



# H320

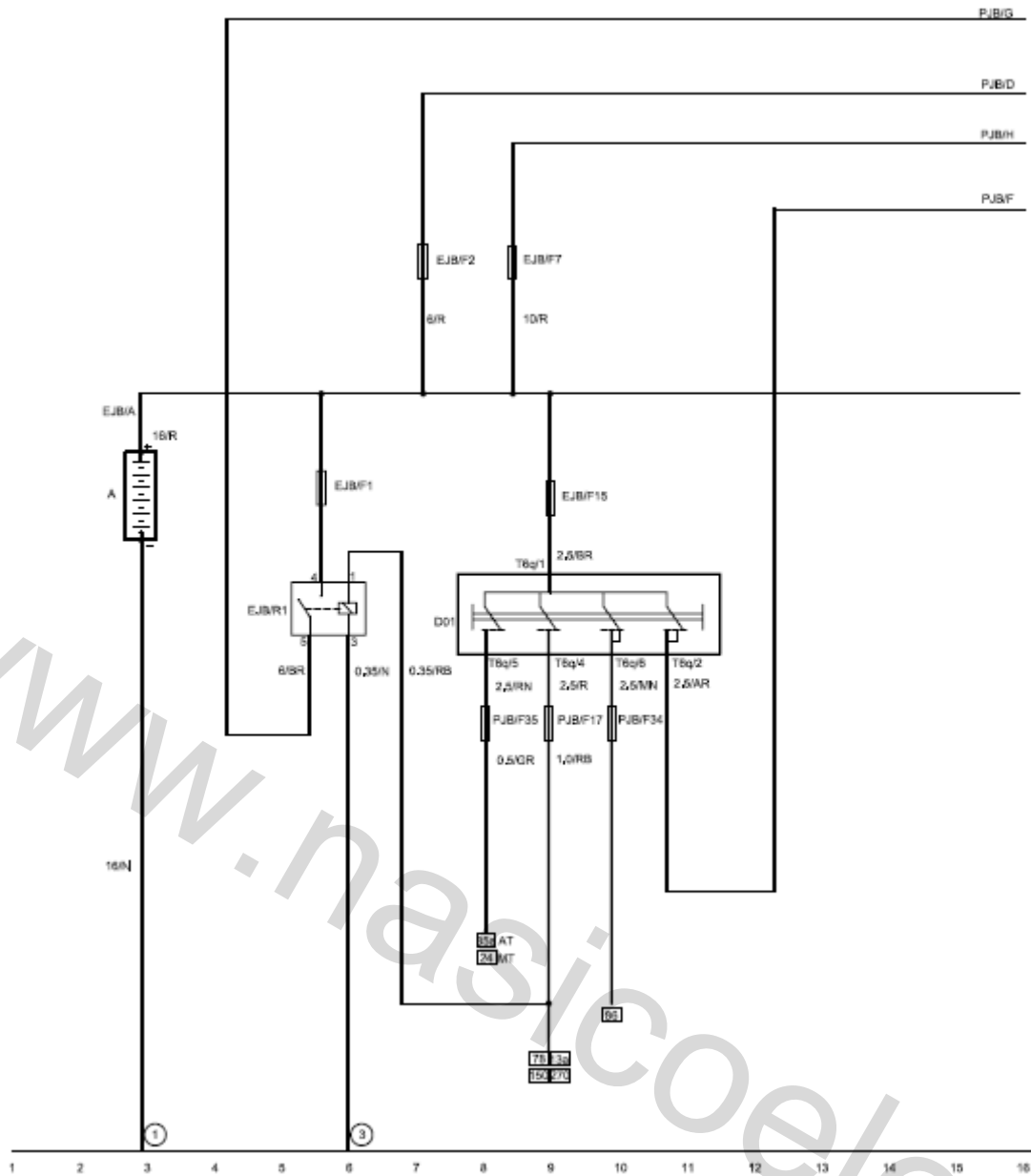
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- **Wiring diagram**

H320WD2H/1/1

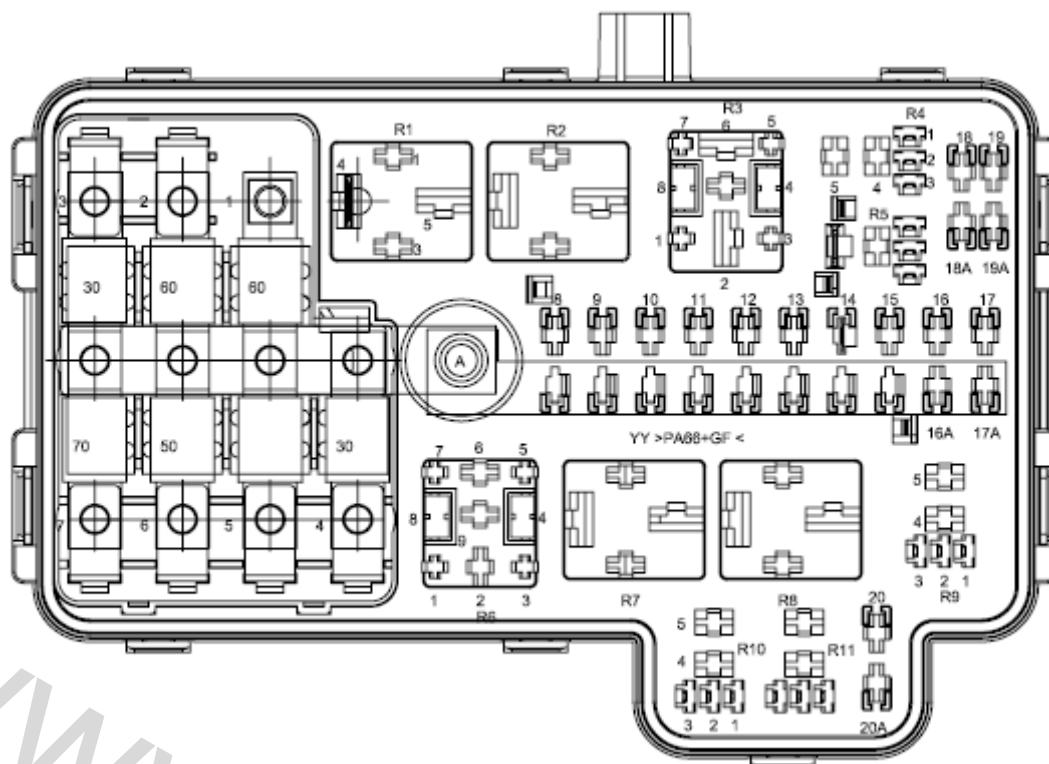
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1. Diagram of battery, ignition switch and load relay circuit

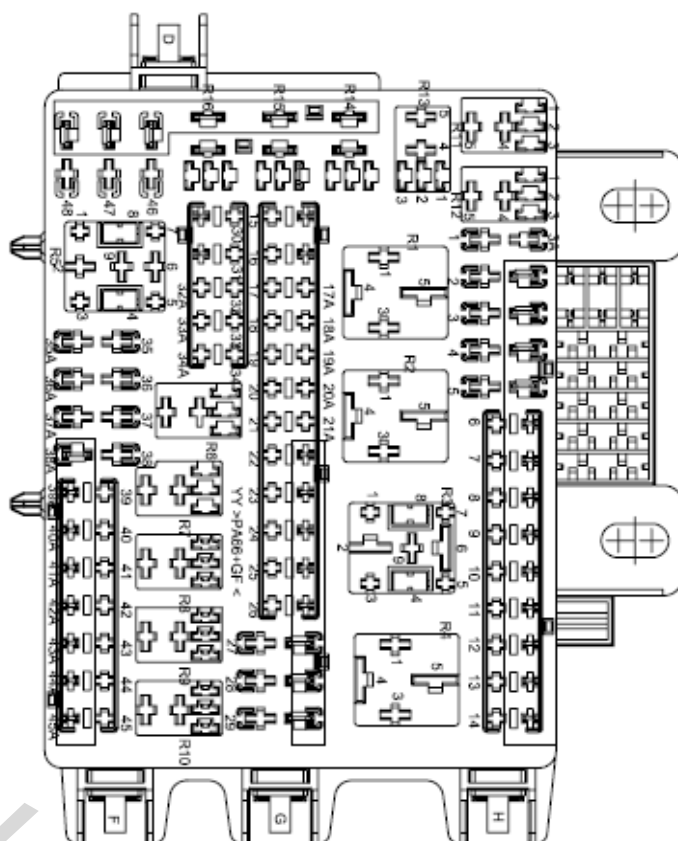
- A- battery
- D01- ignition switch
- T6q- ignitions witch connector, 6-hole, white
- EJB A- connection, engine compartment fuse box to the positive pole of battery
- EJB- engine compartment fuse box
- PJB- dashboard fuse box
- PJB D- connection, dashboard fuse box stud
- PJB G- connection, dashboard fuse box stud
- PJB F- connection, dashboard fuse box stud
- PJB H- connection, dashboard fuse box stud
- ①- negative pole of battery to the earth point on the car body
- ③- earth point on the FL engine compartment



