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VTM43TC

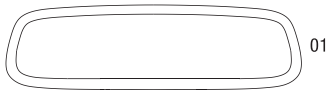
OE Style 4.3” Rear View Mirror Monitor With Compass & Temperature

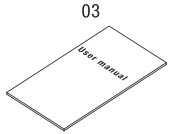
USER MANUAL

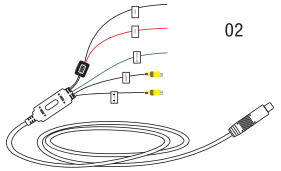
CONTENTS

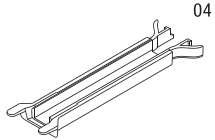
The package contains the following:

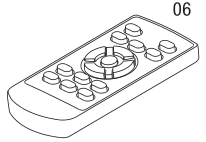
01 Rearview mirror monitor
02 Wire harness
03 User manual
04 Wire cover
05 Windshield plate
06 Remote control
07 Temperature sensor
08 Extension cable for temperature sensor

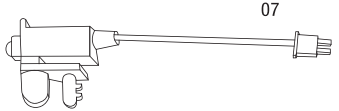


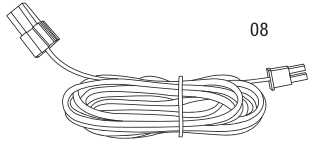












Please check the package contents. If any parts are damaged or missing, please contact the retailer as soon as possible.

FEATURES

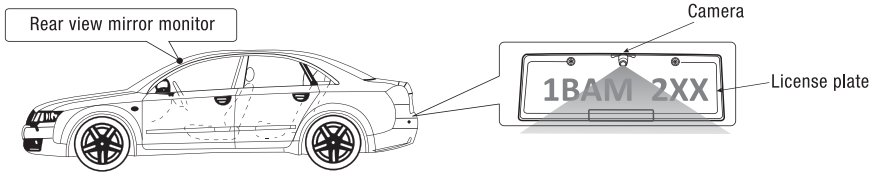
- 4.3 inch ultra high brightness display screen
- Automatic brightness adjustment
- Adjustable back up guide line
- Touch screen buttons
- Back up camera display
- 2 x video inputs
- Quickly switch between V1 and V2 video screen
- Compass and Temperature

SPECIFICATIONS

- Display Type: TFT-LCD
- Compatiable Systems: PAL / Auto / NTSC
- Working Voltage: 12V DC
- Screen Size: 4.3 inch
- Resolution: 480(H) X 272(V)

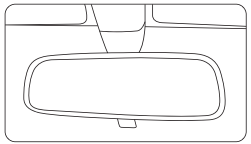
HOW TO INSTALL REVERSE CAMERA

When a camera needs to be installed at the rear of vehicle, a good position is usually at the top of the License plate where there is an under ledge.

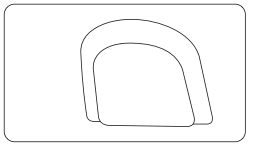


HOW TO INSTALL MIRROR MONITOR (Bracket Style)

Remove the original mirror



Car factory original mirror



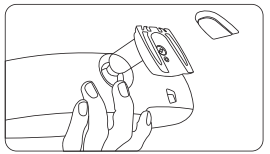
The plate on the windshield

Different cars have different brackets. Learn how to remove before actually removing the mirror.

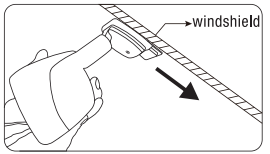
DO NOT use force to remove or to mount. Use proper tools and techniques.

The manufacturer will not be responsible for injuries, or broken windshields, or any other damages.

