146 mm halogen headlamp inserts suitable for four headlamp systems. These Hella halogen headlamp inserts are used to replace and improve the high beam light inserts as fitted to vehicles, with four 146 mm diameter headlamps. These halogen light units are easy to fit, as locating devices on the light unit correspond to the vehicle headlamp insert carrier, thus excluding any possibility of incorrect mounting.

**Wiring procedure**

1. ( ) Disconnect the earth cable from the battery.
2. ( ) Disconnect headlamp wiring plugs and remove headlights.
3. ( ) Identify wiring and cut off close to original headlamp wiring plug. Tape up the ends on the passenger side and discard.

4. ( ) **See warning note.** Connect the two cables previously removed from the driver’s side high beam to terminals 85 and 86 of a relay.
5. ( ) Connect a 4 mm cable from terminal 30 of the relay via a fuse (25 amp) to a major active supply i.e. starter, solenoid, alternator or battery.
6. ( ) Fit halogen globes to new light inserts and fit to vehicle. DO NOT TOUCH glass of globes with fingers.
7. ( ) Connect a 4 mm cable from terminal 87 of the relay to each globe (centre terminal of light insert).
8. ( ) Connect the remaining terminal on the insert to earth (vehicle bodywork).
9. ( ) Thoroughly check all connections and wiring. Reconnect earth cable to battery.
10. ( ) Test and align lights.

P.T.O
Warning
It is recommended that a Hella relay is fitted to ensure maximum performance and to prevent overloading of the headlight and dipper switches. It is absolutely essential that a relay be fitted to Japanese vehicles when fitting these inserts due to the different wiring and switching methods used.

**Recommended relays**
**Single relay**
- Hella part no. 3075 – 6 volt
- Hella part no. 3076 – 12 volt
- Hella part no. 3077 – 24 volt

**Replacement globes**
- Hella part no. C655 – 6 volt
- Hella part no. C1255 – 12 volt
- Hella part no. C12100 – 12 volt
- Hella part no. C2470 – 24 volt
- Hella part no. C24100 – 24 volt