

AUTEL

MAXISYS™

ADAS CALIBRATION TOOL PACKAGES

Calibration for camera, radar & night vision-based systems,
for collision, glass replacement & specialty repair shops.

ADAS

ADVANCED DRIVER ASSISTANCE SYSTEM

CALIBRATION



Update software for newest
model OE-level functionality



OE-level calibration with
on-tool, graphic instruction

FLEXIBLE | PRECISE | COMPLETE

Adjustable Frame

Accurate Laser Positioning

OE-Level Vehicle Coverage



WWW.MAXISYSADAS.COM


ADAS CALIBRATION TOOLS PATENT PENDING



ADAS SOFTWARE

PRECISE CALIBRATION PROCEDURES

Updates provide the newest OE level vehicle coverage and graphic instruction procedures

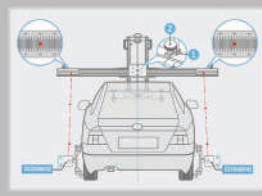


PRE-SCAN & POST-SCAN

ADAS CALIBRATION INCLUDED

COLLISION REPAIR READY SOFTWARE PACKAGE

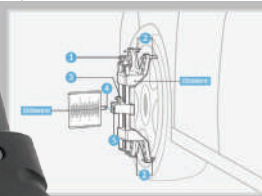
J2534 Maxiflash Elite for OE-Level programming | Faster 1.3GHz + 1.7GHz hexa-core processor | AutoVIN / AutoSCAN all modules in all systems



Easy step-by-step instructions

* Turn on lasers CSC0500/02 attached to the rear wheels and adjust them to aim the laser at the rulers on both sides of the crossbar cover plate.

* Loosen the handle (Pos. 1) and rotate the fine tuning bolt (Pos. 2) until the rulers on both sides have the same value lit by the laser. Then tighten the handle (Pos. 1) to secure the crossbar.




User-friendly Android software

* Check wheel clamp CSC0500/01 and ensure its four pawls (Pos. 2) are equal in length.

* Attach two wheel clamps to the rear wheels respectively, and rotate the bolt (Pos. 1) clockwise until pawls (Pos. 2) are tightly secured.

* Fully insert the connecting shaft of the laser (Pos. 4) into the clamp part (Pos. 5) and ensure the laser calibration board faces the vehicle's direction. Attention: Turn down the laser.



Alignment rack compatible with height adjustment

Unit is mm

* Measure the height gap h between the two levels, and enter the measured value (unit: mm).

ADAS CALIBRATION APPLICATION

Turn your existing MaxiSYS 908 tablet into an ADAS functional tablet.

ONE TIME UPGRADE PURCHASE FOR ADAS CALIBRATION



Autel Calibration Frame & Active MaxiSYS Update Subscription are Required

Calibration Frame Serial Number Is Registered to ADAS Tablet



MS908P / MS908SP / MSELITE
ADAS CALIBRATION SOFTWARE UPGRADE PACKAGE

ADAS REPAIR-READY

COLLISION SOFTWARE FEATURES

Scan more vehicles, get more profit from every estimate. Print or email reports for faster insurance approval.



CREATE EFFICIENT REPAIR PLAN FROM THE START

Saved By RO and VIN • Single Button Report • Wireless Print or Email • E-Signature For Insurance Approval

Step 1
Enter New
Vehicle RO

Step 2
Pre-SCAN
Report

Step 3
Repair
Vehicle

Step 4
Enter Vehicle
RO History

Step 5
Post-SCAN
Report

ADAS MODULE IDENTIFICATION

ICON PINPOINTS MODULES REQUIRING ADAS CALIBRATION

MAXISYS FEATURES INCLUDED

All systems diagnostics and advanced maintenance services available on the same tablet.



