

Cruise control system (CCS) for vehicles with petrol engine ► 05.00



Note!

Observe current respective → Current flow diagrams, Electrical fault finding and Fitting locations.

1 - Accelerator

2 - Accelerator positioning element

- q Removing → Chapter
- q Adjusting → Chapter

3 - Vacuum line junction piece

4 - Cruise control system control unit -J213-

- q Removing and installing → Chapter

5 - Relay plate

6 - Cruise control system wiring harness

7 - Cruise control system switch -E45-

8 - Vacuum pump for automatic distance control system -V18-

- q Removing and installing → Chapter

9 - Vacuum lines

- q Leak test → Chapter.

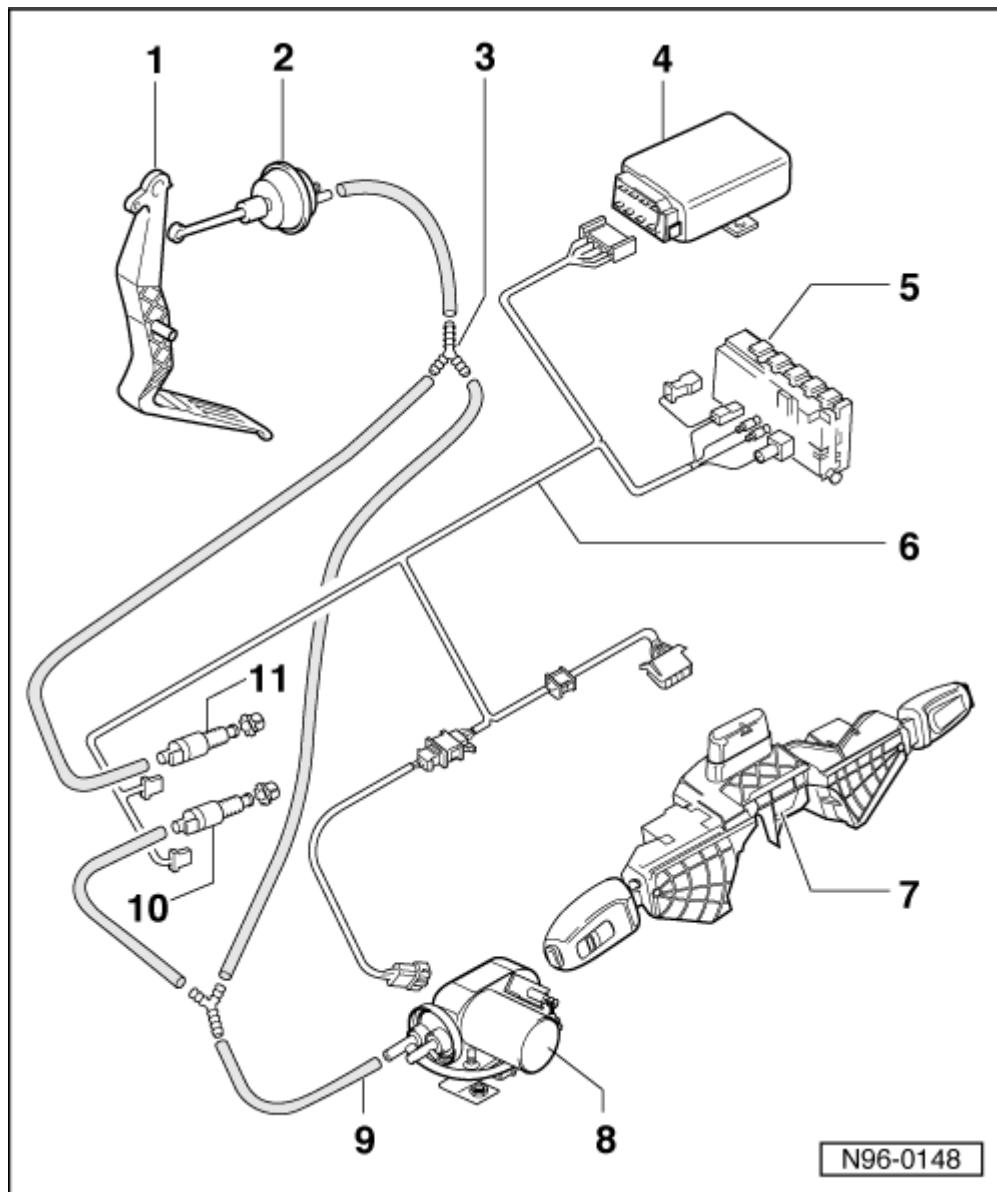
10 - Vent valve with clutch pedal switch -F36-

- q (Not with automatic gearbox).

