

AUDI A 3 MOD.2003

ALARM POSITION	MODULAR ALARM to be fitted on the left under the steering-wheel below the dashboard (see introductory notes). COMPACT ALARM to be fitted in the wind-screen wiper compartment-passenger's side (see introductory notes).
DIRECTION INDICATORS	Connect to the BLACK/WHITE (front left-pos.n°11)wire in the 12-pole hazel connector, BLACK/GREEN (right side-pos.n°9) wire in the 11-pole hazel connector, BLACK/GREEN (front right-pos.n°6) wire, WHITE/BLACK (left side-pos.n°8) wire in the 11-pole black connector, BLACK/WHITE (rear left-pos.n°11) wire, BLACK/GREEN (rear right-pos.n°10) wire in the 12-pole black connector; all connections to be done on the black control station placed on the left under the driver's side dashboard. <u>(follow diagram N°22).</u>
ENGINE IMMOBILIZATION	+50 - Wire: RED in the wiring harness of the key-block. Petrol - Wire: BLACK/BLUE (fuel pump wire) on the fuse N°29 in the fuse box.
ODOMETER	Wire: take the signal either from position n°17 (for cars without ESP) or from position n°10 (for cars with ESP) in the 47-pole black connector on the ABS control unit in the engine compartment-driver's side.
DOOR PUSH-BUTTON	Connect to BROWN/WHITE wire in the wiring harness behind the driver's side kickwell.
BOOT PUSH-BUTTON	Connect to BLACK/RED (pos.n°8) wire in the 17-pole hazel connector on the control unit in the passenger's side boot behind the panelling.
(originally fitted) ELECTRIC WINDOWS	The comfort system (TYPE 1) is activated by extending the closing time on the car's BLUE/WHITE wire.

Connection to a radio-controlled alarm

(originally fitted)

CENTRAL

LOCKING

Negative controls.

Connect the alarm closing wire (ON) and the alarm opening wire (OFF) to the BLUE/WHITE (pos.No13) wire in the connector in the window lift control unit in the driver's side door.