BI-DIRECTIONAL

MAINTENANCE

CODING & ADAPTATIONS

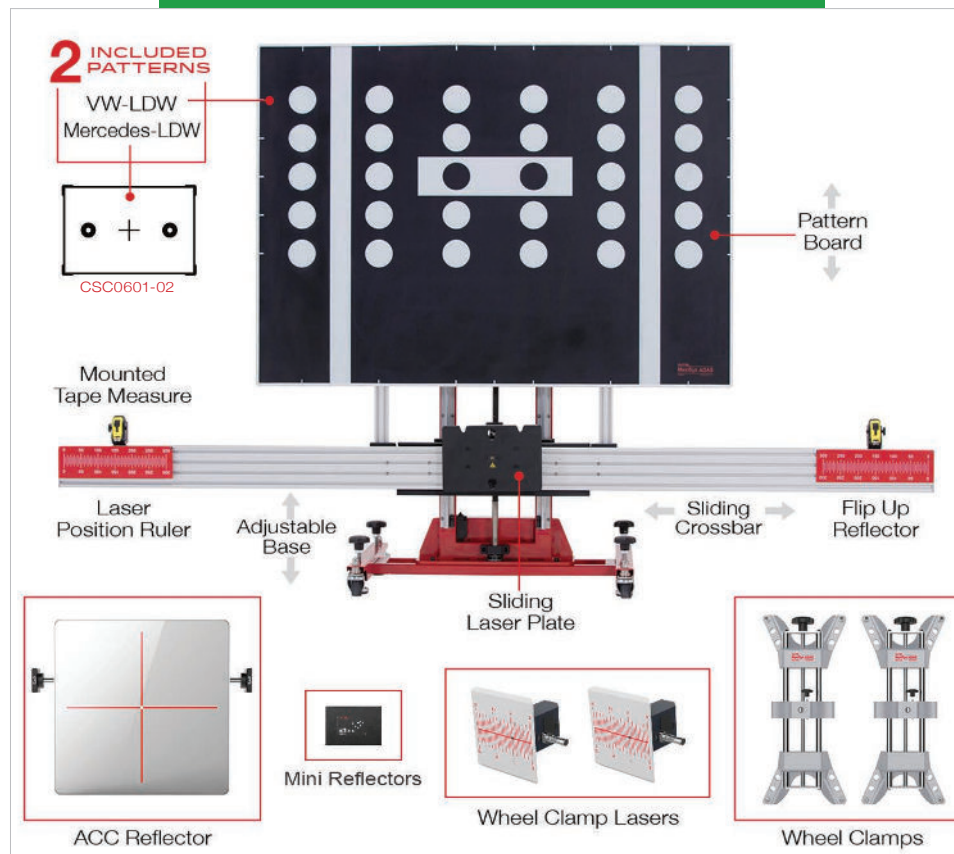
SERVICE & RESETS

ADAS FRAME

ADJUSTABLE CALIBRATION SYSTEM

- Accurate adjustments ensure precise positioning of interchangeable targets for calibrations.

