

AUTEL

MAXISYS™

ADAS

ADVANCED DRIVER ASSISTANCE SYSTEM

CALIBRATION

ADAS CALIBRATION TOOL PACKAGES

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



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

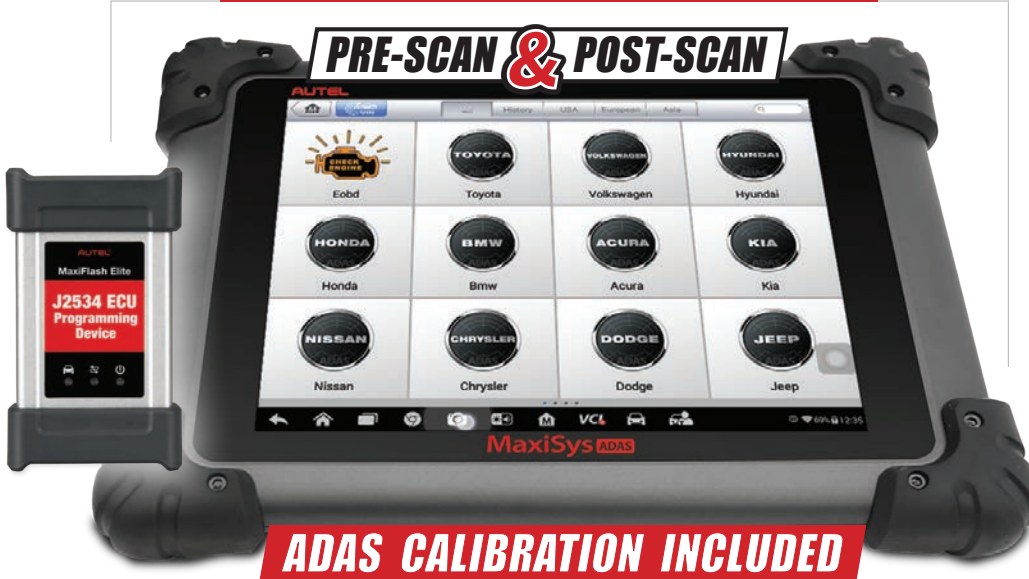


ADAS SOFTWARE

PRECISE CALIBRATION PROCEDURES

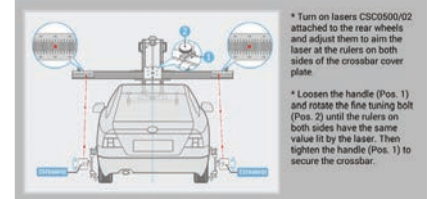
Updates provide the newest OE level vehicle coverage and graphic instruction procedures

PART# ADASTABLET



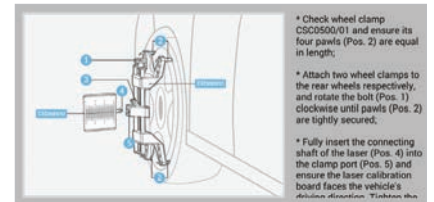
COLLISION REPAIR READY SOFTWARE PACKAGE

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



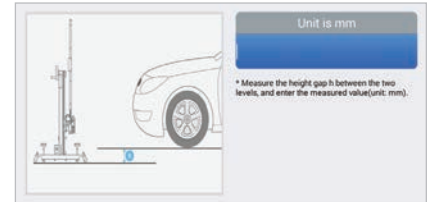
* Turn on lasers CSC0500/02 attached to the rear wheels and adjust them to aim the laser at the rulers on both sides of the crossbar cover plate.
* Loosen the handle (Pos. 1) and rotate the fine tuning bolt (Pos. 2) until the rulers on both sides have the same value lit by the laser. Then tighten the handle (Pos. 1) to secure the crossbar.

Easy step-by-step instructions



* 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 port (Pos. 5) and ensure the laser calibration board faces the vehicle's *Autel* Alignment Trackbar.