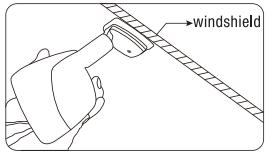
Install mirror monitor on the plate



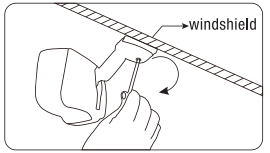
Take down your original mirror, and make the mirror monitor ready



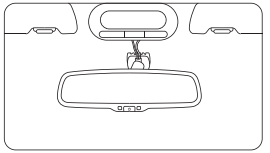
Install rear view mirror along this direction



Please make sure to install the mirror to the end of the bottom without any loose

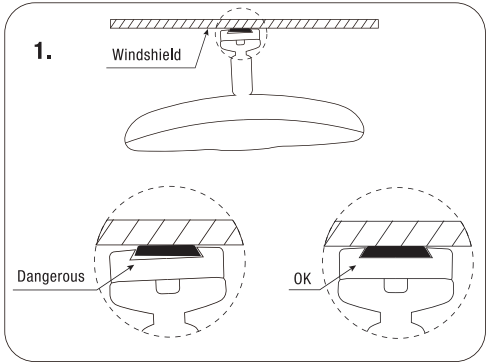


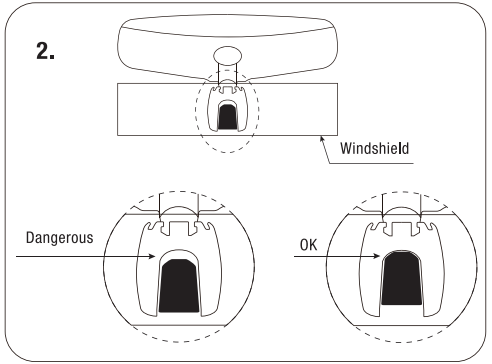
Contrarotate the fixed rear view mirror
Torque is about 0.8-1.3 N.m



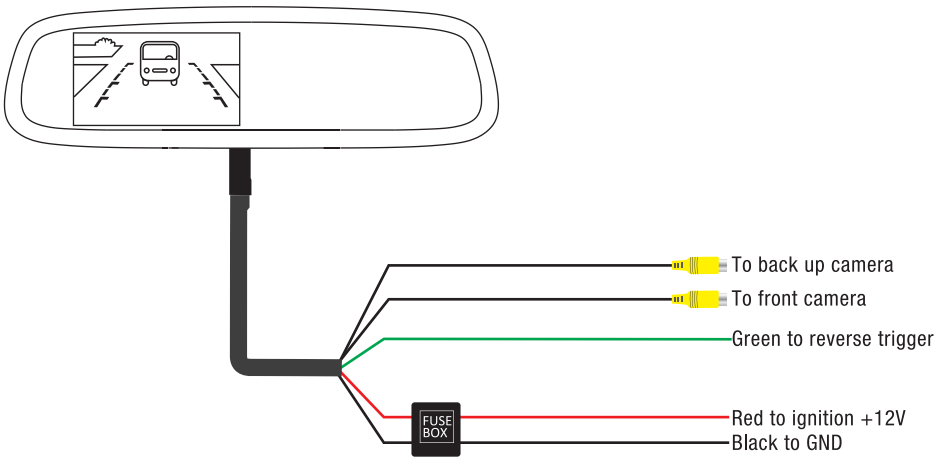
NOTE: Always use caution. Please seek help from trained and qualified professionals if you are not comfortable with the removal or installation of the mirror.

CAUTION!



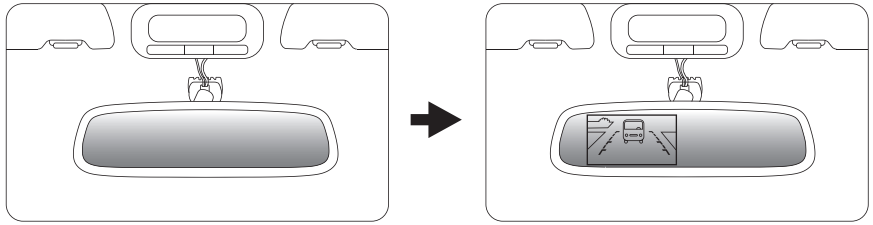


HOW TO WIRE



BACK UP CAMERA DISPLAY

With the green line connected to the reverse light or to the reverse gearbox light, the monitor will automatically display the backup camera, when the car is in reverse.