For the connection follow dedicated diagram N°51

Connection to an alarm which can be armed by the car's original transmitter

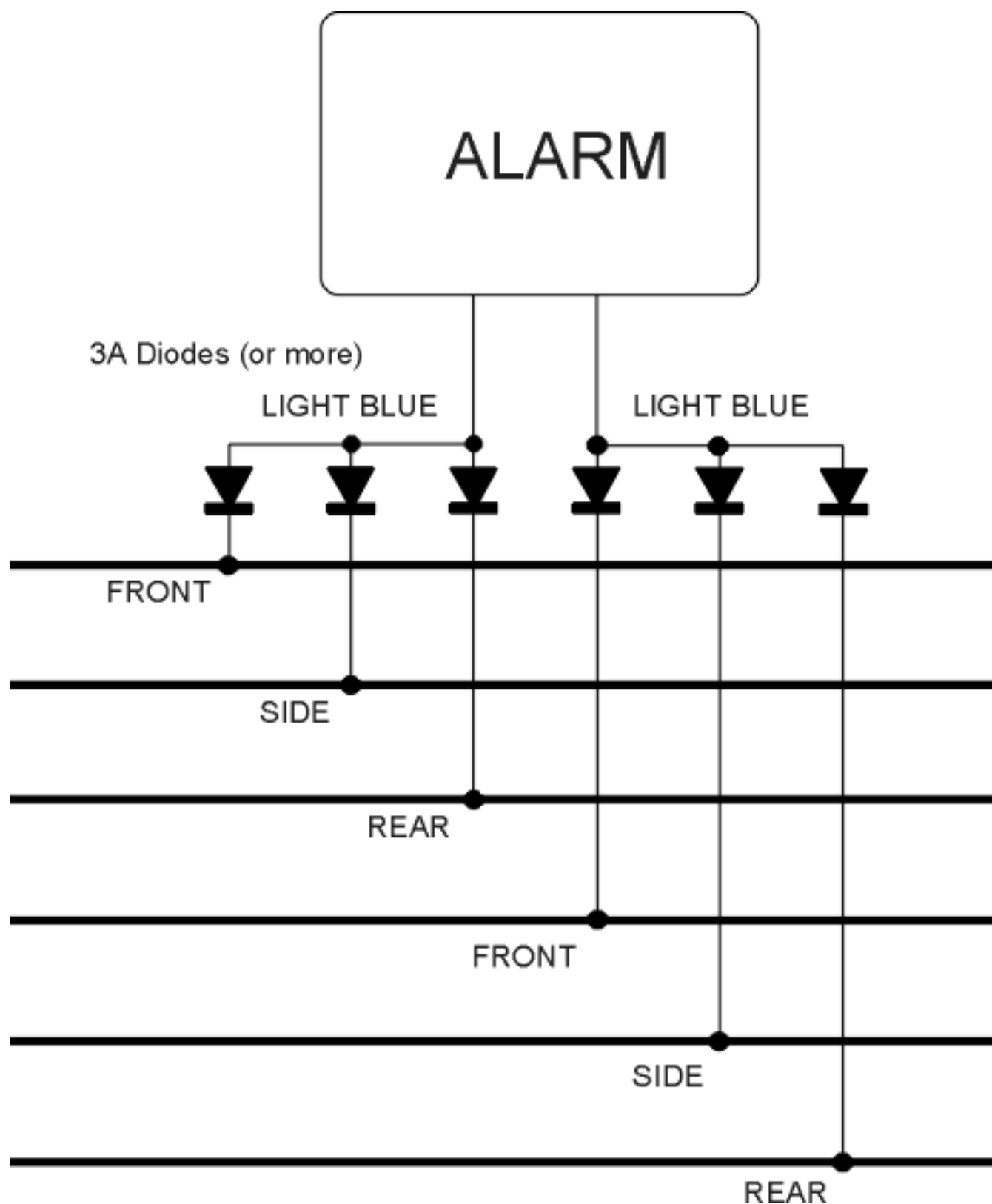
IT HAS TO BE USED AN ALARM TYPE

e540

OR e250TYPE

The above-mentioned information is given as an indication only and is in no way binding