EJB

| Item |                                           |      | Item |                              |     |
|------|-------------------------------------------|------|------|------------------------------|-----|
| F1   | Load relay fuse                           | 60A  | R1   | Load relay                   | 70A |
| F2   | KL30 to PJB D                             | 60A  | R2   | Cooling fan low-speed relay  | 40A |
| F3   | ABS pump motor fuse                       | 30A  | R3   |                              |     |
| F4   | ABS solenoid valve power supply fuse      | 30A  | R4   | Main relay                   | 30A |
| F5   |                                           |      | R5   | Horn relay                   | 30A |
| F6   | Radiator fan fuse                         | 50A  | R6   |                              |     |
| F7   | KL30 to PJB H                             | 70A  | R7   | Start relay                  | 40A |
| F8   | Fuel pump fuse                            | 15A  | R8   | Cooling fan high-speed relay | 40A |
| F9   | Start relay fuse                          | 30A  | R9   | AT controller relay          | 30A |
| F10  | Main relay fuse                           | 30A  | R10  | Fuel pump relay              | 30A |
| F11  | A/C compressor fuse                       | 10A  | R11  | A/C compressor relay         | 30A |
| F12  |                                           |      |      |                              |     |
| F13  | A/T relay fuse                            | 15A  |      |                              |     |
| F14  | Horn fuse                                 | 10A  |      |                              |     |
| F15  | Ignition switch fuse                      | 30A  |      |                              |     |
| F16  | Engine ECU fuse (AT)                      | 15A  |      |                              |     |
| F16  | Engine ECU fuse (MT)                      | 20A  |      |                              |     |
| F17  | Oxygen sensor fuse (MT)                   | 15A  |      |                              |     |
| F17  | Oxygen sensor fuse (AT)                   | 10A  |      |                              |     |
| F18  | Main relay control power supply fuse (MT) | 15A  |      |                              |     |
| F19  | Immobilizer fuse                          | 10A  |      |                              |     |
| F20  | Nozzle fuse                               | 10A  |      |                              |     |
| FU   | Generator fuse                            | 100A |      |                              |     |

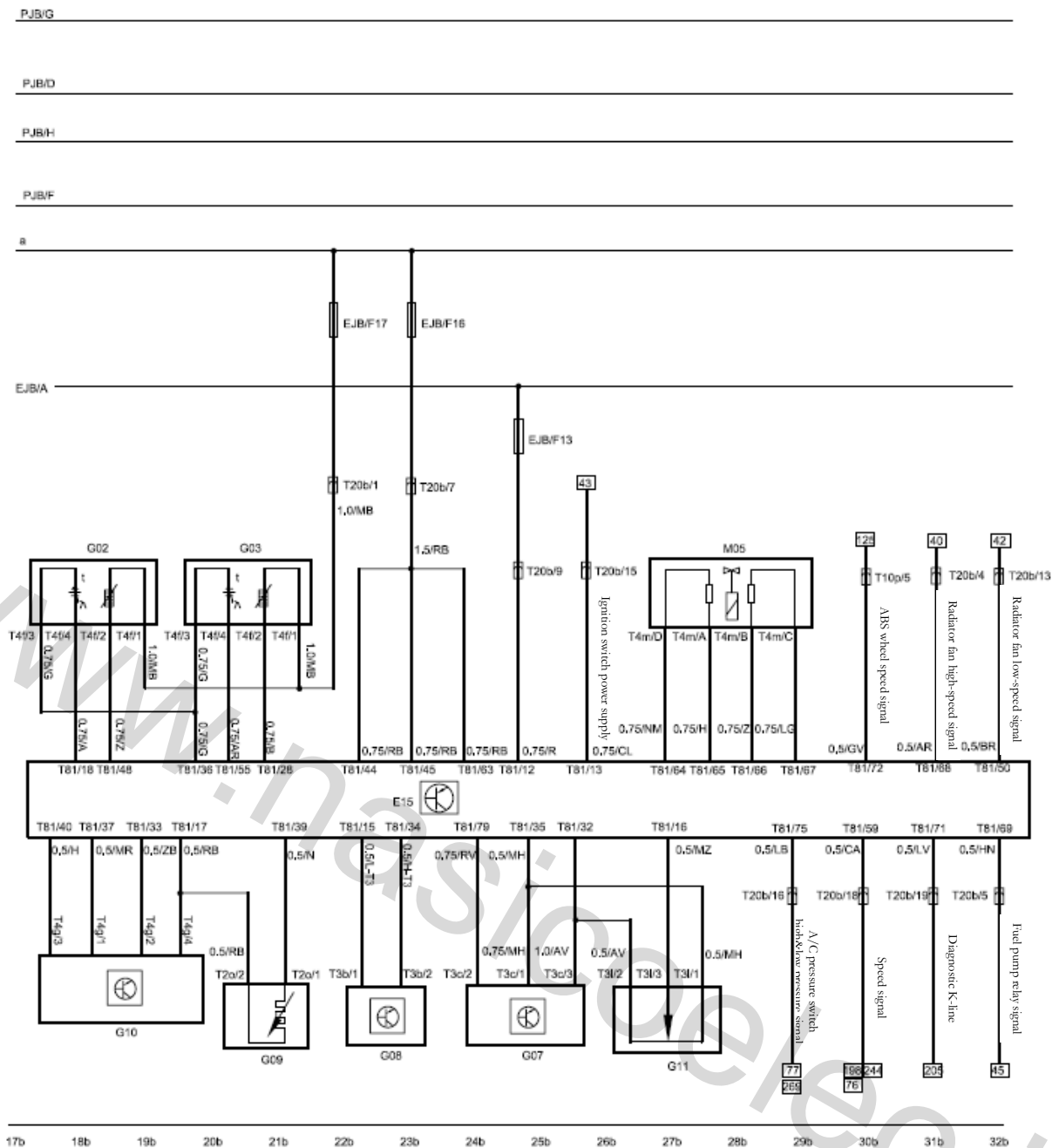
## 2. Engine compartment fuse box layout



PJB

| Item |                                   |     | Item |                                   |      | Item |                          |     |
|------|-----------------------------------|-----|------|-----------------------------------|------|------|--------------------------|-----|
| F1   |                                   |     | F26  | Lighter fuse                      | 15A  | R1   | Rear demist relay        | 70A |
| F2   | Rear demist fuse                  | 30A | F27  |                                   |      | R2   | Blower high-speed relay  | 40A |
| F3   | BCM controller 1                  | 30A | F28  |                                   |      | R3   |                          |     |
| F4   | BCM controller 2                  | 30A | F29  |                                   |      | R4   |                          |     |
| F5   | BCM controller 3                  | 20A | F30  | FL high beam fuse                 | 10A  | R5   |                          |     |
| F6   | Radio cassette fuse               | 10A | F31  | FR high beam fuse                 | 10A  | R6   | Blower low-speed relay   | 30A |
|      |                                   |     | F32  |                                   |      | R7   |                          |     |
| F8   | Diagnostic interface fuse         | 10A | F33  |                                   |      | R8   | Washing fluid pump relay | 30A |
| F9   | Interior lamp fuse                | 5A  | F34  | Ignition switch signal fuse       | 7.5A | R9   |                          |     |
| F10  | Sunroof fuse                      | 15A | F35  | Engine start fuse                 | 10A  | R10  |                          |     |
| F11  |                                   |     | F36  |                                   |      | R11  | Front fog light relay    | 30A |
| F12  |                                   |     | F37  |                                   |      | R12  |                          |     |
| F13  | Front fog light fuse              | 15A | F38  | Ignition coil fuse (MT)           | 15A  | R13  |                          |     |
| F14  | ECU power supply (AT)             | 5A  | F38  | Shift device fuse (AT)            | 10A  | R14  | Low beam relay           | 30A |
| F15  | RH low beam fuse                  | 10A | F39  | Air bag fuse                      | 7.5A | R15  | High beam relay          | 30A |
| F16  | LH low beam fuse                  | 10A | F40  | Speed sensor fuse (MT)            | 10A  | R16  | Overdrive relay          | 30A |
| F17  | Ignition switch power supply fuse | 10A | F41  | Ignition switch power supply fuse | 10A  |      |                          |     |
| F18  | LH position lamp fuse             | 10A | F42  | Back switch (MT)                  | 5A   |      |                          |     |
| F19  | RH position lamp fuse             | 10A | F42  | Ignition coil fuse (AT)           | 15A  |      |                          |     |
| F20  | Back lamp fuse (AT)               | 10A | F43  | ABS controller fuse               | 10A  |      |                          |     |
| F21  |                                   |     | F44  | Brake switch fuse                 | 10A  |      |                          |     |
| F22  | Washing fluid pump fuse           | 15A | F45  | Ignition switch power supply fuse | 7.5A |      |                          |     |
| F23  | Signal fuse                       | 5A  | F46  | Light combination switch fuse     | 20A  |      |                          |     |
| F24  | Wiper control switch fuse         | 15A | F47  | Blower fuse                       | 30A  |      |                          |     |
| F25  | Rear wiper controller fuse        | 15A | F48  |                                   |      |      |                          |     |

