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
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.

- 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.

- The MaxiSYS software provides OE level diagnostics by offering graphic instruction and precise measurements for setup and calibration procedures.

- Accurate procedure descriptions for alignment lift use instructions.

- User friendly Android software with easy to use instruction navigation.

- Easy to follow tutorial graphics and step by step instructions.

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

- All systems diagnostics:
  - Advanced service features
  - Bi-directional coding

- Turn your existing MaxiSYS 908 tablet into an ADAS tablet

- ADAS Calibration Application NOT active if MaxiSYS software updates are expired

- Active MaxiSYS Updates Required

- Purchase TCP Subscription for Software

- Calibration Frame Serial Number is registered to ADAS tablet

- The Autel Calibration Frame must be purchased to use software upgrade
### 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**
- LANE DEPARTURE WARNING
- ADAPTIVE CRUISE CONTROL
- REAR COLLISION WARNING
- BLIND SPOT DETECTION

#### Active Feature
**Avoid Collision by Control**
- LANE KEEPING ASSIST
- COLLISION AVOIDANCE SYSTEM
- PARKING ASSIST
- BLIND SPOT INTERVENTION

#### Accessory Calibration Tools

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.

### 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.

<table>
<thead>
<tr>
<th>Region</th>
<th>Package Sets</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMERICAN</td>
<td>GM / CHEVY / CADILLAC / BUICK JEEP / CHRYSLER / DODGE / FORD / LINCOLN</td>
</tr>
<tr>
<td></td>
<td>Cadillac-AVM (CSC1004/06)</td>
</tr>
<tr>
<td></td>
<td>Honda-AVM (CSC1004/02)</td>
</tr>
<tr>
<td></td>
<td>Nissan-ROW (CSC1006/03)</td>
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<tr>
<td></td>
<td>VW-AVM (CSC0804/01)</td>
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<tr>
<td></td>
<td>Perso-AVM (CSC1004/07)</td>
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<tr>
<td>ASIAN</td>
<td>NISSAN / ACURA / HONDA / TOYOTA / LEXUS / INFINITI / KIA</td>
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<tr>
<td></td>
<td>Mazda / HYUNDA / SUBARU</td>
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<tr>
<td></td>
<td>Mercedes-RCW (CSC1006/01)</td>
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<tr>
<td></td>
<td>VW-RCW-AVM (CSC0806/11)</td>
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<tr>
<td>EUROPEAN</td>
<td>BENZ / PORSCHE / AUDI / VW / BMW / MINI / FIAT VOLVO / JAGUAR / MASERATI</td>
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<tr>
<td></td>
<td>TOYOTA / LEXUS / INFINITI / KIA</td>
</tr>
<tr>
<td></td>
<td>VOLVO / JAGUAR / MASERATI</td>
</tr>
</tbody>
</table>

#### 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 (CSC0601/03)
- Honda-LDW (CSC0601/03-L)
- Honda-LDW (CSC0601/05)
- Toyota-KIA-LDW (CSC0601/09)

- Nissan-LDW (CSC0601/03-L)
- Nissan-LDW (CSC0601/05)
- Nissan-Infini-LDW (CSC0601/06-L)
- Toyota-LDW (CSC0601/11)
- Toyota-LDW (CSC0601/15)
• Frame packages do not include software to perform ADAS calibration.
• Must order MaxiSYS ADAS Tablet or software upgrade separately.

ADAS PACKAGES
READY FOR ADAS CALIBRATION?

- TURN YOUR EXISTING MAXI/SYS RD TABLET INTO AN ADAS TABLET
- Active MaxiSYS Software Updates Required
ADAS Calibration Application NOT active if MaxiSystem software updates are expired

ADAS Calibration Tablet Package
MaxiSYS ADAS Calibration Tablet - Part #MSADAS

ADAS Calibration Application Upgrade
MaxiSYS ADAS Calibration Software Upgrade - Part #MSADASUPGRADE

Frame Standard Package
Includes Calibration Frame Package + LDW Calibration Package

Complete Calibration Package
Includes Calibration Frame Package + LDW Calibration Package

LDW Standard Package
Lane Departure Warning targets - Part #LDRWPACKAGE

Web: www.autel.com    Email: sales@autel.com

4. Which vehicle actions require ADAS system diagnostics or ADAS sensor calibration?
Sensor Replacement / Accident Repair / Wheel Alignment / Windshield Replacement / Diagnostic Service

5. What is the easiest way to check the vehicle to confirm which ADAS modules are active?
a. During the Pre-Scan procedure, the MaxiSYS software will scan all modules in all systems and list on a single screen, than provide visual ADAS icons next to the active ADAS modules. This shows technicians which ADAS systems are active and helps prepare a more detailed repair plan which includes the required ADAS calibration procedures after the repairs are complete.

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

a. The Autel MaxiSYS ADAS Calibration Application software provides graphics step-by-step instructions that are vehicle model specific to confirm the correct patterns are used during the correct calibration procedures. Your MaxiSYS software confirms this information is correct based on the vehicle information confirmed from the AutoCalScan feature, to confirm which active ADAS modules in any vehicle system may need a calibration procedure completed.

