

# REVCAMUK

Reversing cameras UK Ltd

## CAM667 Side View / Reverse Camera



Thank you for your purchase of our plastic bodied side view camera. Although marketed for side view, people often still use this as a reversing camera to fix on to the rear wall of a Motorhome or other vehicle. In fact an almost identical model is fitted as standard to some Swift Motorhomes.

These notes have been produced to assist in your installation of this camera.

### What's in the box:

Camera

Rubber Gasket/Base

4 Screws

Allen Key

Blanking Gromet (black only)



### Step 1 - Opening the camera up

Before we can fit the camera we must open it up to gain access to the base. Please use the Allen key provided to remove the 5 screws from the camera. When you loosen the screws the nut to the rear of the camera will likely drop, please ensure you are somewhere where these will not get lost.

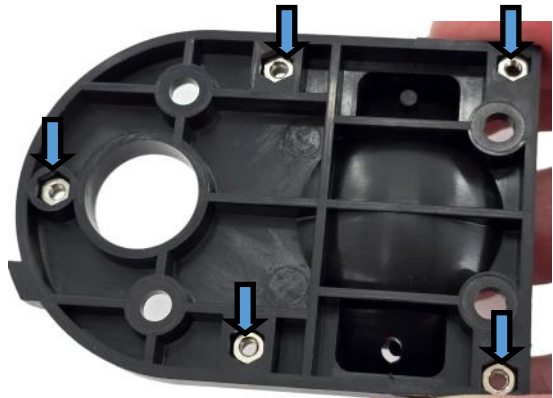


### Step 2 - Plan where you intend to mount the camera

Find a sensible location for mounting your camera. Be aware the location will need to give you access to the cable. Also ensure it avoids any hazards e.g. wires behind the wall (ensure the surface is suitable for screws e.g. no carbon fibre etc). The camera comes with a rubber gasket for the base. There are pre-cut holes in this that will need pushing out. We recommend using this to work out where you will be drilling the screws in and cutting the hole for the connector to fit. Draw a circle where the connector hole is and mark where the screw holes are (careful the gasket doesn't move whilst you are marking).

### Step 3 - Make the screw pilot holes and cable entry hole

Using your markings from Step 2 drill the entry hole for the cable, if you intend to use the pre-attached rubber grommet this has an approximately 19mm internal diameter, we recommend making the hole either 18.5mm or 18mm so that there is good compression. We always recommend making small pilot holes for the screws, using your markings from Step 2, drill the 4x pilot holes for the camera screws. We recommend adding a bit of sealant to these holes for good measure.



### Step 4 - Prepare the base

Add the 5x nuts back in to the base of the camera. See image to the right.

### **Step 5 - Fix the base to the vehicle**

This is the trickiest part to the process, mainly because of the danger of the 5x nuts on the rear of the camera dropping if you tilt forward too early. Ensure you are performing this in a location that is easy to retrieve any that may drop i.e. not over a storm drain. It may also be wise to have a second pair of hands to assist, holding tools and screws ready for you to use.

Hold the rubber gasket in the prepared location for mounting whilst also carefully bringing up the prepared base from Step 3 (with the nuts in the bottom). Very carefully tilt this base up until it meets the rubber gasket and push this firmly so no nuts drop down to the floor. Pro tip : If you can, park the vehicle on a kerb so that the vehicle wall angles towards you, this will reduce the chance of any dropped nuts from tilting the base.

Next, after ensuring the base is flat against vehicle screw the self tapping screws in to the 4x pilot holes you made earlier in step 3, this will secure the base to the vehicle along with the rubber gasket.

### **Additional Step for black cameras only**

The black camera has a cut out to allow for the cable to exit from the rear of the camera instead of the base. We have provided a 9mm blanking grommet in order to fill this hole. Please add it to the cut out as shown in the photo.



### **Step 6 - Feed your camera cable through the cable entry hole**

Take the connector from the camera and feed this through the hole you produced in step 3. If you drilled it large enough for the grommet to fit, install this in to position too.

### **Step 7 - Set your camera orientation**

How you fix your camera in position will depend on the location you plan to mount it. See the image below for the position the ball will have to be held in order to achieve this.



**Note the position of the green IR light sensor. This should always be at the BOTTOM of the camera.**

### **Step 8 - Fixing the Pod back on to the camera base to secure the ball camera in set position**

This final step will lock everything in place. You will need the 5 small screws that you removed in step 1. Ensuring that the camera ball is set to your desired position (shown on image above), add the top of the pod back on to the camera and secure using the 5 screws and Allen key. Ensure that each one is tightened up sufficiently as this prevents movement of the camera.

### **Step 9 - Connect the camera on to cabling and follow any instructions for your reversing camera monitor**

Connect the 4 pin fly lead to any extension leads that you ordered, and then connect the extension to your monitor display.

### **Step 10 - Have a cuppa!**

Relax, admire your handywork and enjoy a cup of your favourite beverage.

**Safe Travels from the REVCAMUK team**