



GTR Lighting Knowledgebase Article: How to install 9005 bulbs in place of 9145 bulbs

Many vehicles use an H10 or 9140 or 9145 light bulb in the fog lights, but these bulbs are almost identical to the 9005 bulb. The 9005 light bulb is 10x more popular than the H10/9145 or 9140 variant so we normally just sell the 9005 HID bulb for conversion kits.

There is a small modification to make on the 9005 HID bulb to make it fit into a housing designed to take H10/9145/9140, actually - sometimes you don't need to do anything! Many times the new 9005 HID bulb works perfectly without any modification:

New unmodified 9005 Silverstar on the left and modified Silverstar on the right. To install this bulb in place of the standard Philips 9145 you will need to trim the upper left tab as pictured below.



Tab material can be cut very easily with a small course file or a dremel tool. We did not take any exact measurements, but you end up removing about half of the original tab as shown on the right bulb. Material is removed for the top of the tab. During this project avoid touching the bulb. Here is a rear view of the 9005 Silverstar bulbs. Stock 9005 on the left and the modified 9005 on the right with tab shortened. Modify the same tab on each bulb.



It should take about 5 minutes to modify each bulb. Only 1 tab on each bulb needs to be cut down.