LAUNCH
TECH USA
FOCUS & INNOVATE

PRECISE & SIMPLE
ADAS SOLUTION

2026



X-431 RADAR 3 IN 1



X-431 ADAS MOBILE PLUS



X-431 ADAS PRO PLUS



X-939 ADAS & WHEEL ALIGNER SYSTEM

Follow Us 1-877-528-6249 www.launchtechusa.com sales@launchtechusa.com

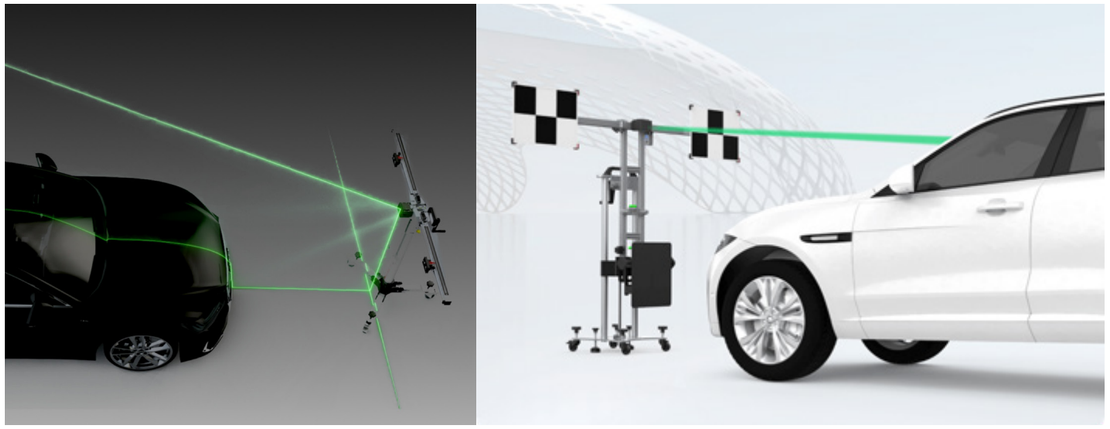
APPLICATION SCENARIO

Calibration required while ADAS sensors are disturbed.

Most ADAS sensors including; cameras, radars, LiDar modules, or ultrasonics. Have been quickly become standard equipment in today's vehicles. With added technology, comes additional requirements to standard repairs. An ADAS Re-calibration, is a precise aiming procedure to ensure these sensors are functioning to the best of their abilities after repairs are completed. Launch Tech USA is striving to accommodate these required procedures, with the leading edge equipment with the Technician in mind

Some repairs that will require ADAS Recalibrations:

1. Windshield Replacement
2. Collision damage requiring panel replacement.
3. Module Replacement
4. Chassis Alignment.
5. Structural repairs to the vehicle.



ADAS INTRODUCTION

ABOUT ADAS CALIBRATIONS

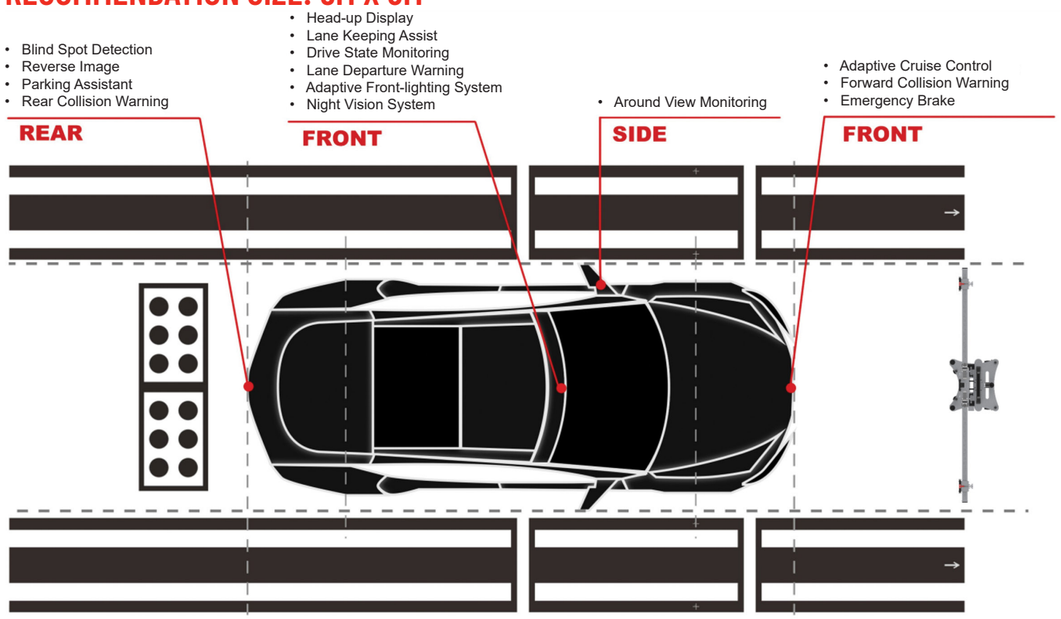
STATIC CALIBRATIONS

It is performed by an ADAS calibration tool frame and targets. A static calibration requires professional diagnostic software with a scan tool to fulfill the calibration procedures. Before a static calibration, the work station should prepare a standardized area to get started. If not a qualified work area in normal conditions, it will affect the accuracy of the calibration.

