

SCHED. 11-2001
REV. 00-0000

BMW MINI COOPER from 2001

POWER SUPPLY (RED AND BLACK WIRE)

- POSITIVE: CONNECT TO THE POSITIVE CABLE IN THE POWER SUPPLY UNIT.
- NEGATIVE: CONNECT TO GROUND POINT OF THE VEHICLE BODY.

DIRECTION INDICATORS (YELLOW WIRES)

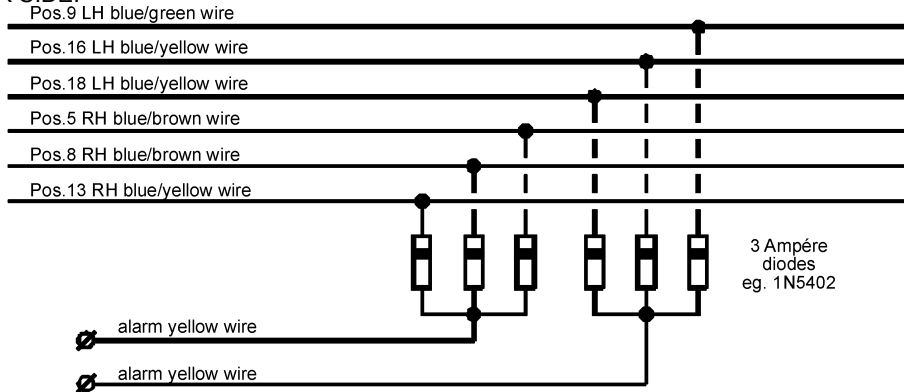
SEPARATE DIRECTION INDICATORS.

USE 6 POWER DIODES (3 AMP) - 1N5402 INSERTED IN THE WIRES :

DRIVER SIDE INDICATORS, BLUE/YELLOW POS. 9 WIRE, BLUE/GREEN POS. 16 AND BLUE/GREEN POS. 18.

PASSENGER SIDE INDICATORS, BLUE/BROWN POS. 5 WIRE, BLUE/BROWN POS. 8 AND BLUE/YELLOW POS. 13.

IN THE 54-POLE WHITE CONNECTOR OF THE POWER UNIT POSITIONED BEHIND THE DOOR MOULDING SILL ON THE PASSENGER SIDE.



IGNITION SWITCH POINT +15 (VIOLET WIRE)

CONNECT TO THE VIOLET/RED POS. 36 WIRE OF THE 54 POLE WHITE CONNECTOR OF THE POWER UNIT PLACED BEHIND THE DOOR MOULDING SILL ON THE PASSENGER SIDE.

ENGINE LOCK (GREEN WIRE AND GREEN/YELLOW)

- PETROL VERSION:

CUT THE WHITE/BLUE POS. 3 WIRE OF THE 12 POLE WHITE CONNECTOR LOCATED IN THE REAR SECTION OF THE FUSE BOX ON THE DRIVER SIDE.

- STARTER MOTOR LOCK:

CUT-OFF THE BLACK/BLUE WIRE CONNECTED TO THE BLACK CONNECTOR OF THE IGNITION SWITCH BLOCK. NOTE. REQUIRES THE INSTALLATION OF AN ADDITIONAL RELAY SWITCH (**PAGE 3A**)

DOOR AND TAILGATE LOCK PUSH-BUTTON (BLUE WIRE)

WARNING - POSITIVE CONTROL SIGNAL:

INVERT THE READING BY USING THE ALARM IMMOBILISER PROGRAM.

DOOR LOCK; THE CONNECTION IS MADE WITH THE BROWN/YELLOW POS. 7 WIRE IN THE 54-POLE BLACK CONNECTOR OF THE POWER SUPPLY UNIT BEHIND THE DOOR MOULDING SILL ON THE PASSENGER SIDE. TAKE NOTE THAT WITH THIS WIRING, THE ANTI-DISTRACT FUNCTION OF THE ALARM CANNOT BE ACTIVATED.

NEGATIVE CONTROL SIGNAL

FOR THE TAILGATE LOCK THE CONNECTION IS MADE TO THE VIOLET/GREEN POS. 40 WIRE IN THE 54 POLE BLACK CONNECTOR OF THE POWER SUPPLY UNIT BEHIND THE DOOR MOULDING SILL ON THE PASSENGER SIDE.

NOTE: FOR THESE CONNECTIONS, ONLY FOR PARTICULAR PRODUCTS, IT IS RECOMMENDED THAT THE BI-VOLUMETRIC INPUT (WHITE/BLUE WIRE) BE USED.

