

Mounting Instructions for Hella Compressor- Operated Air Horns

Hella Part No. 3PB 003 001...
3PD 003 001...

1.0 Compressor-operated air horns

Hella compressor horns should be mounted where they cannot be seen from outside the vehicle.

When mounting, ensure that the horns are inclined slightly downwards. (Trumpets pointing in the direction of travel).

2.0 Compressor

This should be mounted vertically in the vicinity of the horns. Both the horns and the compressor should be fitted so that they are protected against heat from engine and exhaust pipe.

3.0 Air hoses

The air hose supplied with the horns is for connecting them to the compressor, via the special branch piece provided. Cut the hose into suitable lengths and then connect up. Each connecting hose should be kept as short as possible, so that the horns respond as soon as the horn push is actuated.

4.0 Wiring

Disconnect the battery earth lead (—) before beginning cabling and wiring work.

Fit the relay in a position free from splash water (e.g. in engine compartment) and with the terminals pointing downwards. 2.7 mm dia. holes are required for attachment of relay.

Wire up according to Wiring Diagram ① (Horn push switches —) or Wiring Diagram ② (Horn push switches +). Make sure that the compressor is connected up the right way round.

After completion of the cabling and connecting work, the battery earth lead (—) should be reconnected and the installation checked.

5.0 Fitting in addition to existing horn

Hella Compressor-Operated Air Horns can be fitted in addition to the existing horn. In this case, wire up according to Wiring Diagram ③ (Horn push switches —) or Wiring Diagram ④ (Horn push switches +) and fit Hella Change-Over Switch No. 6FG 002 315-001 (not supplied with horns). 10 mm dia. holes are required.

6.0 Cables

— existing cable

/// cable to be disconnected

— new cables 4 sq. mm with 12 V or 2.5 sq. mm with 24 V equipment

- - - New cables 1.0 sq. mm cross-sectional area

