

AUTEL

MAXISYS™

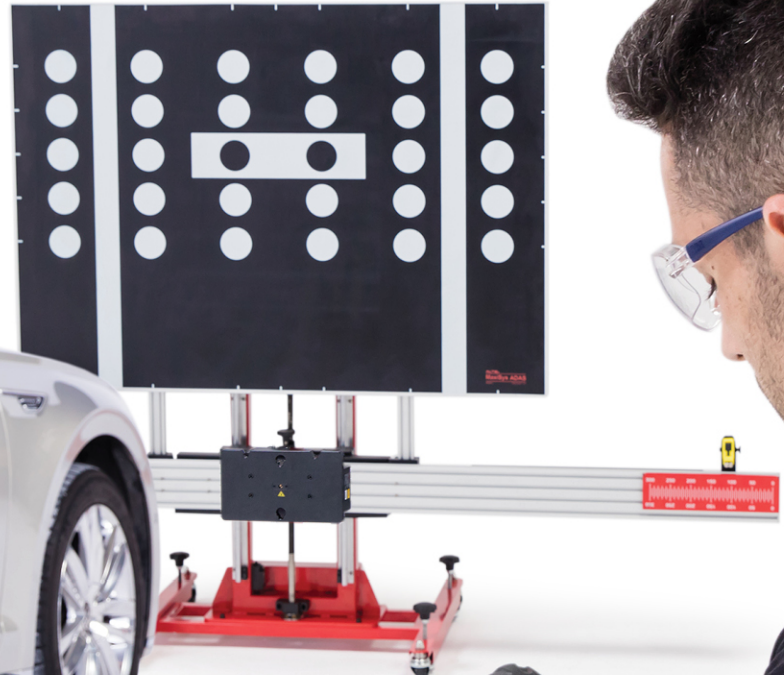
ADAS

ADVANCED DRIVER ASSISTANCE SYSTEM

CALIBRATION TOOL PACKAGE

ADJUSTABLE CALIBRATION FRAME

Ideal for collision repair, glass replacement and repair shop use.
Calibration for camera, radar, lidar and night vision based systems.



Frequently update MaxiSYS software to provide newest model OE level coverage.



OE level calibration with graphic instruction is easier to use than OE interface.



FLEXIBLE | PRECISE | COMPLETE

Easily Interchangeable Calibration Components with Power Adjustable Frame

Secure Knob Movement with Laser Positioning for Accuracy of Millimeter Ruler

Exceptional Vehicle Coverage and Graphic Instruction for Accurate Calibration Procedures



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ADAS CALIBRATION TOOLS PATENT PENDING



ADAS PACKAGE

ADJUSTABLE CALIBRATION FRAME

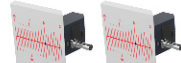
- The Standard package calibration frame includes all parts shown, to provide the modular tool setup needed to complete standard ADAS calibrations.
- Easily adjustable calibration frame to ensure vehicle is correctly positioned then assemble interchangeable targets to perform accurate calibrations.

Calibration Frame Standard Package

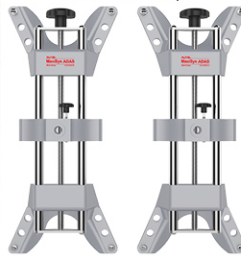
VW-LDW (CSC0601/01) INCLUDED PATTERNS Mercedes-LDW (CSC0601/02)

