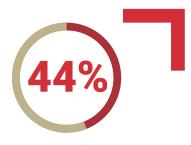
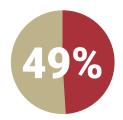




# The Need for Aftermarket Camera Calibration



By 2020, more than 44% of new auto glass production will include ADAS features.



49% of cars will require calibration by 2025.

### Auto Glass Technology Is Rapidly Changing. Adapting to ADAS Is More Critical Than Ever Before.

Advanced Driver(s) Assistance Systems (ADAS) in vehicles is becoming increasingly popular. These systems rely upon cameras, lasers, and radar – often with the camera mounting to the windshield. Any time a new windshield is installed, the camera must be calibrated to ensure proper functionality and to restore the camera to OEM specifications.

### **ADAS Is Changing the Industry**



Rapid growth of auto glass with complex ADAS components



Insurance companies and NHTSA are now requiring ADAS



Vehicles with ADAS require precise installation and calibration



A properly calibrated camera after a windshield installation is a critical safety measure.



### **ADAS Features**



Alert (FCA)



Warning (LDW)



Lane Keep Assist (LKA)



Control (ACC)



**Breaking System (CMBS)** 





NHTSA's new five star safety rating now includes forward collision alert and automatic emergency braking.



**Driver Status** Monitoring (DSM)



Traffic Sign Recognition (TSR)



**Pedestrian Detection** (PD)



Blind Spot Monitoring (BSM)





# Introducing Opti-Aim™

The first complete aftermarket tool for precise auto glass camera calibration. Opti-Aim™ from Pilkington is the industry's first aftermarket calibration tool for managing complex installations that demand precise, camera-ready accuracy. With Opti-Aim™, you can stay current with emerging calibration opportunities and get your customers back on the road.





#### More Than Just a Tool.

Opti-Aim $^{\infty}$  is a complete solution with additional accessories such as instructions, targets, stands, and a calibration toolkit – as well as training, certification, and a dedicated support staff to help you every step of the way.







### Aim. Click. Complete.

Once connected to the vehicle, Opti-Aim™ begins the camera aiming process and then works with the vehicle's computer to optimize camera alignment and restore it to OEM specifications.

## **Opti-Aim**<sup>™</sup> **Delivers.**



New revenue opportunities for complex ADAS glass installations



Capable of static and dynamic calibration as specified by OEMs



Precision, reliability, and convenience for your customers



One portable tool for any vehicle make and model

Call **844-660-0400** or visit **pilkingtonclearadvantage.com/Opti-Aim** to learn more.