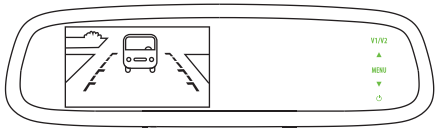
AUTOMATIC BRIGHTNESS ADJUSTMENT

The mirror automatically adjusts the brightness of the screen to display the clear and comfortable images for the driver to see when reversing.

WEAK LIGHT When ambient light is weak, the screen will automatically reduce the brightness for comfortable view.

STRONG LIGHT When ambient light is strong, the screen will automatically increase the brightness for clear images.

FUNCTION OF BUTTONS

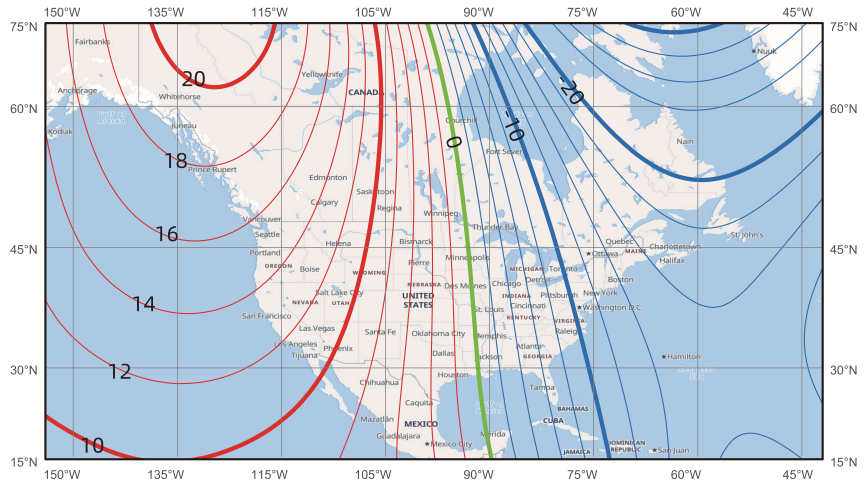


V1/V2	Use this button to switch Video 1 (V1) and Video 2 (V2) video screen
▲	Up / Increase (such as touch MENU key to bring up the brightness menu,then press the key to increase the screen brightness value)
MENU	1.Touch the menu button MENU, you can adjust the brightness, contrast, color saturation of the screen. All the default parameters is 50, you can adjust the parameters through the up▲ and down▼ buttons according to your preference. 2.Continue to touch the menu button, you can set the **MAGNETIC ANGLE** (Every country has a specific number); **CALIBRATION** (AUTO/OFF); **TEMP UNIT** (^{0}C / ^{0}F); **SCALE** (ON/OFF: it can use remote control to adjust), **LANGUAGE** (You can choose the language what you need: English, Spanish, Portuguese, Italian, French, German, Dutch) 3.Select the **RESET** and touch UP/DOWN buttons can back to factory default settings.
▼	Down / decrease (touch the MENU key to bring up the brightness menu, then press the key to decrease the screen brightness value)
⏻	Touch / short press to close/open the screen display

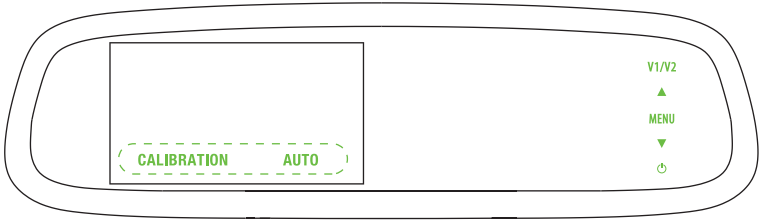
COMPASS

This compass can be calibrated by driving your vehicle in several complete circles. A quick guide is stated as below. If the vehicle's compass headings become inaccurate, the compass can be manually calibrated by:

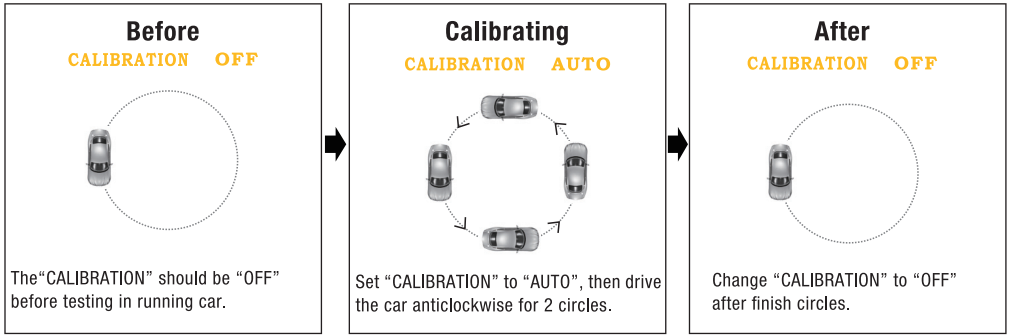
1. Touch the menu button MENU and choose **MAGNETIC ANGLE**, touch the up ▲ and down ▼ buttons to choose the appropriate magnetic declination. As shown below (Using the map below to find your geographic location, note the zone that you are located)



2. Touch the menu button and choose **CALIBRATION**, the default mode is “OFF” , touch UP/DOWN, select the “AUTO”.

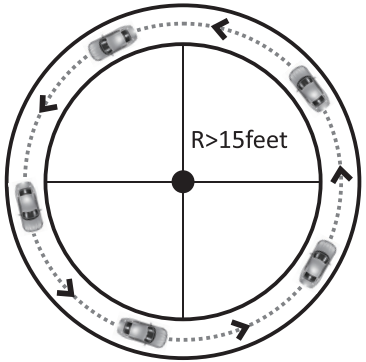


3. Drive your vehicle in at least 2 circles’ counterclockwise, allowing 45 seconds to complete one circle.



4. For best calibration results, keep your circle radius close to 15 feet and speed less than 6 MPH.

- 2 circles
- speed<10MPH
- counterclockwise
- Ensure there is no large container truck or large truck



5. Touch the menu button and choose **CALIBRATION**, the default mode is “OFF” , touch UP/DOWN, select the “OFF”.

We do not recommend to use compass in the area where the magnetic lines of flux is intensive. For example, the north of Canada.

New York: -13	Beijing: -7	Ottawa: -15	New Delhi: 1
Los Angeles: 4	Dubai: 2	Sao Paulo: -20	Paris: 0
Moscow: 10	Berlin: 4	Capetown: 16	Canberra: 12

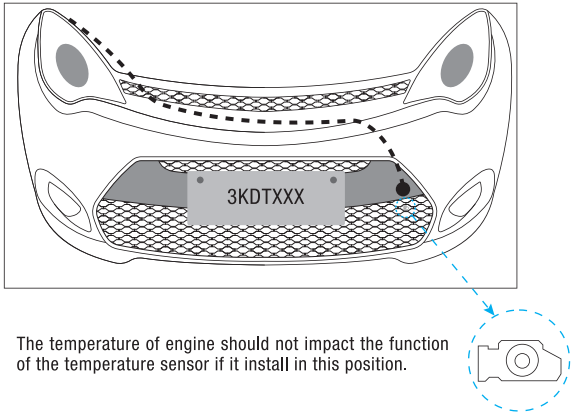
TEMPERATURE

How switch the unit of temperature

Touch the menu button MENU and choose **TEMP UNIT**, touch the up ▲ and down ▼ buttons you can switch ºF to ºC.