Precise Laser Measurement

2 Wheel Clamp Lasers



2 Wheel Clamps



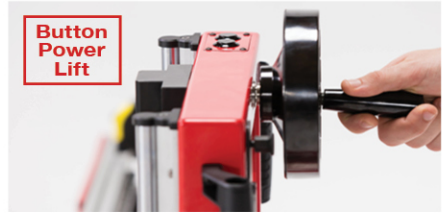
Pattern Board

Mounted Tape Measure



Laser Position Ruler

ACC Reflector



Button Power Lift

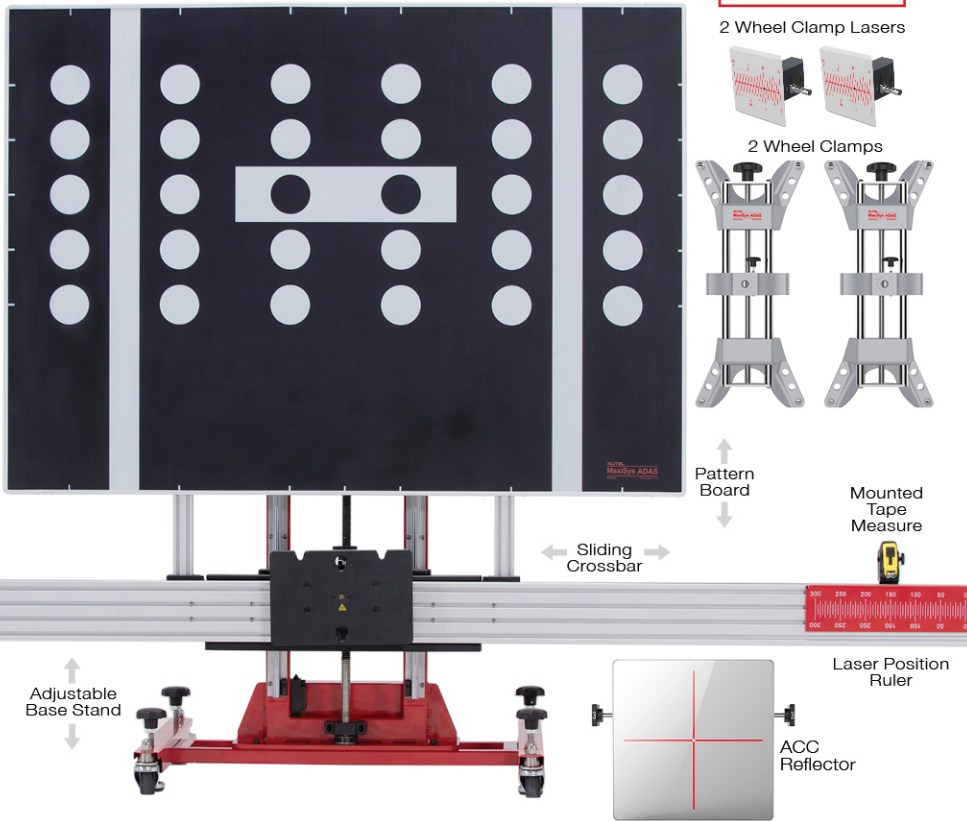
Move securely by wheels and pulleys to level for calibration.



Adjust crossbar height, left-right movement at precise angles.



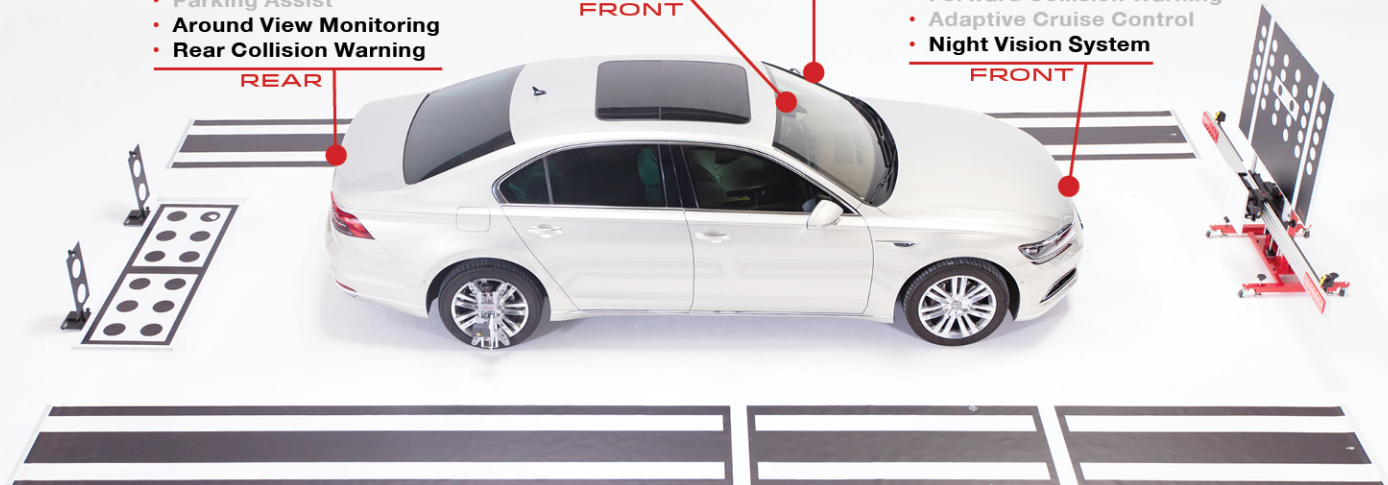
Reach millimeter accuracy by rulers and laser positioning.



