

**FullVUE Rear Camera Mirror
for Jeep Wrangler JK 2007-2018
(FVMR-8866)**

Please read so you do not VOID the warranty:

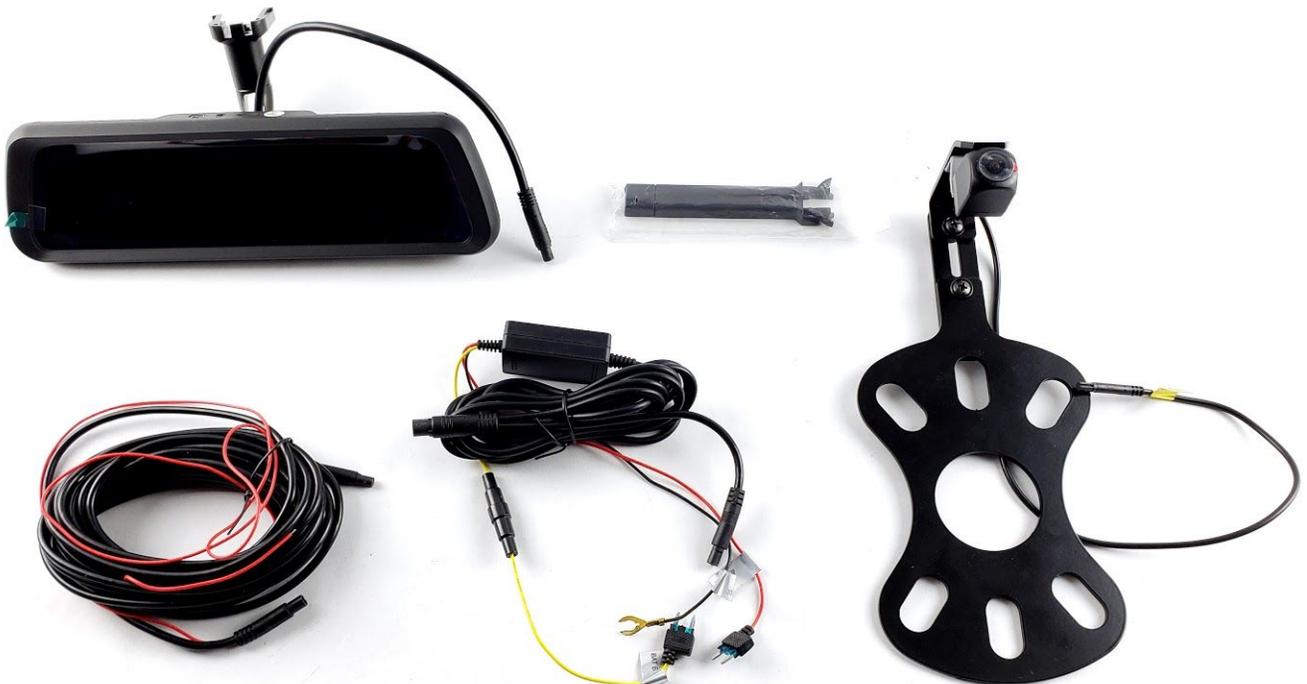
If the camera harness is run through the center of the camera bracket, it will cut the camera harness. This will void the warranty on the camera.

Items Included in the Kit:

FullVUE Mirror
Mirror Mount
Rear Camera/on jeep bracket
Mirror Power Harness
Camera Chassis Harness
These Instructions
Chassis harness
Bag with Wire Ties & 3 Push Nuts

Tools & Supplies Needed:

Wire strippers
Wire cutters
Electrical tape
Zip ties
Plastic panel removal tools
Digital Volt Meter / BCM safe test light
Screwdriver
Socket set
Wrench



Safety Precautions:

- Work in a 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 please visit www.brandmotion.com**

Mirror installation:

1. Remove old mirror from mount on windshield as per manufacturer's directions. Be sure to use proper removal tool if required.
2. Install new mirror on to D-tab and tighten with a Phillips screwdriver. Take care not to overtighten. Overtightening could result in damaged windshield. Route the harness down the A-pillar to desired location in passenger kick panel.
3. Connect the RED wire from the mirror harness to 12-volt accessory power.
4. Connect the BLACK wire to a solid ground. Chassis ground in kick panel is recommended.
5. Connect the YELLOW wire from the mirror harness to the 12-volt constant in the vehicle.
6. Test mirror by turning on ignition power. You should be able to see the front camera after mirror powers up. Repeat test once rear camera is installed