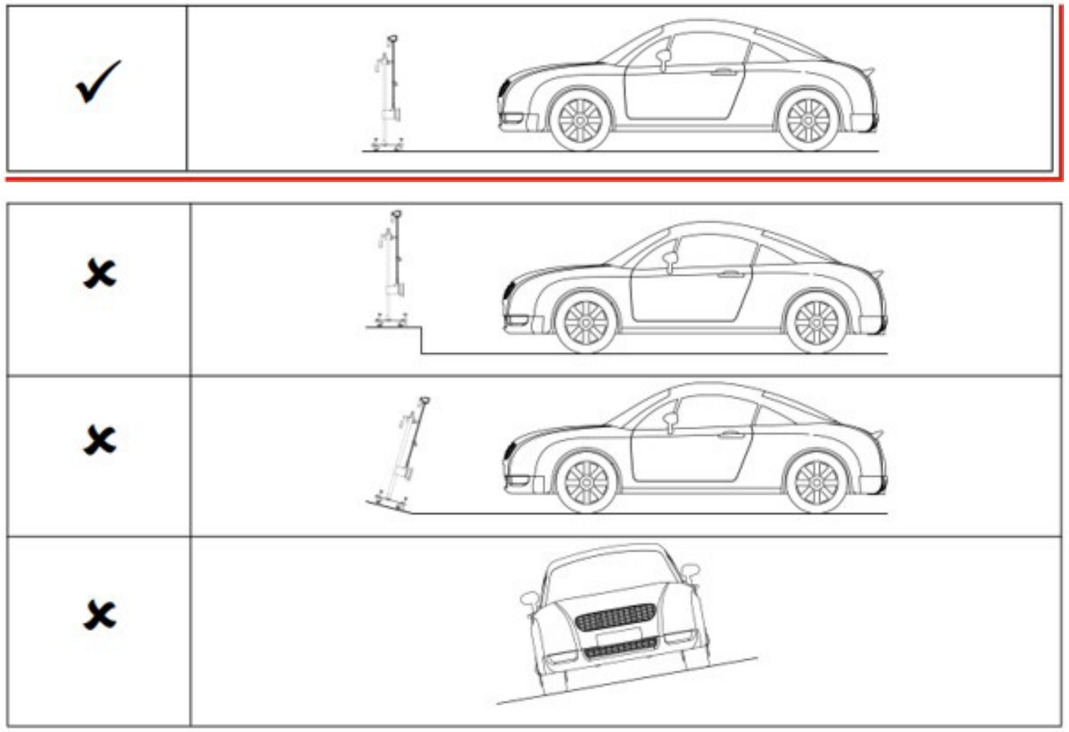
DYNAMIC CALIBRATIONS

Doesn't require targets or controlled shop space, but rather learns as the vehicle is driven. To complete this procedure, a professional level diagnostic scan tool is required to start the test, and monitor the completion status. Primarily associated with Domestic vehicles, but is also seen with select imports. Most notably BMW, Land Rover, Range Rover, Jaguar, Mazda, and Hyundai/Kia.

RECOMMENDATION SIZE: 5M X 9M

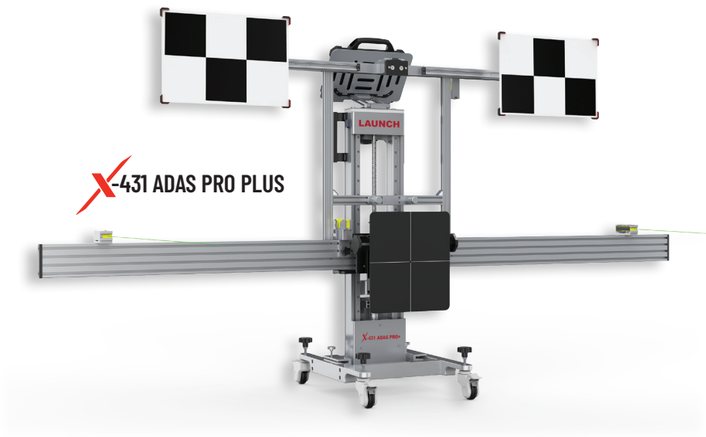


MAKE SURE THE VEHICLE IS PARKED WITH ALL WHEELS ON AN EVEN FLOOR SURFACE.