User-friendly Android software



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

Alignment rack compatible with height adjustment

ADAS CALIBRATION APPLICATION

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

PART# ADASUPGRADE

ONE TIME UPGRADE PURCHASE FOR ADAS CALIBRATION



Autel Calibration Frame & Active MaxiSYS Update Subscription are Required



ADAS REPAIR-READY

COLLISION SOFTWARE FEATURES

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

NOW AVAILABLE ON THE
MS908SP, MS908S, MS908 ELITE, MS908CV, MS908P & MS908



AUTEL MAXISYS™ **PRE-SCAN & POST-SCAN**

CREATE EFFICIENT REPAIR PLAN FROM THE START

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



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



CODING & ADAPTATIONS

PASS-THRU PROGRAMMING

MAINTENANCE



SERVICE & RESETS

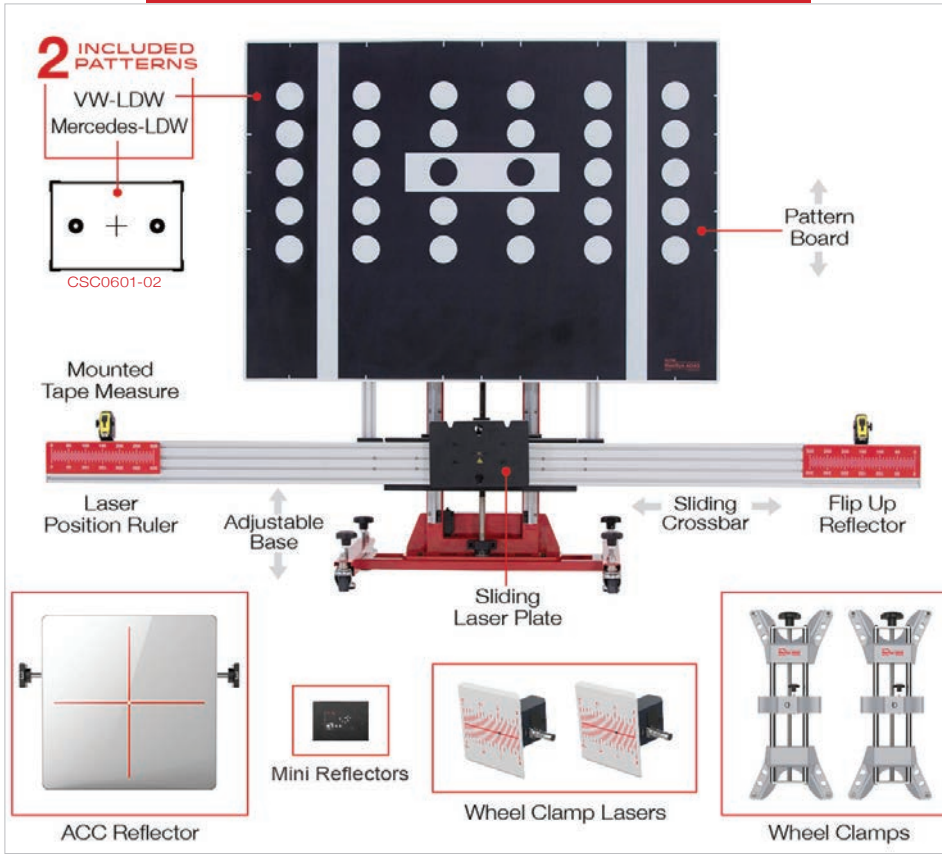


ADAS FRAME

ADJUSTABLE CALIBRATION SYSTEM

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

PART# ADASFRAMESP



Move securely by wheels and pulleys



Adjust crossbar at precise angles



Reach millimeter accuracy by rulers and laser positioning.

AVM OVERSIZE PATTERNS EACH SOLD SEPARATELY

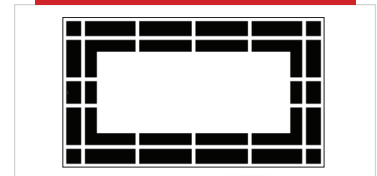
FORD CSC1004-05



VOLKSWAGEN CSC1004-01



PORSCHE CSC1004-07



ADAS UPGRADES

CALIBRATION UPGRADE PACKAGES

Package upgrades to expand vehicle coverage and system calibration options.