ADAS MAIN FRAME



Move securely by wheels and pulleys

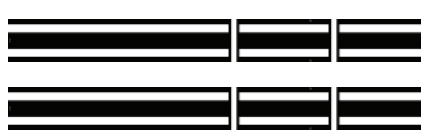


AVM OVERSIZE PATTERNS EACH SOLD SEPARATELY

FORD CSC1004-05



VOLKSWAGEN CSC1004-01



PORSCHE CSC1004-07

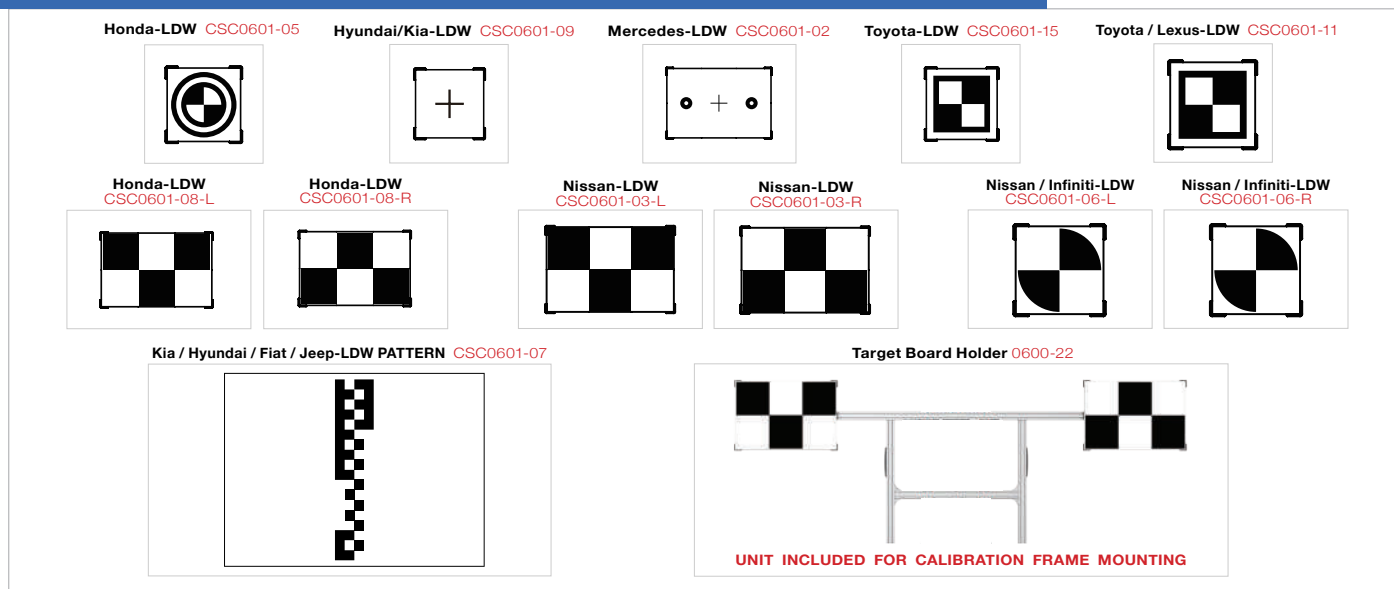


ADAS UPGRADES

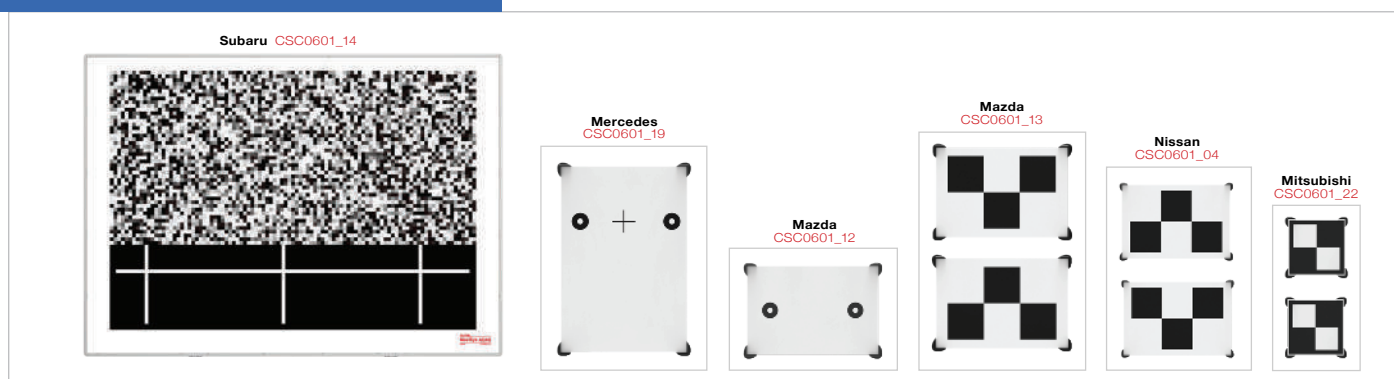
CALIBRATION UPGRADE PACKAGES

Package upgrades to expand vehicle coverage and system calibration options.