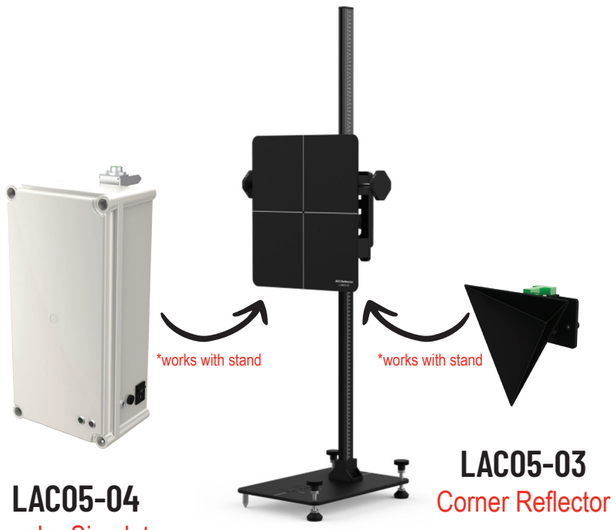
ADAS CALIBRATION TOOLS





X-431 ADAS RADAR 3 IN 1

TARGETS



LAC05-04
Doppler Simulator

LAM05-02
ACC Radar Target

LAC05-03
Corner Reflector



COMING WITH A PROTECTIVE BAG

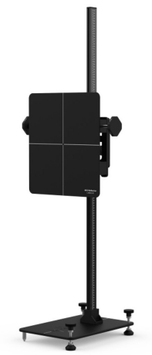
Three-in-one package for calibrating radar systems in Euro, Asian, and U.S. vehicles: compact, lightweight, and user-friendly.



LAC05-04
Doppler Simulator

CALIBRATION SYSTEMS:
LCA (Lane Change Assist)
FCR (Front Corner Radar)

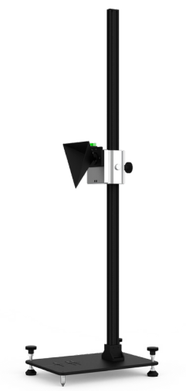
VEHICLE COVERAGE:
Volkswagen, Audi, Škoda, Seat, Mazda, etc.



LAM05-02
ACC Radar Target

CALIBRATION SYSTEMS:
ACC (Adaptive Cruise Control)

VEHICLE COVERAGE:
Mercedes-Benz, BMW, Audi, Volkswagen, Porsche, SKODA, Seat, Romeo, MINI, Bentley, Rolls-Royce, Maserati, FIAT, Jeep, Nissan, Mitsubishi, Suzuki, Infiniti, Hyundai, Kia, BYD, GEELY, CHERY, etc.



LAC05-03
Corner Reflector

CALIBRATION SYSTEMS:
ACC (Adaptive Cruise Control)
BSD (Blind Spot Detection)

VEHICLE COVERAGE:
Toyota, Lexus, Honda, Acura, Mazda, Subaru, Mitsubishi, etc.

X-431 ADAS MOBILE PLUS

MAKE SMART ADAS CALIBRATION EVEN SMARTER

VIEWPOINTS








ALL VIEWS OF EACH ANGLE

The design sketch images are for reference purposes only. The actual product details may vary, according to the physical goods upon shipment.

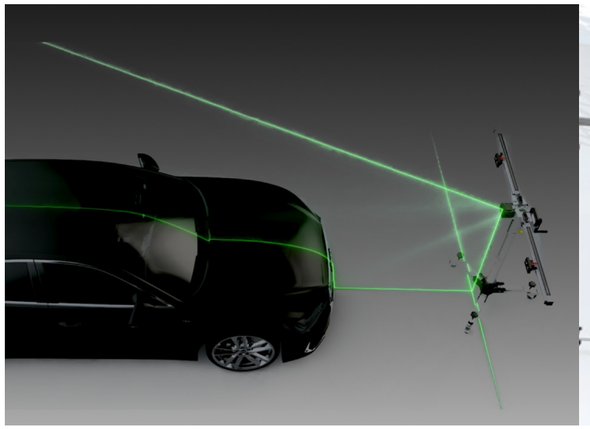



FOLDABLE DESIGN

Supports beam folding for pressure-free storage, tailored for workshops with space constraints, ensuring portability and convenience without compromising on functionality.

FEATURES

- **Minimalist & Detachable Laser**
  A single person can operate the tool to complete calibration workflows.
- **Multiple ADAS Systems Calibrations**
  Supports LDW/ACC/AVM/NVS/BSD/RCW...
- **Wide Vehicle Coverage**
  Supports more than 95% of the models with ADAS systems globally.
- **Step-By-Step Operating Instructions**
  The ADAS service software in an X-431 diagnostic tool offers step-by-step calibration guidance.
- **Device Elevation**
  Supports manual elevation adjustments using a laser rangefinder for precise height positioning.
- **Parallel Alignment**
  Achieve device parallel alignment auxiliary accessories like alignment assist lines.
- **Level Adjustment**
  Observe the bubble level, adjust the base knob, and achieve device leveling.

