

Safelite AutoGlass has built a team of experts to prepare for the future of ADAS camera recalibration. Safelite AutoGlass offers both windshield replacement and recalibration services. Here’s how it works for your policyholder.

**Alert**
Safelite AutoGlass notifies the customer if their vehicle requires a camera recalibration during scheduling.

**Replace**
Using our patented TrueSeal™ technology, the technician replaces the windshield.

**Recalibrate**
After the windshield is in place, the technician performs the recalibration service.

**Peace of mind**
Recalibration ensures proper operation of advanced safety systems—keeping customers safe.

Lane departure warning lowers the rate of crashes

<table>
<thead>
<tr>
<th></th>
<th>All crashes</th>
<th>Injury crashes</th>
<th>Fatal crashes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0%</td>
<td>-20%</td>
<td>-100%</td>
</tr>
<tr>
<td>Without controlling for demographic factor</td>
<td>-20%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Controlling for demographic factors</td>
<td>-60%</td>
<td></td>
<td>-100%</td>
</tr>
</tbody>
</table>

Help make your policyholder’s life easier. Trust Safelite AutoGlass and schedule service today.