

[Important] Please read before purchasing or installing.

Important Information and Agreement Regarding Product Purchase and Installation

To ensure the safe and reliable use of our products, please be sure to read the following information carefully and fully understand its characteristics.

Please proceed with the work after doing so.

1. Items to check upon purchase and unpacking

Once you receive the product, please check its condition first.

- Check within 7 days of arrival: Unpack the product and check for any defects or missing accessories.

If you find any issues, please contact us through the CONTACT page on our website.

- Return and Exchange Restrictions: We cannot accept exchanges or returns after painting, processing, or installation. Please be sure to perform a test fit.

Please check for any scratches or damage. Damage or scratches that occur during product installation are not covered under warranty.

- Warranty coverage: We will provide a replacement product in case of product defects, but we will not cover any associated labor costs, painting costs, coating costs, etc.

We cannot provide a secondary warranty.

Regarding painted products: Although the paint is mixed according to the original color code, there may be a color difference between the paint and the vehicle's body color, even on a new car.

This may occur. We cannot accept complaints regarding color differences (if you are concerned, please purchase an unpainted product).

We recommend painting the vehicle to match its specifications.

- Damage during transport: For damage caused during transport, such as a crushed box, please contact the shipping company upon receiving the goods.

2. Warnings and Precautions Regarding Safety Driving Assistance Systems (Important)

[Warning]

⚡ Regarding safe driving support systems

Even after the product is installed, the system is designed to reduce accident damage and driver burden, while still relying on the driver's safe driving habits.

However, due to the bumper replacement and sensor relocation, there are differences in detection performance and control timing compared to the original state.

This may occur. Do not over-rely on the system, always be aware of your surroundings and drive safely at your own risk.

Please climb the cliff.

⚡ Regarding the relocation and aiming (calibration) of the sensor

Relocation and installation must be carried out at an automotive repair shop (certified workshop) with the necessary expertise and equipment.

After installation, be sure to perform "aiming (calibration) work" according to the standards set by the automobile manufacturer.

Failure to implement or improper installation may affect collision mitigation braking systems, adaptive cruise control (ACC), etc.

Failure to function properly, or activation in unintended situations, could lead to serious accidents.

*Depending on the product, the radar position may shift to the left or right of the vehicle's center.

Move the target and perform aiming to align it with the center of the millimeter-wave radar.

⚡ Notes regarding modifications and suspension changes

Our products are intended for use with original equipment tires, wheels, and suspension. (Lift-up or lowering kits are not supported.)

Changes in ride height and lean angle due to suspension modifications such as lowering, changes in tire size, and wheel alignment.

If there is a discrepancy, the sensor may not be able to correctly detect the object, and the system may not function properly.

Caution

Handling of forward radar and ultrasonic sensors

- No decorations around the sensor:

Do not apply stickers, accessories, paint with metallic paints, or apply metallic coatings. These will block radio waves and ultrasonic waves. Also, excessively thick paint coatings can interfere with normal operation.

- Precautions when attaching additional accessories:

Guards, additional lights (fog lights, LED bars), license plate relocation kits, etc. are detected by the sensor.

Even slight interference within the range (illumination angle) may cause the device to falsely detect an obstacle or malfunction.

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- Removal of dirt and deposits:

Always keep the front and surrounding area of the sensor (bumper surface) clean.

If mud, raindrops, snow, ice, insects, or debris adhere to the device, its function will be impaired or it will stop working.

- Caution regarding impact:

Even a slight shift in the sensor's mounting angle due to contact with the bumper or other factors can prevent it from functioning correctly. If the

sensor has been subjected to a strong impact, please have it inspected and readjusted immediately.

Situations where the system may not function properly

Similar to the original manual, detection capabilities may be reduced, potentially leading to malfunctions or failures under the following circumstances.

- Weather and environmental factors: Heavy rain, snow, fog, sandstorms, backlighting, inside tunnels, driving at night without lights, etc.

- Road surface conditions: Sharp curves, slopes, rough roads (gravel roads, deep ruts), icy roads, snow-covered roads, etc. •

Object conditions: Vehicles with unusual shapes, heavily soiled vehicles, pedestrians, bicycles, low-lying objects, etc. • Conditions of your own vehicle:

Wipers obstructing your view, dirty windshield, misaligned headlights, etc.

Precautions for using Adaptive Cruise Control (ACC)

- Changes in characteristics: Due to the change in sensor position, the behavior of following the preceding vehicle and the deceleration timing are different from when the original bumper is installed.

This may feel different to some extent.

- Restrictions on use: Do not use ACC in the following situations: If proper control is not performed and serious injury or severe injury may occur.

In the worst-case scenario, it could lead to a fatal accident.

1. Slippery roads: Icy or snowy roads (tires may spin and the vehicle may lose control).
2. Slopes: Steep

downhill slopes (risk of speeding or insufficient braking), roads with significant ups and downs (risk of losing sight of the vehicle ahead).- 3. Special sections:

Entrances and exits to expressways and highways.

4. Mixed traffic: Roads where pedestrians and cyclists are nearby.
- 5.

Heavy traffic: Roads with heavy traffic that require frequent acceleration and deceleration (risk of not being able to keep up with the flow).

6. Sensor malfunction: When the proximity warning sounds frequently or may not function correctly.
7. Vehicle malfunction: When the

vehicle cannot drive straight due to an accident or breakdown.

