

# Lighting System

## Headlights

### Description

The headlights are mounted in recesses in the front of the car and have a high and low beam. The European model has asymmetrical beams which contain a bulb, reflector, and diffusion lens, and are equipped with a parking light inside the headlight housing behind the diffusion lens. The headlights have two elements, 45—40 watt while the parking lights have single element 4 watt bulbs. The two element bulbs are centered in the reflectors and are held by a flanged socket connected to a three-pin plug which can also be used for sealed beam lights.

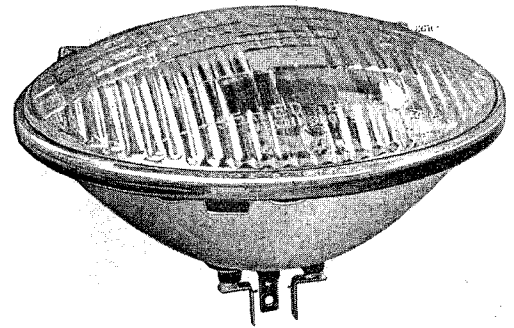


Fig. 54

The sealed beam lamp requires a special adaptor set with holder, adjustment, device, and clear protector lens, available as spare parts No. 644.631.101.31.

Sealed beam headlights are used on vehicles for the USA to meet the requirements of the Department of Motor Vehicles of the various states. These headlights are, however, at the present time not authorized in the following European countries:

France

Germany

Holland

Italy

Sweden

The parking lights for USA vehicles are located in the turn signal lamps. These are 4 watt bulbs located directly above the turn signal bulbs.

The sealed beam unit (Fig. 54) fits the standard three pin socket which is also used for the European headlights. When one of the elements burns out, the entire unit must be replaced.

When a vehicle equipped with sealed beam lights is to be driven in a country where such lights are not permitted, the lights can be easily converted to the required type by the so called sealed beam "Ersatz" set, spare part No. 644.631.106.31.