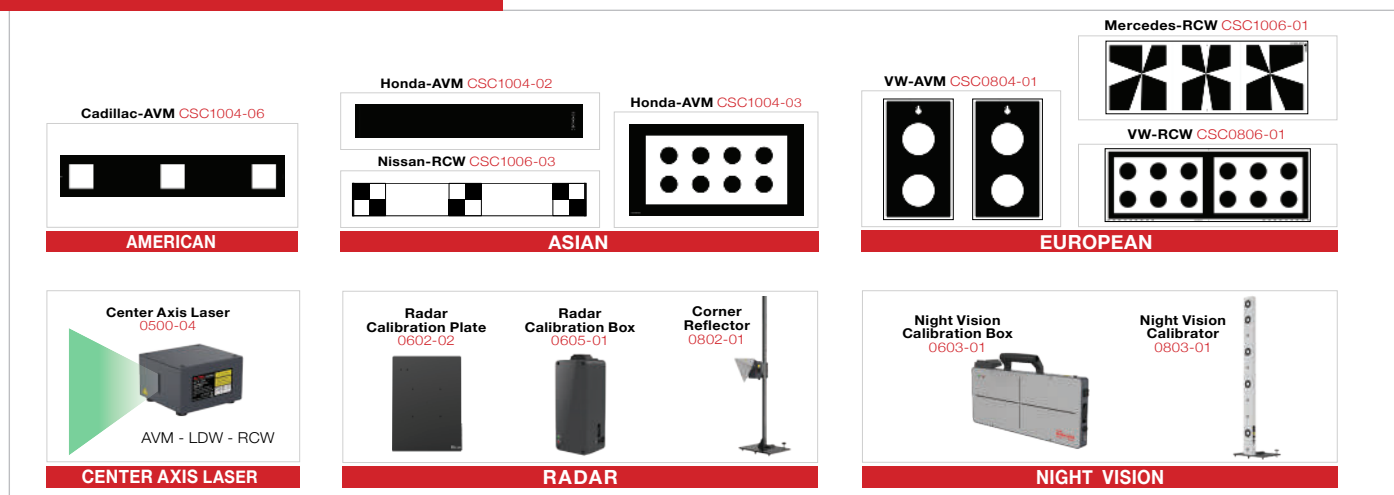
BASIC KIT LDW TARGET1



LDW TARGET2



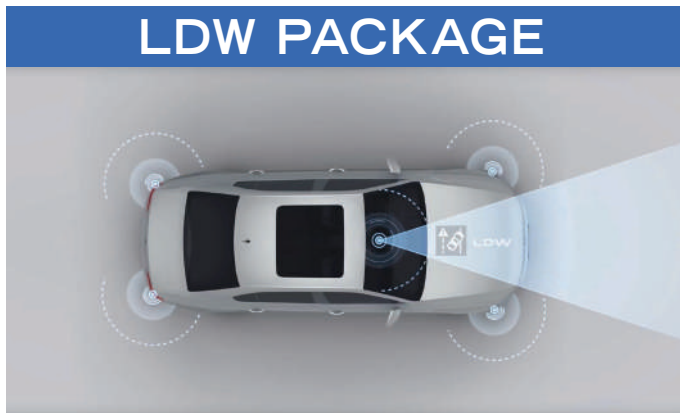
ADAS CAL1



ADAS PACKAGES

LDW PACKAGE VS. ADAS COMPLETE

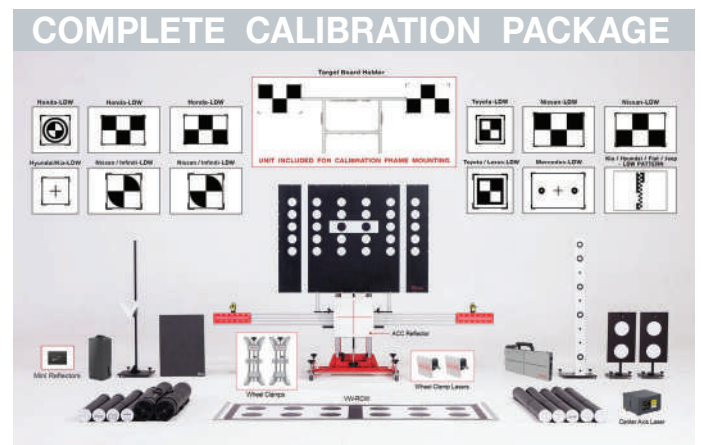
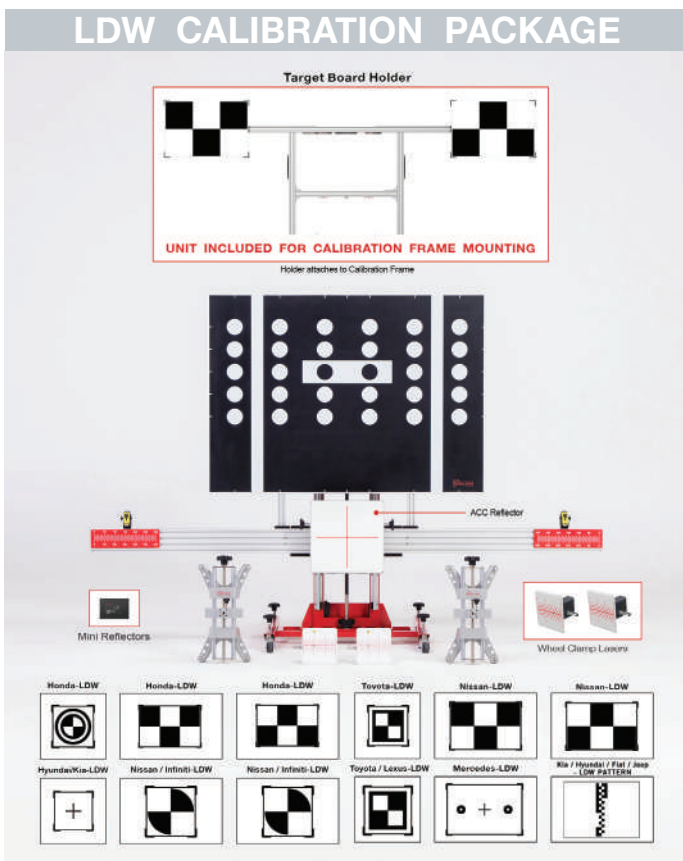
Visual comparison of two package options that include calibration frame.









Lane Departure Warning Targets



AVM - RCW - BSD - NV Calibration



PASSIVE FEATURE		ACTIVE FEATURE	
LDW		LANE DEPARTURE WARNING	LANE KEEPING ASSIST
ACC		ADAPTIVE CRUISE CONTROL	COLLISION AVOIDANCE SYSTEM
RCW		REAR COLLISION WARNING	PARKING ASSIST
BSD		BLIND SPOT DETECTION	BLIND SPOT INTERVENTION
AVM		AROUND VIEW MONITORING	AUTOMATIC PARKING
NVS		NIGHT VISION SYSTEM	NIGHT VISION ASSIST

