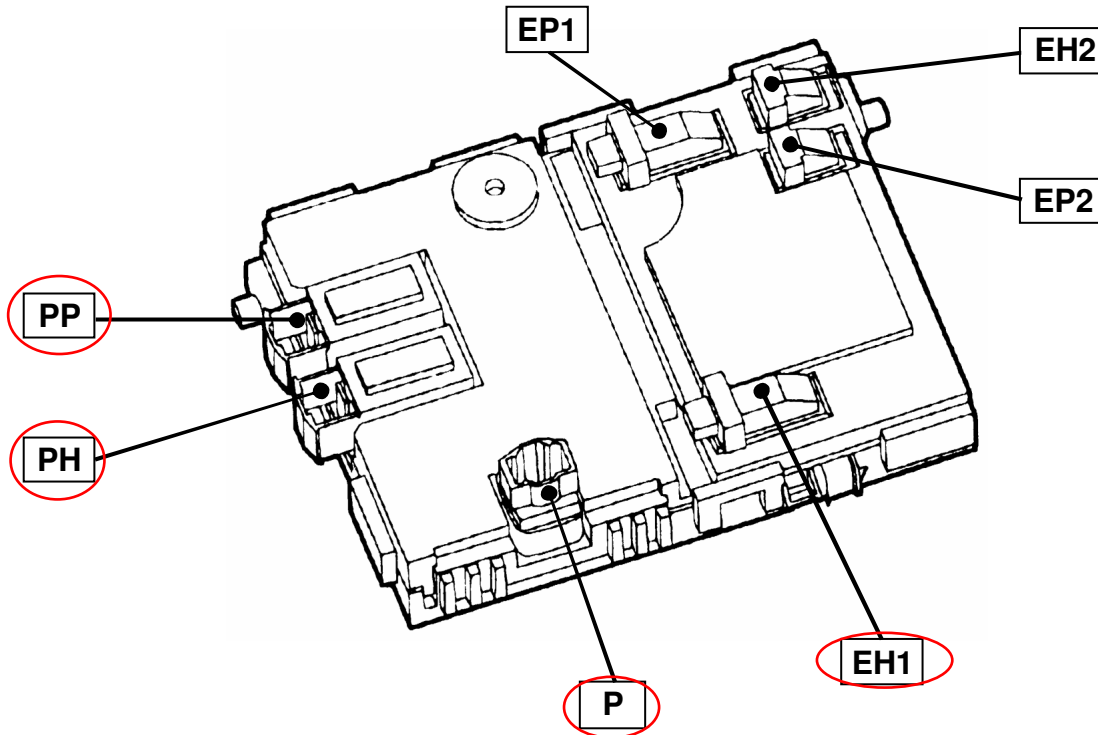


V - LOCATION AND TYPE OF THE CONNECTORS ON THE BSI



CONNECTOR	DESCRIPTION	CHANNELS	COLOUR
P	Power Supply Connector to main harness	2	GREY
PP	Power Connector to main harness	16	GREEN
PH	Power Connector to passenger compartment harness	16	BLACK
EP1	Electronic Connector to main harness	26	YELLOW
EP2	Electronic Connector to main harness	12	BROWN
EH1	Electronic Connector to passenger compartment harness	26	BLUE
EH2	Electronic Connector to passenger compartment harness	12	BLUE

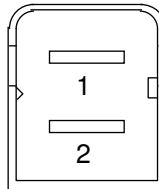
MULTIPLEXED BSI - XSARA PICASSO AND XSARA – PART 1

VI - CHANNEL ALLOCATION ON THE BSI

BSI inputs/outputs

Power part.

- Allocation of pins of the Grey 2-way NG1 connector of the main harness.

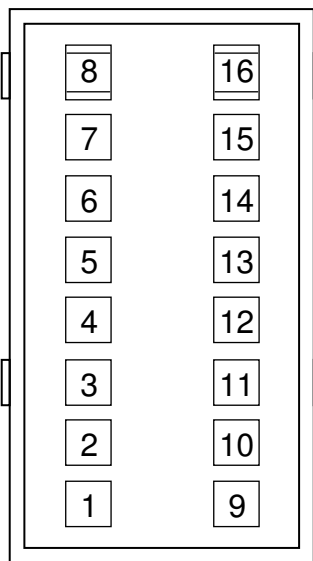


1 - + permanent **+ постоянный**

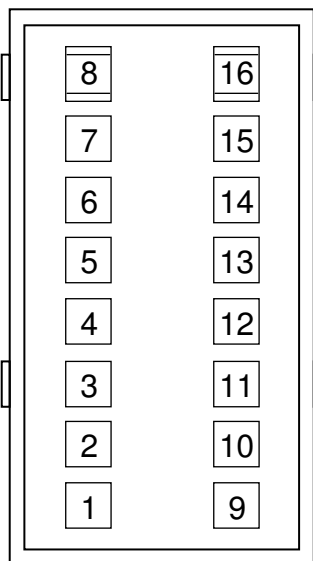
2 - + alternator **+ генератор**

MULTIPLEXED BSI - XSARA PICASSO AND XSARA – PART 1

- Allocation of pins of the Green 16-way SIGMA connector of the main harness.