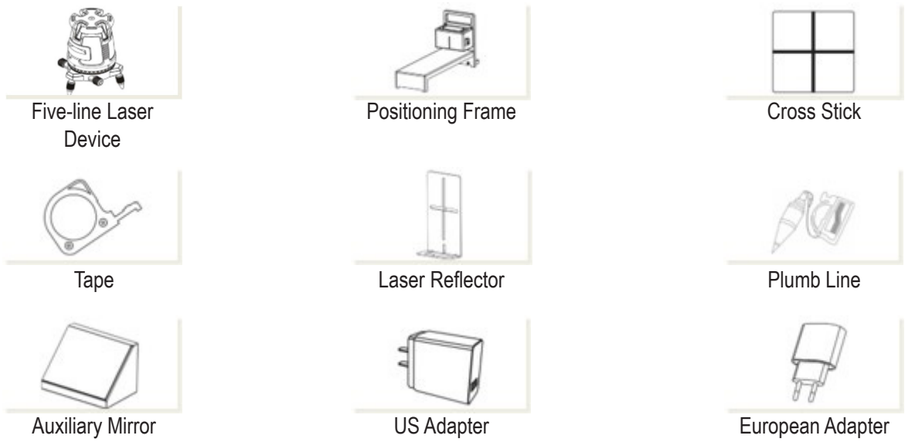




MAIN UNIT



ACCESSORIES

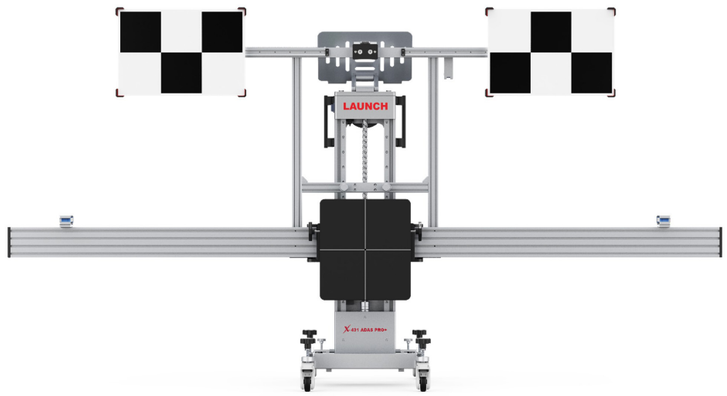


X-431 ADAS MOBILE PLUS BASIC CONFIGURATION = MAIN UNIT + ACCESSORIES

X-431 ADAS PRO PLUS

MAKE SMART ADAS CALIBRATION EVEN SMARTER

VIEWPOINTS

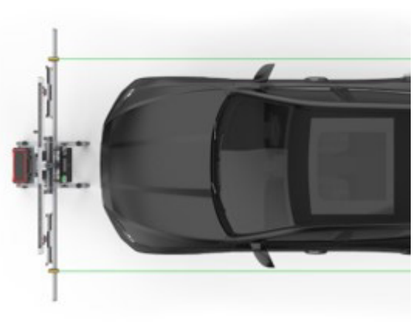




ULTRA-HIGH PRECISION



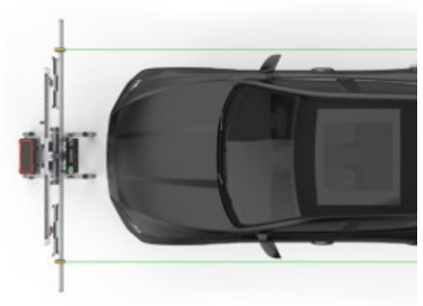
FAST POSITIONING



EASY TO USE

FEATURES

- **Minimalist & Detachable Laser**
  Including level, front and back, right and left adjustment. No need to move the device tediously, centering and paralleling in 1 minute.
- **2 Ways Adjustable**
  The beam supports electric lifting and manual adjustment for fast and portable operation.
- **Laser Finder**
  Use millimeter precision laser range finder to measure distance without a tape measure.
- **Wide Vehicle Coverage**
  Supports more than 95% of the models with ADAS systems globally.
- **Step-by-step Operating Instructions**
  The ADAS service software in an X-431 diagnostic tool offers step-by-step calibration guidance.



THE VEHICLE COVERAGE LIST IS CONTINUOUSLY GETTING UPDATED

VEHICLE COVERAGE FOR EUROPEAN BRANDS

Mercedes-Benz, BMW, Audi, Volkswagen, Land Rover, Jaguar, Volvo, Fiat, Opel, Seat, Skoda, Renault, Citroen, Smart, Mini, Peugeot, Porsche, Romeo, etc.

VEHICLE COVERAGE FOR ASIAN BRANDS

Kia, Hyundai, Toyota, Lexus, Honda, Acura, Nissan, Infiniti, Mitsubishi, Subaru, Suzuki, Daihatsu, Mazda, JAC, SGMW, Baic, BYD, Haval, Chery, Lynk&Co, etc.

VEHICLE COVERAGE FOR AMERICAN BRANDS

Tesla, GM, Ford, Chrysler, Buick, Cadillac, Chevrolet, Dodge, Jeep, Lincoln, etc.

APPLICABLE SCAN TOOLS:



X-431 Throttle V



X-431 Torque Link



X-431 Turbo III

NOT LIMITED FOR TARGETS MENTIONED HERE.
MOST OF THE ADAS SYSTEMS CALIBRATIONS ARE SUPPORTED.



