

GCOMTM *systems*



Owner's Manual

EV486A

**Replacement Mirror Monitor System
with Auto-Dimming**

V2.0

⚠ WARNINGS ⚠

- **THE FOLLOWING INSTRUCTIONS ARE INTENDED FOR AUTHORIZED GCOM SYSTEMS INSTALLERS ONLY.**
- **PROFESSIONAL INSTALLATION BY AUTHORIZED GCOM RETAILER REQUIRED TO BE COVERED UNDER WARRANTY.**
- Dropping your EV486A unit or subjecting it to excessive shock and vibrations as this may cause it to malfunction and is not covered by warranty.
- **The EV486A unit IS NOT WATERPROOF.** Avoid exposing it to rain or other forms of excessive moisture. **Water damage is not covered under the warranty.**

1. Installation

- 1) Remove existing mirror from vehicle.
- 2) If existing mirror tab is D-tab style mount EV486A mirror to windshield and go to step 3. If original mirror is not D-tab style or headliner mount go to step 2a.
- 2a) Locate the supplied D-tab and the rearview mirror adhesive and install on windshield as per adhesive instructions.

Note: DO NOT ATTEMPT TO REMOVE THE EXISTING TAB AS DAMAGE TO THE WINDSHIELD MAY OCCUR

- 3) Remove the knee bolster on the driver side as well as the A-pillar cover (it may also be necessary to remove the sun visor and maybe even the overhead console in order to freely route the power harness from the knee bolster to the mirror connector).
- 4) Connect the power harness to the mirror and use supplied mirror harness wire cover in order to neatly route the cable up the windshield to the headliner.
- 5) Reassemble all above covers and make connections at knee bolster.

2. Wiring

RED- 12V+ Ignition

Black- Chassis Ground

Green- Not Used

VIDEO Camera RCA- Video input for camera (priority). The circuit switches automatically when video is sensed by powering up the reverse camera

VIDEO IN RCA- AUX Video input (DVD, MP4 etc.) This circuit is secondary and so it will be over written when Camera video is sensed.

Alternative wiring method for NOT having the GREEN light ON all the time

Do not use this method if Video 1 & Backup Camera input are in use

- 1) Connect the camera's 12V and GND wire to reverse tail lamp.
- 2) Connect the camera's RCA to the mirror's Camera input
- 3) Connect the EV486A 12V+ wire (RED) to the camera's "reverse power anode output" (RED) near the RCA
- 4) Connect the EV486A ground wire (BLACK) to chassis GND

3. Setup

- 1) Turn Ignition ON
- 2) If AUX video 1 source is connected (turn video source ON then press PWR button on mirror and the image should appear on screen)
- 3) Shift vehicle into reverse, the camera image will appear on the screen
- 4) Shift vehicle out of reverse and the camera image will disappear and go back to its previous stage
- 5) The white window on the left side of the power button is the photo sensor to activate the monitor self-dimming/auto-brightness.

4. Power Button Operation

CAMERA input mode: Adjust brightness of screen

VIDEO 1 input mode: Turns ON and OFF LCD

5. Removable Mount Structure

EV486A is equipped with the removable mounting stem structure, which allows to exchange with the following available ball joint mounting stems.



6. Trouble Shooting

Q: The Green LED never turns ON and I do not get a picture?

A: Test to confirm that (+ & -) are connected properly and fuse is good.

Q: The Green LED is ON but I do not see any picture?

A: Make sure that the video RCA's are connected properly and that the camera is powered up properly as per camera instructions.

Q: The Green LED is always ON?

A: Follow the "Alternative installation method"

Q: The image on the mirror is opposite (left is right and right is left) what is wrong?

A: The **White** jumper on the camera harness is connected (should be cut in half).

Q: I do NOT like the parking lines, how can I turn them OFF?

A: Connect the **Green** jumper at the camera harness to turn the parking line feature OFF.

7. Technical Support Contact Info

If you have other questions about the **GCOM EV486A**, please contact your retailer or Technical Support:

- Telephone: **1-877-777-8811 (within USA only)**
- Web Address: **www.gcomsystems.com**



www.gcomsystems.com

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