- q Removing and installing → Chapter

11 - Vent valve with brake pedal switch -F47-

- q Removing and installing → Chapter



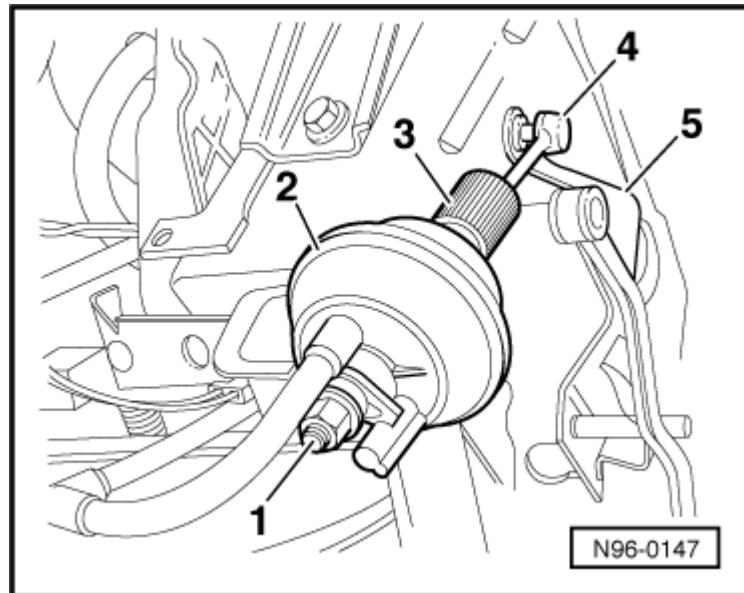
Removing positioning element

- Remove M8 securing nut -1- on bracket for positioning element -2-.
- Carefully pull positioning element push rod -4- out of ball cup.

3 - Adjustment sleeve

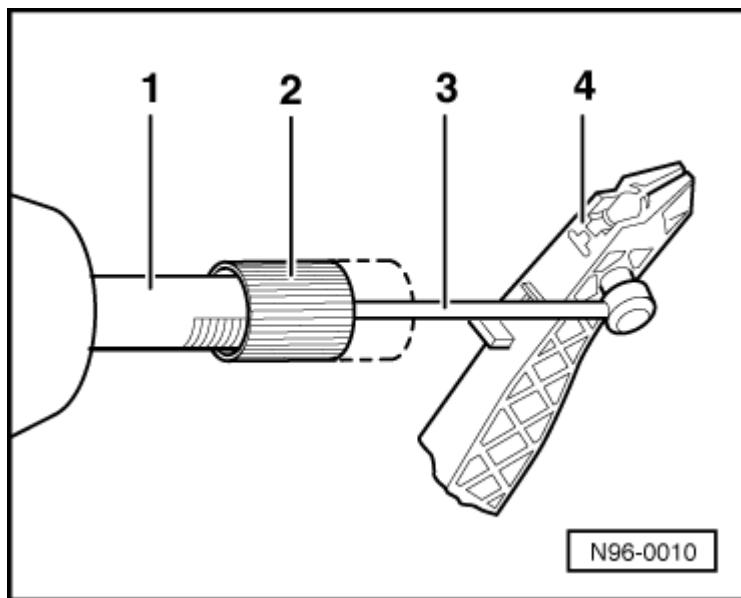
4 - Pull rod

5 - Accelerator



Adjusting positioning element

- Loosen adjustment sleeve -2- on positioning element -1- and slide forwards.
- 3 - Pull rod
- 4 - Accelerator
- Adjust accelerator cable.
- Pull adjustment sleeve to rear until there is a max. play of 1 mm, then lock sleeve by turning sleeve clockwise to stop.



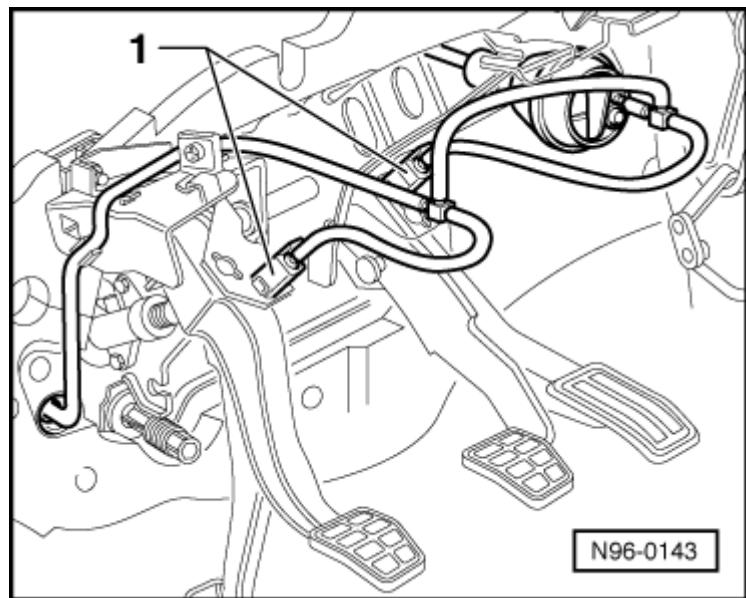
Removing and installing vent valve

Removing:

- Pull off connector and vacuum line.
- Remove vent valve -1- from bracket.