### 3. Dashboard fuse box layout



4. Diagram No. 2 of MT electronic injection unit circuit

|            |                                                  |        |                                                                           |
|------------|--------------------------------------------------|--------|---------------------------------------------------------------------------|
| a-         | main relay power supply                          | T3c-   | camshaft position sensor connector, 3-hole                                |
| E15-       | MT engine ECU                                    | G11-   | throttle valve position sensor                                            |
| G09-       | water temperature 1                              | T20b-  | connector of electronic injection cable and main cable, 20-hole, black    |
| G02-       | front oxygen sensor                              | T4f-   | MT oxygen sensor connector, 4-hole                                        |
| G03-       | rear oxygen sensor                               | T4m--  | MT stepper motor connector, 4-hole                                        |
| T81- black | MT electronic injection ECU connection, 81-hole, | T10p-  | connector of MT electronic injection cable and main cable, 10-hole, black |
| T2o-       | water temperature sensor connector, 2-hole       | PJB D- | connection, dashboard fuse box stud                                       |
| G07-       | camshaft position sensor                         | PJB G- | connection, dashboard fuse box stud                                       |
| G08-       | crankshaft position sensor                       | PJB F- | connection, dashboard fuse box stud                                       |
| G10-       | air flow rate sensor                             | PJB H- | connection, dashboard fuse box stud                                       |
| T3i-       | MT throttle valve position sensor connector,     | EJB-   | engine compartment fuse box                                               |
| 3-hole     |                                                  | PJB-   | dashboard fuse box                                                        |
| M05-       | stepper motor                                    | EJB A- | connection, engine compartment fuse box                                   |
| T4g-       | air flow rate sensor connector, 4-hole           |        | connected to positive pole of battery                                     |
| T3b-       | crankshaft position sensor connector, 3-hole     |        |                                                                           |

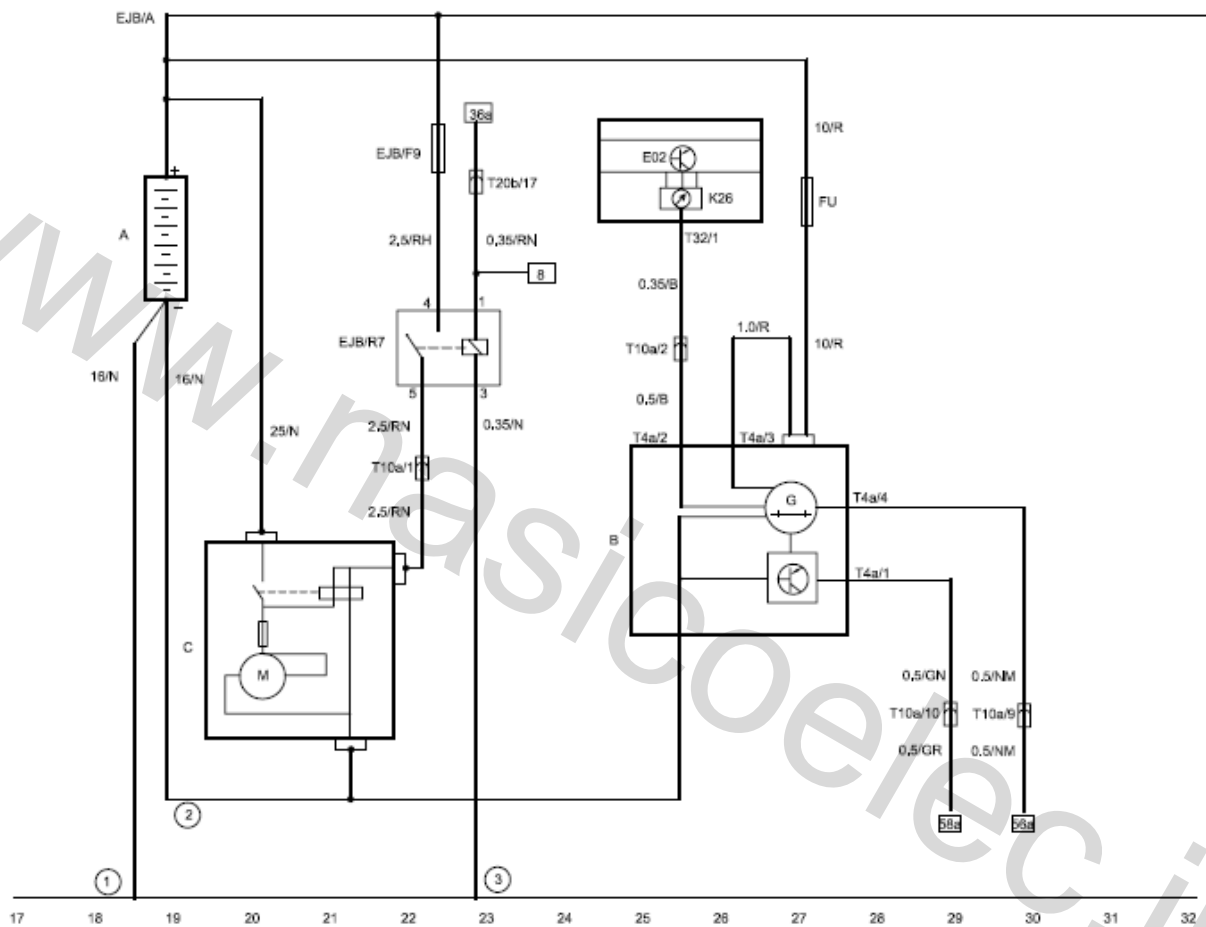
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|-------|------------------------------------------------------------------------|--------|------------------------------------------------------------------|
| a-    | main relay power supply                                                | N01-   | ignition coil 2/3                                                |
| E15-  | MT engine ECU                                                          | N02-   | ignition coil 1/4                                                |
| T20b- | connector of electronic injection cable and main cable, 20-hole, black | T1a-   | A/C compressor connector, 1-hole, gray                           |
| T2n-  | nozzle connector, 2-hole                                               | T2ab-  | MT ignition coil connector, 2-hole, black                        |
| T81-  | MT electronic injection ECU connector, 81-hole, black                  | T1b-   | power steering switch connector, 1-hole                          |
| N03-  | canister solenoid valve                                                | ⑥-     | earth point of MT electronic injection cable in the water trough |
| N05-  | nozzle 1                                                               | PJB D- | connection, dashboard fuse box stud                              |
| N06-  | nozzle 2                                                               | PJB G- | connection, dashboard fuse box stud                              |
| N07-  | nozzle 3                                                               | PJB F- | connection, dashboard fuse box stud                              |
| N08-  | nozzle 4                                                               | PJB H- | connection, dashboard fuse box stud                              |
| T2k-  | canister solenoid valve connector, 2-hole                              | EJB-   | engine compartment fuse box                                      |
| T3k-  | knock sensor connector, 3-hole, black                                  | PJB-   | dashboard fuse box                                               |
| M25-  | A/C compressor                                                         | EJB A- | connection, engine compartment fuse box                          |
| G04-  | knock sensor                                                           |        | connected to positive pole of battery                            |
| D04-  | power steering switch                                                  |        |                                                                  |