MULTIPLE SYSTEM FUNCTIONS

After common repair procedures like bumper or windshield replacement, all sensor systems should be re-calibrated or this collaborative network will fail to operate correctly.

- **Parking Assist**
- **Around View Monitoring**
- **Rear Collision Warning**
- **Lane Keeping Assist**
- **Lane Departure Warning**
- **Blind Spot Detection**
- **Around View Monitoring**
- **Automatic Emergency Brake**
- **Forward Collision Warning**
- **Adaptive Cruise Control**
- **Night Vision System**



ADAS SOFTWARE

PRECISE CALIBRATION PROCEDURES

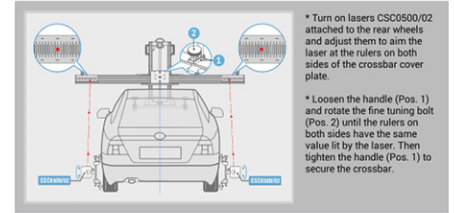
- Autel engineers ensure weekly software updates are available, to provide the newest OE level diagnostics to cover new market developments.
- The MaxiSYS software provides OE level coverage by offering graphic instruction and precise measurements for setup and calibration procedures.



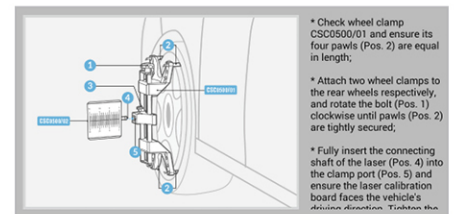
- J2534 Maxiflash Elite for OE Level programming
- Faster 1.3GHz + 1.7GHz hexa-core processor
- AutoVIN / AutoSCAN all modules in all systems



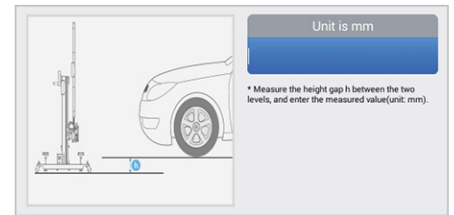
Active MaxiSYS Updates Required Purchase TCP Subscription For Software
 ADAS Calibration Application NOT active if MaxiSYS software updates are expired



Easy to follow tutorial graphics and step by step instructions.



User friendly Android software with easy to use instruction navigation.



Accurate procedure descriptions for alignment lift use instructions.

POWERFUL MAXISYS DIAGNOSTICS

ALL SYSTEMS DIAGNOSTICS
 ADVANCED SERVICE FEATURES
 BI-DIRECTIONAL CODING










ADAS COVERAGE

COMPREHENSIVE & PRECISE CALIBRATION

- When sensing a potentially dangerous situation, the vehicle uses several driver assist systems to warn the driver or take corrective action to prevent collision.
- Vehicles respond with passive warnings or active assists through a collaborative system of sensor input and reactive processing to respond to road hazards.