Rear Camera Install

1. Loosen lug nuts to remove the spare tire.
2. Slide Camera on studs placing harness end inside of tire carrier.
3. Temporarily replace spare tire to check wheel clearance to Camera. Adjust camera head to fit your specific wheel. Bracket is shipped in factory wheel configuration



Adjustment Bracket for Camera Clearance using Phillips Screwdriver and 3/8" Wrench or Socket Drive

INSTALLATION INSTRUCTIONS

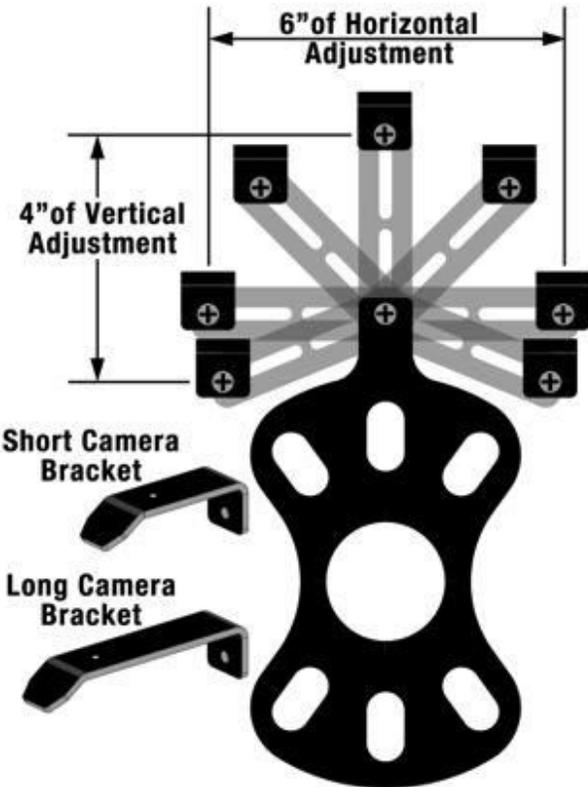
6. Plug the Camera connector into the Chassis Harness connector, and insert RCA connector end of supplied Chassis Harness through the rear gate vent behind tire carrier.



7. Using a plastic trim removal tool, remove interior panels on the inside of the rear gate.



8. Pull the harness through the rear gate openings



4. Short Bracket has been designed for Factory offset wheels. Use the Long Bracket for wheels with larger offsets
5. Remove spare tire and slide (3) supplied Push Nuts on the studs.



- 9.** Use supplied Wire Ties to secure Chassis Harness to existing harness.



- 10.** Use supplied Wire Ties to secure Chassis Harness to fabric factory wire cover. CAUTION: Leave enough slack to allow the gate to open fully.

- 11.** Use a T20 Torx bit to remove the subwoofer box. (If equipped)