PART# LDWTARGET1

<p>Honda-LDW CSC0601-05</p>	<p>Hyundai/Kia-LDW CSC0601-09</p>	<p>Mercedes-LDW CSC0601-02</p>	<p>Toyota-LDW CSC0601-15</p>	<p>Toyota / Lexus-LDW CSC0601-11</p>	
<p>Honda-LDW CSC0601-08-L</p>	<p>Honda-LDW CSC0601-08-R</p>	<p>Nissan-LDW CSC0601-03-L</p>	<p>Nissan-LDW CSC0601-03-R</p>	<p>Nissan / Infiniti-LDW CSC0601-06-L</p>	<p>Nissan / Infiniti-LDW CSC0601-06-R</p>
<p>Kia / Hyundai / Fiat / Jeep-LDW PATTERN CSC0601-07</p>		<p>Target Board Holder 0600-22</p> <p>UNIT INCLUDED FOR CALIBRATION FRAME MOUNTING</p>			

PART# LDWTARGET2

<p>Subaru CSC0601_14</p>	<p>Mercedes CSC0601_19</p>	<p>Mazda CSC0601_12</p>	<p>Mazda CSC0601_13</p>	<p>Nissan CSC0601_04</p>	<p>Mitsubishi CSC0601_22</p>
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PART# ADASCAL1

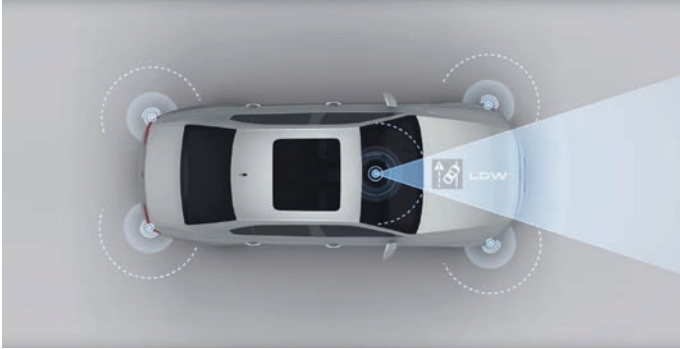
<p>Cadillac-AVM CSC1004-06</p> <p>AMERICAN</p>	<p>Honda-AVM CSC1004-02</p>	<p>Honda-AVM CSC1004-03</p> <p>ASIAN</p>	<p>VW-AVM CSC0804-01</p>	<p>Mercedes-RCW CSC1006-01</p>	
	<p>Nissan-RCW CSC1006-03</p>		<p>VW-RCW CSC0806-01</p> <p>EUROPEAN</p>		
<p>Center Axis Laser 0500-04</p> <p>AVM - LDW - RCW</p> <p>CENTER AXIS LASER</p>	<p>Radar Calibration Plate 0602-02</p>	<p>Radar Calibration Box 0605-01</p>	<p>Corner Reflector 0802-01</p>	<p>Night Vision Calibration Box 0603-01</p>	<p>Night Vision Calibrator 0803-01</p> <p>NIGHT VISION</p>

ADAS PACKAGES

LDW PACKAGE VS. ADAS COMPLETE

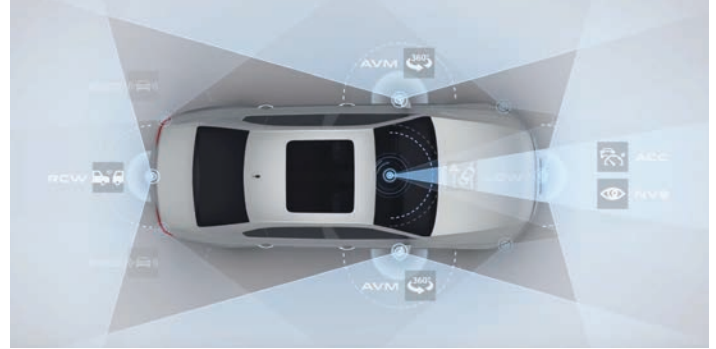
Visual comparison of two package options that include calibration frame.

