

# Lamp kit



## Installation manual Galaxy NW-7

R9843085  
R9843095

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# 1. SAFETY

## 1.1 Safety Guidelines



This procedure is intended for use only by qualified service technicians who have been trained and authorized by Barco!



**WARNING: Hot Surface and Risk of Explosion:** Switch the projector to stand by and let it cool down for at least 15 minutes. These lamps consist of a quartz arc tube operating at very high temperature and high pressure which may explode suddenly. There is a risk of personal injury and property damage from hot quartz arc tube particles if handled incorrectly.



**WARNING: Risk of Electrical Shock:** Power down the projector and unplug the power cord from the wall outlet. Once the projector is cooled down and the power is off, continue with the procedure.



**WARNING: Lamp Runtime Warning:** Do not exceed the indicated maximum total lifetime of the lamp for safe operation in normal power mode. Do not use it longer ! Always replace the lamp with the BARCO lamp kit.



**WARNING: UV Radiation Exposure :** Never light the lamp if the rear cover (lamp cover) of the projector is removed, unless you wear UV radiation eye and skin protection.

## 1.2 Recycling guidelines



**CAUTION:** To avoid breaking the lamps, repack carefully when storing and transporting them.



**CAUTION:** Lamps may not be disposed as normal household trash.

Contact your local waste disposal facility for information on the recycling program for HID (High Intensity Discharge ) lamps in your area.

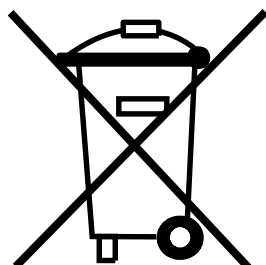


Image 1-1

### Disposal options for Xenon-lamps

- Recycle through a municipal or solid waste district household hazardous waste collection program in accordance with local regulations.
- Direct shipment to lamp recycler
- Shipment through a hazardous waste transporter



## 2. KIT DESCRIPTION

### Overview

- Kit information
- Kit content

### 2.1 Kit information

#### Scope

The projector type determines the kit to be used:

Projector type	Kit number	Description
Galaxy NW-7	R9843085	New Xenon lamp
	R9843095	Refurbished Xenon lamp



**CAUTION:** Do not touch the cover glass with your fingers. If the lamp is touched, finger prints can be removed by cleaning the lamp with alcohol.

### 2.2 Kit content

#### Kit overview

Depending on the kit number , the kit contains a new lamp or a refurbished lamp. Content of the kit is as follows:

Kit number	Description	Quantity of lamps	Manual
R9843085	New Xenon lamp	1	R59770151
R9843095	Refurbished Xenon lamp	1	R59770151



## 3. LAMP REPLACEMENT

### Procedure to replace the lamp

You need to go to all of the following procedures to replace the lamp of the projector.

#### Overview

- Removing the rear cover
- Removing the fan outlet
- Removing the lamp
- Installing the lamp
- Installing the fan outlet
- Installing the rear cover

