



Electrical fittings for the trailer hitch

For the Opel Vectra

I. Delivery contents

- 1 x Bulb socket
- 3 x Hexagonal nuts
- 3 x Spring washers
- 1 x Bulb
- 3 x Lens screws
- 1 x Indicator unit
- 1 x Protection cover
- 1 x Socket insert
- 1 x Electric socket
- 1 x Cableform
- 1 x Flat connector sleeve
- 1 x Flat plug sleeve
- 1 x 12 Fold flat plug housing
- 16 x 1.5 cables, single core (for 17 36 286)
- 6 x 1.0 cables, single core (for 17 36 288)
- 1 x Flat connector sleeve (for 17 36 288)
- 1 x Spring contact (for 17 36 288)
- 1 x Fuse insert (for 17 36 288)
- 1 x Installation instructions

II. Preparation for installation

First disconnect the battery earth lead!
Remove the rear bulkhead trim or the rear trim as appropriate.
Bore a 20 mm diameter hole in the pre-marked position next to the cableform for the rear numberplate light (Fig.1). First bore an 8 mm pilot hole and enlarge this with a shell drill to 20 mm. Fit the rubber grommet into the hole. Note: drill holes must be thoroughly de-burred and treated against rust!

Thread the cableform with the free wire ends first through the hole to the outside.

Remove the cover beneath the speedometer dial by lifting its left outermost edge, then carefully insert a screwdriver from underneath in the vicinity of the steering column to release the catch (Fig.2). Release the right catch (Fig.3) in a similar manner and remove the cover.

Remove the upper instruments cover and the speedometer housing and disconnect the speedometer drive cable.

Pull the fuse box downwards and lay a cable from the fuse box to the instrument panel. Additional work: if a permanent plus connection is required on the trailer instead of the rear fog lamp, remove the steering column trim and unplug the 42 pin plug (Fig.4). Lay a cable from there alongside the existing cableform to the fuse box.

III. Assembly

Plug the cableform plug between the standard cableform plug connectors at the rear bulkhead (Fig.5). Lead the cableform outwards through the socket sealing rubber and connect it as follows:



Tag	Cable colour	Function
1/L	black/white	left indicator
2/54g	red or black/blue	permanent power or rear fog lamp
3/31	brown	earth
4/R	black/green	right indicator
5/58R	grey/red	right sidelight
6/54	black/yellow	brake light
7/58L	grey/black	left sidelight

Fit the bulb into the control lamp socket on the instrument panel (Fig. 6). Exchange the standard indicator relay for the relay for use with a trailer (Fig. 7). Connect the cable that was laid to the instrument panel to the indicator relay (A in Fig. 7) and to the control lamp (Fig. 6). Additional work for permanent plus connection: connect the cable that was laid along the steering column to the fuse box to position 2 of the 42 pin plug (Fig. 8) and to the output side of fuse 28. Disconnect the

cable from the input side of fuse 8 and solder it to the input side of fuse 28 (Fig. 7). The input to the fuse is on the relay side. Reconnect the electric plug connector.

IV. Final assembly/testing

Re-assemble all the parts which were removed and re-connect the battery earth lead. Check the function of the electrical circuit as follows:

Use with trailer

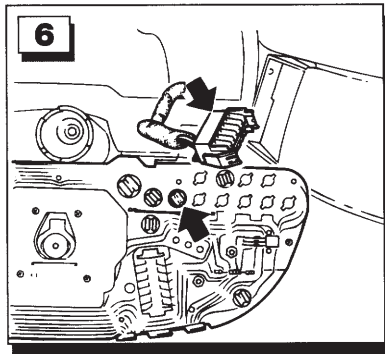
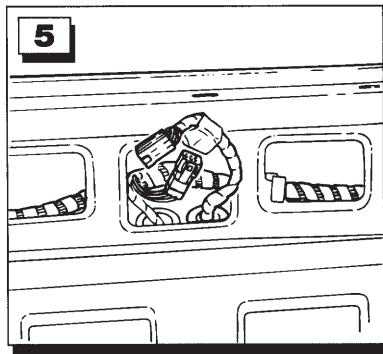
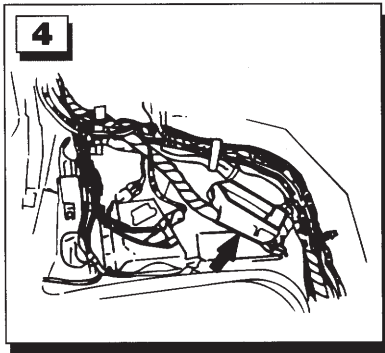
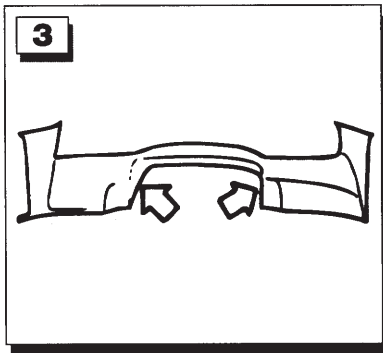
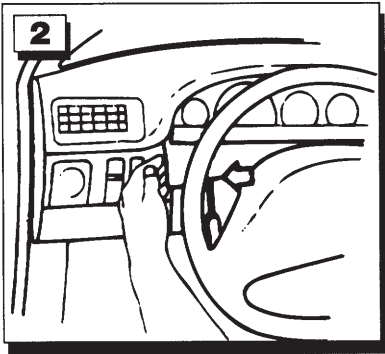
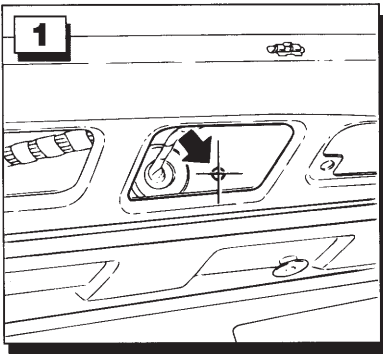
Warning lamp II (additional)	Warning lamp I (standard)	State of the direction indicator on the activated side
flashes	flashes	indicator functioning normally
no flash	flashes	indicator bulb on the trailer or towing vehicle defective
no flash	no flash or flashes at double frequency	one or more indicator bulbs on the trailer and/or towing vehicle defective

Use without trailer

Warning lamp II (additional)	Warning lamp I (standard)	State of the direction indicator on the activated side
no flash or flashes once	flashes	indicator functioning normally
no flash	no flash or flashes at double frequency	one or more indicator bulbs on the towing vehicle defective

Note: A modification to the cooling system may be necessary with some engine types. Your friendly Opel dealer will gladly give you advice in this matter.

part numbers: 90421722 / 90509840



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