PART# LDW PACKAGE



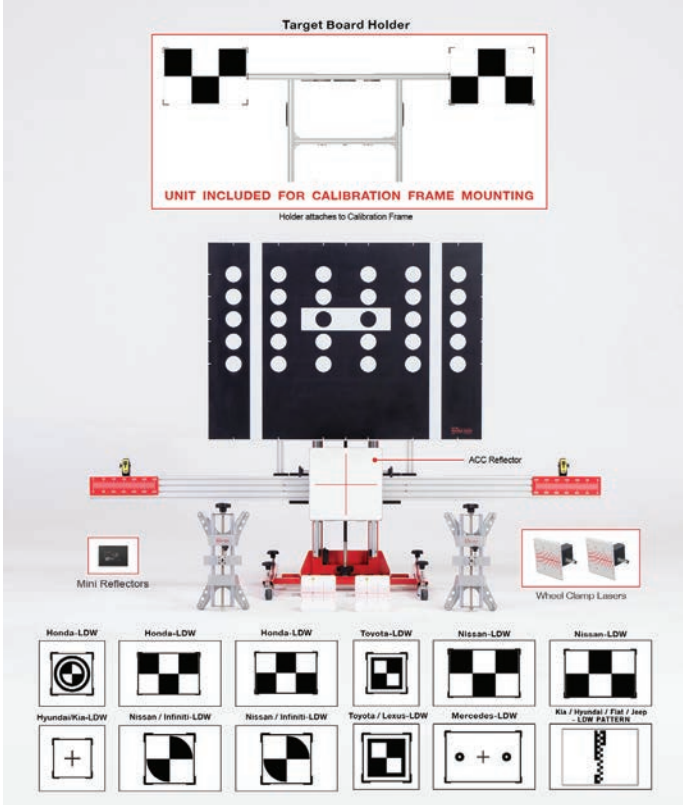
Lane Departure Warning Targets

PART# ADAS COMPLETE



AVM - RCW - BSD - NV Calibration

LDW CALIBRATION PACKAGE

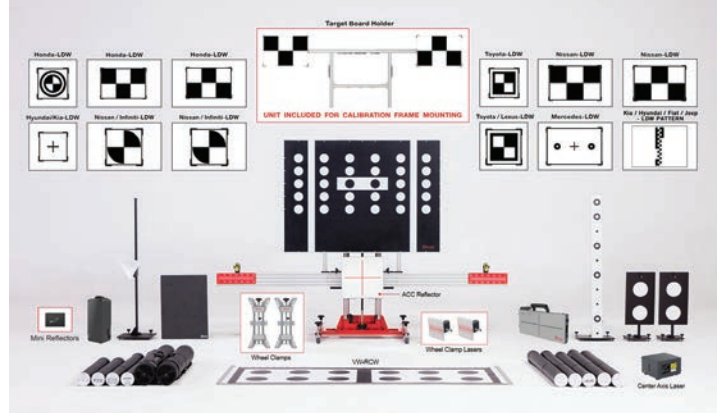


PASSIVE FEATURE

ACTIVE FEATURE

LDW		LANE DEPARTURE WARNING	LANE KEEPING ASSIST
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COMPLETE CALIBRATION PACKAGE