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

a. The technician can review the post-calibration scan to confirm if the module DTC is cleared. The ADAS module calibration will not complete if the calibration steps were not followed correctly.

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

• The vehicle coolant and engine oil should be at recommended levels and the gas tank full.
• The vehicle should not be carrying any load (passengers or cargo).
• Adjust the tire pressure to the recommended value.
• Attach the wireless VCI to the vehicle DLC.
• Make sure the MaxiSYS is paired to the VCI, then make sure to close all the vehicle doors.
• Establish communication from the diagnostic tool to the vehicle.
• Follow the MaxiSys ADAS software instructions. Accurate preparation measures vary by vehicle and system.

9. Do I need someone to assemble and or set up the calibration frame?

a. No, the complete assembly is a simple 20-25 minute process. Graphic instruction and standard screws are included.

10. Are training options necessary for working on ADAS calibrations?

a. No, The MaxiSYS software features step by step illustrated instructions for placing the calibration frame and targets.

b. If a customer requests general ADAS training, I-CAR, CTI, and AutoTech have ADAS classes utilizing the Autel tool.

11. If I want to add individual targets or calibration tools later, are they available for purchase?

a. Yes, the specialty fixtures, existing targets and new vehicle coverage targets are available for individual purchase.

12. Depending on which vehicle systems I am concerned with, which ADAS calibration kit should I purchase?

a. LDW, LKA, ACC (forward looking only) - You need the LDW kit (ADAS-ADASCOMPLETE)
b. AHM, RCW, RCA (around view / 360 view / rear looking) - You need the Complete Kit (ADS-ADASCOMPLETE)
c. Night Vision, Radar (includes Blind Spot etc.) - Also in the Complete Kit (ADS-ADASCOMPLETE)

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

Depending on vehicle type, either a Stationary or Dynamic calibration procedure is required (in some vehicle types both are required) to calibrate ADAS sensors to vehicle modules.
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 marked roadways for a determined time.

14. What are insurance companies paying for calibrations?

a. Insurance companies are typically paying between $200 and $300 for each ADAS calibration.
b. The ADAS application also provides the Pre and Post-SCAN features, which insurance companies pay $100-$150 for.
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

ADAS LEVEL AREA
CALIBRATION SURFACE REQUIREMENTS

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

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

FIXED / STATIONARY

MOBILE / DYNAMIC

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.

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.
Visual comparison of the two packages that provide driver assist system calibration coverage and why they are designed for different industry repair shops.

**ADAS COMPARISON**

**WINDSHIELD REPAIR / REPLACEMENT SHOPS**

**LDW CALIBRATION PACKAGE**
Lane Departure Warning Target - Part #LDWPACKAGE

**COLLISION & SPECIALTY REPAIR / WHEEL ALIGNMENT SHOPS**

**COMPLETE CALIBRATION PACKAGE**
AVM - RSC - BSD - NV Calibration - Part #ADASCOMPLETE

**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.
# MaxiSYS ADAS Part# ADASTABLET

## PACKING LIST
Calibration Tablet Diagnostic Package

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
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<tbody>
<tr>
<td>MS908ADAS Main Unit</td>
<td>1 pc</td>
</tr>
<tr>
<td>MaxiFLASH Elite J2534</td>
<td>1 pc</td>
</tr>
<tr>
<td>Carrying Case</td>
<td>1 pc</td>
</tr>
<tr>
<td>Main OBDII Cable</td>
<td>1 pc</td>
</tr>
<tr>
<td>USB Cable</td>
<td>1 pc</td>
</tr>
<tr>
<td>Mini USB Cable</td>
<td>1 pc</td>
</tr>
<tr>
<td>AC/DC Adapter (12v)</td>
<td>1 pc</td>
</tr>
<tr>
<td>ACC Charger &amp; 2 Fuses</td>
<td>1 pc</td>
</tr>
<tr>
<td>Honda-3 Connector</td>
<td>1 pc</td>
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<tr>
<td>Nissan-14 Connector</td>
<td>1 pc</td>
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<tr>
<td>Mitsubishi / Hyundai 12+16</td>
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<tr>
<td>GM/Daewoo-12</td>
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<tr>
<td>Chrysler-16 Connector</td>
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<tr>
<td>VW/Audi 2+2 Connector</td>
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<td>Benz-14 Connector</td>
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<td>Kia-20 Connector</td>
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<td>BMW-20 Connector</td>
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<tr>
<td>Benz-38 Connector</td>
<td>1 pc</td>
</tr>
<tr>
<td>User Reference Manual</td>
<td>1 pc</td>
</tr>
<tr>
<td>Quick Start Guide</td>
<td>1 pc</td>
</tr>
</tbody>
</table>

* This connector is not included with units sold in North America

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**1 YEAR FREE SOFTWARE**

Register and update tools after purchase.

Phone: (855) 288-3587 • USUPPORT@AUTEL.COM • AUTEL.COM • MAXITPMS.COM • MAXISYSADAS.COM

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