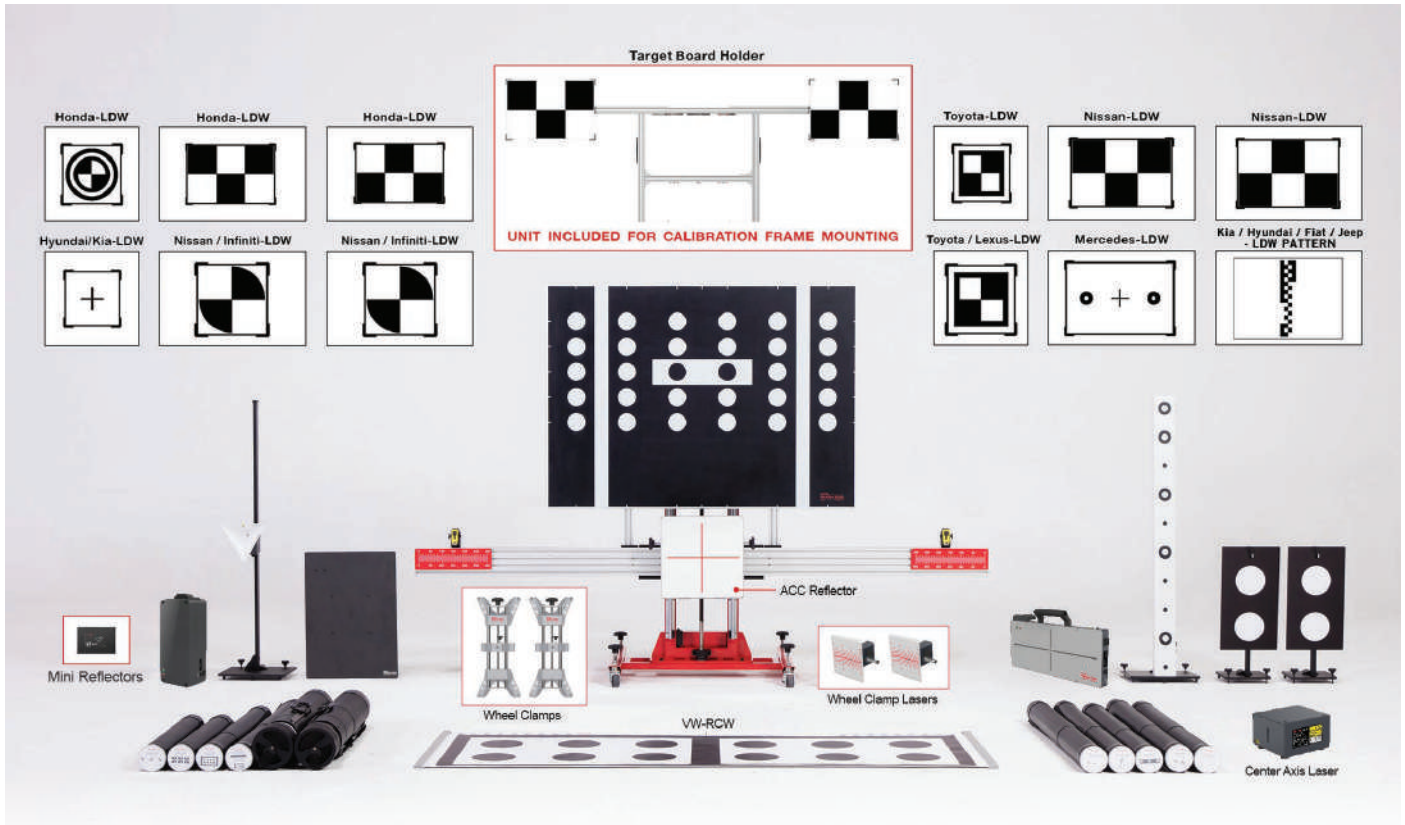
PASSIVE FEATURE		ACTIVE FEATURE	
LDW			
	LANE DEPARTURE WARNING	LANE KEEPING ASSIST	

ADAS ADVANCED

PROFESSIONAL STARTER PACKAGE

Advanced package includes MaxiSYS tablet and newest vehicle coverage targets.