PASSIVE FEATURE

ACTIVE FEATURE

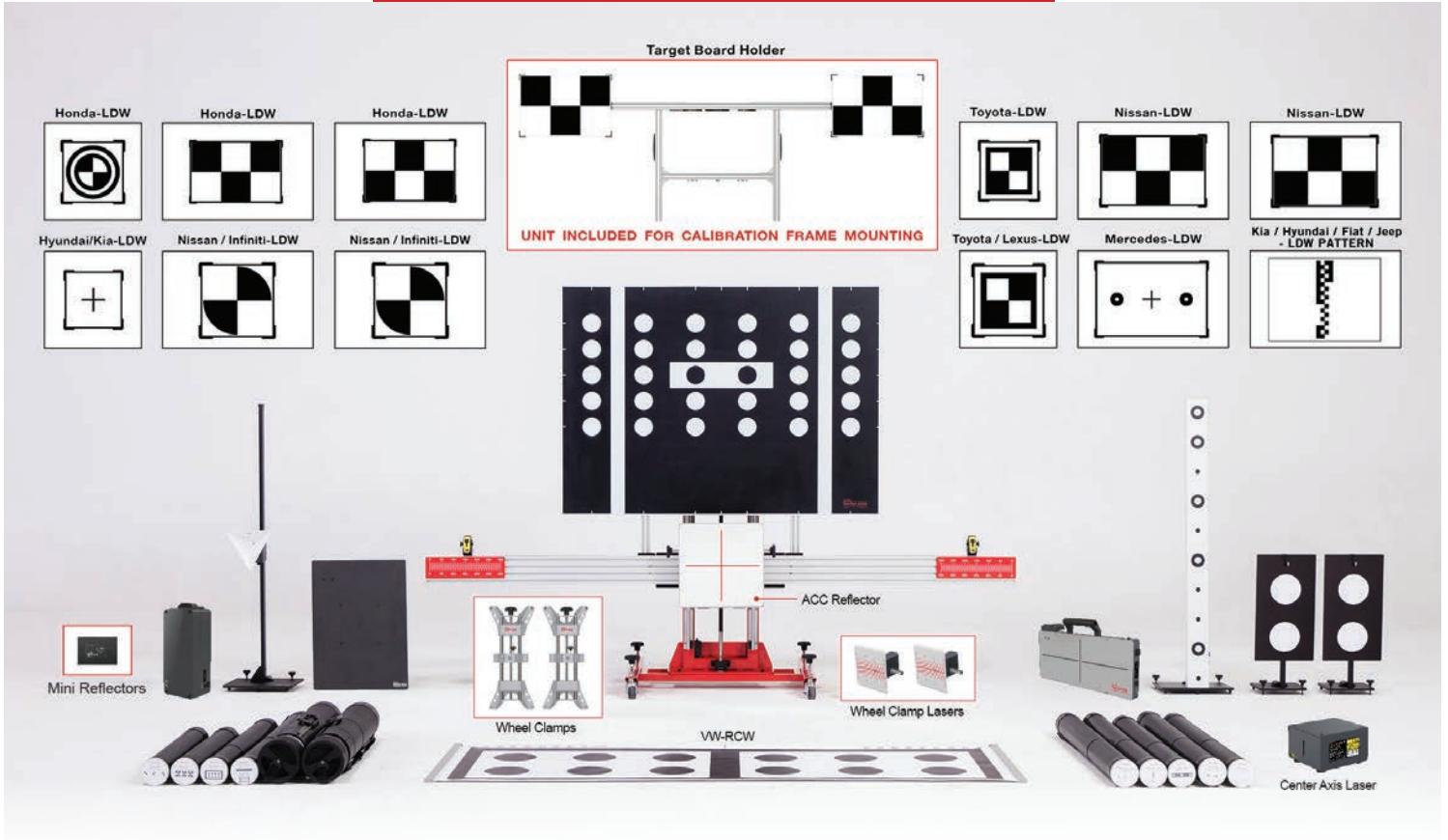
LDW		LANE DEPARTURE WARNING	LANE KEEPING ASSIST
ACC		ADAPTIVE CRUISE CONTROL	COLLISION AVOIDANCE SYSTEM
RCW		REAR COLLISION WARNING	PARKING ASSIST
BSD		BLIND SPOT DETECTION	BLIND SPOT INTERVENTION
AVM		AROUND VIEW MONITORING	AUTOMATIC PARKING
NVS		NIGHT VISION SYSTEM	NIGHT VISION ASSIST

ADAS ADVANCED

PROFESSIONAL STARTER PACKAGE

Advanced package includes MaxiSYS tablet and newest vehicle coverage targets.