### 3.1 Removing the rear cover

#### Necessary tools

Philips Ph2

#### How to remove the rear cover?

1. Remove the fixing screw

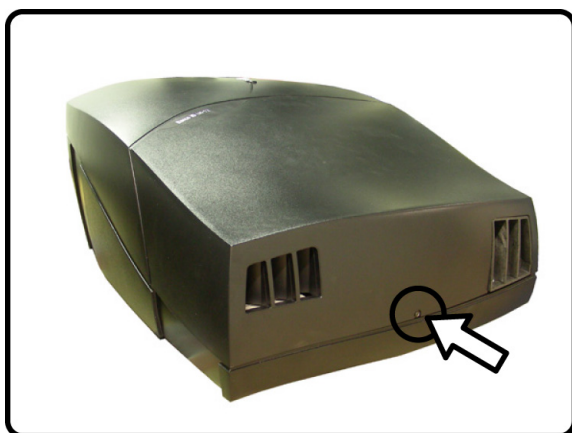


Image 3-1  
Rear cover: fixing screw

2. Lift the back side of the rear cover and pull it backward to remove it



Image 3-2  
Tilt the back side of the rear cover



Image 3-3  
Pull the rear cover backward



Image 3-4  
Rear cover removed

### 3.2 Removing the fan outlet

#### Necessary tools

Slotted screwdriver 5 mm

#### How to remove the fan outlet?

1. Remove the rear cover (see concerning chapter)
2. Remove the fixing screw of the fan outlet

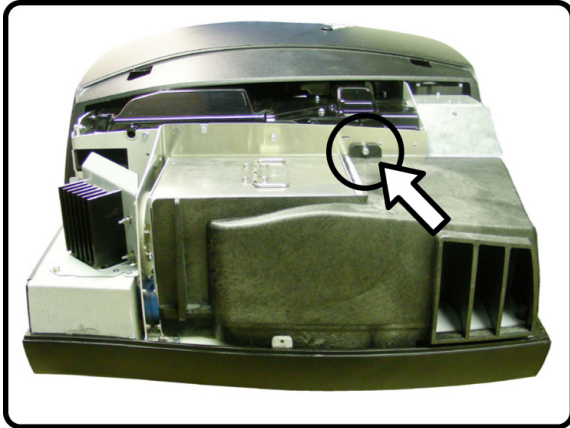


Image 3-5  
Fan outlet: fixing screw

3. Take out the fan outlet by lifting it

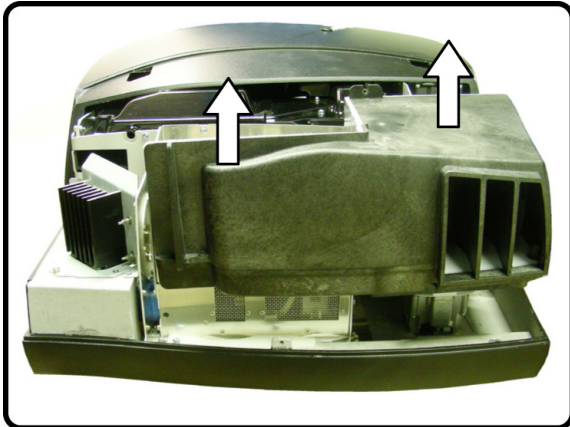


Image 3-6  
Fan outlet: lift to remove

## 3.3 Removing the lamp

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#### Necessary tools

Slotted screwdriver 4 mm or 6 mm

#### How to remove the lamp?

Make sure the projector has finished its cooling down cycle and wait for 15 more minutes before starting this procedure.

1. Remove the rear cover (see concerning chapter)
2. Remove the fan outlet (muffler) (see concerning chapter)
3. Release the two no-drop screws of the lamp



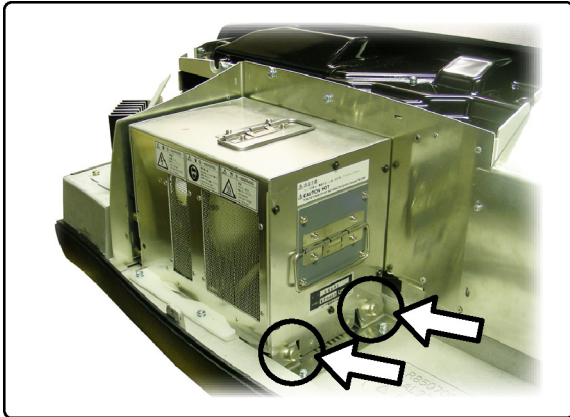


Image 3-7  
Lamp: fixing screws

4. Pull the lamp to the left side of the projector (= away from the connector) until the lamp feet are free and the lamp can be lifted  
**Tip:** Use the handle at the rear side of the lamp.

