

Deep Space Lighting

FREIGHTLINER CENTURY

Bi-XENON HEADLIGHT KIT

Installation Instructions

Estimated Installation Time: 15-30 minutes

Tools Needed:
#2 Philips screwdriver
7/16" Wrench/Socket
Straight pick or contact release tool

NOTE: If the truck has been exposed to road salt or otherwise rusty, soaking the headlight mounting bolts with a penetrating oil is advised.

Package contents:

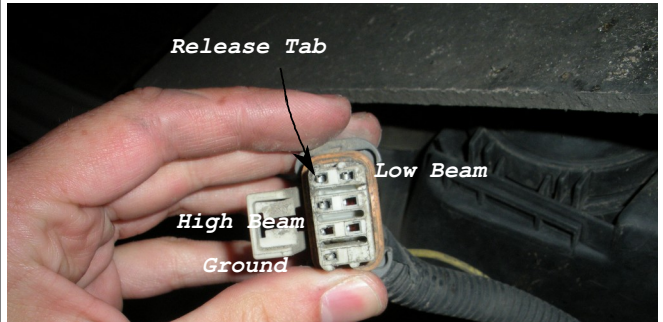
2 Bi-Xenon projector-style headlight housings

1. Remove old headlamp housing:
 - a) Make sure lights are turned off, and raise hood.
 - b) Disconnect main headlight connector (yellow circle)
 - c) Disconnect turn signal bulb connector (blue circle)
 - d) Remove 3 bolts holding headlight onto hood.
 - e) Remove headlamp.

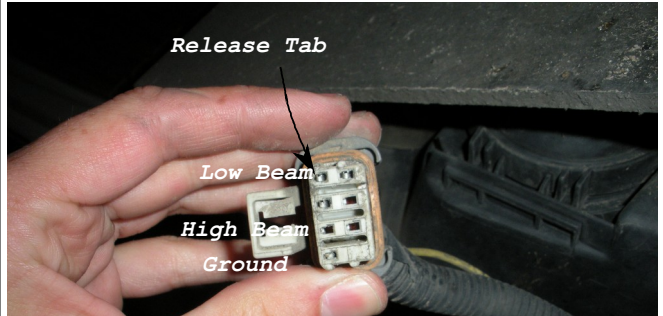


2. Reconfigure pins on main headlight connector:
 - a) Remove retaining clip on back (wire) side of plug.
 - b) Release pin by pressing release tab with pick, contact removal tool, or small screwdriver.
 - c) Insert pins as shown at right. The low beam contact is the only one that needs moved; however, most trucks have an unused wire already in this location. It can be removed and reinstalled in any other pin cavity.

Before:



After:



3. Install new headlamp housing using nuts removed in step 1. The large plastic nuts in the bottom of housing may be adjusted to help in locating lamp in hood opening.	
4. Reconnect headlight and turn signal connectors.	
5. Repeat steps 1-5 for other side of truck. Confirm that both sides are working, and proceed to aiming in next step.	
6. Check headlamp aim by measuring the height of the upper edge of the beam just right of the aiming mark when aimed at a wall approximately 25 feet away. Adjust aim by turning adjuster screw (Philips) between high and low beam covers until top edge of beam on the wall is at the same height as the dimple on lens cover in front of the projector.	