PASSIVE FEATURE ALERT FOR POTENTIAL PROBLEM

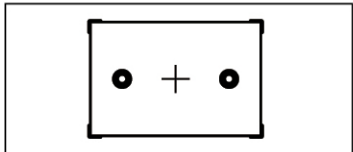
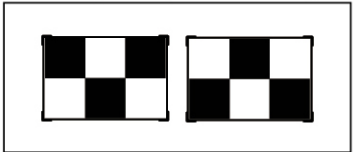
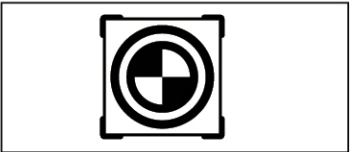
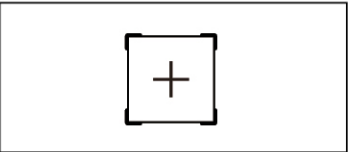
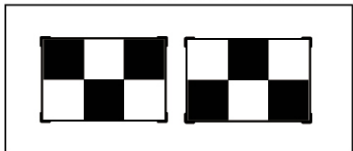
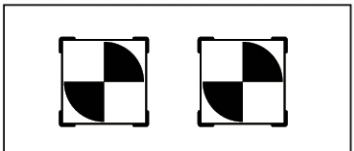


ACTIVE FEATURE AVOID COLLISION BY CONTROL

ACC		ADAPTIVE CRUISE CONTROL	AUTOMATIC EMERGENCY BRAKING
LDW		LANE DEPARTURE WARNING	LANE KEEPING ASSIST
NVS		NIGHT VISION SYSTEM	ADAPTIVE FRONT LIGHTING
BSD		BLIND SPOT DETECTION	BLIND SPOT INTERVENTION
AVM		AROUND VIEW MONITORING	PEDESTRIAN PROTECTION SYSTEM
RCW		REAR COLLISION WARNING	AUTOMATIC PARKING
HUD		HEAD-UP DISPLAY	DRIVER DROWSINESS MONITOR

LDW PACKAGE SET

Glass Replacement shop package set of all LDW calibration patterns and targets needed for windshield replacement. Includes a target board holder for targets.



Mercedes-LDW (CSC0601/02)	Honda-LDW (CSC0601/08-L) Honda-LDW (CSC0601/08-R)	Honda-LDW (CSC0601/05)	Hyundai / KIA-LDW (CSC0601/09)
			
Nissan-LDW (CSC0601/03-L) Nissan-LDW (CSC0601/03-R)	Nissan / Infiniti-LDW (CSC0601/06-L) Nissan / Infiniti-LDW (CSC0601/06-R)	Toyota / Lexus-LDW (CSC0601/11)	Toyota-LDW (CSC0601/15)
			

ADAS CALIBRATION

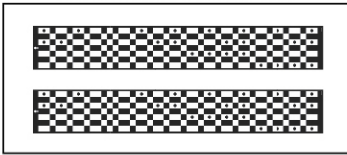
AVM & REAR CAMERA PACKAGE SETS

- The Around View Monitoring pattern package sets are grouped into vehicle manufacturer regions for repair shops to order the wide range of targets for vehicles they normally repair.
- The package sets provide all the 360 Camera and Rear Camera patterns, come in durable containers for secure storage, are made of durable stain resistant material and easily cleaned.

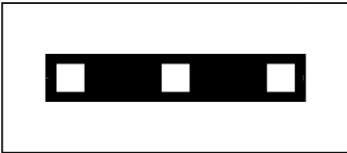


AMERICAN GM / CHEVY / CADILLAC / BUICK JEEP / CHRYSLER / DODGE FORD / LINCOLN

Ford-AVM (CSC1004/05)

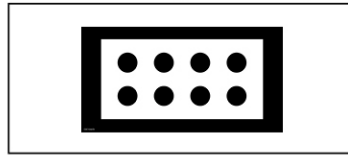


Cadillac-AVM (CSC1004/06)

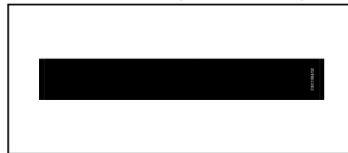


ASIAN NISSAN / ACURA / HONDA TOYOTA / LEXUS / INFINITI / KIA MAZDA / HYUNDAI / SUBARU

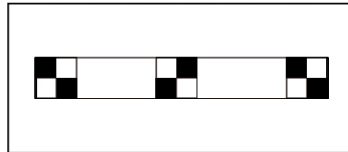
Honda-AVM (CSC1004/03)