PART# ADASADVANCED

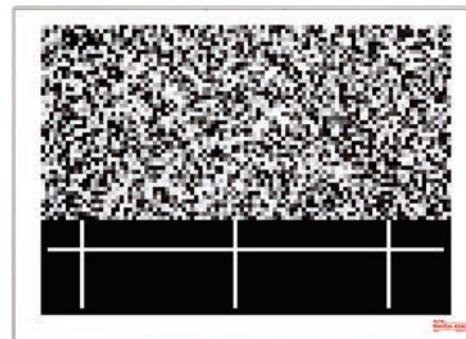


ADASTABLET + ADASCOMPLETE + LDWTARGET2



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

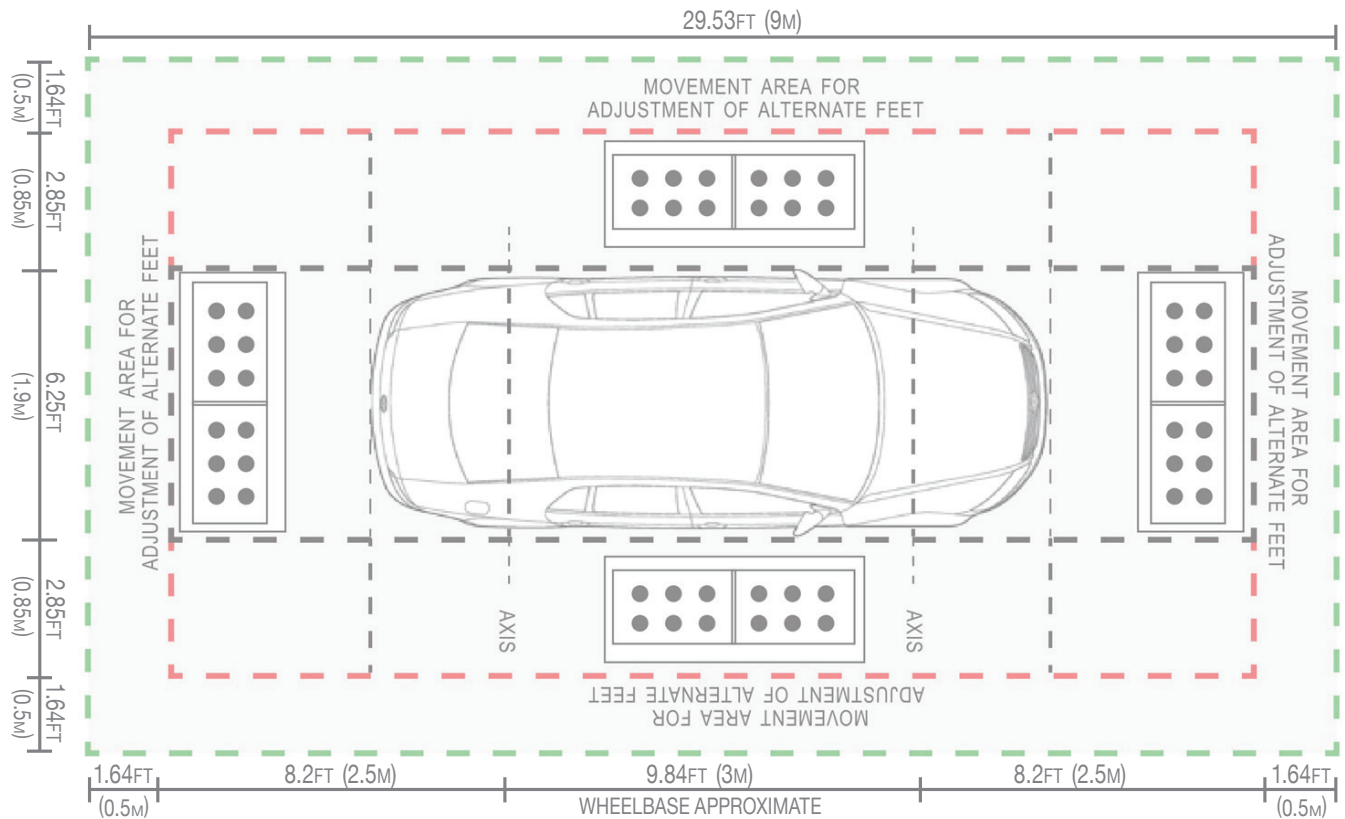
Subaru CSC0601_14



ADAS WORKING AREA

CALIBRATION SHOP REQUIREMENTS

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



- CLEAR & LEVEL SURROUNDING
- BAY SIZE AREA REQUIREMENT
- *LARGER VEHICLES MAY REQUIRE A MINIMUM OF 20FT X 40FT

CAMERA & SENSOR CALIBRATION

FIXED / STATIONARY



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

MOBILE / DYNAMIC