ADAS ADVANCED



ADAS TABLET + ADAS COMPLETE + LDW TARGET2



COLLISION REPAIR READY
ADAS CALIBRATION INCLUDED
PRE-SCAN & POST-SCAN

Subaru CSC0601_14



Mercedes
CSC0601_19



Mazda
CSC0601_12



Nissan
CSC0601_04



Mitsubishi
CSC0601_22

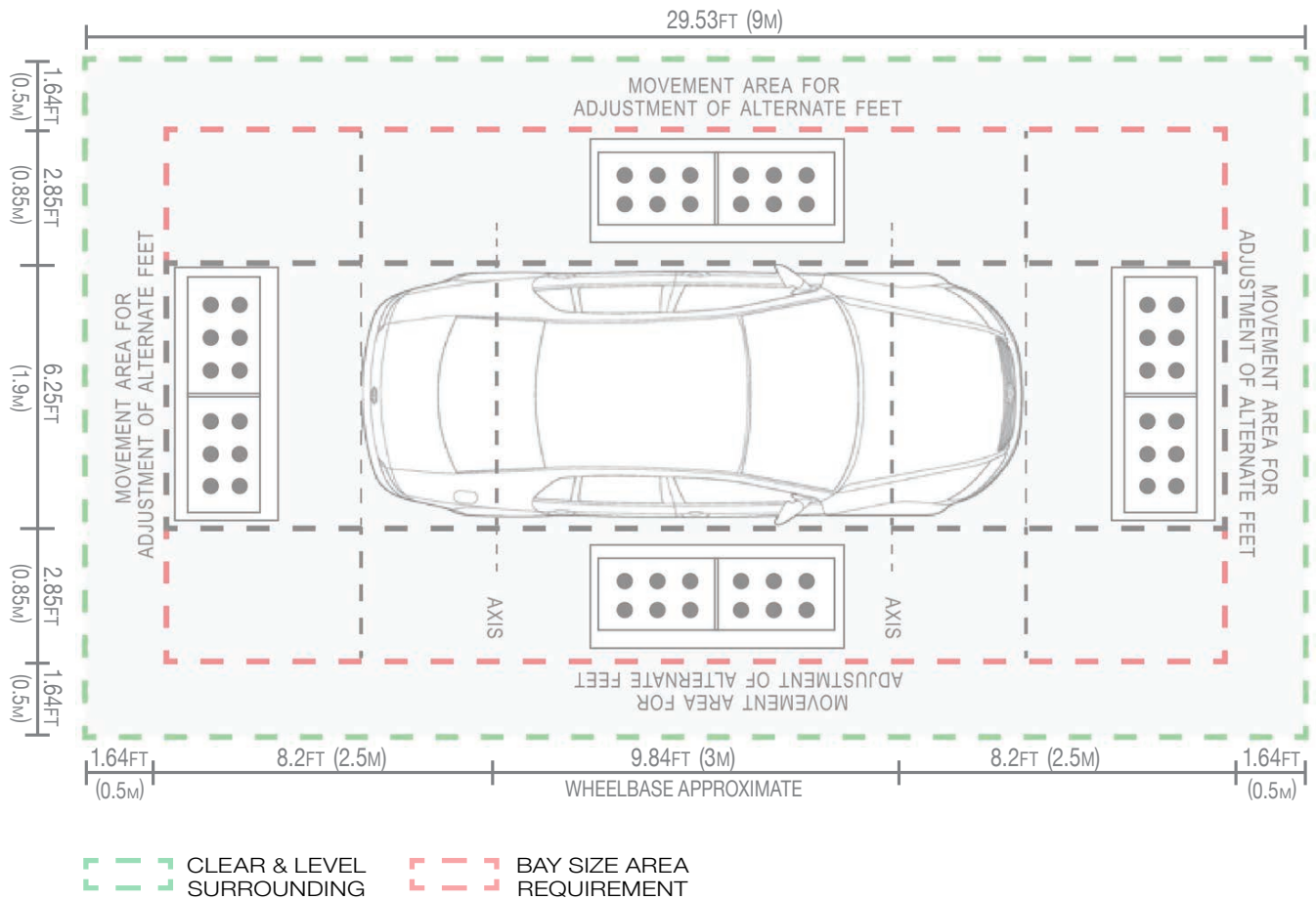


Mazda
CSC0601_13

ADAS WORKING AREA

CALIBRATION SHOP REQUIREMENTS

- Work area must be free of obstructions & shadows
- Some calibrations require a bright background



CAMERA & SENSOR CALIBRATION

FIXED / STATIONARY



- OE-Preferred Method for Camera Sensor Calibration
- Radar Sensors Require A Stationary Adjustment & Dynamic Procedure to Complete

