

A. (USA) 1976

The antenna can be extended or retracted partially or completely depending on actuation of antenna switch.

The antenna switch is designed as a rocker-type switch.

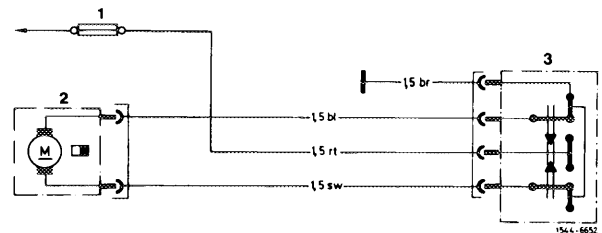
Electric function

Motor (2) is connected to negative current on both connections (blue and red) via switch (3). When switch (3) is actuated, the cable (blue) connected to negative current is separated from negative contact in switch and connected to positive current (red) on switch via fuse (1).

On motor, the cable (black) is now connected to negative current and on cable (blue) to positive current, the antenna will extend.

If switch (3) is actuated in the opposite direction, the polarity on motor is interchanged, that is: the (blue) cable is connected to negative current and the (black) cable to positive current, the antenna will retract.

- 1 Fuse
- 2 Antenna motor
- 3 Antenna rocker-type switch



B. (USA) starting 1977

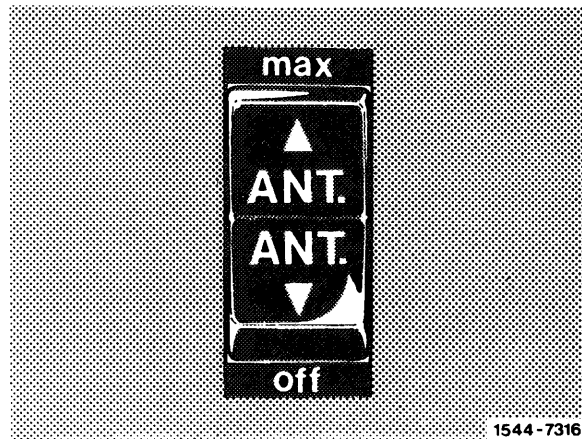
The antenna can be moved into three different positions by means of antenna switch with radio switched on.

Antenna switch in center position

When the radio is switched on, the antenna will automatically extend for approx. 30 cm. Quick actuation of switch permits extending antenna to position most favorable for reception.

Antenna switch engaged in extended position

Antenna extends in full length.



Antenna switch engaged in retracted position

Antenna is not extending e. g. when operating cassettes or antenna retracts completely from extended position.

If the ignition or the radio is switched off, the antenna will completely retract.

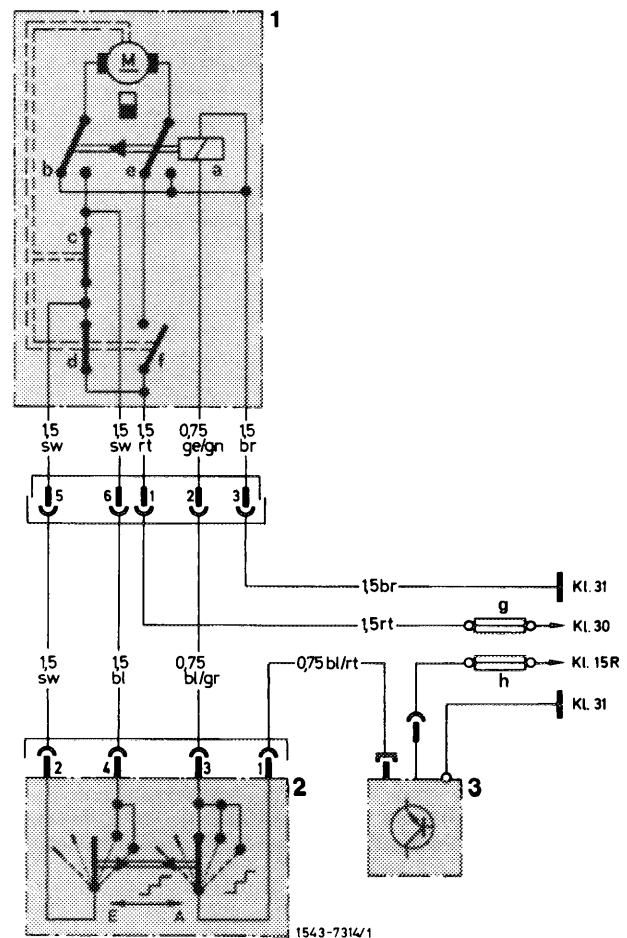
Electric function

Antenna switch in center position

When the radio is switched on, the relay coil a is energized via antenna switch and will close contacts b and e.

The antenna motor is connected to positive current from fuse g (terminal 30) via contacts d, c and b, and to negative current via contact e.

The motor starts and the antenna extends. When the antenna is extended for approx. 30 cm, contact c is automatically opened and interrupts the motor circuit.



- 1 Automatic antenna
- 2 Antenna switch
- 3 Radio
- E Retracting position
- A Extending position
- ... Tipping position (in antenna switch 2)
- - - Detent position (in antenna switch 2)
- g Fuse automatic antenna (terminal 30)
- h Fuse radio (terminal 15 R)