PJB/G

PJB/D

PJB/H

PJB/F



## 6. Diagram of generator and starter circuit

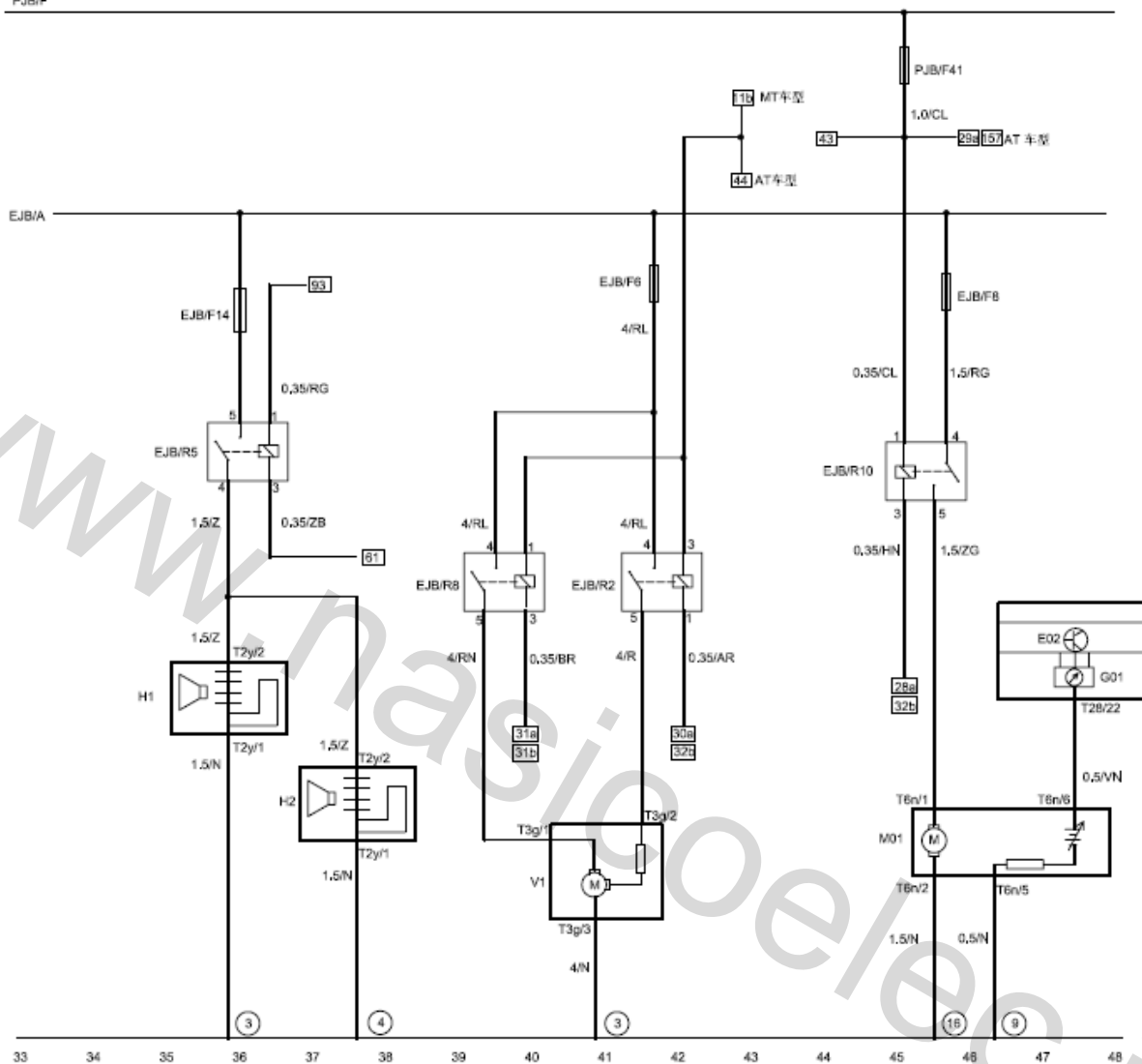
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|--------|-------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------|
| A-     | battery                                                                       | K26-   | generator charging indication lamp in combination instrument                        |
| B-     | generator                                                                     | E02-   | combination instrument                                                              |
| C-     | starter                                                                       | T32-   | combination instrument connector, 32-hole, blue connection, dashboard fuse box stud |
| EJB A- | connection, engine compartment fuse box connected to positive pole of battery | PJB D- | connection, dashboard fuse box stud                                                 |
| EJB-   | engine compartment fuse box                                                   | PJB G- | connection, dashboard fuse box stud                                                 |
| PJB-   | dashboard fuse box                                                            | PJB F- | connection, dashboard fuse box stud                                                 |
| FU-    | fuse from generator to battery                                                | PJB H- | connection, dashboard fuse box stud                                                 |
| T20b-  | connector of electronic injection cable and main cable, 20-hole, black        | ③-     | earth point on FL engine compartment                                                |
| T10a-  | connector of battery cable to main cable, 10-hole, black                      | ①-     | body                                                                                |
| T4a-   | generator connector, 4-hole, gray                                             | ②-     | negative pole of battery to engine                                                  |

PJB/G

PJB/D

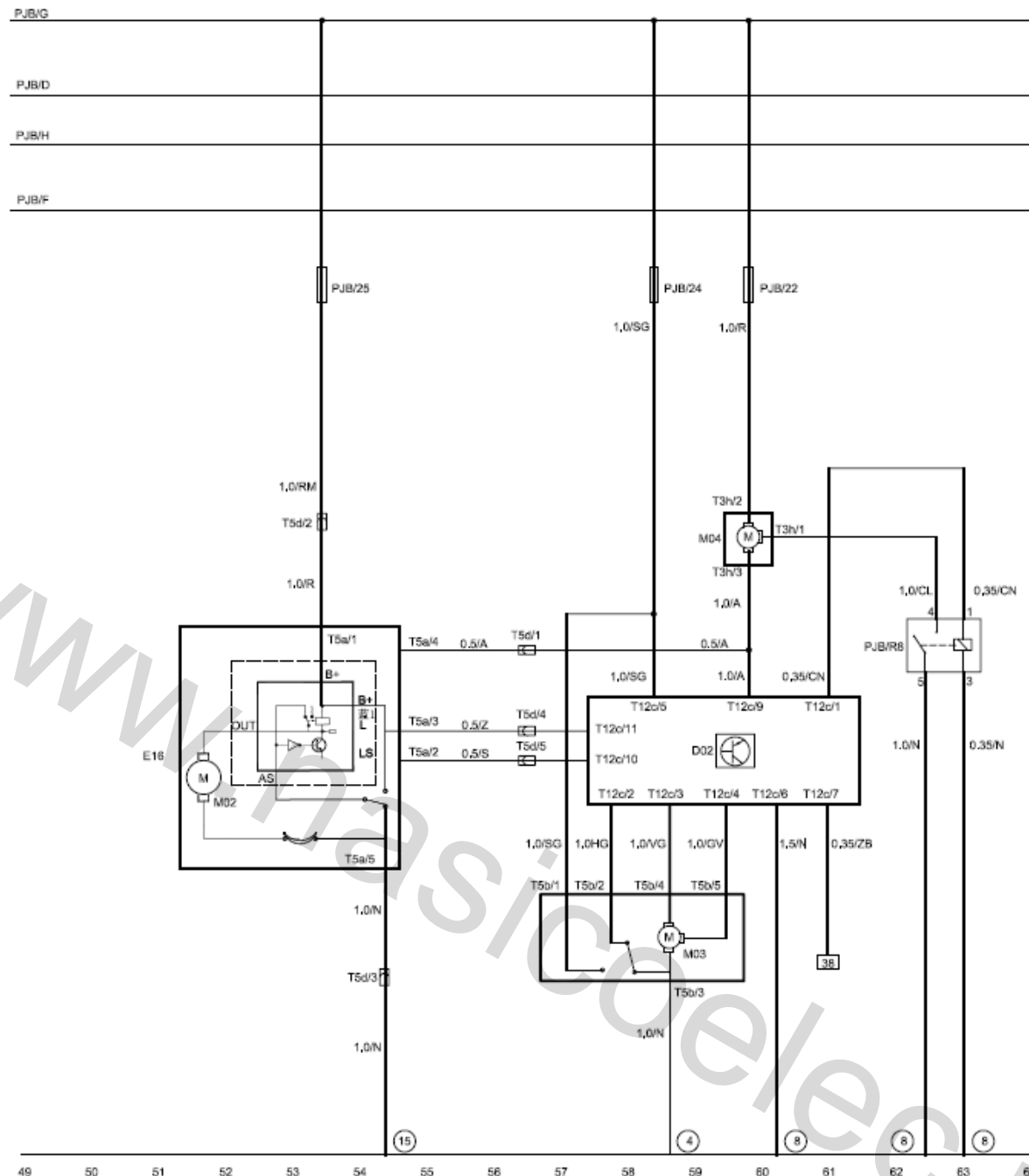
PJB/H

PJB/F



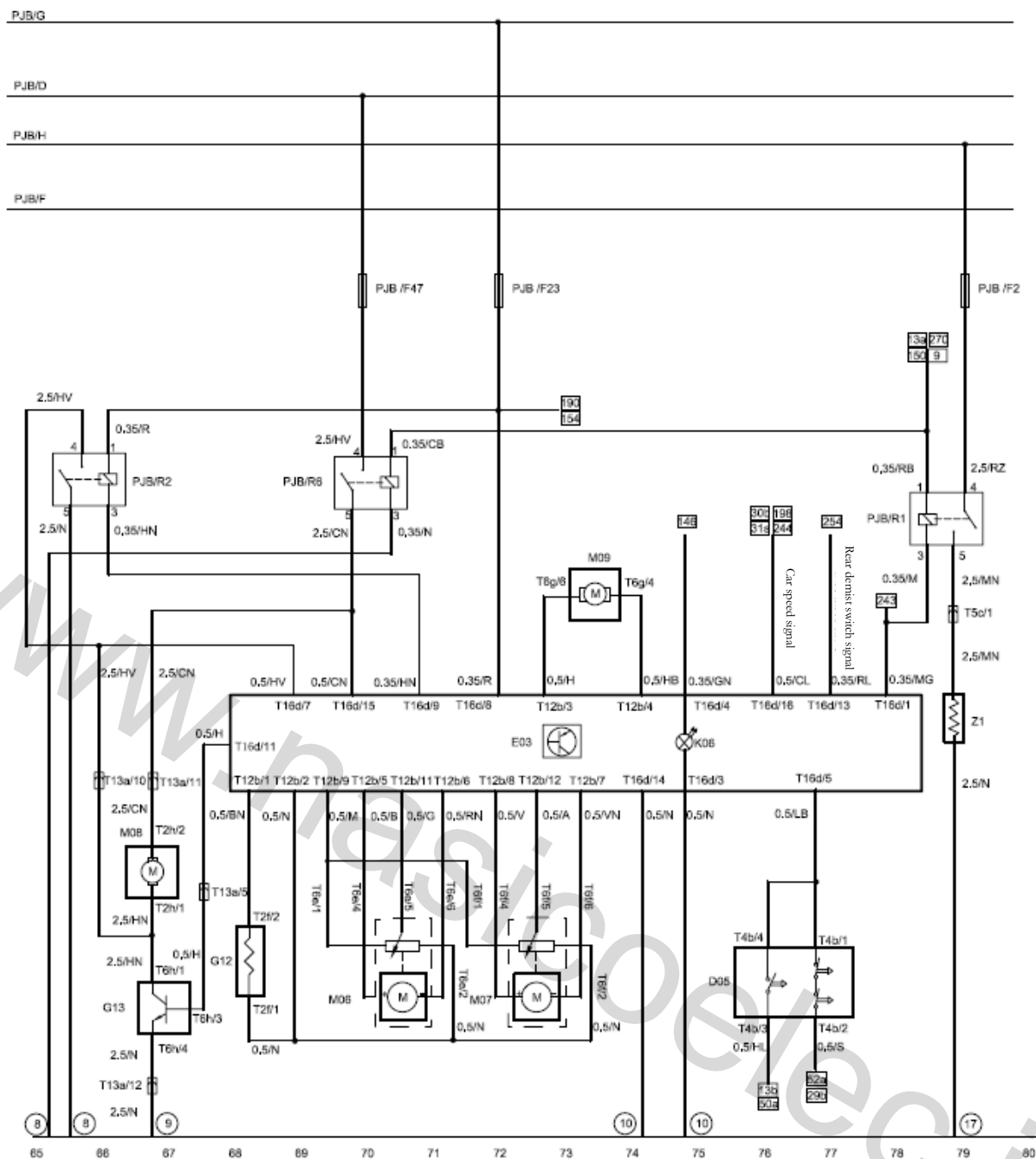
7. Diagram of horn, radiator fan and fuel pump circuit