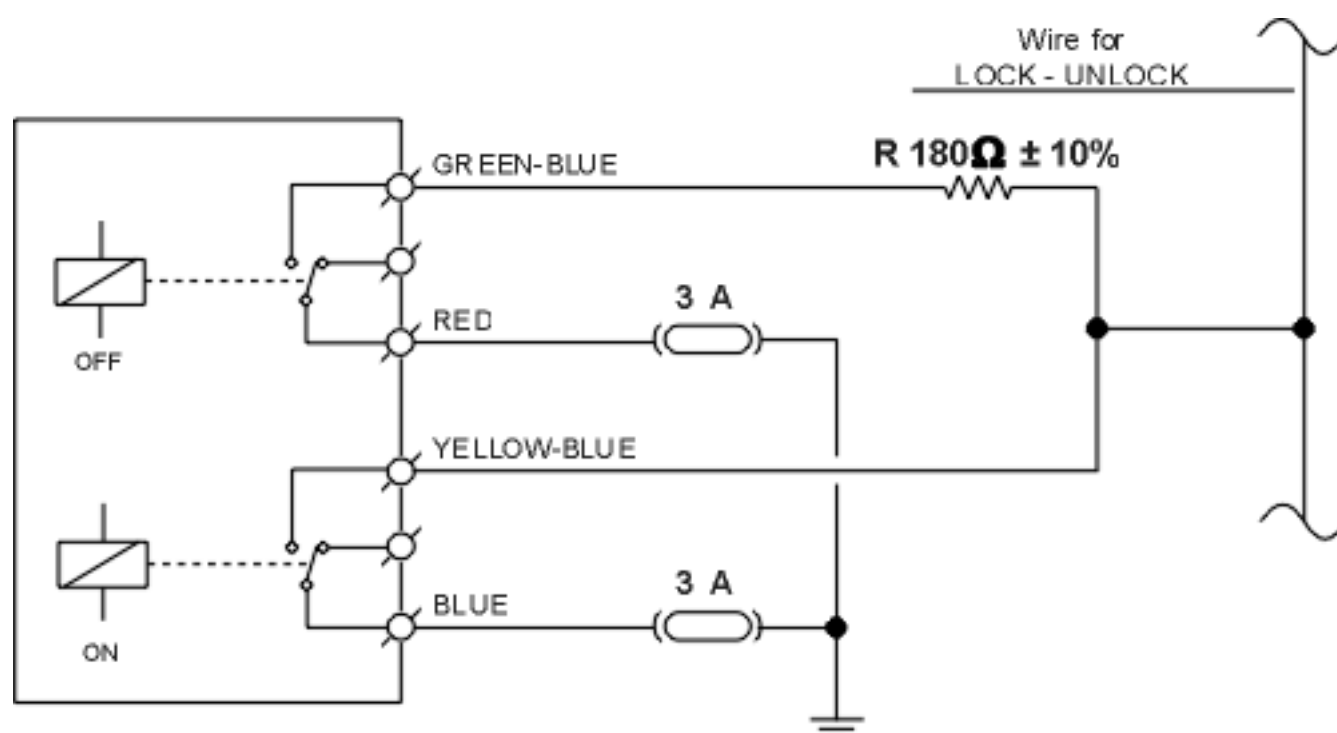
Diagram 22



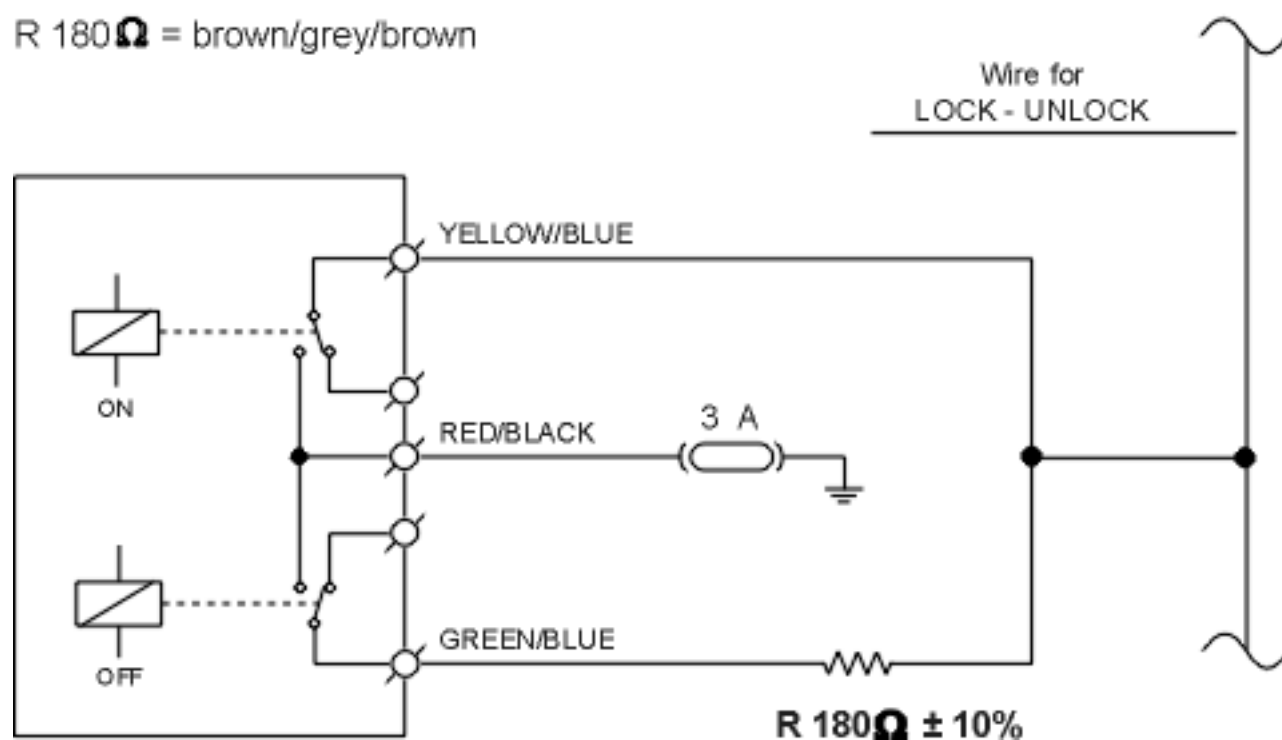


REAR

Diagram 51



R 180 Ω = brown/grey/brown





from REV 04 onwards

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ALARM POSITION	To be fitted in the wind-screen wiper compartment-passenger's side.	
DIRECTION INDICATORS	Connect to the BLACK/WHITE (front left-pos.n°11) wire in the 12-pole hazel connector, BLACK/GREEN (right side-pos.n°9) wire in the 11-pole hazel connector, BLACK/GREEN (front right-pos.n°6) wire, WHITE/BLACK (left side-pos.n°8) wire in the 11-pole black connector, BLACK/WHITE (rear left-pos.n°11) wire, BLACK/GREEN (rear right-pos.n°10) wire in the 12-pole black connector; all connections to be done on the black control station placed on the left under the driver's side dashboard. <u>(follow diagram N°22).</u>	
ENGINE IMMOBILIZATION	+50 - Wire: RED in the wiring harness of the key-block. Petrol - Wire: BLACK/BLUE (fuel pump wire) on the fuse N°29 in the fuse box. Diesel - Wire: BLACK/BLUE on the fuse N°27 in the fuse box.	
BONNET PUSH-BUTTON	To be fitted near the rubber buffer over the passenger's side headlight.	
DO NOT CONNECT THESE WIRES	- alarm Yellow	DO NOT CONNECT
(originally fitted) ELECTRIC WINDOWS	The comfort system (TYPE 1) is activated by extending the closing time on the car's BLUE/WHITE wire.	
CAN CONNECTION	Connect the alarm black/red wire to the ORANGE/GREEN (pos.n°8) wire in the 12-pole grey connector on the black control station placed on the left under the driver's side dashboard. Connect the alarm black/violet wire to the ORANGE/BROWN (pos.n°7) wire in the 12-pole grey connector on the black control station placed on the left under the driver's side dashboard.	