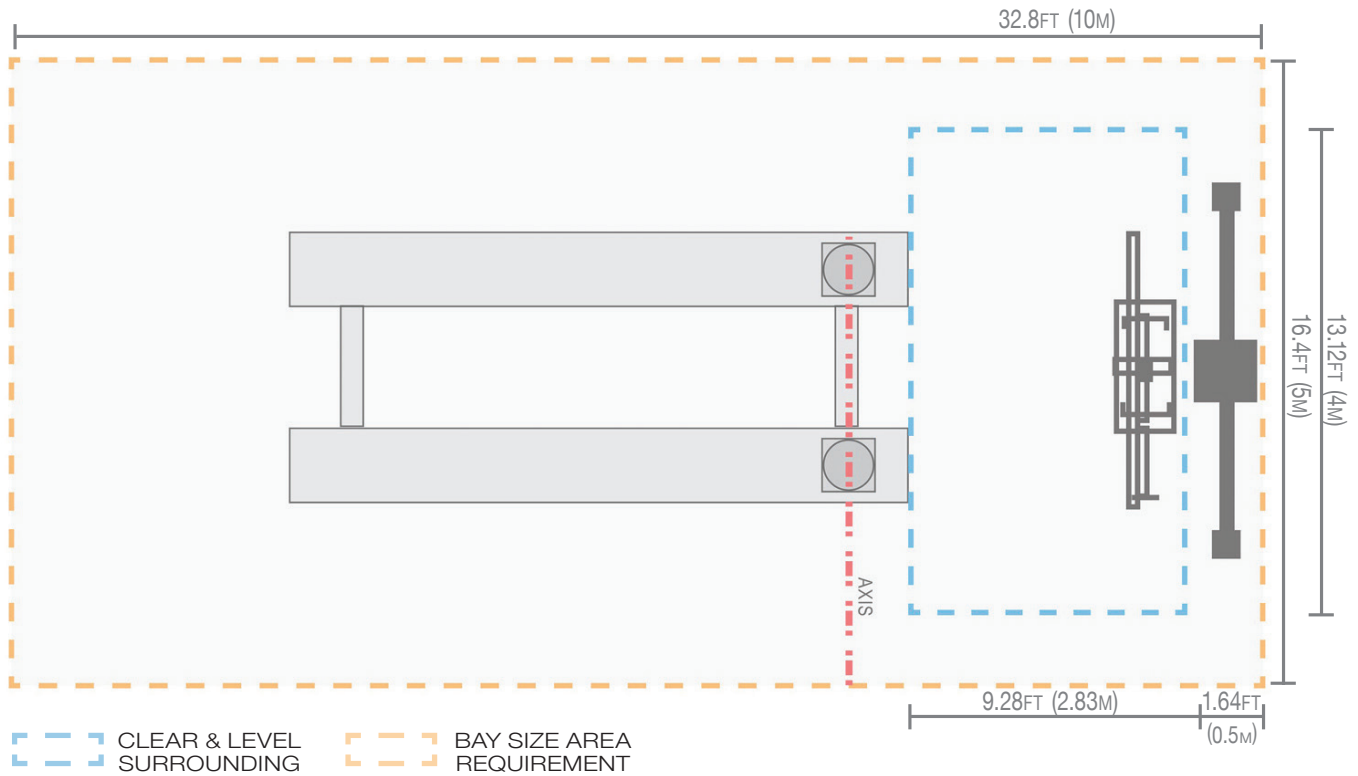


- Does Not Require A Target
- Requires a Scan Tool To Initiate Learning Process
- Test Drive With Straight and Clear Lane Markings
- Scan Tool Will Provide OE Specified Parameters

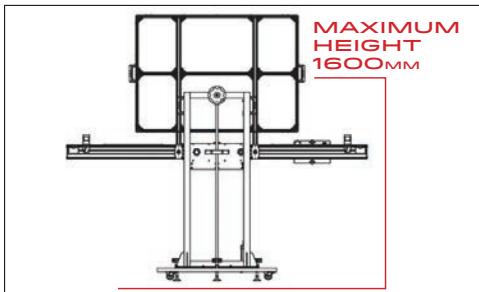
ADAS LEVEL AREA

CALIBRATION SURFACE REQUIREMENTS

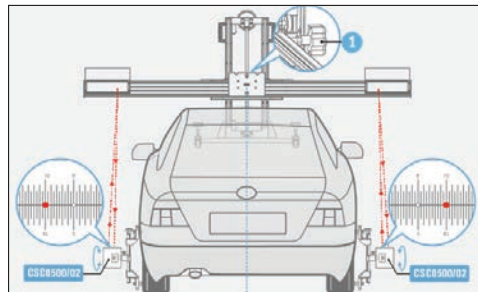
- Level Surface Required for Proper Calibration
- Alignment Lift Can Be Used To Level
- On-tool Instructions



FRAME ALIGNMENTS & COMPATIBILITY



- 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.



