

Orlaco Replacement Reversing Camera and Adaptor Bundle Installation and Replacement Guide

Introduction

This guide explains how to install the replacement reversing camera and adaptor bundle on machines originally fitted with Orlaco, Famos or Scania-style eyeball cameras. It covers both installation methods: fitting the new camera using the supplied housing, or reusing the original Orlaco housing for a near-OEM finish.

This guide mainly refers to replacing a failed or damaged Orlaco-type eyeball camera using the original metal bracket and housing, but can also be used to cover a fresh install of a new camera with our housing. The process is straightforward and typically requires only basic tools.



What the bundle includes

- 12–24 V Sony CCD eyeball reversing camera (black finish)
 - Orlaco/Scania/Famos-compatible 4-pin adaptor cable
- (Compatible with many factory-fitted OEM systems including selected JCB, Komatsu and Liebherr models)

The adaptor allows the supplied 4-pin camera to plug directly into original Orlaco-type monitor systems without rewiring.

Two installation methods

There are two ways to install this camera depending on your situation.

Method 1 – Fresh installation using the supplied housing



This method is suitable if no original Orlaco housing is present, or if you prefer a clean fresh install.

Steps

1. Position the camera and bracket in the desired location.
2. Mark and drill your mounting holes if required.
3. Bolt the camera bracket into place.
4. Adjust the camera angle you will need to loosen the top two screws to do this.
5. Connect the adaptor cable to the vehicle's existing Orlaco/Famos/Scania-style connector.
6. Connect the new camera to the adaptor.
7. Secure all wiring and test.

Method 2 – Reusing the original Orlaco eyeball housing

This is the most popular method when replacing a failed Orlaco/Famos/Scania eyeball camera. The supplied eyeball camera is able to sit inside the original housing with minimal modification for a near-OEM appearance.

Important note

To correctly fit the new camera into the original Orlaco housing, you must recover the two small rubber strips from the top and bottom of the new housing we provide. These rubber strips provide the compression needed to lock the camera securely inside the original bracket. Without these strips, the camera will not grip firmly.



**Remove
rubber grips
from new
camera**



**Place in to
old camera
housing**

Removing the ball camera from the supplied housing

1. Remove the two screws from the top clamp of the supplied housing.
2. Lift away the top clamp section.
3. Remove the camera ball from the housing.
4. Retrieve the two rubber strips positioned at the top and bottom inside the clamp.

Fitting the camera into the original Orlaco housing

1. Place one rubber strip inside the top of the original Orlaco housing.
2. Place the second rubber strip inside the bottom of the original Orlaco housing.
3. Position the new camera ball inside the housing.
4. Insert the original clamp or cover piece over the top and secure it using the existing screws.
5. Adjust the angle before fully tightening.



Electrical connection

1. Connect the supplied adaptor cable to the existing Orlaco/Scania/Famos system plug.
2. Connect the new 4-pin camera plug to the adaptor cable.
3. Power and video signals will transfer exactly as the original camera did, with no rewiring required.
4. Test the system. You should now have a clear reversing image with full day and night visibility.



Warranty

This bundle includes a two-year guarantee on both the camera and adaptor cable.

Give the camera a quick wipe, take a step back and admire the job well done. Kettle on. Thanks from the REVCAMUK team for your purchase.