Note - Before doing the connection make sure that the ignition key is not in the ignition lock.

COD CAN RECOGNITION PROCEDURE

***ONCE THE INSTALLATION IS DONE, TURN THE IGNITION KEY "ON" AND KEEP IT FOR 20".
AFTER THIS TIME TURN THE IGNITION KEY "OFF" AND PROCEED WITH ALARM TESTING.
THIS PROCEDURE HAS TO BE PERFORMED EVERY TIME THE ALARM IS NOT POWER
SUPPLIED***

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LOCATION OF THE CAR ALARM CENTRAL UNIT

Compact central units and sirens: place inside the housing for the windscreen wiper on passenger's side.

Modular central units and accessories: place under the dashboard on driver's side.

CAR ALARM SUPPLY

Positive: Connect to **Red/Yellow** wire of 15 A fuse pos. n° 31 in the fuse box under the dashboard on driver's side.

Negative: Connect directly to negative battery terminal.

IMMOBILISER

Starter motor: cut the **Red /Black** wire pos. n°1 in the black 12-pin connector marked "G" on the control unit under the dashboard on driver's side.

Fuel pump: cut the **Black/Dark Blue** wire of 10 A fuse pos. n° 29 on the fuse box under the dashboard on driver's side.

SPEEDOMETER

Connect to position 10 (version with ESP) or position 17 (version without ESP) in the black 47-pin connector on the ABS control unit under the bonnet on the passenger's side to the right of the suspension.

The positions indicated are free.

POSITIVE IGNITION KEY (+15)

Connect to the **Black** (2 mm²) wire in the fuse box under the dashboard on driver's side.

CENTRAL DOOR LOCKING (Connection with radio frequency remote controlled alarm)

Negative type control.

Locking and unlocking both on **Dark blue/White** wire in cabling directly on black 20-pin connector in electric window control unit in driver's door.

Fit a 180 ohm resistor (brown –grey –brown) in series with the wire from the alarm for unlocking

ENABLING PASSIVE ARMING (Connection with alarm armed by vehicle's original remote control)

Follow method of connection at the bottom of the page

DIRECTION INDICATORS

Connect to the **Black /White** (Front Left pos.n°11) and **Black /Green** (Side Right pos.n°9) wires in the **Light Brown** 11-pin connector located on the original black RF control unit found under the dashboard on driver's side, to the **White / Black** (Side Left pos.n°8) and **Black/Green** (Front Right pos.n°6) wires in the **Black** 11-pin connector located on the original black RF control unit found under the dashboard on driver's side and to the **Black / White** (Rear Left pos.n°11) and **Black / Green** (Rear Right pos.n°10) wires in the **Black** 12-pin connector located on the original black RF control unit found under the dashboard on driver's side.

[Separate lines with diodes, follow diagram °22](#)

DOORS PROTECTION

Connect to the **Brown/ White** wire in the sheath of cables behind the bulkhead on driver's side or to the **Dark Blue/Grey** wire (pos. n°11) Black 12-pin connector marked "B" in the fuse box under the dashboard on driver's side.

BONNET/BOOT PROTECTION

Bonnet: Fit the switch provided.

Boot: Connect to the **Black /Red** (pos. n°8) wire in the **Light Brown** 17-pin connector on the control unit behind the carpet in the boot on the passenger's side.

ELECTRIC WINDOWS

The windows are closed using the comfort command by lengthening the timing for closure to 25 sec

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METHOD OF INSTALLATION FOR E546/A (from rel. 04 on) – E256

FUNCTION	COLOUR OF E546/A – E256 WIRE	COLOUR OF VEHICLE WIRE	POSITION ON VEHICLE	
CAN H Line	Black/Red	Orange/Green	Pin 8	Grey 12 pin connector on original black RF control unit located under dashboard on driver's side.
CAN L Line	Black/Purple	Orange /Brown	Pin 7	

WARNING: Make sure you have taken the ignition key out of the ignition before connecting up the connector on the alarm control unit.

After completing installation, set the alarm control unit for reading the vehicle's original CAN-BUS.

This setting is made by turning the vehicle's ignition key to the "KEY ON" position and keeping it there for 20 seconds.

After 20 seconds, turn the ignition key back to the "KEY OFF" position and complete the final check.

NB: this procedure must be repeated should the alarm control unit be disconnected from the battery or from the connector (e.g. E250 accessory functions).

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