- System limitations: The system is not foolproof. It cannot adequately slow down vehicles that cut in or make sudden stops.

There may be cases where this is not possible. Always be prepared to operate the brake pedal, and if you feel danger, immediately take action yourself.

Please apply the brakes.

3. Precautions Regarding Installation and Processing:

Please follow the rules below to ensure proper installation and product protection.

• Safe working environment

Park the vehicle on a level surface, engage the parking brake, and be sure to turn off the engine (make sure the muffler and other parts have cooled down sufficiently before starting work).

For safety reasons, it is recommended that the work be performed by two or more people.

• Work procedures and handling of electrical systems

- Thoroughly perform the closing ceremony by hand:

To prevent overtightening of bolts, never use air tools or power tools; tighten them by hand.

• Cleaning and degreasing:

Before installation, please clean the vehicle to remove any dirt or dust.

- Ensuring the safety of the electrical system:

If electrical components are involved, always disconnect the negative terminal of the battery before working on them.

After completing the work, please perform a function check, adjust the optical axis, and make any necessary readjustments (such as aiming).

Vehicle specification changes:

If there are any structures not mentioned in the instruction manual due to minor changes or other modifications, please stop the work and contact us.
please.

• Application of paint, tape, and primer •Painting of resin

products:

Prepare the surface by sanding it with #400 to #600 grit sandpaper. To prevent deformation, never bake paint at temperatures above 50°C.

• Installation of double-sided tape:

Please completely remove the body coating using a compound or similar product before bonding. If the temperature is below 15°C, warm it with a hairdryer or similar device, apply sufficient pressure, and refrain from washing the car or driving at high speeds for 24 hours after application.
Please do not reuse this.

• PAC Primer:

Be careful not to let it spill over, and if it does, quickly wipe it off with a degreasing agent (leaving it will cause it to turn yellow).
(Color it)

4. Precautions for daily use

- Do not use automatic car washes: Do not use them under any circumstances, as they may cause damage to exterior parts. - Interference with bumps, etc.: Products installed on the underside of the vehicle will have a lower ground clearance. Avoid bumps, curbs, underground parking lot entrances, etc.

Please be careful of damage caused by interference with wheel chocks, etc.

- Fog on lamps: Temporary condensation may occur on the inside of the lens when the temperature drops,

This is a natural phenomenon and not a water leak. Let it dry and see what happens.

Disclaimer

Please be sure to read the following disclaimer before purchasing or using this product.

By purchasing or using our products, you are deemed to have agreed to this disclaimer.

1. Regarding safe driving support systems

Our products are designed to allow the transfer and installation of sensors from the original bumper, however, the safety standards of each automobile manufacturer vary.

We cannot guarantee that all driver assistance systems will operate with the exact same performance as the original factory specifications.

This may result from system malfunctions after arrival (unnecessary sudden braking, alarm sounding, etc.) or failure to function (inability to avoid a collision).

We assume no responsibility whatsoever for accidents, damages, injuries, deaths, vehicle damage, or liability to third parties.

2. Regarding installation and aiming (calibration): Our products should be installed

at an automotive repair shop with specialized knowledge, and after installation, they must be calibrated according to the standards set by the automobile manufacturer.

Please perform the "aiming (calibration) work" based on the instructions. Failure to perform the aiming work, improper installation, and distribution

We assume no responsibility whatsoever for system malfunctions, vehicle troubles, or accidents caused by wiring errors, inadequate waterproofing, etc.

We cannot accept responsibility for such issues. Furthermore, we will not cover any associated labor or repair costs.

3. Vehicle modifications and combinations with other companies' products

Our products are designed for use with the vehicle's original ride height and tire size.

In vehicles that have been modified with lift kits, lowered suspension, or altered tire diameters, the safety driving assistance system may not function correctly.

We cannot be held responsible if it does not function. Also, using it in combination with parts from other manufacturers may obstruct the sensor's detection range.

We cannot accept any responsibility if interference occurs and causes malfunctions in the system.

4. Matters concerning vehicle inspection and service at dealerships

Our products are designed to comply with safety standards, but depending on the opinion of the relevant transport bureau or vehicle inspector, they may not be suitable for vehicle inspections.

In some cases, the vehicle may not pass inspection. Also, due to the vehicle's customizations, inspection and maintenance may be required at an authorized dealer or repair shop.

We may refuse to accept your vehicle for maintenance, repairs, or aiming work. We are not responsible for any disadvantages resulting from these actions.

We will not provide compensation.

5. Regarding warranty transfer * (Applies only to registered, unused vehicles)

In some cases, the manufacturer's warranty may not be transferred, or you may be required to restore the vehicle to its original condition, due to the installation of custom parts.

Please check with the dealer where you plan to bring your vehicle in beforehand to ensure a smooth process.

6. Regarding vehicle inspection and compliance with safety standards

Although designed in accordance with current safety standards, vehicle inspections may change due to revisions to standards, aging, differences in interpretation at each inspection station, etc.

Additional adjustments may be required at times (we cannot guarantee permanent compliance with vehicle inspection regulations).

We cannot be held responsible for any non-compliance with standards due to unforeseen modifications or other issues, or for any additional costs incurred during vehicle inspections.

7. Scope of Damages

We are not responsible for any incidental damages (such as loss of profits, rental car/towing costs, emotional distress, etc.) arising from the use or inability to use our products.

Therefore, we cannot accept any responsibility whatsoever.

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