|       |                                                                        |                                       |                                                |
|-------|------------------------------------------------------------------------|---------------------------------------|------------------------------------------------|
| M01-  | fuel pump and fuel level sensor                                        | H2-                                   | FR horn                                        |
| H1-   | FL horn                                                                | PJB D-                                | connection, dashboard fuse box stud            |
| T2y-  | horn connector, 2-hole, black                                          | PJB G-                                | connection, dashboard fuse box stud            |
| V1-   | radiator cooling fan                                                   | PJB F-                                | connection, dashboard fuse box stud            |
| EJB-  | engine compartment fuse box                                            | PJB H-                                | connection, dashboard fuse box stud            |
| PJB-  | dashboard fuse box                                                     | EJB-                                  | engine compartment fuse box                    |
| T28-  | combination instrument connector, 28-hole, black                       | PJB-                                  | dashboard fuse box                             |
| T3g-  | fan connector, 3-hole, black                                           | EJB A-                                | connection, engine compartment fuse box        |
| T6n-  | fuel pump connector, 6-hole, brown                                     | connected to positive pole of battery |                                                |
| T20b- | connector of electronic injection cable and main cable, 20-hole, black | ③-                                    | earth point on FL engine compartment           |
| E02-  | combination instrument                                                 | ④-                                    | earth point on FR engine compartment           |
| G01-  | fuel level indication in combination instrument                        | ○,16-                                 | Lower earth point of main cable on RR seat     |
|       |                                                                        | ⑨-                                    | lower earth point of main cable on RH pillar A |



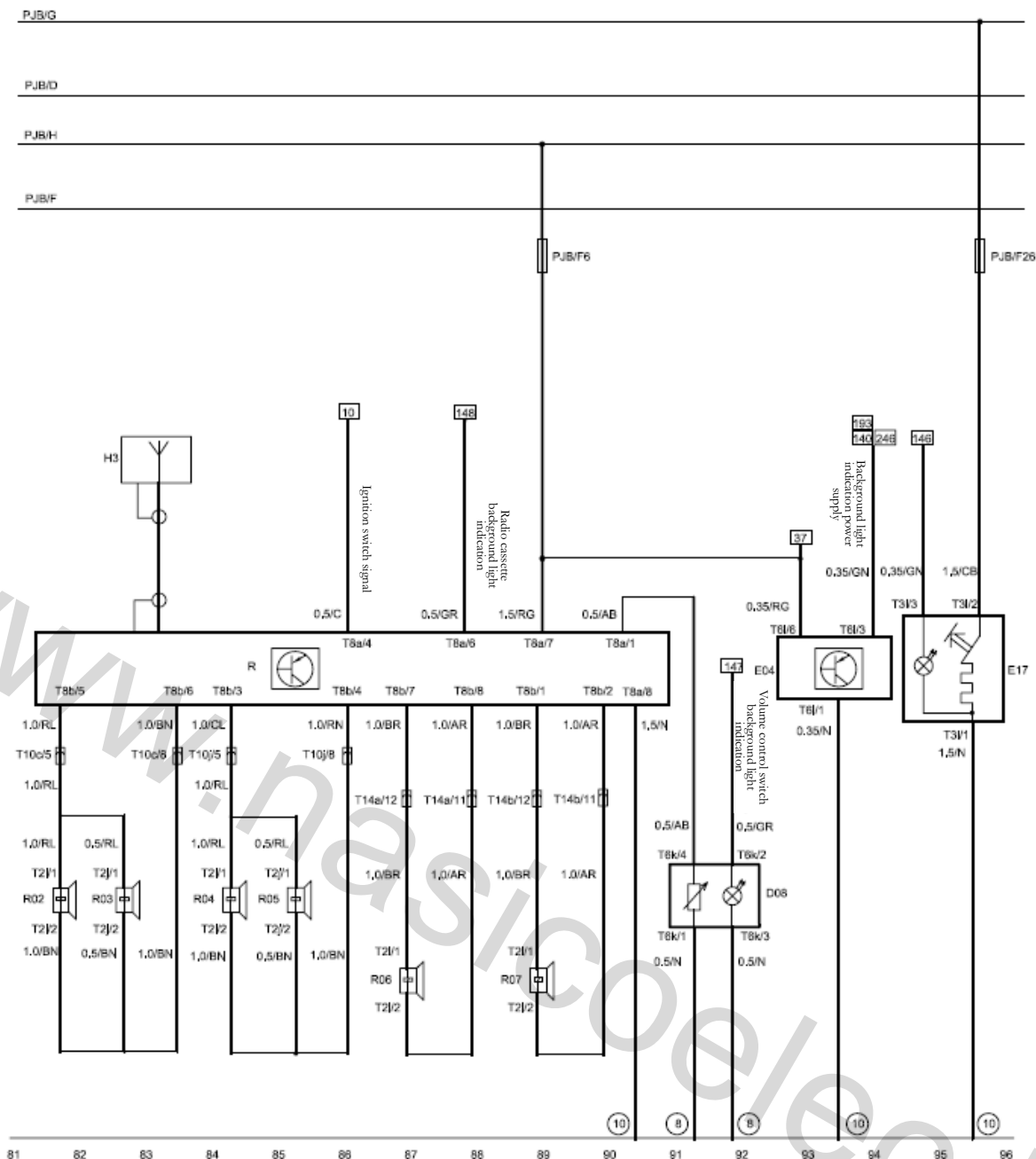
8. Diagram of wiper blade control switch, rear wiper controller, front wiper motor and washing fluid pump circuit

|       |                                                               |        |                                                                               |
|-------|---------------------------------------------------------------|--------|-------------------------------------------------------------------------------|
| M02-  | rear windshield wiper motor                                   | ○,15-  | Lower earth point of main cable on RL seat                                    |
| D02-  | wiper switch                                                  | ④-     | earth point on FR engine compartment                                          |
| M03-  | front windshield wiper motor                                  | ⑧-     | lower earth point of main cable on LH pillar A                                |
| M04-  | washing fluid pump motor                                      | PJB D- | connection, dashboard fuse box stud                                           |
| E16-  | rear wiper controller and motor                               | PJB G- | connection, dashboard fuse box stud                                           |
| T5d-  | connector of LH tail gate cable and main cable, 5-hole, brown | PJB F- | connection, dashboard fuse box stud                                           |
| T5a-  | rear wiper controller connector, 5-hole, gray                 | PJB H- | connection, dashboard fuse box stud                                           |
| T5b-  | front wiper motor connector, 5-hole, black                    | EJB-   | engine compartment fuse box                                                   |
| T12c- | wiper switch connector, 12-hole, white                        | PJB-   | dashboard fuse box                                                            |
| T3h-  | washing fluid pump motor connector, 3-hole, black             | EJB A- | connection, engine compartment fuse box connected to positive pole of battery |



9. Diagram of power A/C control unit, blower and rear demist circuit

|       |                                                         |        |                                                      |
|-------|---------------------------------------------------------|--------|------------------------------------------------------|
| T13a- | connector of main cable and power A/C cable, 13-hole,   | ⑨-     | lower earth point of main cable on RH pillar A       |
| T4b-  | A/C pressure switch connector, 4-hole, green            | ⑩-     | earth point on dashboard cross member                |
| T5c-  | connector of main cable and LH tail gate cable, 5-hole, | ④-     | earth point on FR engine compartment                 |
| K06-  | A/C control unit background light illumination          | ○, 17- | earth point of main cable on RH pillar C             |
| T16d- | A/C ECU connector, 16-hole, black                       |        | power A/C control unit                               |
| T12b- | A/C ECU connector, 12-hole, black                       |        | power A/C control unit                               |
| T2f-  | A/C evaporator sensor connector, 2-hole, white          |        | mixer air gate motor                                 |
| T6g-  | fresh air/circulation module motor connector, 6-hole,   |        | air out module motor                                 |
| T6h-  | blower motor connector, 2-hole, white                   |        | A/C three-state pressure switch                      |
| T6i-  | blower speed regulation resistor connector, 6-hole,     |        | blower motor                                         |
| T6f-  | A/C air out module motor connector, 6-hole, green       |        | connection, dashboard fuse box stud                  |
| M09-  | fresh air/circulation air module motor                  |        | connection, dashboard fuse box stud                  |
| G12-  | evaporator temperature sensor                           |        | connection, dashboard fuse box stud                  |
| G13-  | blower speed regulation resistor                        |        | engine compartment fuse box                          |
| ⑧-    | lower earth point of main cable on LH pillar A          |        | dashboard fuse box                                   |
|       |                                                         |        | connection, engine compartment fuse box connected to |
|       |                                                         |        | positive pole of battery                             |



