



SPECIFIC VEHICLE ALARM FITTING INSTRUCTIONS

REV. 00

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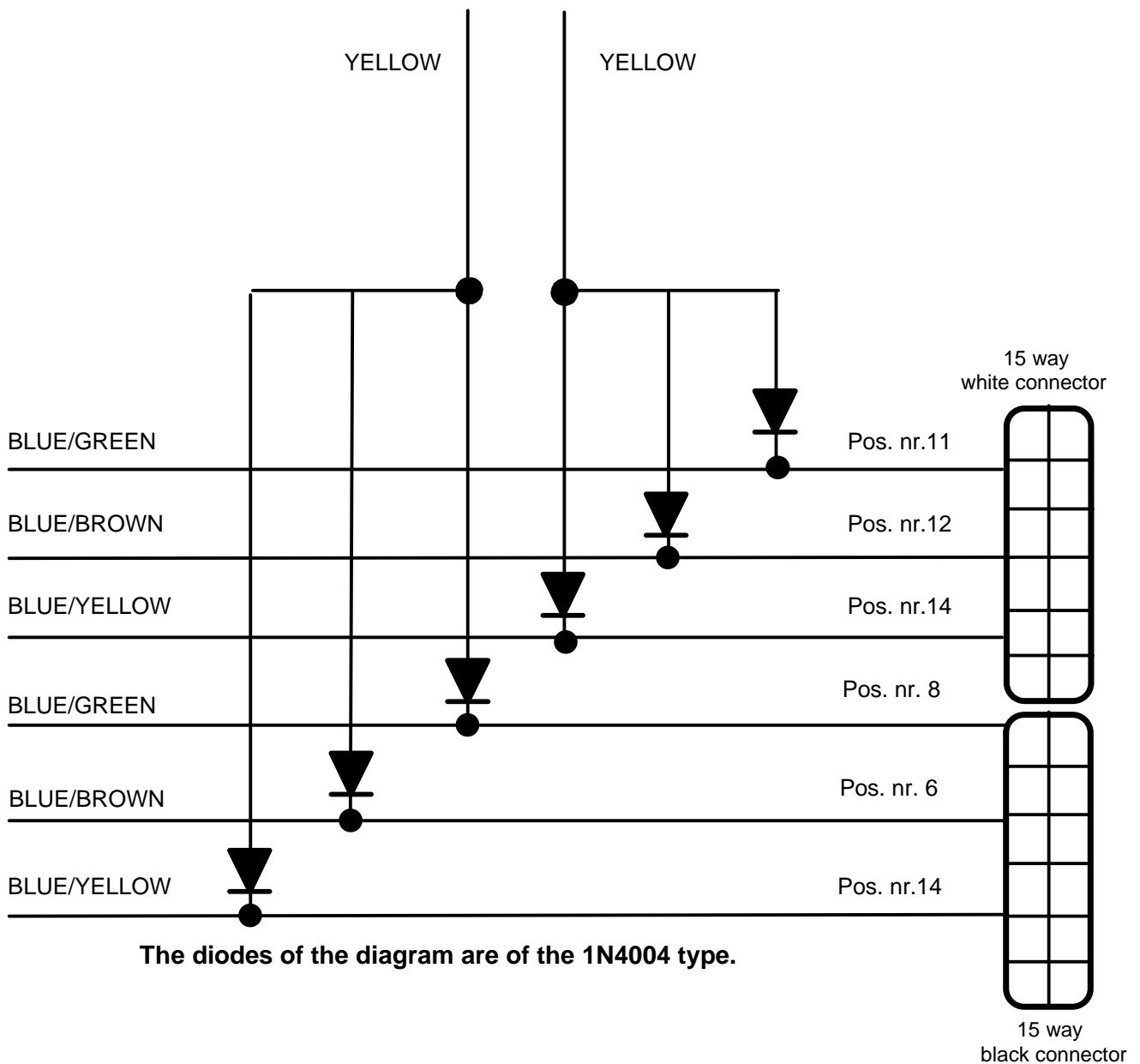
MAKE	BMW	MOD.	X 5*	YEAR	03 →	PETROL <input checked="" type="checkbox"/>	DIESEL <input type="checkbox"/>
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* Models with original equipment keyless entry system.

- ALARM/SIREN POSITION** Position the compact alarms and the sirens on the passenger's side wheelhouse. Pass the cables using the original fairlead located in the driver's side wheelhouse.
- CENTRAL UNIT POSITION** Position the modular systems and the modules under the dashboard, passenger's side.
- POWER SUPPLY** **+30:** connect to the RED wire located in the wiring harness along the steering column.
-31: connect with a cable terminal behind the driver's side bulkhead.
- IGNITION WIRE** **+15/54:** connect to the ignition wire located in the ignition key.
- DIRECTION INDICATORS** Connect to the wires: BLUE/GREEN at the position nr.11, BLUE/BROWN at the position nr.12, BLUE/YELLOW at the position nr.14, in the 15 way white connector; BLUE/GREEN at the position nr.8, BLUE/BROWN at the position nr.6, BLUE/YELLOW at the position nr.14, in the 15 way black connector coming out of the lights module on the right of the passenger's glove compartment, behind the covering.
Refer to the **fitting diagram nr.147**.
- ELECTRIC WINDOWS** **Negative control signal**
To make the comfort locking of the windows it is enough to give a 24s. temporized signalò to the LIGHT BLUE/RED wire, at the position nr.4.
- ACTIVAT./DEACTIVATION CONTROLS** **Connections antitheft/vehicle**
- | Art.3800 | Vehicle | Position |
|--------------|---------|--|
| YELLOW/BLACK | BLACK | Pos. nr. 6 in the 20 way black connector |
| GREY/BLACK | BLUE | Pos. nr.14 in the 20 way black connector |
| VIOLET | Ground | Car body |
| ORANGE | Ground | Car body |
| VIOLET/WHITE | Ground | Car body |
| ORANGE/WHITE | ground | Car body |
- The 20 way black connector is located in the central locking unit behind the passenger's side glove compartment.
- Verify the WHITE/BLACK** **Note:** Before programming the signals of activation/deactivation it is necessary to cut the WHITE/BLACK wire in the wiring harness coming out of the driver's side door.
- IMMOBILISATION POINT** **Fuel pump**
Cut the 1,5 mm² GREEN/BLACK wire located in the wiring harness coming out of the fuse marked F14, in the fuse box, placed under the passenger's side dashboard.
- STARTER** **+50:** Cut the 3 mm² BLACK/YELLOW wire located in the wiring harness coming out of the connector of the ignition key.
- BONNET SWITCH** Install an additional switch on the headlamp support plate, driver's side.
- DOORS AND BOOT SWITCH** Connect to the RED/BLUE wire at the position nr. 20, in the wiring harness coming out of the 20 way black connector coming out of the central locking unit, behind the passenger's side glove compartment.
Attention: As the polarity is with positive control signal, it is necessary to invert the signal with an additional relay.

FITTING DIAGRAM NR.147

Diagram to connect the direction indicators with separated lines on **BMW X5**



The diodes of the diagram are of the 1N4004 type.