MOBILE / DYNAMIC

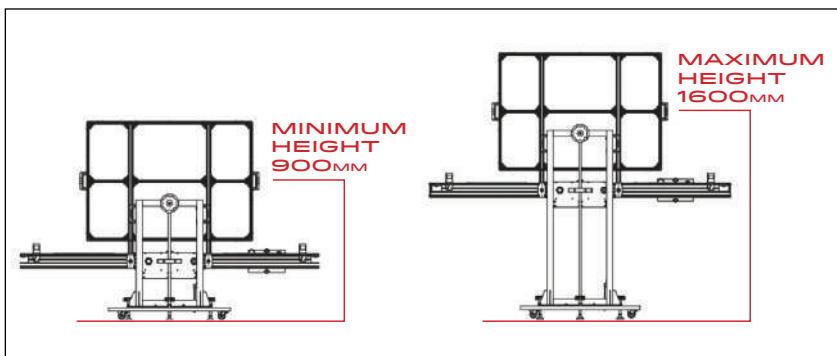
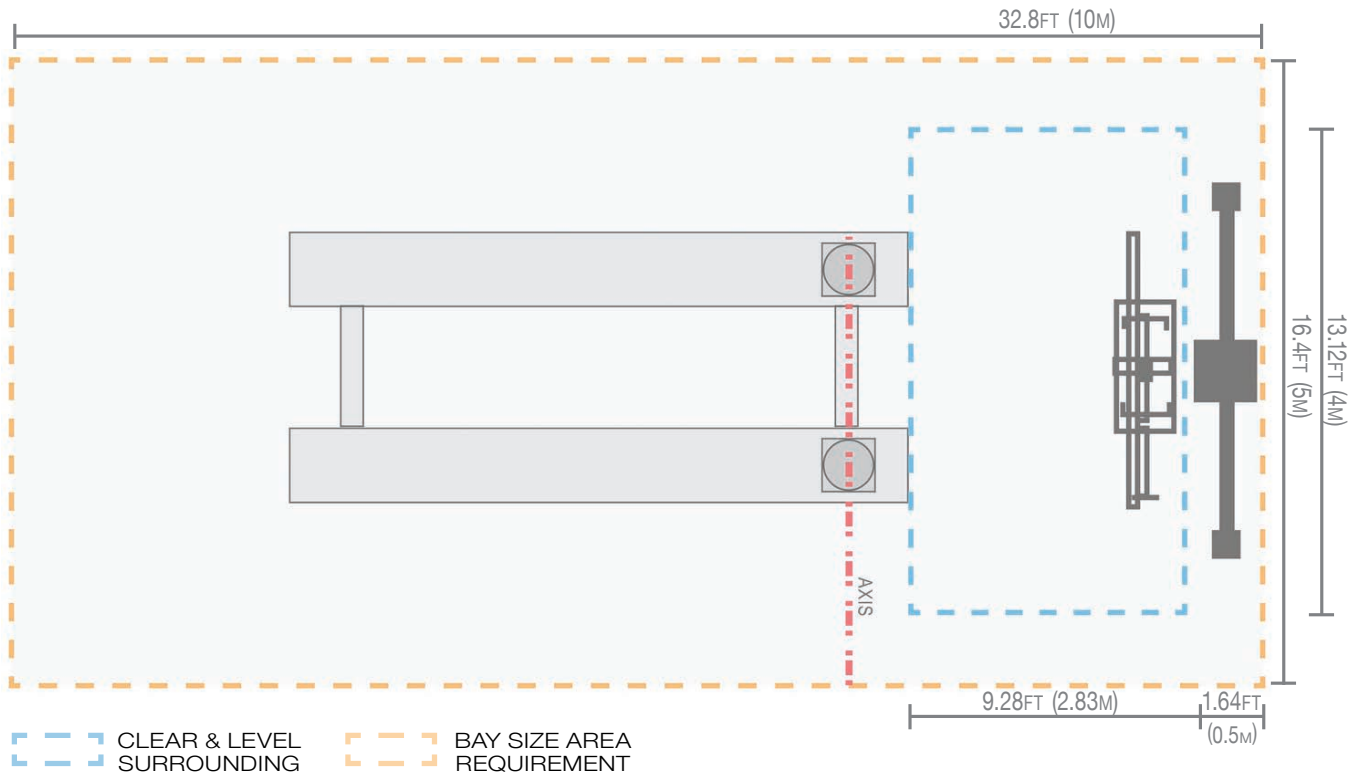
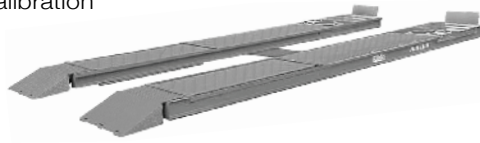


- Does Not Require A Target
- Requires a Scan Tool To Initiate Learning Process
- Test Drive With Straight and Clear Lane Markings
- Scan Tool Will Provide OE Specified Parameters

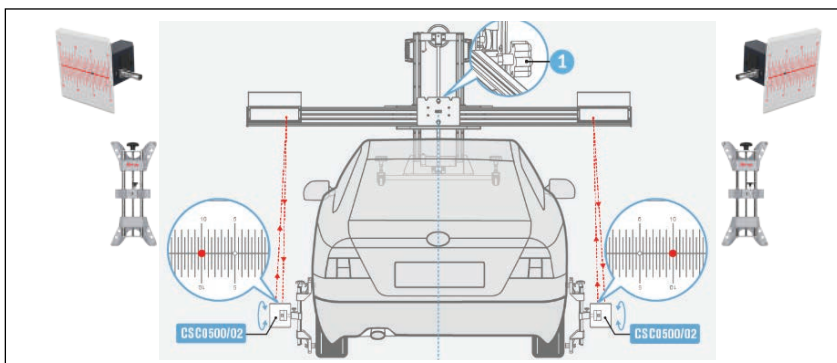
ADAS LEVEL AREA

CALIBRATION SURFACE REQUIREMENTS

- Level Surface Required for Proper Calibration
- Alignment Lift Can Be Used To Level
- On-tool Instructions



- The Autel calibration frame is compatible with vehicle leveling lifts by offering taller max height.
- Motorized lift quickly raise and lowers crossbar & pattern board to meet vehicle.



- Alignment is required to calibrate OE Specified vehicle thrust angle prior to ADAS calibrations.
- Autel wheel clamps attached to rim for precise laser leveling. This ensures lowest degree of deviation from the OE specified thrust angle.

ADAS SERVICE Q&A

EXPAND YOUR SHOP SERVICE OFFERINGS

Training options are offered prior to purchase or performing ADAS calibrations

1. Does the MSADAS tablet provide other scan tool functions in addition to ADAS calibration?

- a. Yes, the MSADAS tablet provides the same diagnostic & maintenance services as the MS908SP, including Pre/Post Scanning

2. Can I purchase just the ADASUPGRADE without the calibration frame to perform ADAS calibration procedures?

- a. No, the ADAS software needs to be bound to a calibration frame with the frame serial number in order to be activated.

3. Can I activate multiple ADAS-capable tablets with one calibration frame?

- a. No, the frame and ADAS software are bound to one another. Only one ADAS-capable tablet per calibration frame.

4. Which vehicle actions require ADAS system diagnostics or ADAS sensor calibration?

- a. Sensor replacement, accident repair, wheel alignment, ride height adjustment, windshield replacement, and diagnostic service.