- Compatible with Hunter Engineering, Atlas Equipment, Ravaglioli, Rotary and CEMB wheel alignment systems.

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. Yes, however the frame is required to perform most of the calibration procedures. Autel ADAS software is not compatible with other brands of calibration frames.
- 3. Can I activate multiple ADAS-capable tablets with one calibration frame?**
 - a. Yes, ADAS users can now use multiple tablets with the same frame. The MaxiSYS tablets compatible with the standard frame include the MS908, MS908P, MS908S, MS908SP, MSELITE and MSADAS. All mentioned tablets require a one-time purchase ADAS Upgrade subscription, except the MSADAS.
- 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)

CALCULATE SERVICE PROFITS

ADAS is active on 2015 vehicle models and newer.

COST / COMPENSATION / CYCLE TIME

	DEALER	MOBILE	REMOTE	IN-SHOP TOOL
COST TO SHOP	\$275	\$200	\$150	---
INSURER COST	\$300	\$300	\$300	\$300
CYCLE TIME	2 DAYS	1 DAY	2 HOURS	1/2 HOUR

- Insurance companies are typically paying between \$200 and \$300 for each ADAS calibration.
- Insurance companies pay between \$100 and \$150 for each Pre-SCAN and Post-SCAN report.

ADAS SETUP

QUICK & EASY FRAME LEVELING

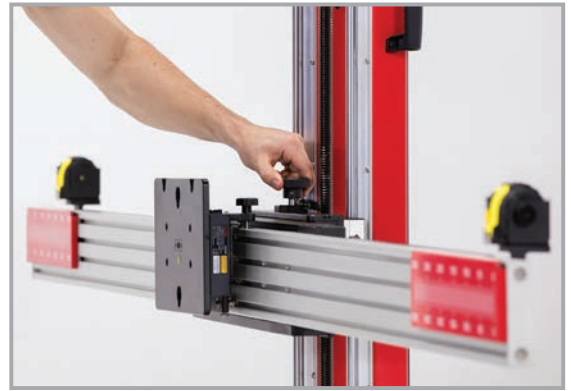


MaxiSYS easy-to-use graphic instruction guides the technician through all the frame positioning stages to center vehicle before calibration procedure.

1



FRAME POSITIONING



2



WHEEL CLAMP SETUP



3



LASER LEVELING FRAME

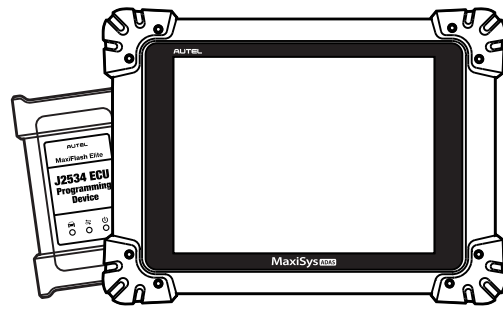


MaxiSYS ADAS Part#

ADASTABLET

PACKING LIST

Calibration Tablet Diagnostic Package



MS908ADAS Main Unit	
	1pc

MaxiFLASH Elite J2534	
	1pc

Carrying Case	
	1pc

AUTEL UPDATES PROVIDE LATEST OE COVERAGE REGISTER AND UPDATE TOOLS AFTER PURCHASE

1 YEAR FREE SOFTWARE

ADAS PACKAGE OPTIONS

ADAS PART OPTIONS	PART#	LDWPACKAGE	ADASCOMPLETE	ADASADVANCED
		ADASTABLET		
	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

AUTEL TRAINING ACADEMY

YouTube TRAINING VIDEOS

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