**10. Diagram of radio cassette, steering wheel volume switch, electronic clock and lighter circuit**

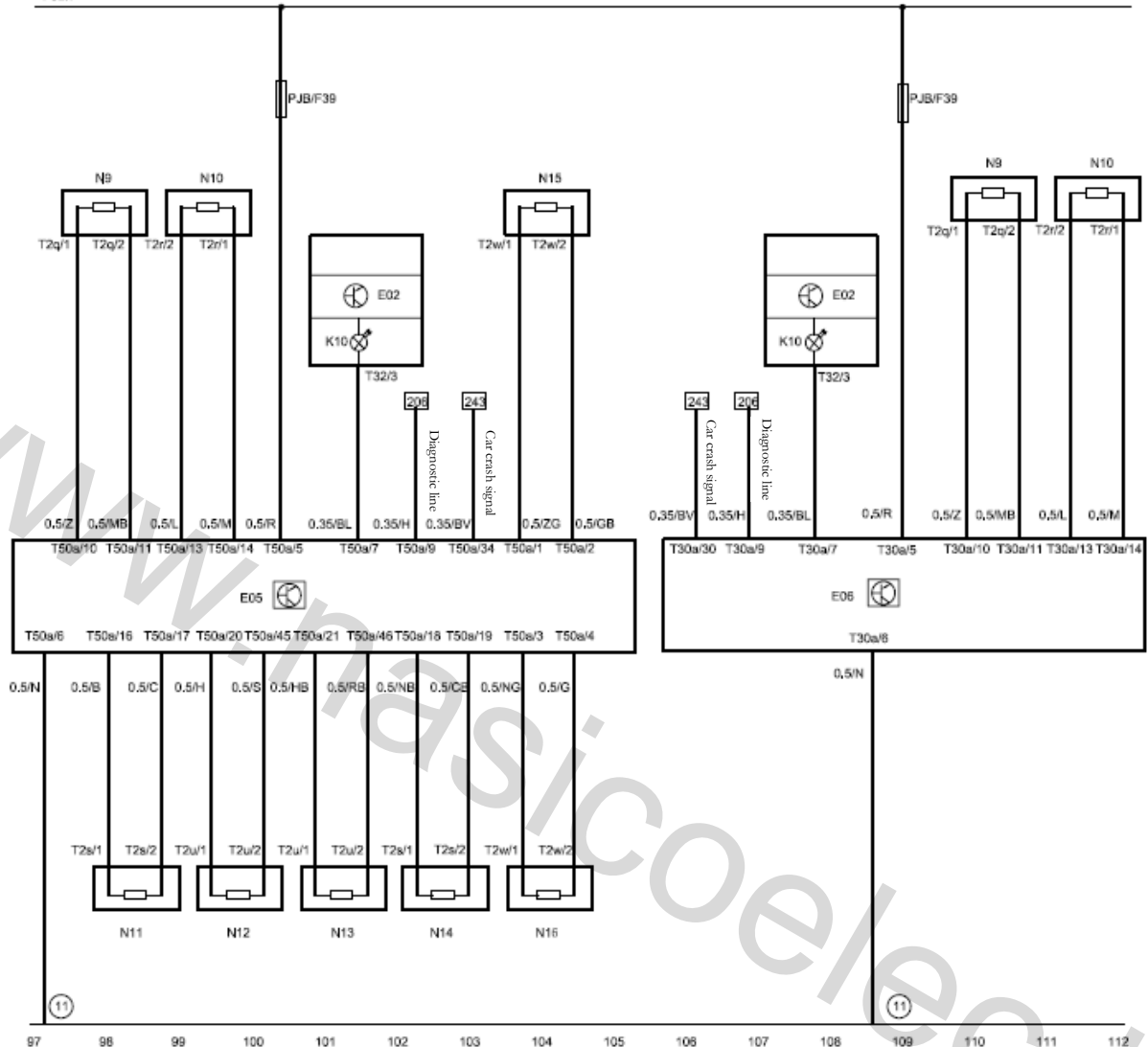
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|-------|-----------------------------------------------------------------|--------|-------------------------------------------------------------------------------|
| T10c- | connector B of FL door cable and dashboard main cable, 10-hole  | R03-   | FL door treble speaker                                                        |
| T6k-  | steering wheel volume adjusting switch connector, 6-hole, black | R04-   | FR door bass speaker                                                          |
| T6l-  | electronic clock connector, 6-hole, black                       | R05-   | FR door treble speaker                                                        |
| H3-   | radio cassette antenna                                          | R06-   | RL door bass speaker                                                          |
| T10j- | connector B of FR door cable and dashboard main cable, 10-hole  | R07-   | RR door bass speaker                                                          |
| T8a-  | radio cassette connector A, 8-hole                              | R08-   | steering wheel radio cassette volume control switch                           |
| T8b-  | radio cassette connector B, 8-hole                              | E17-   | lighter                                                                       |
| T14a- | connector of RL door to main cable, 14-hole, white              | T3l-   | lighter connector, 3-hole, white                                              |
| T14b- | connector of RR door to main cable, 14-hole, white              | E04-   | electronic clock                                                              |
| ⑧-    | lower earthing point of main cable on LH pillar A               | PJB D- | connection, dashboard fuse box stud                                           |
| ⑩-    | earth point on dashboard cross member                           | PJB G- | connection, dashboard fuse box stud                                           |
| T2i-  | bass speaker connector, 2-hole, black                           | PJB F- | connection, dashboard fuse box stud                                           |
| T2j-  | treble speaker connector, 2-hole, black                         | PJB H- | connection, dashboard fuse box stud                                           |
| R-    | radio cassette                                                  | EJB-   | engine compartment fuse box                                                   |
| R02-  | FL door bass speaker                                            | PJB-   | dashboard fuse box                                                            |
|       |                                                                 | EJB A- | connection, engine compartment fuse box connected to positive pole of battery |

PJB/G

PJB/D

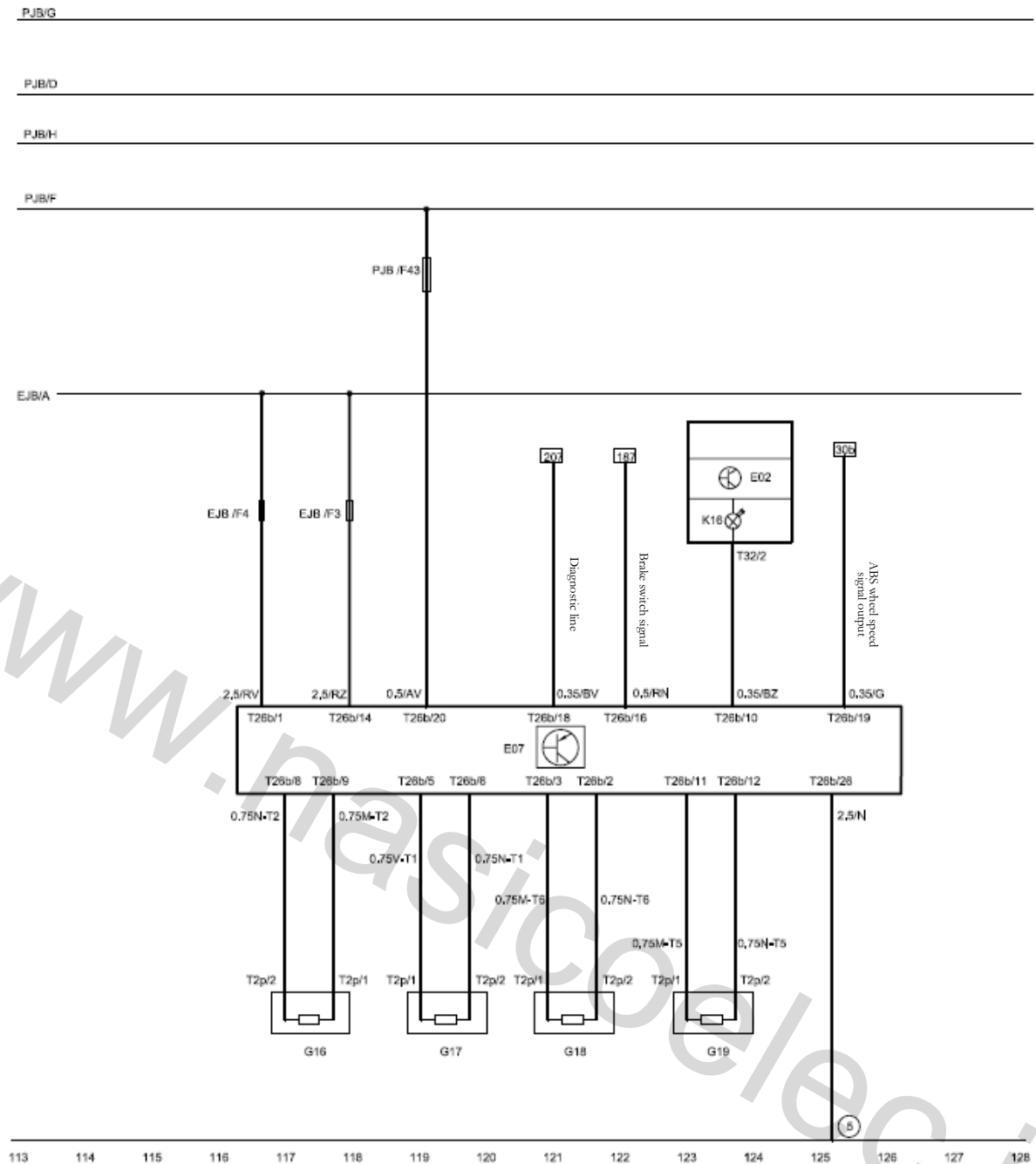
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PJB/F