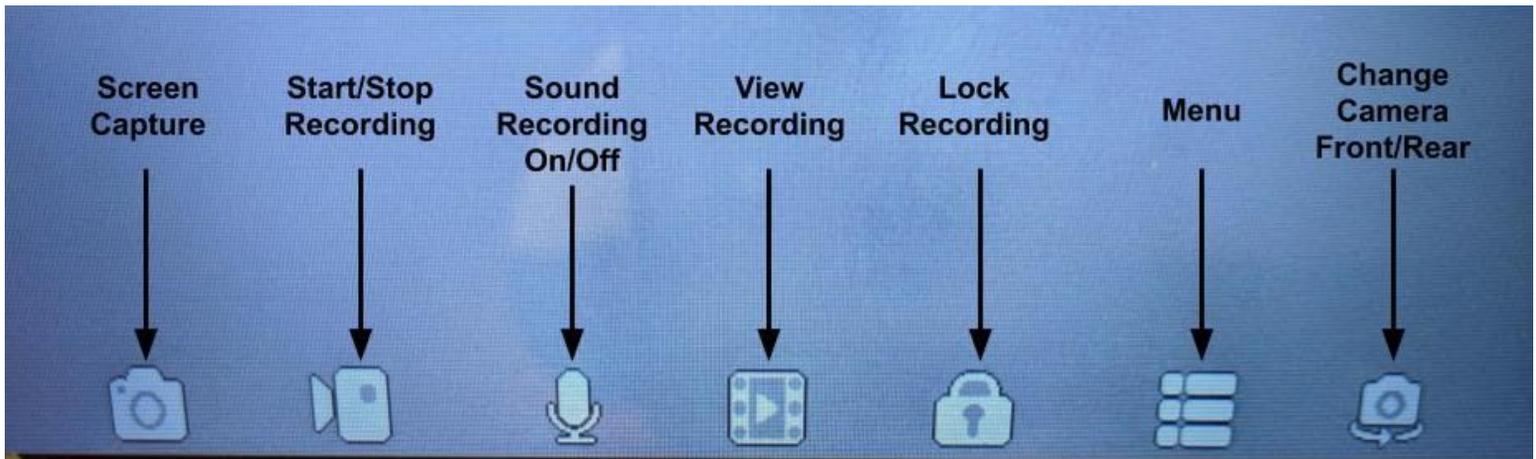
INSTALLATION INSTRUCTIONS

- 12.** Using a plastic trim removal tool, pry off rear seat belt closeout.
- 13.** Using a plastic trim removal tool, remove rear access panel to expose 10mm bolt, and remove bolt.
- 14.** Pull out subwoofer box slightly to gain access to run Chassis Harness along existing harness
- 15.** Pull back the carpet and continue running Chassis Harness forward.



- 16.** Run Chassis Harness under B-pillar cover to passenger door sill. Use a plastic trim removal tool to remove the (2) plastic push pins and remove passenger sill plate/kick panel.
- 17.** Continue routing chassis harness up the passenger A-pillar then across the headliner the the mirror harness for connection.
- 18.** Power mirror up and check rear camera. You should be able to see both front and rear camera on your mirror.

FullVUE Mirror UI Instructions:



1. Touch screen once to bring up User Interface
2. Swipe finger left or right to switch camera views
3. Use +/- on left side of screen to adjust brightness
4. Use icons at the bottom of the screen for respective functions

“Lock Recording”

- Touch the “Lock Recording” button to save recording under the locked file folder in the view recording menu. See “View Recording Menu Instructions”.

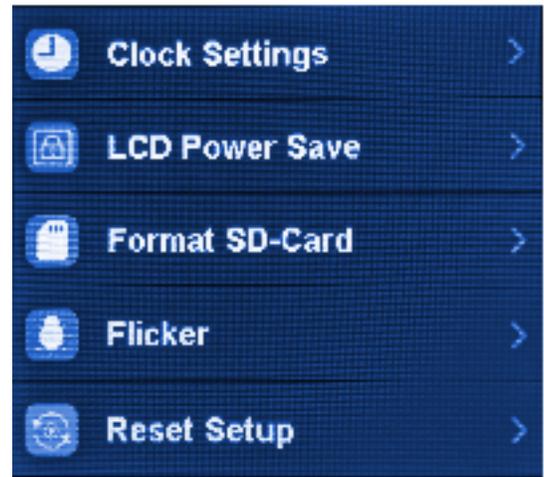
“View Recording”

- This will open your video playback menu items. For more information, see “View Recording Menu Instructions”

“Sound Recording On/Off”

- This option will toggle the audio capture in your DVR recordings. If you wish to change this option at any time, use this function.

Menu Item Instructions:



StreamingMedia

Toggle NightSight On/Off (Turn on under low light conditions for clearer image on mirror)

Choose: StandardVideo for regular use/EnhancedVideo for crisp color/Evening Light for sunset or dusk lighting conditions

Protect Level

Select sensitivity for auto locked event recording for DVR. When the G-Sensor feels shock, it will automatically lock the recording on the SD card for later use.

Choose: Off/Low/Medium/High

Parking Monitoring

-Select High/Low for G-Sensor Initiated recording. These files will be auto locked and record for 1 min.