Honda-AVM (CSC1004/02)

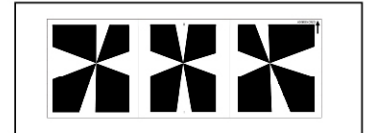


Nissan-RCW (CSC1006/03)

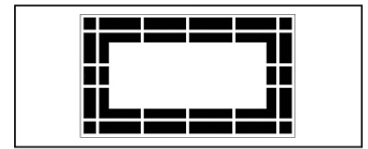


EUROPEAN BENZ / PORSCHE / AUDI / VW BMW / MINI / FIAT VOLVO / JAGUAR / MASERATI

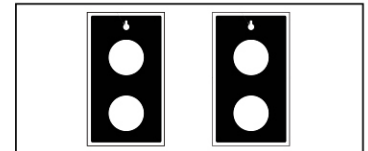
Mercedes-RCW (CSC1006/01)



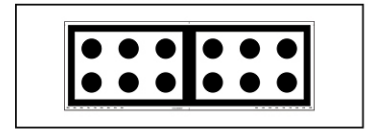
Porsche-AVM (CSC1004/07)



VW-AVM (CSC0804/01)



VW-RCW (CSC0806/01)



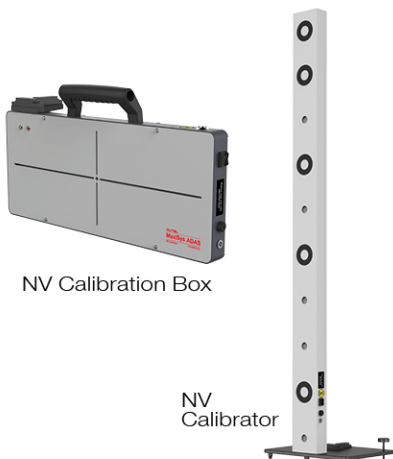
VW-AVM (CSC1004/01)



ACCESSORY TOOL PACKAGES

These accessory tool packages provide shops the complete set of necessary parts to perform precise calibrations on a wider range of other than camera based driver assist systems.