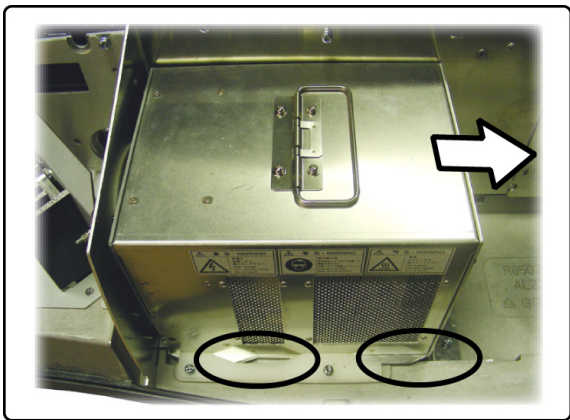


Image 3-8  
Lamp: removing

5. Lift the lamp to remove it  
**Tip:** Use the handle at the top side of the lamp.

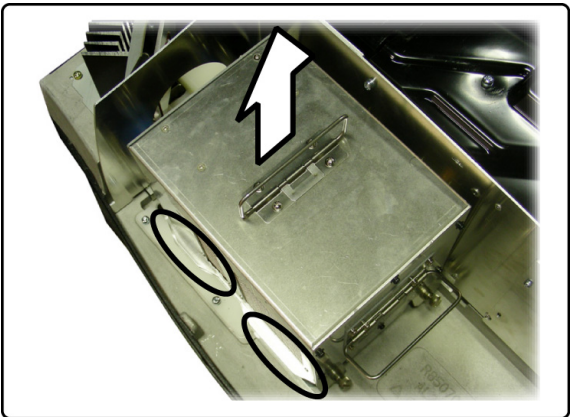


Image 3-9  
Lamp: removing

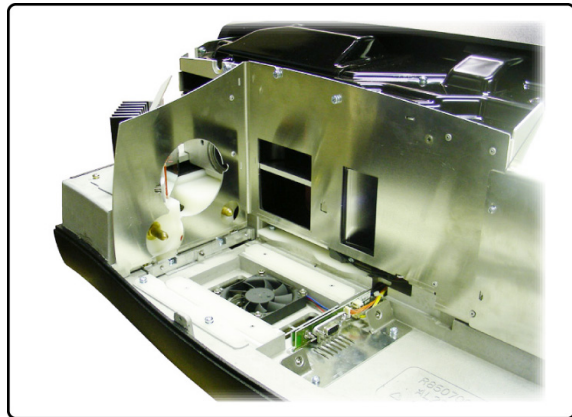


Image 3-10  
Lamp: removed

## 3.4 Installing the lamp

### Necessary tools

Slotted screwdriver 4 mm or 6 mm

### 3. Lamp replacement

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#### How to install the lamp?