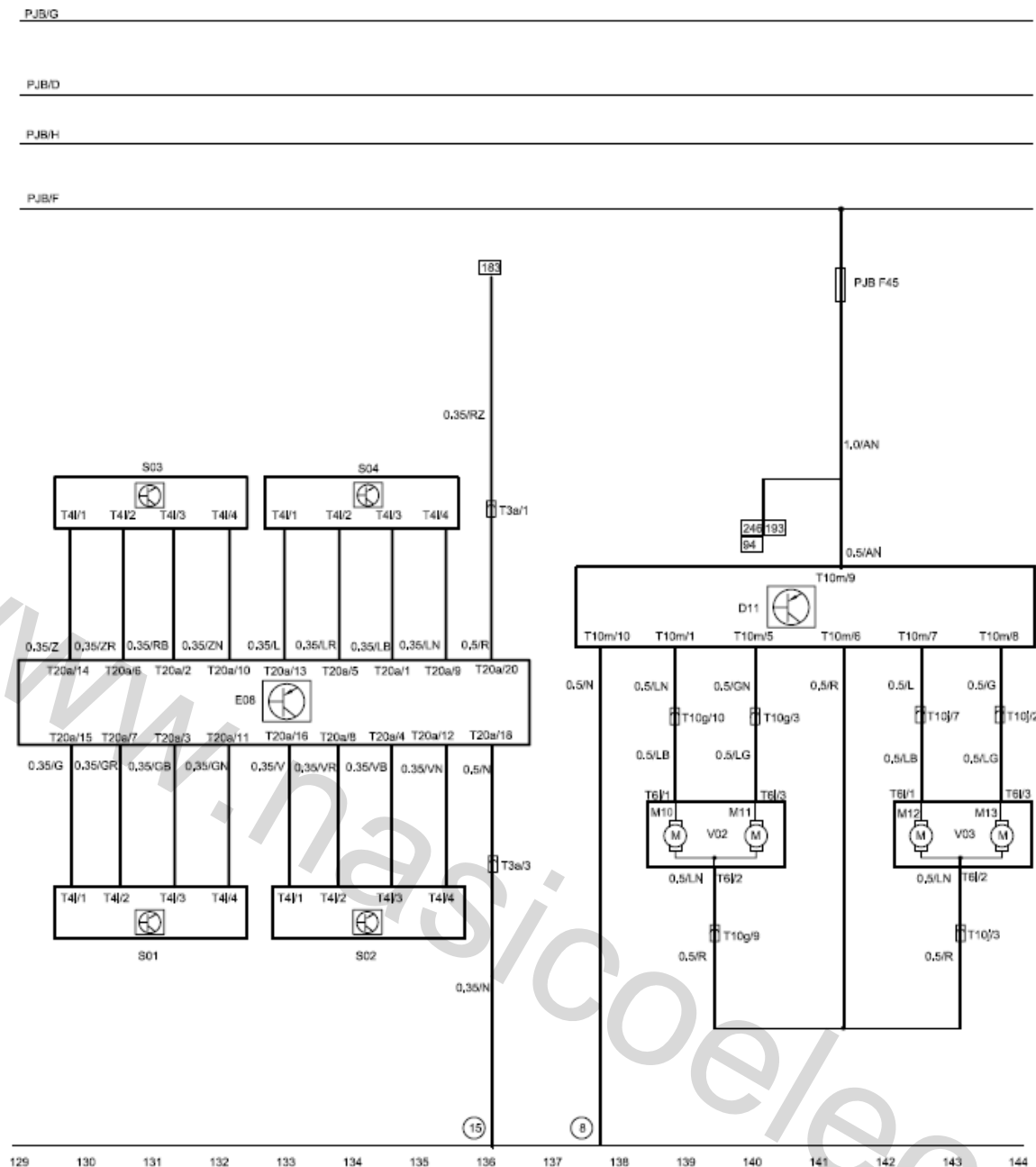
11. Diagram of dual-loop air bag and 6-loop air bag circuit

|       |                                                             |                    |                                                                               |
|-------|-------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------|
| E05-  | 6-loop air bag ECU                                          | instrument         |                                                                               |
| E06-  | double-loop air bag                                         | E02-               | combination instrument                                                        |
| N9-   | driver's air bag trigger                                    | T32-               | combination instrument connector, 32-hole, blue                               |
| N10-  | front passenger's air bag trigger                           | T2s-               | side air bag trigger connector, 2-hole, yellow                                |
| N11-  | driver's side air bag trigger                               | T2u-               | side air bag sensor connector, 2-hole, yellow                                 |
| N12-  | driver's side air bag sensor                                | T2w-               | seat belt pre-tightening connector, 2-hole, yellow                            |
| N13-  | front passenger's side air bag sensor                       | ○, <sup>11</sup> - | air bag ECU earth point                                                       |
| N14-  | front passenger's side air bag trigger                      | PJB D-             | connection, dashboard fuse box stud                                           |
| T50a- | 6-loop air bag ECU connector, 50-hole, yellow               | PJB G-             | connection, dashboard fuse box stud                                           |
| T30a- | double-loop air bag ECU connector, 30-hole, yellow          | PJB F-             | connection, dashboard fuse box stud                                           |
| T2q-  | driver's air bag trigger connector, 2-hole, yellow          | PJB H-             | connection, dashboard fuse box stud                                           |
| T2r-  | front passenger's air bag trigger connector, 2-hole, yellow | EJB-               | engine compartment fuse box                                                   |
| N16-  | front passenger's side seat belt pre-tightening device      | PJB-               | dashboard fuse box                                                            |
| N15-  | driver's side seat belt pre-tightening device               | EJB A-             | connection, engine compartment fuse box connected to positive pole of battery |
| K10-  | air bag problem indication lamp in combination              |                    |                                                                               |