FULL NAMES OF SOME ADAS SYSTEMS

- **LDW**
  Lane Departure Warning System
- **ACC**
  Adaptive Cruise Control
- **BSD**
  Blind Spot Detection
- **RCW**
  Rear Collision Warning
- **NV**
  Night Vision System
- **AVM**
  Around View Monitor System
- **LKA**
  Lane Keeping Assist System
- **AFS**
  Adaptive Front-Lighting System
- **APA**
  Advanced Parking Assist
- **AEB**
  Autonomous Emergency Braking
- **FCW**
  Forward Collision Warning
- **TSR**
  Traffic Sign Recognition
- **PPS**
  Pedestrian Protection System

X-939 ADAS & WHEEL ALIGNER SYSTEM

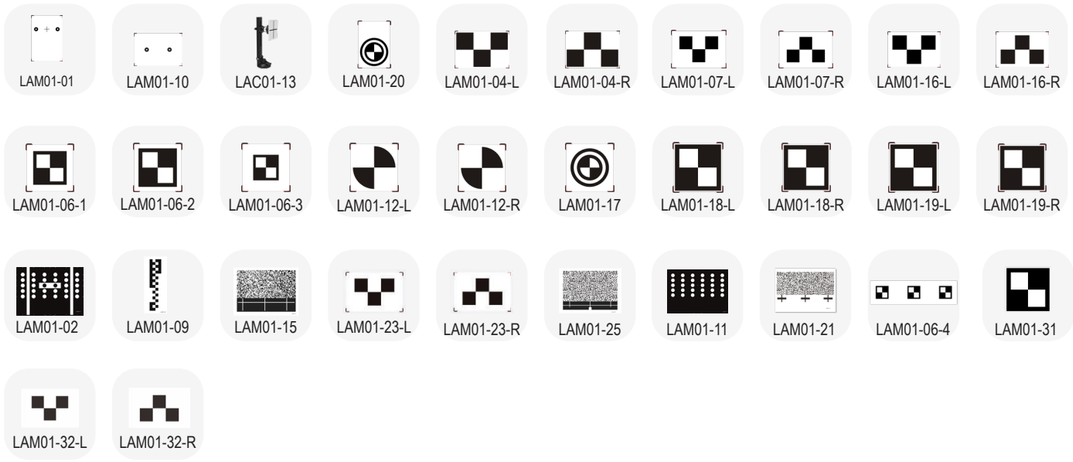
Main Unit

NEW!