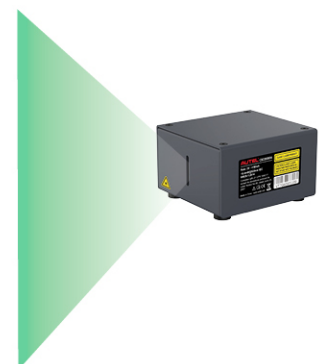
NIGHT VISION CALIBRATION



BLIND SPOT CALIBRATION



LASER CENTER AXIS



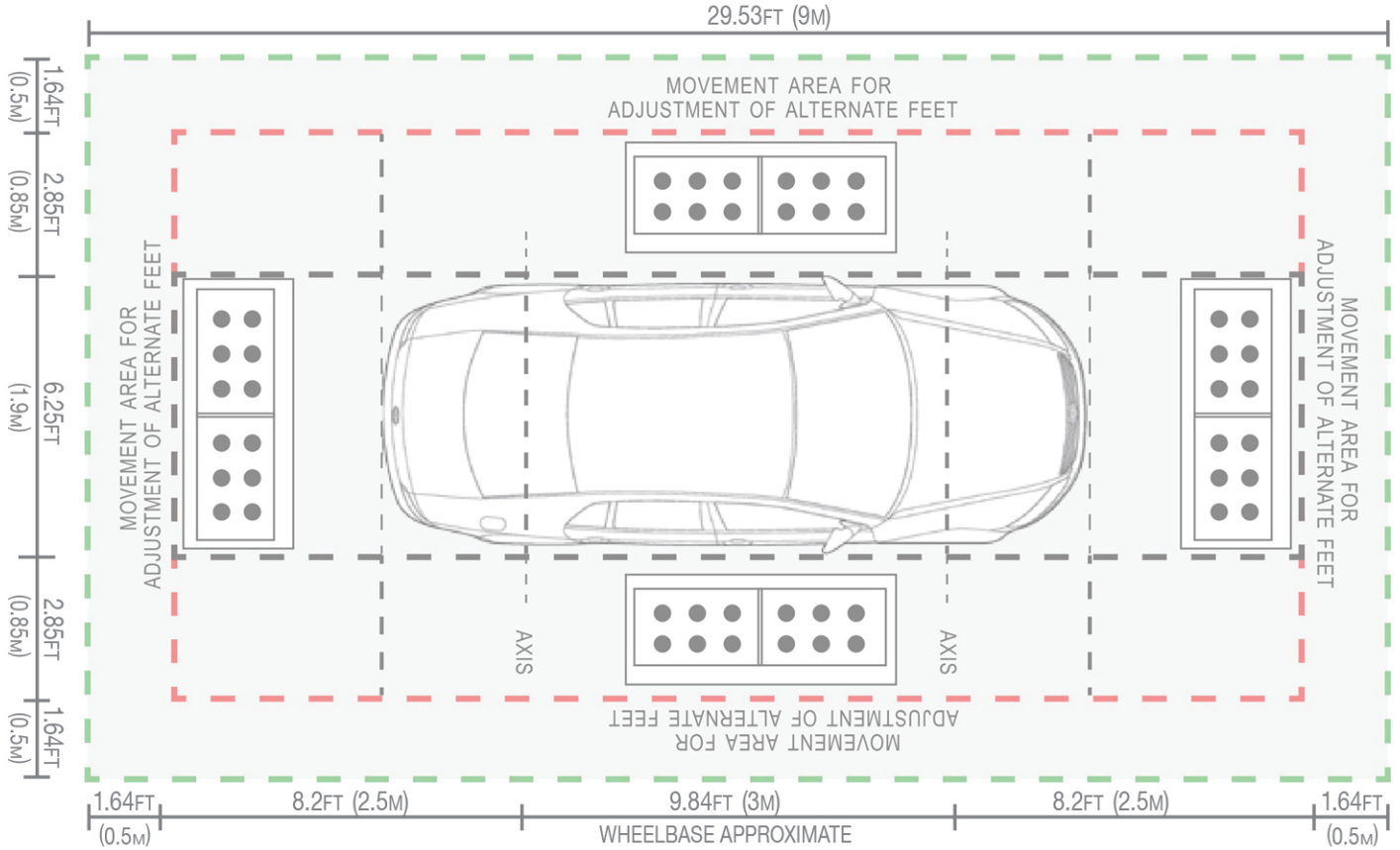
ADAS WORKING AREA

CALIBRATION SHOP REQUIREMENTS

- Perform Calibration Procedures Indoors Without Object Obstructions
- No Exterior Light Sources To Cast Uneven Surface Shadows
- Some Procedures Require Bright Background Light Alignments

 CLEAR & LEVEL SURROUNDING

 BAY SIZE AREA REQUIREMENT



CAMERA & SENSOR CALIBRATION

- Stationary Target and Pattern Calibration is The OE Preferred Method for Camera Sensor Calibration
- Radar Sensors Require A Stationary Adjustment Followed By An On-Road Procedure to Complete

- Mobile Calibration Does Not Require A Target
- Dynamic Calibration Requires a Scan Tool To Initiate A Learning Process To Complete
- Test Drive With Straight and Clear Lane Markings To Allow The Adaptation To Complete
- Scan Tool Will Provide OE Specified Parameters