5. What is the easiest way to check the vehicle to confirm which ADAS modules are active?

- a. A Pre-SCAN procedure displays a list of all modules in all vehicle systems. An ADAS icon will display next to active ADAS modules.

6. How do I know what patterns and calibration procedures to use?

- a. The MaxiSYS software reads vehicle information from AutoVIN to provides model-specific, step-by-step calibration instructions.

7. How do I know if the ADAS recalibration was successful?

- a. A Post-SCAN will confirm if the module DTCs are cleared. ADAS calibration will not complete if the steps were not followed correctly.

8. What vehicle preparation is required before performing calibration procedures?

- Close all vehicle doors / All coolants & engine oil are at recommended levels / Gas tank should be full
- Vehicle should be clear of cargo and passengers / Adjust tire pressure to the recommended value
- Plug in the wireless VCI to the vehicle DLC port then pair with MaxiSYS.
- Follow the MaxiSys ADAS software instructions. Accurate preparation measures vary by vehicle and system.

9. Does the calibration frame require assembly?

- a. Yes, frame assembly is a simple 20-25 minute process. Graphic instruction and standard screws are included.

10. What are the different types of ADAS calibrations and are they brand specific?

- Two types of calibrations are Stationary and Dynamic. The types used depends upon the vehicle and needed procedure.
- Stationary calibrations are completed in a shop environment and requires the use of targets or patterns to complete.
- Dynamic calibrations require the vehicle be driven on a road with well maintained markings for a determined time.

12. Which ADAS calibration package should I purchase and can I later add new individual targets or calibration tools to my system?

- a. Yes, after the calibration frame and ADAS calibration software setup, you can individually purchase and add to your system.
- b. LDW, LKA (forward looking only) - You need the LDW kit (LDWPACKAGE1) or LDW new coverage (LDWPACKAGE2)
- c. AVM, RCW, RCA (around view / 360 view / rear looking) - You need the Complete Kit (ADASCOMPLETE)
- d. Night Vision, Radar (includes Blind Spot etc.) - Also in the Complete Kit (ADASCOMPLETE)
- e. The MaxiSYS tablet and LDW new coverage are included - You need the Advanced Kit (ADASADVANCED)

ADAS SETUP

QUICK & EASY FRAME LEVELING

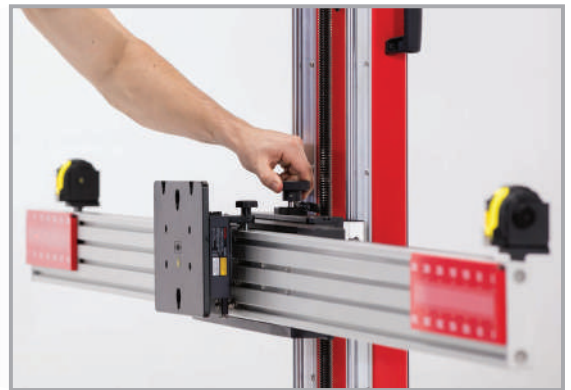


MaxiSYS easy-to-use graphic instruction guides the technician through all the frame positioning stages to center vehicle before calibration procedure.

1



FRAME POSITIONING



2



WHEEL CLAMP SETUP



3



LASER LEVELING FRAME

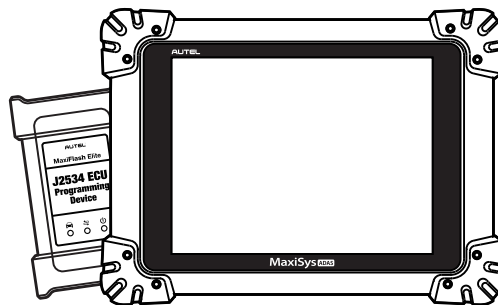


MaxiSYS ADAS Part#

ADASTABLET

PACKING LIST

Calibration Tablet Diagnostic Package



MS908ADAS Main Unit		1pc
MaxiFLASH Elite J2534		1pc
Carrying Case		1pc

ADAS PACKAGE OPTIONS

ADAS PART OPTIONS

PART#	LDWPACKAGE	ADASCOMPLETE	ADASADVANCED
ADASTABLET			X
ADASFRAMESP	X	X	X
LDWTARGET1	X	X	X
LDWTARGET2			X
ADASCAL1		X	X
FORD OVERSIZE PATTERN			
VOLKSWAGEN OVERSIZE PATTERN			
PORSCHE OVERSIZE PATTERN			

IN-PERSON
TRAINING
COURSES
AVAILABLE



YouTube

TRAINING
VIDEOS

@AutelTools



SALESOFFICE.EU@AUTEL.COM SUPPORT.EU@AUTEL.COM WWW.AUTEL.EU

YouTube @AUTELTOOLS

f @AUTEL_EUROPE



© 2020 AUTEL INTELLIGENT TECHNOLOGY EUROPE, GMBH, ALL RIGHTS RESERVED

AUTEL