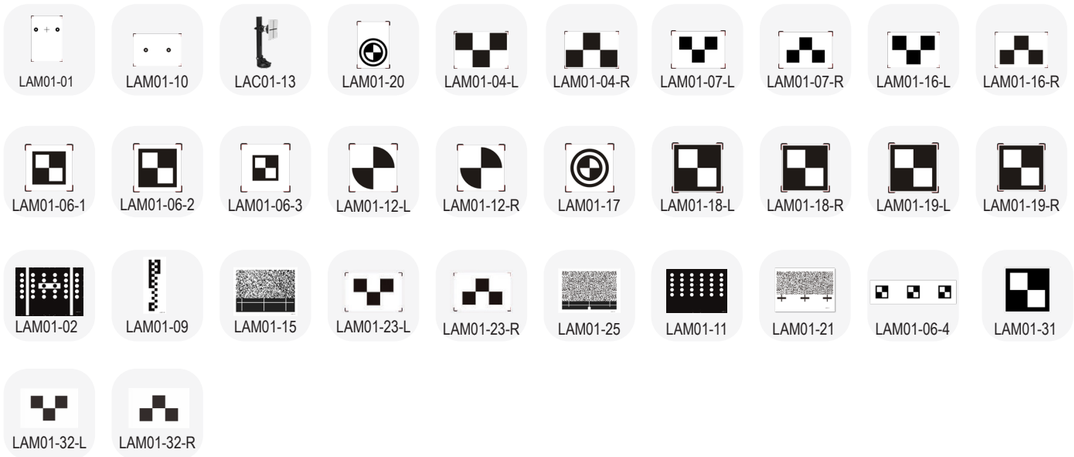


LDW TARGETS

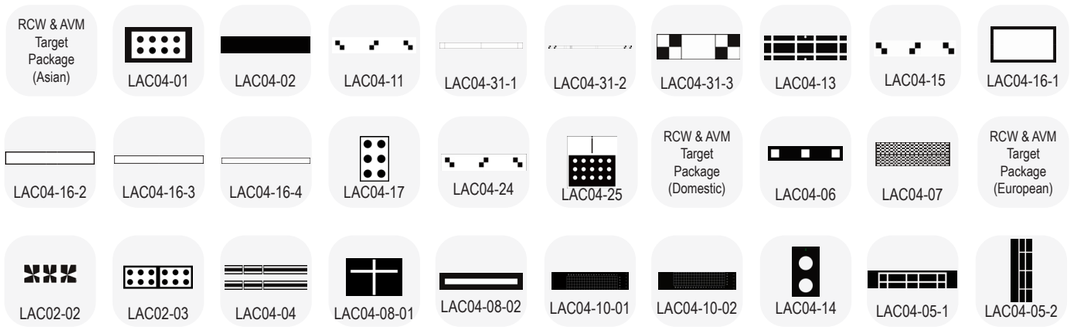


702050010 PREMIUM CONFIGURATION

LDW TARGETS



PREMIUM TARGETS

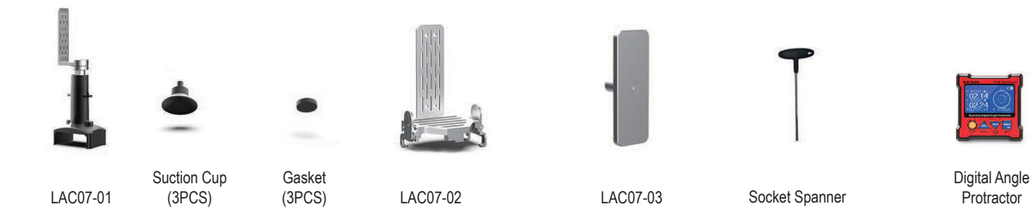




RADAR TARGETS



RADAR LEVEL ALIGNMENT TOOL



OTHER COMPONENTS



X-431 ADAS MOBILE PLUS



Main Unit

ACCESSORIES



Tape-10m



Five-line Laser Device



Laser Reflector



Auxiliary Mirror



L-shaped Positioning Bracket

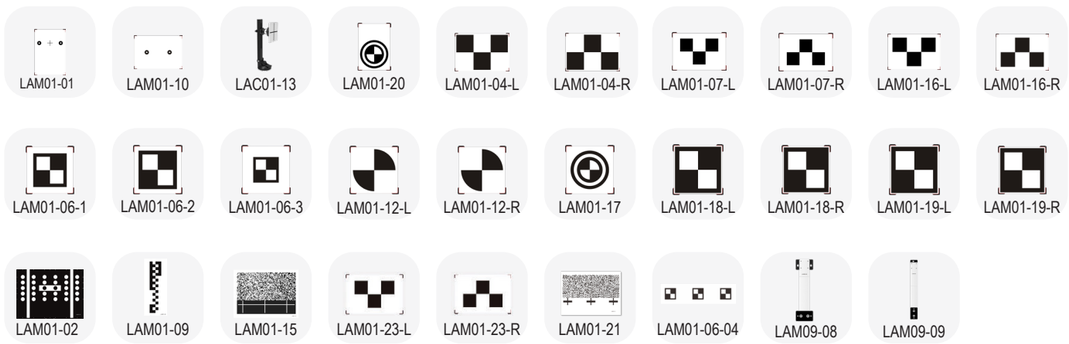


Plumb Line



Main Unit

LDW TARGETS



DELUXE CONFIGURATION 701060009

ACCESSORIES


Laser Reflector


Auxiliary Mirror


Plumb Line


L-shaped Positioning Bracket


Five-line Laser Device


Mounting Adapter



Tape-10m


Main Unit

RADAR TARGETS


ACC Reflector


Corner Reflector


Doppler Simulator

LDW TARGETS


LAM01-01


LAM01-10

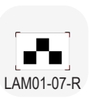

LAC01-13


LAM01-20

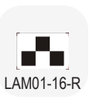

LAM01-04-L


LAM01-04-R


LAM01-07-L


LAM01-07-R


LAM01-16-L


LAM01-16-R


LAM01-06-1


LAM01-06-2


LAM01-06-3


LAM01-12-L


LAM01-12-R


LAM01-17


LAM01-18-L


LAM01-18-R


LAM01-19-L


LAM01-19-R


LAM01-02


LAM01-09


LAM01-15


LAM01-23-L


LAM01-23-R


LAM01-21


LAM01-06-04


LAM09-08


LAM09-09

PREMIUM CONFIGURATION 701060009P

ACCESSORIES

Laser Reflector

Auxiliary Mirror

Plumb Line

Mounting Adapter

Tape-10m

L-shaped Positioning Bracket

Five-line Laser Device

Main Unit

RADAR TARGETS

ACC Reflector

Corner Reflector

Doppler Simulator

LDW TARGETS

LAM01-01

LAM01-10

LAC01-13

LAM01-20

LAM01-04-L

LAM01-04-R

LAM01-07-L

LAM01-07-R

LAM01-16-L

LAM01-16-R

LAM01-06-1

LAM01-06-2

LAM01-06-3

LAM01-12-L

LAM01-12-R

LAM01-17

LAM01-18-L

LAM01-18-R

LAM01-19-L

LAM01-19-R

LAM01-02

LAM01-09

LAM01-15

LAM01-23-L

LAM01-23-R

LAM01-21

LAM01-06-04

LAM09-08

LAM09-09

PREMIUM TARGETS

RCW & AVM Target Package (Asian)

LAC04-01

LAC04-02

LAC04-11

LAC04-31-1

LAC04-31-2

LAC04-31-3

LAC04-13

LAC04-15

LAC04-16-1

LAC04-16-2

LAC04-16-3

LAC04-16-4

LAC04-17

LAC04-24

LAC04-25

RCW & AVM Target Package (Domestic)

LAC04-06

LAC04-07

RCW & AVM Target Package (European)