1. Put the lamp in that position where the lamp feet fit the slider slot

**Tip:** Use the top handle of the lamp

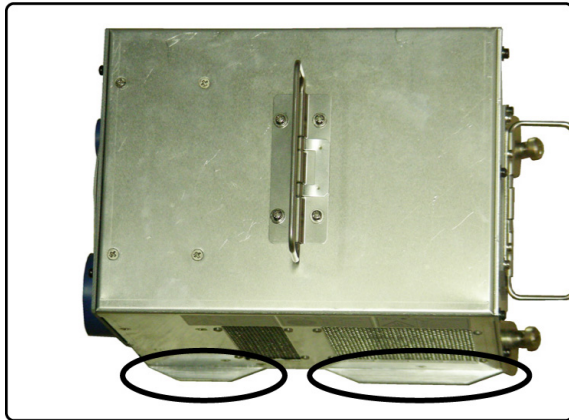


Image 3-11  
Lamp feet

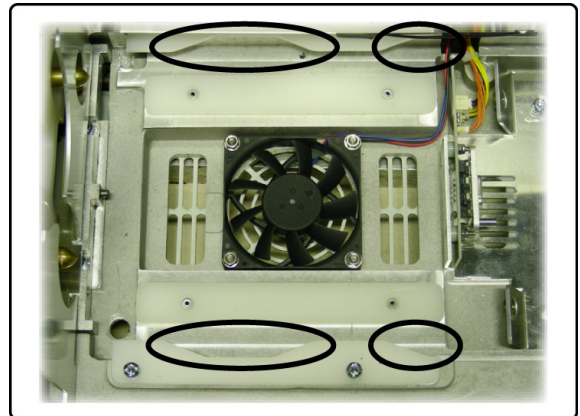


Image 3-12  
Lamp house: slider slot

2. Push the lamp down until it is at the bottom of the projector

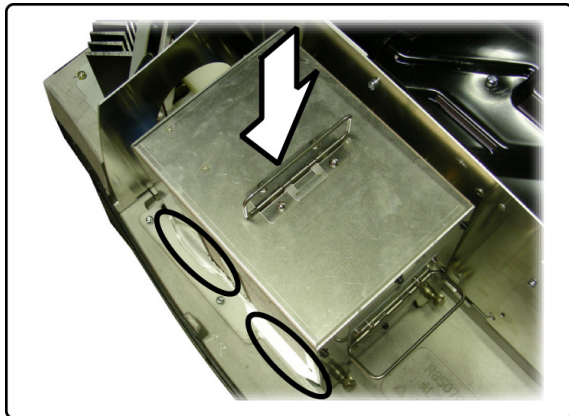


Image 3-13  
Lamp: installation

3. Slide the lamp to the right side of the projector (= towards the connector)

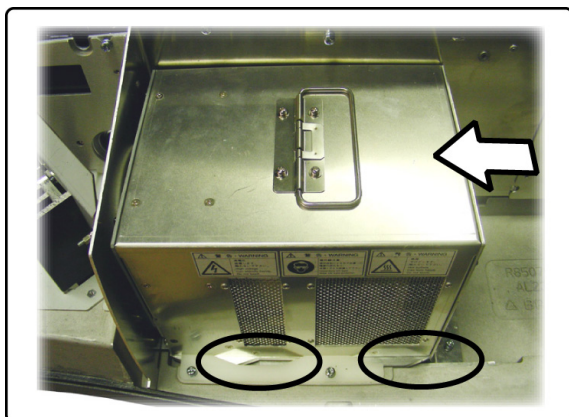


Image 3-14  
Lamp: installation

4. Push the lamp to plug in the connectors

- cathode
- anode
- lamp info connector (bottom side of the lamp)

**Caution:** *If the lamp doesn't slide in smoothly, gently wiggle it until it does.*

*Since the lamp info connector has some backlash, it might not be fully in line with its plug (especially if the projector is not in table mode) making it hard to get it connected. By wiggling the lamp, the correct alignment of the lamp info connector can be easily achieved.*