Installing:

- Screw vent valve into bracket until there is no play.
- Valve is adjusted.
- Reconnect connector and vacuum line.



Removing and installing vacuum pump for automatic distance control system -V18-

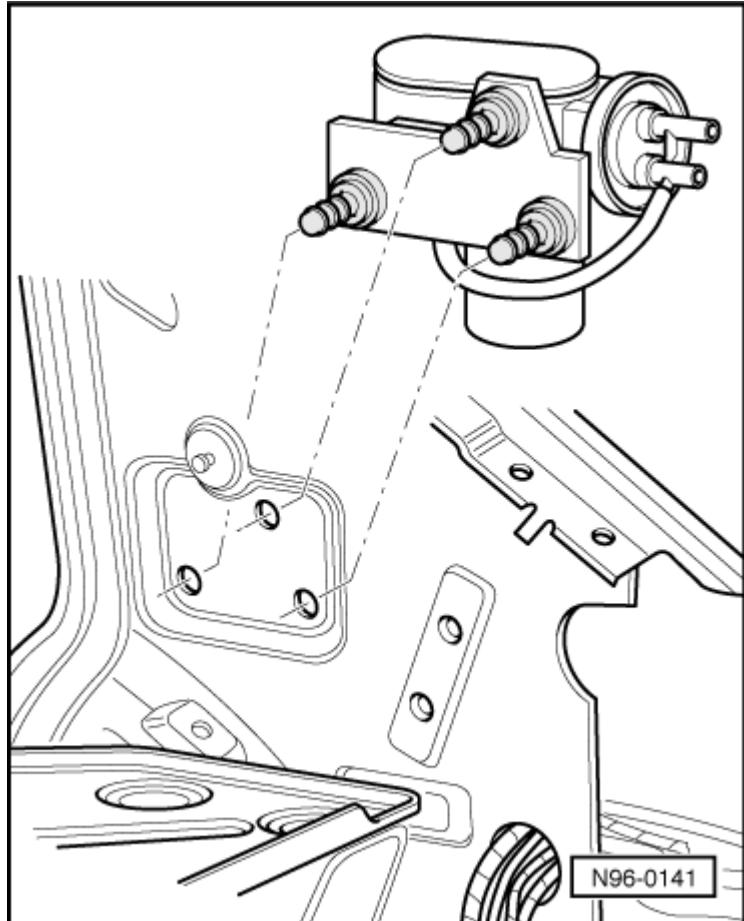
The vacuum pump for automatic distance control system -V18- is located in the front left wheel housing behind the wheel housing liner.

Removing:

- Remove front left wheel housing liner.
- Pull vacuum pump for automatic distance control system -V18- along with retaining plate and rubber bushes out of retainer.
- Disconnect 3-pin connector.
- Pull off vacuum line.

Installing:

Install in reverse order of removal.



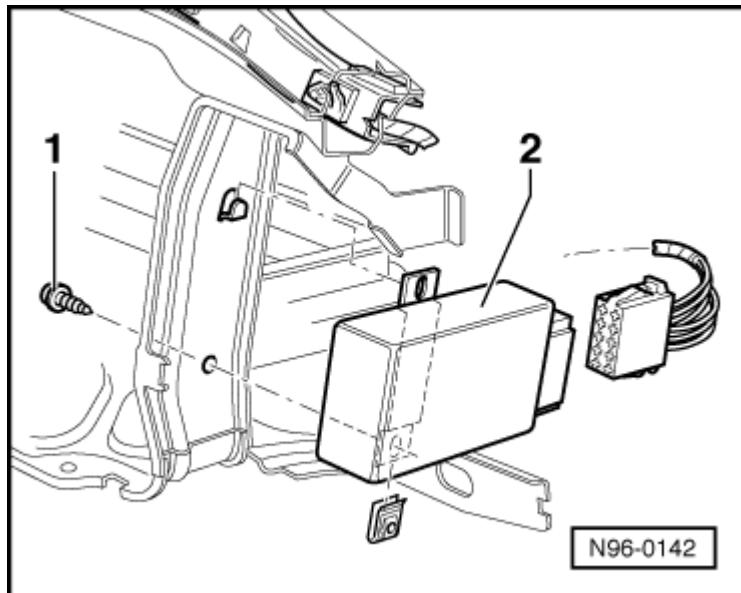
Removing and installing cruise control system (CCS) control unit -J213-

Removing:

- Disconnect battery → [Chapter](#).
- Remove dash panel → [Rep. Gr 70](#).
- Disconnect 12-pin connector from cruise control system (CCS) control unit -J213--2-, located on right of dash panel below radio.
- Remove securing bolt -1-.
- Push cruise control system (CCS) control unit -J213--2- upwards slightly and unhook from retainer.

Installing:

Install in reverse order of removal.



Checking vacuum system for leaks

- Pull vacuum line off vacuum pump and seal.
- Push positioning element diaphragm inwards and at the same time press the brake pedal down to the point of resistance.
- Then release brake pedal.

The diaphragm must not move.