FIXED / STATIONARY



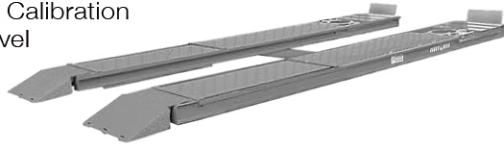
MOBILE / DYNAMIC



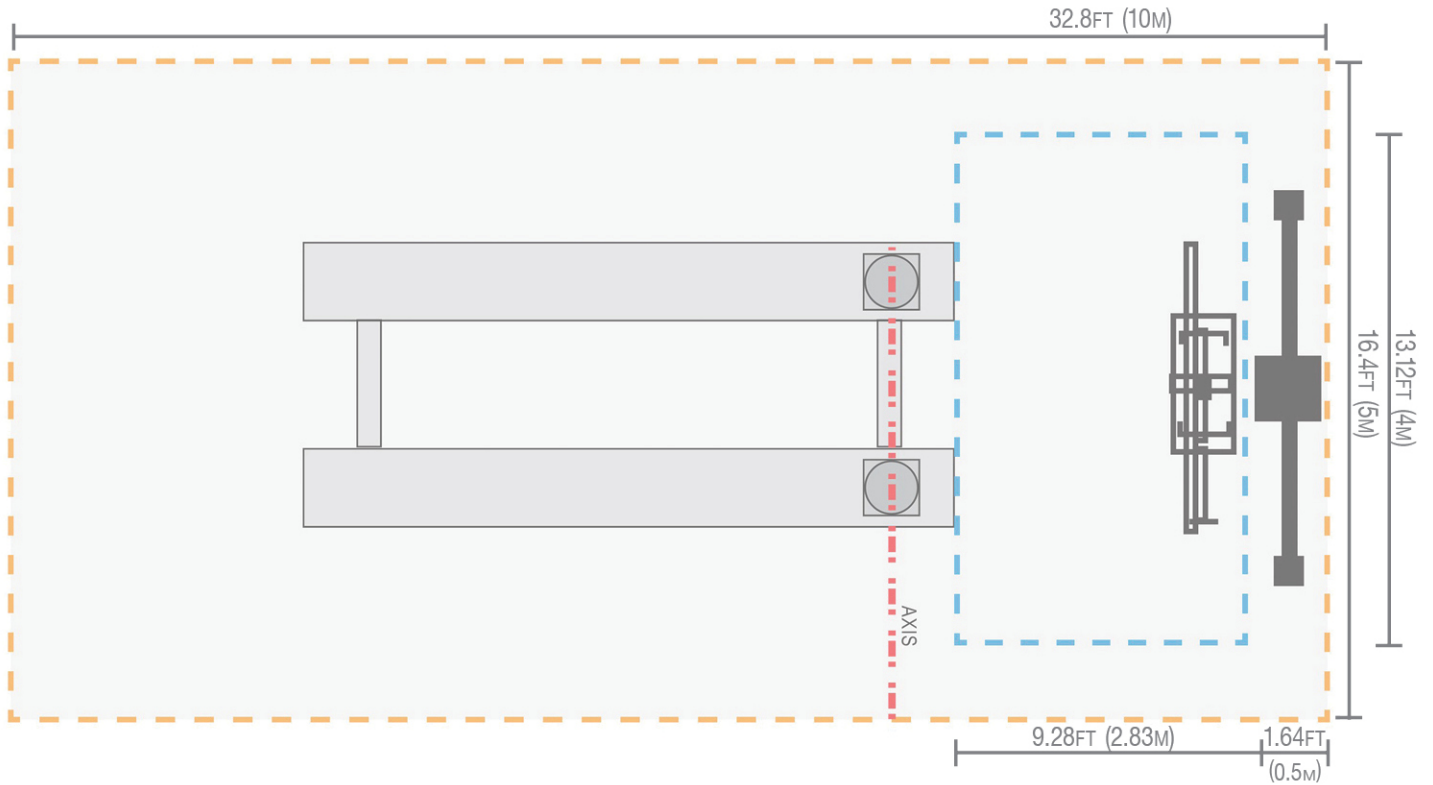
ADAS LEVEL AREA

CALIBRATION SURFACE REQUIREMENTS

- Level Surface Required for Proper Calibration
- Alignment Lift Can Be Used To Level
- Diagnostic Software Instruction

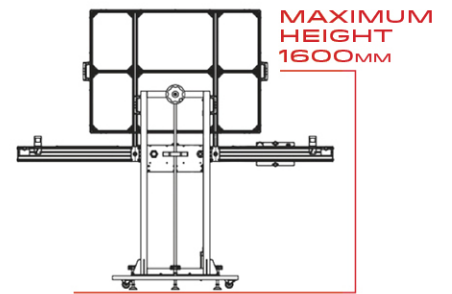
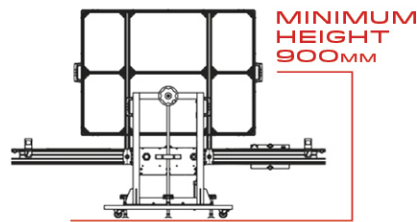


