



## S-Series Camera Install Guide.

The following instructions apply to the installation of Gatekeepers S-Series camera. It is essential that these installation instructions are followed for correct installation. DO NOT disassemble the Camera Ball as there are no user serviceable parts contained within. If the Camera Ball has been tampered with the warranty is void.

- A. Rubber gasket
- B. Base Plate
- C. Camera Ball
- D. Camera Collar
- E. Retainer Ring

1. Disassemble the S-Series camera into its five major parts, A, B, C, D, E and carefully place all parts in a clean work area.
2. Position the Base Plate (B), in the location the camera is to be mounted. Ensure that there are no gaps between the Base Plate (B) and the mounting surface. If there are gaps, relocate the camera to a position where there are no gaps.
3. Note the location where the camera harness will come through the bodywork of the vehicle. Drill a 3/8" hole in this location. This 3/8" hole MUST be directly in the center of the Base Plate (B) to allow for the terminal end of the camera harness to correctly connect to the Camera Ball (C). Alternatively, when access behind the camera is not possible, the cable can be routed from the side through one of the cut out notches B1 in the camera base.
4. Center the supplied template guide over the 3/8" hole and mark the location for the 4 screws used to secure the camera base to the vehicle. Alternatively, center the camera base over the 3/8" hole and mark the location of the 4 screws used to secure the camera base to the vehicle. In both cases, ensure that one of the camera cut out notches, B1, is aimed at the viewing target. Drill a suitable pilot hole to accept a #6 screw for each of the supplied screws.
5. Remove the backing on the supplied Rubber Gasket (A) exposing the adhesive. Secure the Rubber Gasket, adhesive side down to the Base Plate (B). The Rubber Gasket is supplied to reduce the possibility of any rattling noise between the camera and vehicle that may be picked up by the microphone. Using the supplied Tek Screws, secure the camera base to the vehicle.
6. Connect the Camera Ball molex connector to the connector at the end of the camera harness. Hold the Camera Ball firmly against the Base Plate with the Microphone, C1, pointing downwards. Position Camera Collar (D) over Camera Ball (C) with the lens window centered in the arched cut away in the Camera Collar.
7. Hold Camera Collar (D) securely while threading on the Retainer Ring (E) until finger tight. **Note...** Be careful not to cross-thread the components.
8. To aim the Camera Ball (C), video from the camera can be viewed by connecting a monitor to the back of the DVR "AV-Out" port with the Video Adaptor Cable found in the Intermediate Download Kit.
9. Re-position Camera Collar (D) prior to tightening down the Retainer Ring (E) so that it does not interfere with line of sight of the camera and IR LED's in the Camera Ball (C). **Note...** Ensure that the Camera Ball and Harness pigtail is not pinched or trapped between the Camera Ball (C) or the Base Plate (B), it must be able to move freely.
10. Tighten all accessible set screws on the Retainer Ring (E) and Camera Collar (D). In some installations several of the set screws will not be accessible due to close proximity of the camera to the vehicles bodywork. In this situation tighten down the set screws that are accessible.



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