Temperature sensor installation

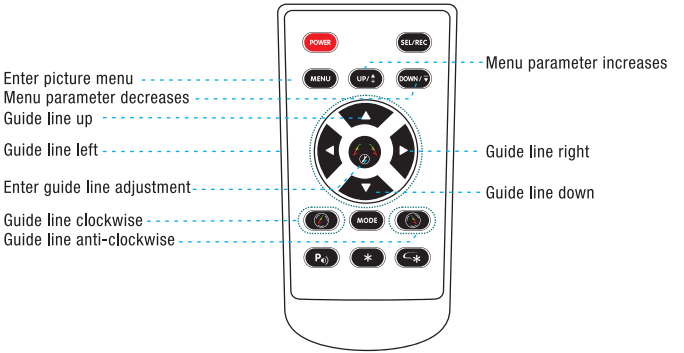
The thermometer measures the outside temperature. The temperature sensor is normally placed between the front of the radiator and the front bumper, away from the engine and radiator, and positioned at the location where fresh air will be flowing to minimize the impact of engine heat on the sensor.
Find an edge of sheet metal or plastic shield, and slide a metal clip over the edge to securely mount the sensor.



The temperature of engine should not impact the function of the temperature sensor if it install in this position.

MENU SETTING

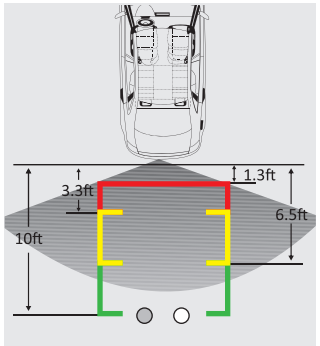
The menu can be set by remote control, and kindly check its definition as below.

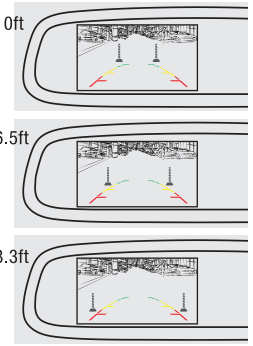


ADJUSTABLE GUIDE LINE

About guide line

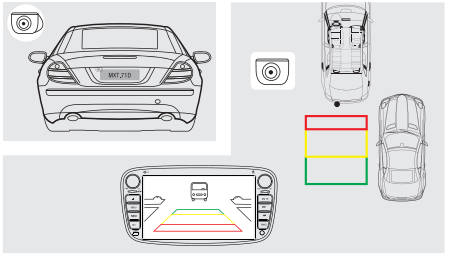
Generally, to help drivers estimate the distance from obstacles, there are three reference lines: red, yellow and green. Those lines are displayed on the monitor when reversing. The green line is 10 feet away from the back of car and the yellow line is 6.5 feet. The distant red line is 3.3 feet away from the backside of car while the closed red line is 1.3 feet.
Both reference lines on the left and right should leave 0.65 feet from the car.





What the regular guide line is

Regular guide line is fixed. But installation sites of cameras are different as well as car size. The fixed guide line is not accurate enough for drivers. There is a great difference among regular and fixed guide lines and car's real guide lines, especially when camera is mounted on the left or right side of car backside.



How to adjust the guide line

According to the site of standard reference line, we can put references such as desks in the back side of the car. Compared with the marked references, we can adjust the sites and angles of two guide lines displayed on the monitor. You will get the accurate and safety guide lines once it coincides with the references.
Press setting button to enter “guide line adjustment” mode. The system is defaulted to adjust left guide line first. Press the button again to switch to adjust the right guide line.
The up , down , left and right buttons are to adjust the corresponding location of guide lines. The clockwise rotation and contra rotating buttons are to adjust the angles of guide lines. It is easy to operate and calibrate. calibration finished, switch the reverse gear to save the information.

Caution: keep the remote control 1.6 feet～3.3 feet from rearview mirror when you use the remote to adjust the parking lines.