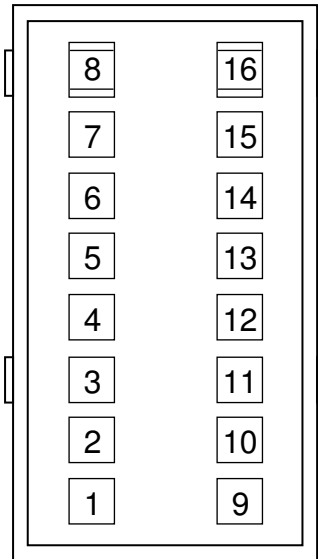
- 8 - Output: Power supply of the VAN bus on main harness
- 7 - Output: Front left hand indicator control
- 6 - Output: Front right hand indicator control
- 5 - Output: + accessories for wash/wipe stalk
- 4 - Input: Lamps
- 3 - Input: Reverse gear switch
- 2 - Power earth **масса**
- 1 - Output: Windscreen wiper slow speed motor control



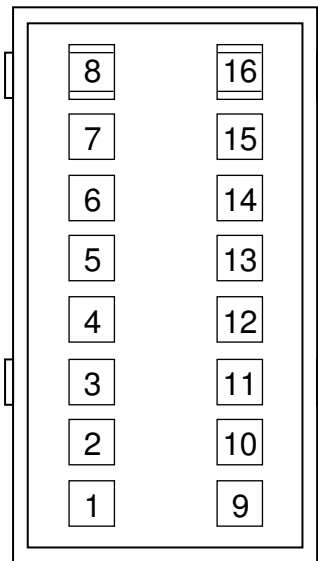
- 16 - + permanent **+ ПОСТОЯННЫЙ**
- 15 - Output: Right hand repeater indicator control
- 14 - Output: Left hand repeater indicator control
- 13 - Output: Air conditioning compressor control
- 12 - Power earth **масса**
- 11 - Spare
- 10 - Spare
- 9 - Output: Windscreen wiper high speed motor control

MULTIPLEXED BSI - XSARA PICASSO AND XSARA – PART 1

- Allocation of pins of the Black 16-way SIGMA 2 connector of the passenger compartment harness.



- 8 - Output: Front electric window supply
- 7 - Output: Left hand repeater indicator control
- 6 - Output: Right hand repeater indicator control
- 5 - Output: Rear wiper control
- 4 - Output: Locking motors control
- 3 - Output: Unlocking motors control
- 2 - Output: Heated door mirrors control
- 1 - Output: Heated rear screen control



- 16 - Output: Power supply of the VAN bus on passenger compartment harness
- 15 - Output: Rear left hand indicator control
- 14 - Output: Rear right hand indicator control
- 13 - + accessories + после замка AAC
- 12 - Output: Lamps
- 11 - Output: Reversing lamps
- 10 - Output: Deadlocking motors control
- 9 - Output: Heated rear screen control 2

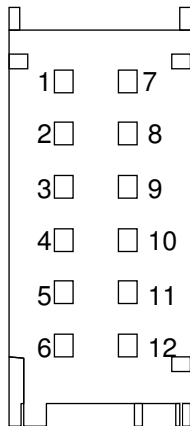
MULTIPLEXED BSI - XSARA PICASSO AND XSARA – PART 1

- Allocation of pins of the Yellow 26-way MQS 26 connector of the main harness.

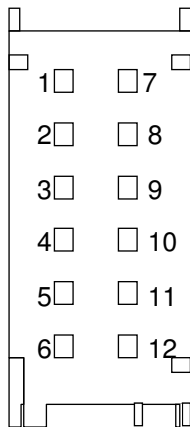
1	14	1 - K diagnostic line serial connection
2	15	2 - Input: Vehicle speed information
3	16	3 - Input: Engine ECU serial connection for engine immobiliser
4	17	4 - Input: Engine speed information through engine ECU вход на тахометр
5	18	5 - Output: Heated rear screen and door mirrors lamp control (except RFTA VAN)
6	19	6 - Output: Engine ECU resupply control for engine immobiliser
7	20	7 - Input: Windscreen wash control
8	21	8 - Input: Wash/wipe control intermittent mode (no rain sensor) auto mode (with rain sensor)
9	22	9 - Output: Low fuel level to engine ECU
10	23	10 - Input: Rear screen wash control
11	24	11 - Input: Rear wiper
12	25	12 - Input: Right hand indicator control
13	26	13 - Input: Windscreen wiper motor parked information
1	14	14 - Input/Output: Battery charge/alternator excitation
2	15	15 - Output: Transponder clock signal
3	16	16 - Output: Engine ECU serial connection for engine immobiliser
4	17	17 - Transponder aerial serial connection for engine immobiliser
5	18	18 - Input: Coolant temperature info by FRIC engine ECU (PWM)
6	19	19 - Input: Windscreen wiper high speed control
7	20	20 - Input: Windscreen wiper slow speed control
8	21	21 - Input: Diesel preheating information
9	22	22 - Input: Inertia switch information
10	23	23 - Input: Coolant temperature warning information through thermoswitch
11	24	24 - Input: Engine ECU fault information
12	25	25 - Input: De-icing button
13	26	26 - Input: Left hand indicator control

