

**Auto Dimming Rear View Mirror with Compass/Temp Gauge
Kit # 1110-2519**

Please read thoroughly before starting installation and check that kit contents are complete.

Items Included in the Kit:

Auto-dimming mirror
Mirror harness
Zip ties
Ambient Temperature Sensor
T-tap wire connector
These instructions

Tools & Supplies Needed:

Torx screwdriver
Plastic panel removal tool
Wire cutters
Wire strippers
Electrical tape



Safety Precautions:

- Work in well ventilated area that is clear of obstructions.
- Secure vehicle with tire chucks in both front and rear of tires.
- Turn vehicle accessories OFF and ensure ignition key is in OFF position.
- Wear safety goggles and snug fitting clothes.
- Use tools only for their intended purpose and which are in good repair.
- Only perform this task if confidence, skill, and physical ability permit.

NOTE: We strive to provide accurate and up-to-date installation instructions. For the latest full color instructions, as well as an installation video, please visit www.brandmotion.com

INSTALLATION INSTRUCTIONS

PREPARATION:

1. Remove mirror from packaging and inspect to ensure that all parts are present and that it will fit the vehicle. The mirror is intended for D-tab or wedge-tab mirror mounts. This mirror will fit best on vehicles which have a clip-on original mirror; some vehicles with a screw-on original mirror may have a flat surface on the wedge tab which will make it difficult to clip on. In this case, it is recommended that a new D-tab is installed on the vehicle.

MIRROR INSTALLATION:

2. Remove the existing mirror from the windshield. Depending on the type of existing mirror, you may need a Torx bit, a vehicle-specific tool, and/or a screwdriver. Without proper tools it is very easy to damage or break the windshield. We recommend if you are not comfortable with this, take your vehicle to a local glass company and have it removed for you. (**NOTE: NEVER** twist the mirror mount from side-to-side trying to wiggle it loose. This is the most common way to crack your windshield.)



3. For easier installation of the new mirror, you can unclip the compass gyro from the mirror base, and clip it back on after the mirror has been mounted.



4. Mount the new mirror onto the windshield. The mirror will slide down and clip into place.



5. Route the mirror wire harness across the windshield, behind the headliner, and down the A-pillar. It is easiest if you completely remove the A-pillar cover to route your wires.



6. Using a computer-safe test light, locate a true ignition circuit (+12V when the key is cycled to #2 position) and attach the positive lead from the mirror to it. Next, connect your ground lead. Brandmotion recommends using an existing ground



connection when possible.

INSTALLATION INSTRUCTIONS

TEMPERATURE SENSOR INSTALLATION:

- Under the hood, locate an area ahead of the radiator which will have good air flow from in front of the car and attach the ambient temperature sensor. The sensor may have a protective cap which must be removed at time of installation for accurate reading.



- Route the sensor cable from the sensor and into the cabin area. Brandmotion recommends using an existing grommet and to avoid drilling through the firewall as there may be components/harnesses that could be easily damaged.



- Once inside the cabin, route the sensor cable up the A-pillar and insert into the mirror harness in locations 6 and 7. (This is a resistance-based system, so there is no positive or negative and the



wires can go into either cavity.)

CALIBRATION:

- Once all connections have been made and the vehicle has been reassembled, the mirror will display "CAL" on the LCD when the key is turned ON. This means that the system must be calibrated.
- Use the picture below to locate your appropriate zone.



- With the key ON, press and hold the RIGHT button. Release the RIGHT button when "ZONE" appears on the screen.
- Press the RIGHT button repeatedly until the appropriate zone is displayed. After three seconds of no button activity, the zone will be stored.
- The system is designed to automatically calibrate during normal driving. You can speed up the process by driving the vehicle to a safe, open area and slowly driving in a circle until the "CAL" letters disappear.

Harness Pinout:

Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7
Ignition +	Ground	N/A	N/A	N/A	Temp 1	Temp 2

For technical support questions, call 734-619-1250 and follow the prompts for installation assistance.