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Halogen Headlights Overview

Dual vs. Single Beam Halogen Headlamps: What is the Difference?

The need for a single or dual filament depends on the type of headlight housing your car has. Housing that requires two separate bulbs to create a low beam and high beam will require single beam headlamps (each with one filament); headlight housing that requires one bulb to create a low beam and high beam will require a replacement of just one dual beam lamp with two filaments.

DUAL BEAM

Two filaments in one lamp; Used for cars with one housing for high and low beams



H4



9003



9004



9007



9008 (H13)

SINGLE BEAM

If you need to replace a Single Beam halogen headlamp, you may be replacing one of two types of lamps:

1

High Beam



2

Low Beam



Focus	Long Range	Short Range
Light Coverage	100m	40m
Beam Angle	Straight	Downwards



H11

Common High Beam lamps



9005

H8

H9



64129 (H16)



9011



9005XS*

Single beam lamps commonly used in either high or low beam applications



H1

H7



64176 (H15)



9006



9012LL

Common Low Beam lamps



H11B

H3



9005L+



9006XS*

*used for Heavy Duty applications



This guide was created for general educational purposes ONLY. Some single beam bulbs can be used as either high or low beam depending on specific applications. To find which bulb you need, please visit our website at www.cecindustries.com.