MULTIPLEXED BSI - XSARA PICASSO AND XSARA – PART 1

- Allocation of pins of the Brown 12-way MQS connector of the main harness.

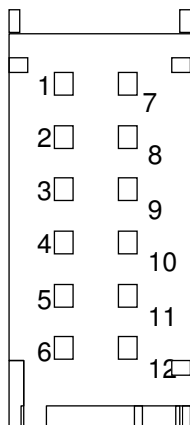


- 1 - Input: On board ECU scroll request
- 2 - Input: Navigation recall last message request
- 3 - For supplier use
- 4 - Output: Headlamp washer relay control
Output: Sidelamp relay control (timed illumination)
- 5 - Output: Air conditioning compressor authorisation request to engine ECU
- 6 - Input: Air conditioning compressor authorisation through engine ECU



- 7 - Analogue earth
- 8 - Input: Evaporator temperature information
- 9 - Input: Fuel flow information through engine ECU
- 10 - Input: Coolant temperature information through thermistor (analogue)
- 11 - Input: Refrigerant pressure safety information
- 12 - Input: Air conditioning request

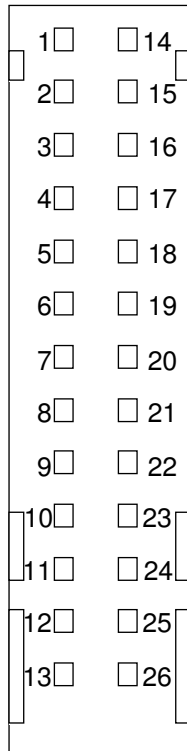
- Allocation of pins of the Blue 12-way MQS connector of the passenger compartment.



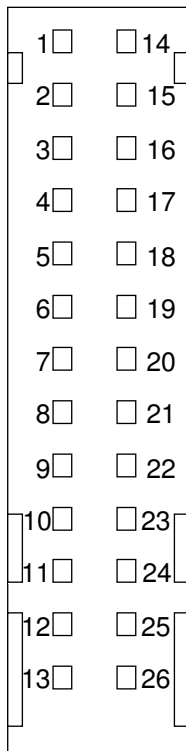
- 1 - Output: Ultra sound module supply
- 2 - Input: Bonnet switch
- 3 - Input/Output: Siren serial connection
- 4 - Output: Close electric windows request when (dead)locking
- 5 - Input: Alarm request through ultrasound module
- 6 - Input: Volumetric suppression request button
- 7 - 12 - Spare

MULTIPLEXED BSI - XSARA PICASSO AND XSARA – PART 1

- Allocation of pins of the Blue 26-way MQS connector of the passenger compartment harness.



- 1 - Output: Engine running
- 2 - Input: Locking request through lock
- 3 - Input: Unlocking request through lock
- 4 - Input: Hazard warning lamps request button
- 5 - Input: Front right hand door locking button control
- 6 - Input: Rear left hand door switch
- 7 - Input: Tailgate or boot switch
- 8 - Input: Front left hand door locking button control
- 9 - Output: System status LED (locking/transponder/alarm function)
- 10 - Input: Rear wiper motor parked information
- 11 - Input: Front right hand door switch
- 12 - Input: Rear right hand door switch
- 13 - Input: Front left hand door switch



- 14 - Input/Output: Rain sensor serial connection
- 15 - Output: Door sill lighting control
- 16 - Output: Rear interior lamp control
- 17 - Output: Front interior lamp control
- 18 - Output: Hazard warning lamps button LED control
- 19 - DATA of the SCREEN/COMFORT VAN bus
- 20 - Input: External air temperature information
- 21 - DATA B of the SCREEN/COMFORT VAN bus
- 22 - + ignition on **+ при зажигании**
- 23 - + permanent **+ ПОСТОЯННЫЙ**
- 24 - Analogue earth of the passenger compartment harness
- 25 - Earth
- 26 - Earth

MULTIPLEXED BSI - XSARA PICASSO AND XSARA – PART 1