5. Fix the lamp using the two no-drop screws

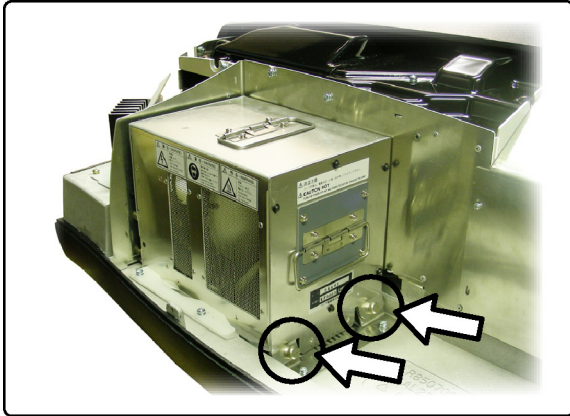


Image 3-15  
Lamp: screws

6. Install the fan outlet (muffler) (see concerning chapter)
7. Install the rear cover (see concerning chapter)

## 3.5 Installing the fan outlet

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### Necessary tools

Slotted screwdriver 5 mm

### How to install the fan outlet?

1. Put the fan outlet in the right position

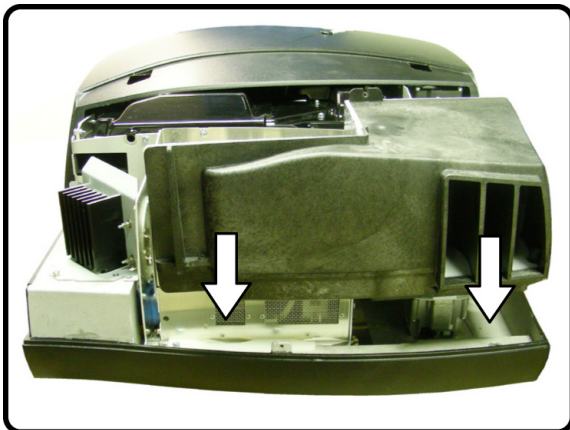


Image 3-16  
Fan outlet: installing

2. Fix the fan outlet to the projector using the fixing screw

### 3. Lamp replacement

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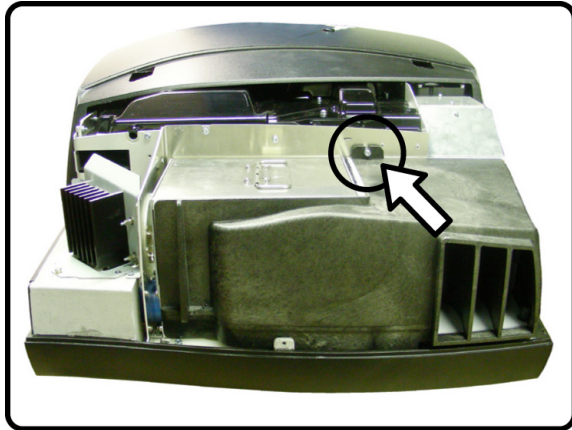


Image 3-17  
Fan outlet: fixing screw

3. Install the rear cover (see concerning chapter)

## 3.6 Installing the rear cover

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### Necessary tools

Philip screwdriver Ph2

### How to install the rear cover?

1. Put both clamps of the rear cover in the holes on the top cover  
**Tip:** The rear cover must be tilted to perform this step!



Image 3-18  
Installing the rear cover: step 1

2. Slide the rear cover forward and bring the back side down

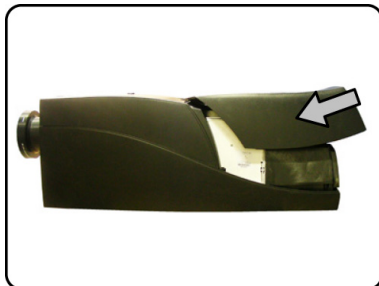


Image 3-19  
Installing the rear cover: step 2



Image 3-20  
Installing the rear cover: step 3



Image 3-21  
Installing the rear cover: step 4

3. Fix the rear cover using the fixing screw



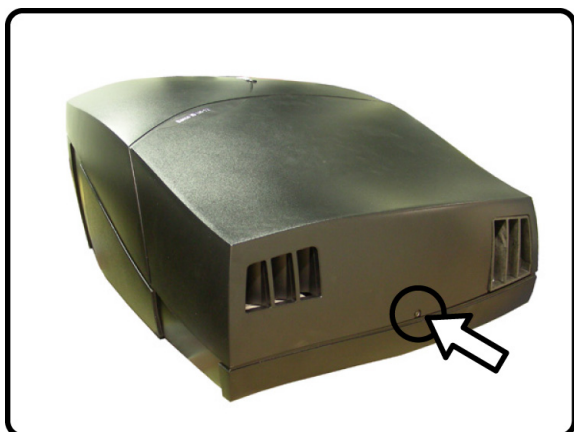


Image 3-22  
Installing the rear cover: step 5



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