LAC02-02

LAC02-03

LAC04-04

LAC04-08-01

LAC04-08-02

LAC04-10-01

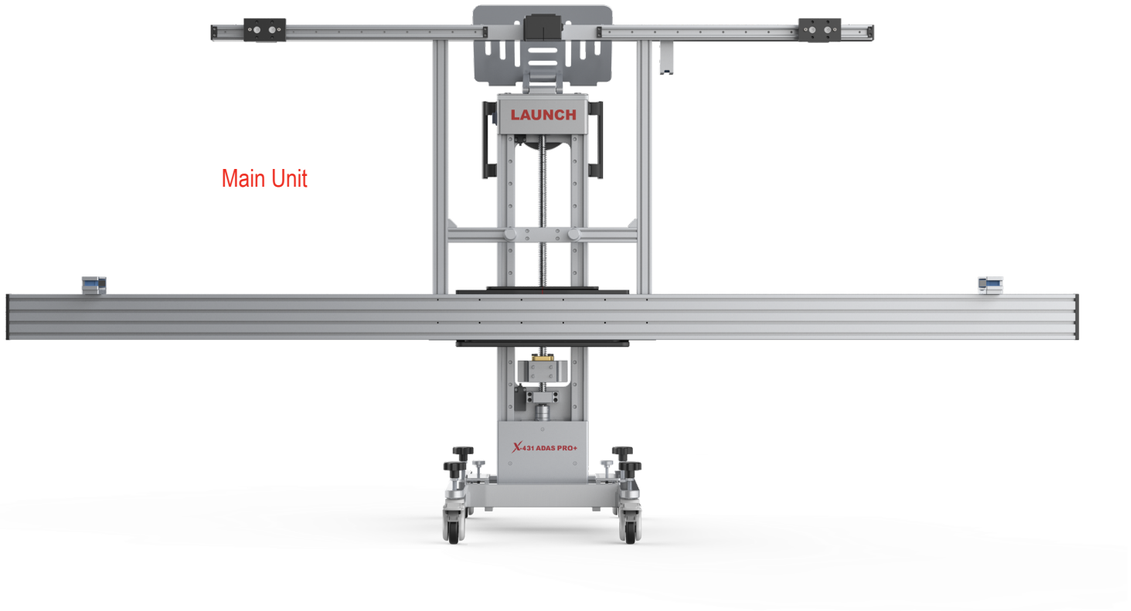
LAC04-10-02

LAC04-14

LAC04-05-1

LAC04-05-2

X-431 ADAS PRO PLUS





LDW TARGETS


LAM01-02

LDW TARGETS


LAM01-01


LAM01-10


LAC01-13


LAM01-20


LAM01-04-L


LAM01-04-R


LAM01-07-L


LAM01-07-R


LAM01-16-L


LAM01-16-R


LAM01-06-1


LAM01-06-2


LAM01-06-3


LAM01-12-L


LAM01-12-R


LAM01-17


LAM01-18-L


LAM01-18-R


LAM01-19-L


LAM01-19-R


LAM01-02


LAM01-09


LAM01-15


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LAM01-21


LAM09-08


LAM09-09


LAM01-25


LAM01-11

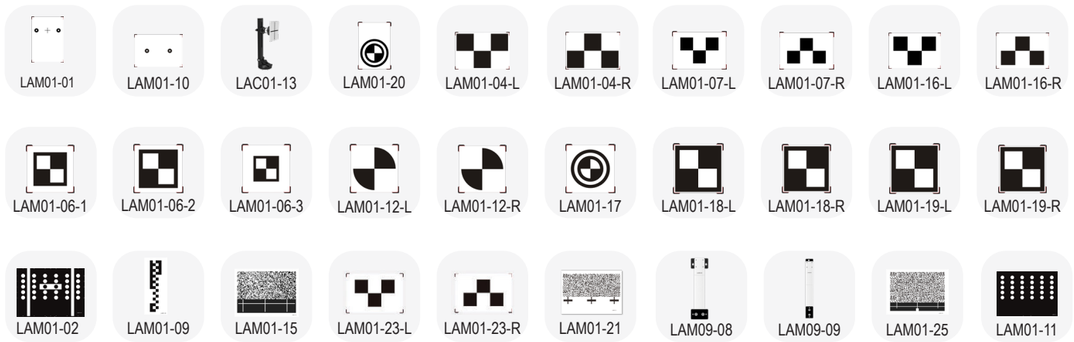
DELUXE CONFIGURATION 701040011



RADAR TARGETS



LDW TARGETS



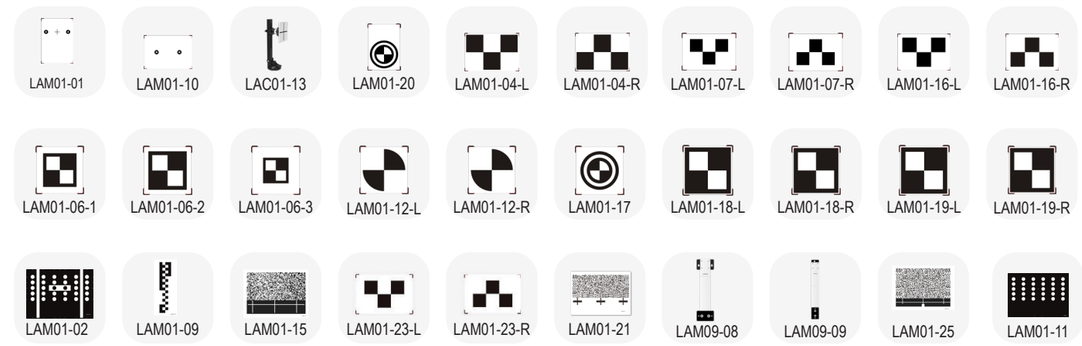
PREMIUM CONFIGURATION 701040012



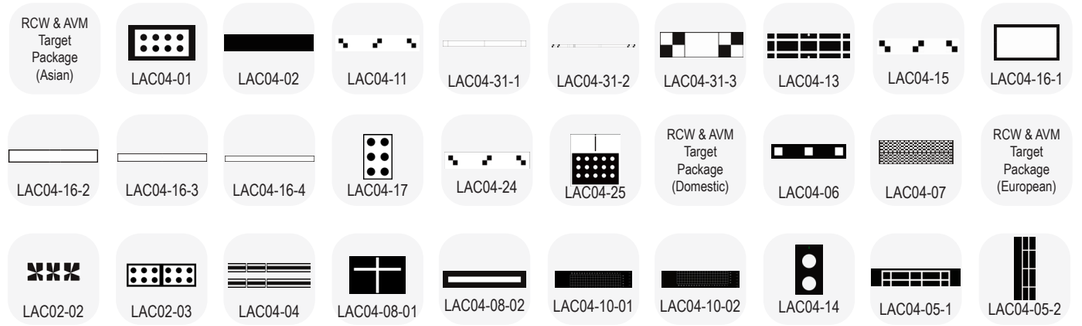
RADAR TARGETS