- CLEAR & LEVEL SURROUNDING
- BAY SIZE AREA REQUIREMENT



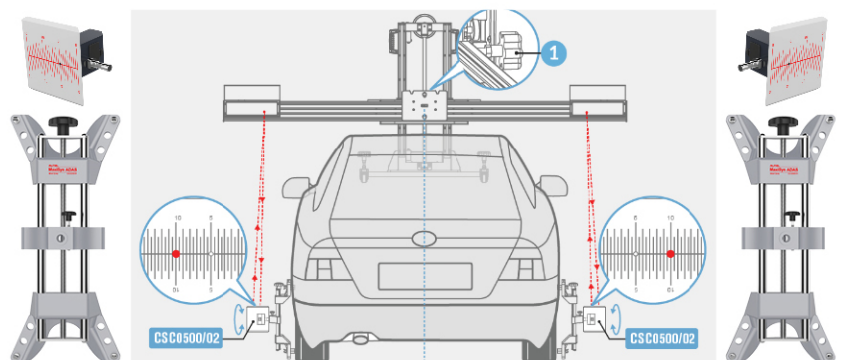
The Autel calibration frame provides compatible use with vehicle leveling lifts by offering a taller than average extended adjustable height. The large automatic screw mechanism quickly raises and lowers the calibration frame pattern board and crossbar to meet the vehicle.

FROM FLOOR TO MIDDLE OF PATTERN BOARD



Alignment procedure required to calibrate OE specified vehicle thrust angle before completing ADAS calibrations.

Autel ADAS calibration frame provides OE equivalent accuracy by wheel clamps attached securely to rim. Precise laser leveling from the Autel wheel clamp ensures the lowest degree of deviation from the OE specified thrust angle.



ADAS SETUP

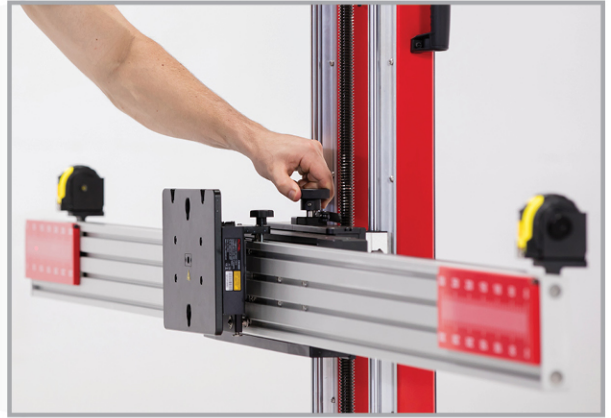
QUICK & EASY LEVELING PROCEDURES

The MaxiSYS software provides easy-to-use graphic instructions to guide the technician through all the frame positioning stages to correctly level and center the vehicle before beginning a calibration procedure.

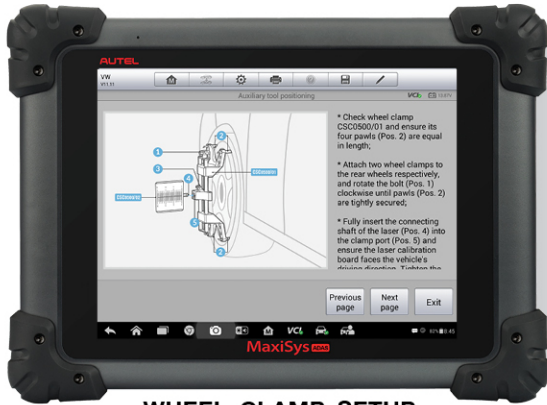
1



FRAME POSITIONING



2



WHEEL CLAMP SETUP



3



LASER LEVELING FRAME



AUTEL TRAINING COURSES AVAILABLE 

AUTEL UPDATES PROVIDE LATEST OE COVERAGE
1 YEAR FREE SOFTWARE
REGISTER AND UPDATE TOOLS AFTER PURCHASE



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