CENTRAL LOCKING AND ELECTRIC WINDOWS FOR REMOTE CONTROL ALARMS

NEGATIVE PULSE: DIAGRAM "A"

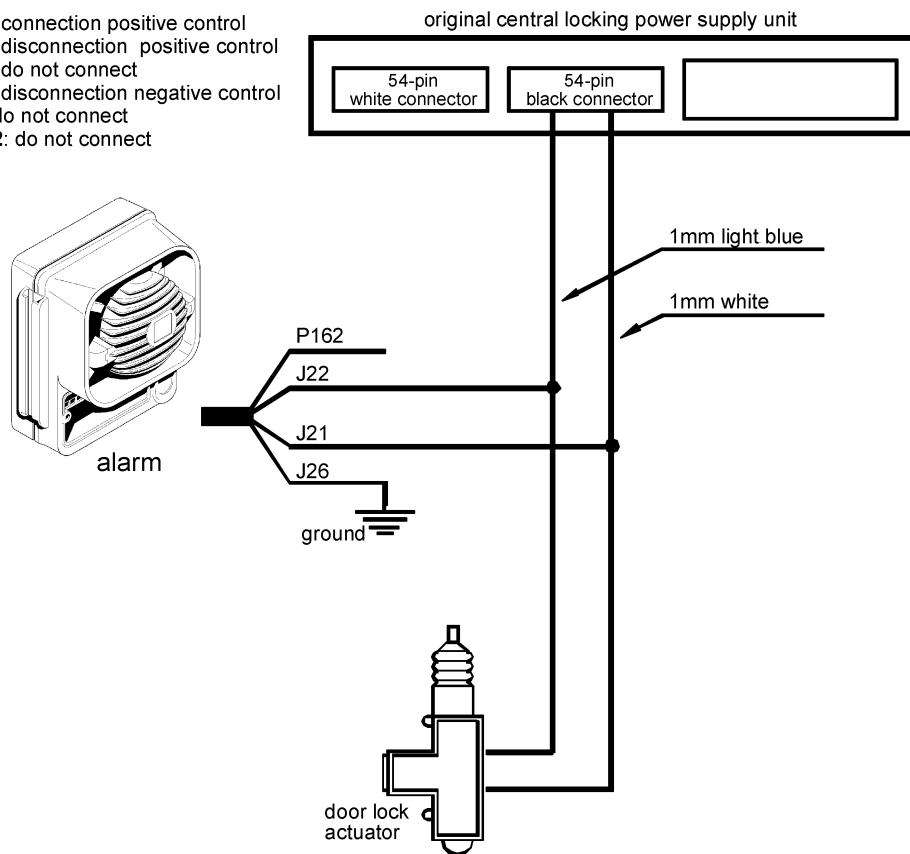
CONNECT TO WHITE/GREY POS. 10 (OPENING) AND BLUE/RED POS. 28 (CLOSING) WIRES IN THE BLACK CONNECTOR (54-POLE) OF THE POWER SUPPLY UNIT PLACED BEHIND THE DOOR MOULDING SILL ON THE PASSENGER SIDE.

- FOR THOSE VEHICLES FITTED WITH THE COMFORT FEATURE REMEMBER TO ACTIVATE THE FUNCTION IN ORDER TO CLOSE THE WINDOWS (25 SECONDS).

970irFrom 2001
Rev. 11-2001**WIRING FOR
BMW MINI COOPER**

DIAGRAM 1

- J21: connection positive control
- J22: disconnection positive control
- J25: do not connect
- J26: disconnection negative control
- P1: do not connect
- P162: do not connect

**HOW TO PROCEED:**

Locate the central locking power supply unit behind the passenger door moulding sill. Pick out the actuator power wires in the 54-pole central BLACK connector, to be connected to the module (as per the diagram); connect as follows:

- J21 alarm wire (closing positive control) to 1mm WHITE wire pos. 45
- J22 alarm wire (opening positive control) to the 1mm BLUE wire pos. 36
- J26 alarm wire (opening negative control) to ground.

When connecting the alarm immobiliser control wires, importance should be placed on achieving good electrical contact avoiding any quick measure. We recommend that connections be soldered.

WARNING**IT IS POSSIBLE TO ACTIVATE AND DE-ACTIVATE THE IMMOBILIZER ALARM FROM THE DRIVER SIDE DOOR LOCK WHEN THE ORIGINAL LOCKING POWER UNIT IS PROGRAMMED WITH THE DOOR LOCK FUNCTION.**

When the car is at rest with the dash board key turned off, it is possible to activate the alarm by pressing the door lock button on the central console, thus if one wishes to remain closed within the car, the key should be turned on to stand-by position in order to avoid this problem or alternatively de-activate the alarm with the emergency key.

For connections for, direction indicators, engine lock, door lock etc. refer to the INSTALLATION MANUAL