LDW TARGETS



PREMIUM TARGETS



TARGETS

Radar Targets



LAM05-02

ACC Reflector



LAC05-03

Corner Reflector



LAC05-04

Doppler Simulator



BSM Protractor



LAC05-05

Nissan ICC Radar Target (Optional)



LAC05-06

Audi Lidar Target (Optional)



LAC05-07

Toyota Laser Reflector (Optional)

Radar Level Alignment Tool



LAC07-01

Used for BOSCH LRR3&4 Radar



LAC07-02

Used for BOSCH MRR Radar



LAC07-03

Used for TOYOTA SONAR Radar



LAC01-13

Digital Angle Protractor

NV Targets



LAC06-01

Audi/GM/VW



LAC06-02

Mercedes



LAC06-03

Lexus

Parts



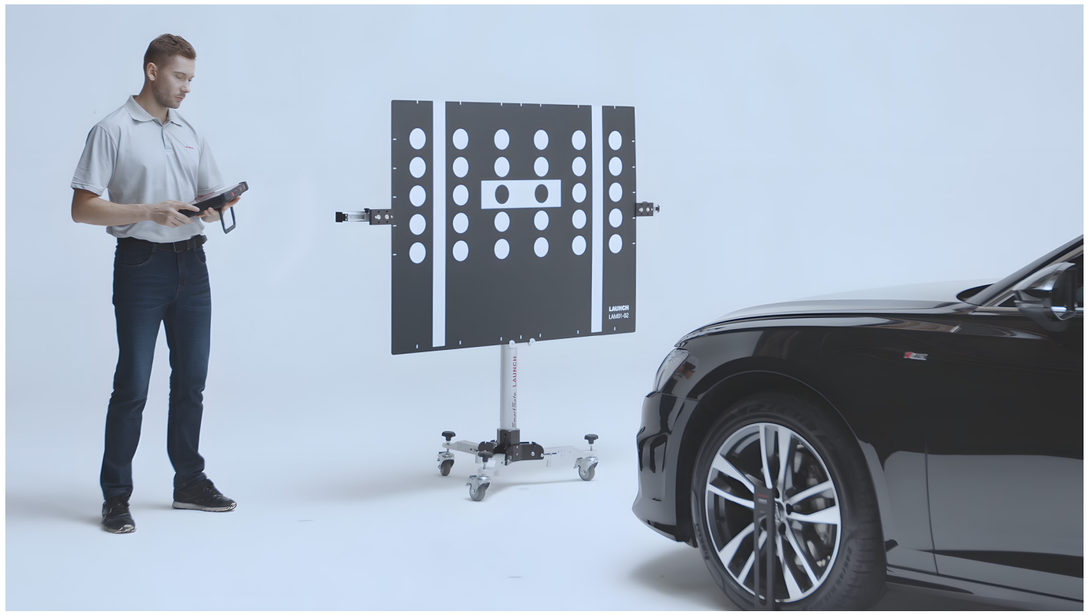
LAC03-01

Chrysler SmartBeam Camera Calibration Tool



LAC07-04-1/2

Volvo Camera & Radar Adjustment Tool



TARGETS FOR REFERENCE ONLY Please confirm when ordering.

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