8hr/12hr/24hr parking monitoring that will record in a time lapse video mode. It will capture 1 frame every second without audio. Every 2 minutes of video will be 1 hour of recording in this mode

Reverse Mode

Panoramic Mode: Mirror will overlay park lines on the standard rear camera view without changing perspective.

Full Screen: Mirror will zoom out and show the full camera view with parklines overlaid.

Volume

Adjust UI control and video playback volume

Clock Settings

Set date and time for UI

LCD Power Save

Select automatic screen save Off/1min/3min

-Screen will go black after 1 min or 3 min of no use, if selected.

Format SD-Card

Format/Reformat Card. Be sure to save all wanted footage on another device before reformatting

Flicker

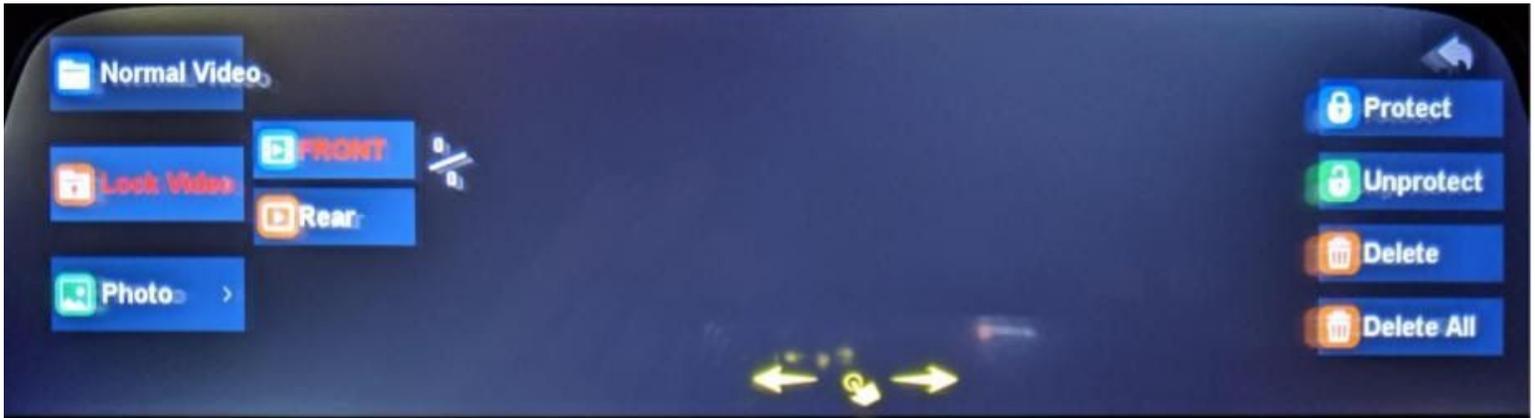
-Adjust video frame rate 50Hz or 60hz (frames per second)

-This setting will change how smooth the video will play back and will affect LED headlight flicker. If headlights in mirror are flickering excessively, try changing this setting.

Reset Setup

Reset all settings

View Recording Menu Instructions



Normal Video

This is where all general video recordings can be found. All files in this folder will be overwritten if SD card runs out of space. DVR will overwrite the oldest files first.

Lock Video

Pushing the "Lock Recording" button on the main user interface (shown on page 3) will save the respective video in this folder. All files saved in this folder will not be overwritten, even if the SD card runs out of space.

Photo

This folder will hold all screenshots taken using the "Screen Capture" button on the main user interface shown on page 3.

Front and Rear

Front and Rear camera views are separated in each main folder. Use front or rear button to view recordings or photos of the desired camera view.

Protect and Unprotect

These functions will not protect the video from being overwritten. Protecting a photo or recording means that if the "Delete All" function is used, the protected files will not be deleted. If you do not want to delete specific files, protect them and "Delete All" will delete all other files inside the folder. See "Delete All" for functional details.

Delete

This button will delete only individually selected files. If the file is protected, it will not delete that file.

Delete All

The function will delete all **unprotected** files within a folder. It **will not** delete files in both front and rear. It will only delete files in the folder and camera view you have open.

In other words, if you are viewing all files saved under Normal Video → Front and push "Delete All", only front camera files will be deleted. Rear camera files will still be saved