

Headlight Bulb Replacement

By Webslinger
with input from the 650 forum and NITF

Replacing you headlight bulb is one of the easiest things you can do to this bike.....

Yamaha parts reference...5V2-84314-00-XX BULB (12V-60/55W) (H4) HALOGEN

H4-9003 will work just fine – most are 60/55W –Standard 55w/65w 9003 halogen bulbs are available at any auto parts store for about \$8 each. For about \$15 or so, you can get alternative wattages like 65w/80w or 80w/100w. Personally, I don't care for these bulbs. They tend to be quite fragile and break easily from vibration. They also happen to be illegal in some states, although it's hard to imagine a cop checking your headlight wattage.

Xenon charged halogen bulbs are considerably brighter. There's a lot of advertising talk about 4000 degree temperature equivalents. It's marketing nonsense - what you care about is lumens (light intensity), not color spectrum. The blue tint on the glass of these bulbs is to absorb much of the yellow light, and make you think the bulb is whiter (hotter) than it is. This is actually bad for us: the reds and oranges penetrate fog twice as far as the blues, so the blue tint means these are terrible bulbs in fog or rain. But, the xenon gas charge means they put out about 20% more light for a given wattage, and that's a good thing.



[8-9003](#)
H4 Halogen,
12V,
9003
connector
(P43t Base)

Osram Silver Star H4 2 Pack



Osram Silver Star H4 2 pack

50% more light on the road and the winner of the Auto Express 2003 Autobulb Test!

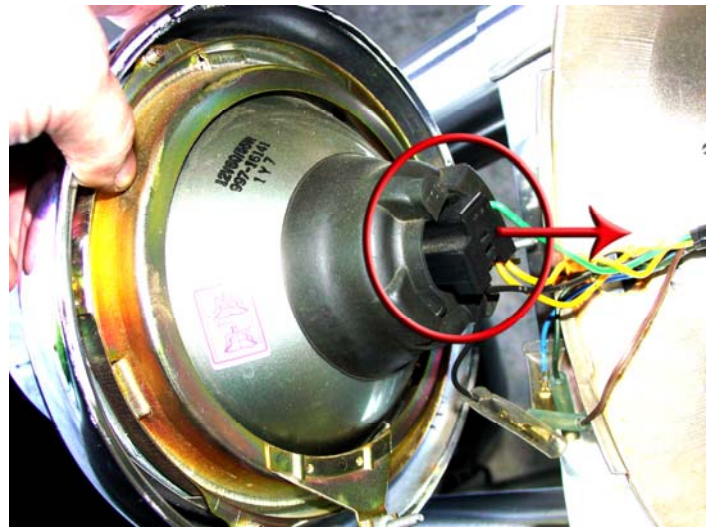
Produced by one of the world's leading automotive lighting manufacturers, Osram Silverstar meets and exceeds the quality and performance you'd expect. Awarded the Auto Express 'Best Buy' award, it really is one of the best bulbs you can install in your vehicle. Here are just a few of the benefits:

- Giving up to 50% More Light on the road
- Objects and situations can be seen clearly at a distance of 75 meters
- Service life comparable to that of standard H4 and H7 lamps.

Loosen and remove the mounting screws on both sides of the headlight housing



Un-Plug the connector from the back of the bulb – pulls straight off



Remove the rubber dust / moisture cover

Release the tension bulb mounting spring



Replace the bulb – **Caution: never touch the bulb glass with your fingers**

Then re-assemble the headlight housing in reverse order