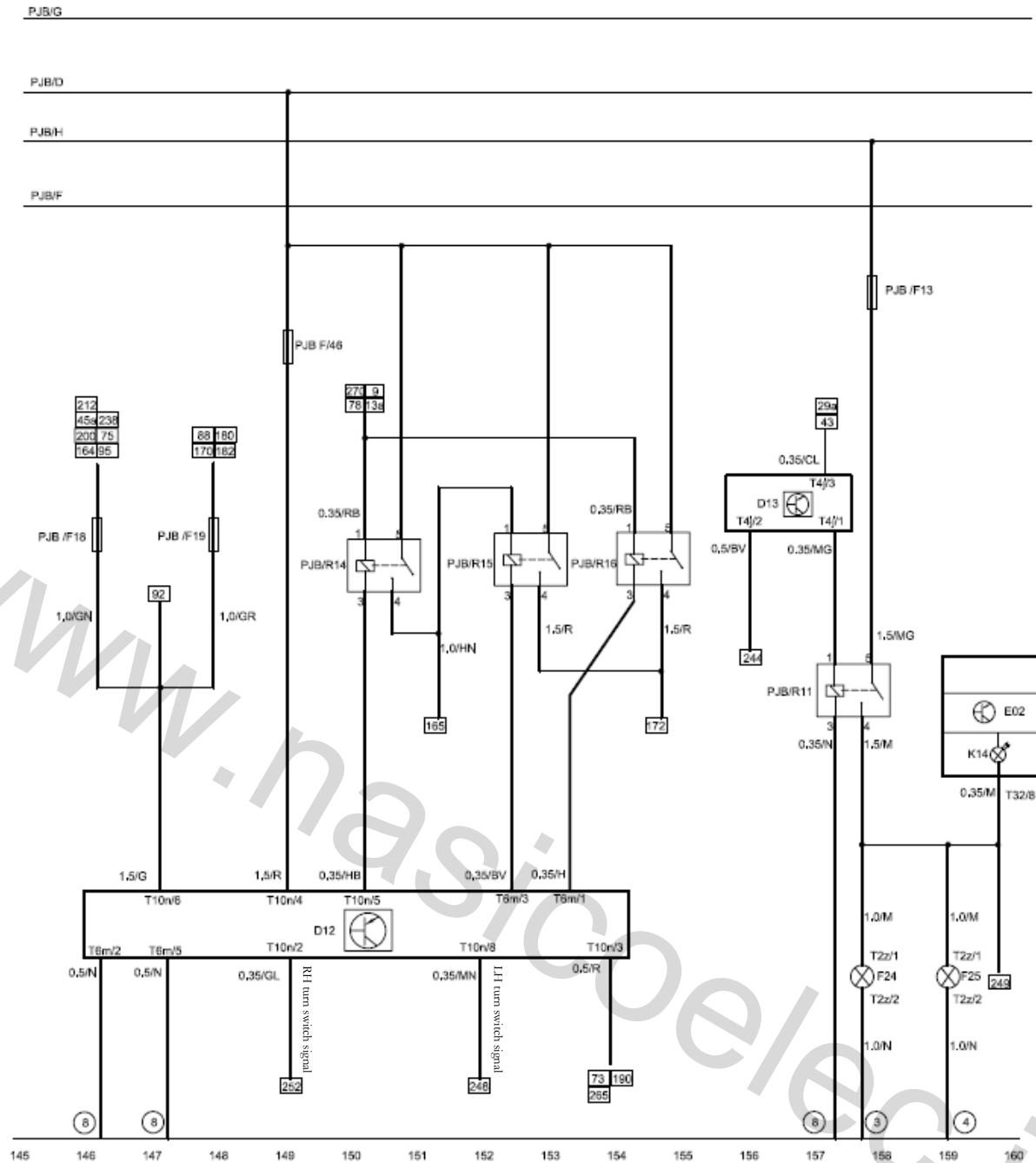
## 12. Diagram of ABS circuit

|        |                                                                               |
|--------|-------------------------------------------------------------------------------|
| E07-   | ABS ECU                                                                       |
| G16-   | FL wheel speed sensor                                                         |
| G17-   | FR wheel speed sensor                                                         |
| G18-   | RL wheel speed sensor                                                         |
| G19-   | RR wheel speed sensor                                                         |
| E02-   | combination instrument                                                        |
| T32-   | combination instrument connector, 32-hole, blue                               |
| K16-   | combination instrument ABS problem indication lamp                            |
| T2p-   | ABS sensor connector, 2-hole, black                                           |
| T26b-  | ABS ECU connector, 26-hole, black                                             |
| ⑤-     | ABS earth point in the water trough                                           |
| PJB D- | connection, dashboard fuse box stud                                           |
| PJB G- | connection, dashboard fuse box stud                                           |
| PJB F- | connection, dashboard fuse box stud                                           |
| PJB H- | connection, dashboard fuse box stud                                           |
| EJB-   | engine compartment fuse box                                                   |
| PJB-   | dashboard fuse box                                                            |
| EJB A- | connection, engine compartment fuse box connected to positive pole of battery |



### 13. Diagram of back radar and power rearview mirror circuit

|        |                                                                     |        |                                                                      |
|--------|---------------------------------------------------------------------|--------|----------------------------------------------------------------------|
| E08-   | back radar ECU                                                      | ⑧-     | lower earth point of main cable on LH pillar A                       |
| D11-   | power rearview mirror switch                                        | PJB D- | connection, dashboard fuse box stud                                  |
| S01-   | back radar sensor 1 (from left to right)                            | PJB G- | connection, dashboard fuse box stud                                  |
| S02-   | back radar sensor 2 (from left to right)                            | PJB F- | connection, dashboard fuse box stud                                  |
| S03-   | back radar sensor 3 (from left to right)                            | PJB H- | connection, dashboard fuse box stud                                  |
| S04-   | back radar sensor 4 (from left to right)                            | EJB-   | engine compartment fuse box                                          |
| V02-   | FL door power rearview mirror                                       | PJB-   | dashboard fuse box                                                   |
| V03-   | FR door power rearview mirror                                       | M10-   | RL rearview mirror left & right adjusting motor                      |
| T10g-  | connector C of FL door cable and dashboard main cable, 10-hole      | M11-   | RL rearview mirror up & down adjusting motor                         |
| T20a - | back radar ECU connector, 20-hole, black                            | M12-   | RR rearview mirror left & right adjusting motor                      |
| T3a-   | connector of main cable and back radar cable, 3-hole, white         | M13-   | RR rearview mirror up & down adjusting motor                         |
| T10m-  | power rearview mirror switch connector, 10-hole, white              | T4l-   | back radar sensor connector, 4-hole, green                           |
| T10j-  | connector of FR door cable and dashboard main cable, 10-hole, white | T6i-   | power rearview mirror connector, 6-hole, white                       |
|        |                                                                     | T10g-  | connector of FL door cable and dashboard main cable, 10-hole, orange |
|        |                                                                     | O,15-  | Lower earth point of main cable on RL seat                           |



14. Diagram of light control switch circuit

D12- light combination control switch  
D13- fog light control switch  
F24- FL fog light  
F25- FR fog light  
T10n- light combination switch connector, 10-hole, white  
T6m- light combination switch connector, 6-hole, white  
T4j- fog light switch connector, 4-hole, black  
K14- front fog light indication in combination instrument  
T2z- front fog light connector, 2-hole, black  
E02- combination instrument  
T32- combination instrument connector, 32-hole, blue  
PJB D- connection, dashboard fuse box stud

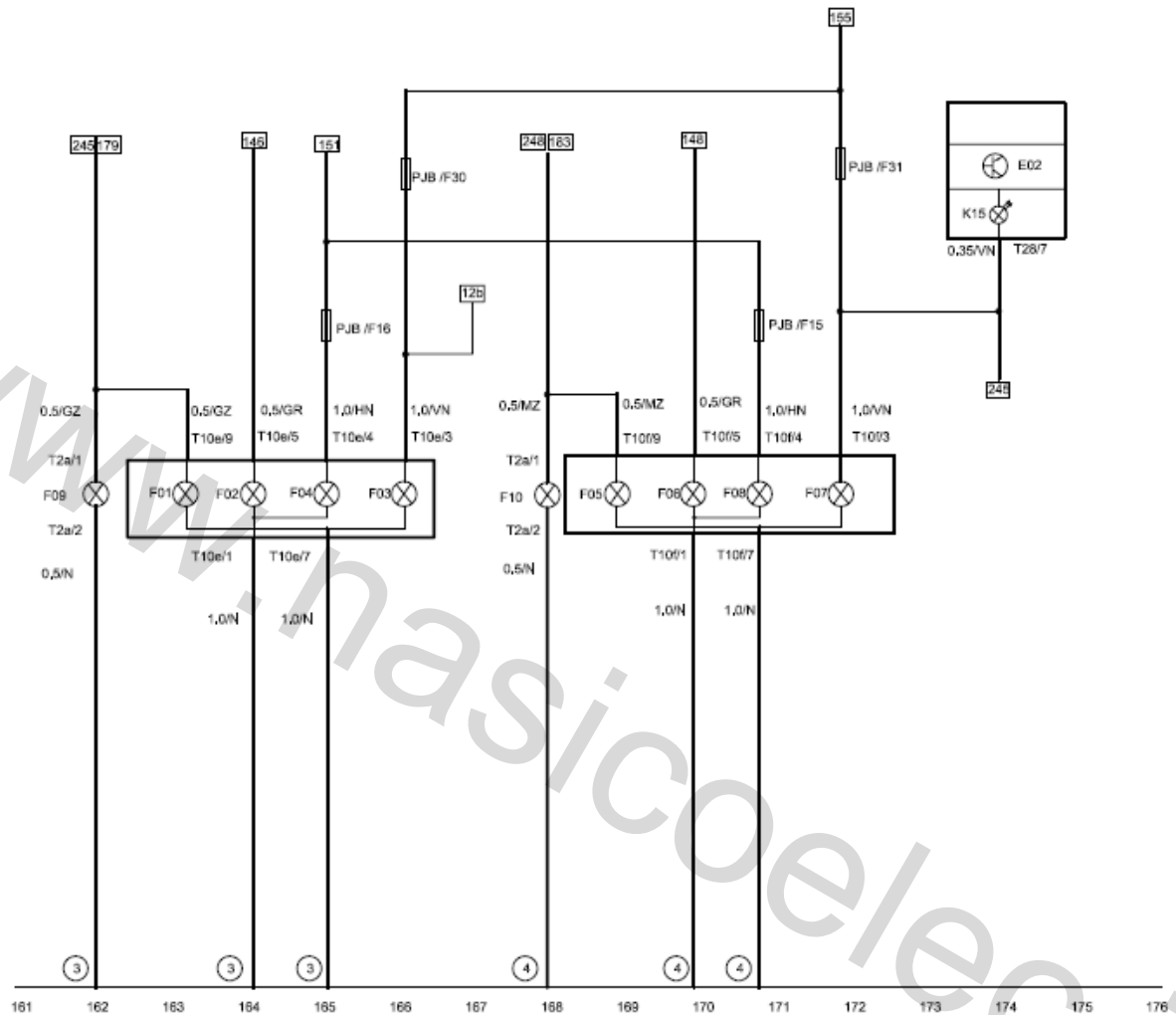
PJB G- connection, dashboard fuse box stud  
PJB F- connection, dashboard fuse box stud  
PJB H- connection, dashboard fuse box stud  
EJB- engine compartment fuse box  
PJB- dashboard fuse box  
EJB A- connection, engine compartment fuse box connected to positive pole of battery  
③- earth point on FL engine compartment  
④- earth point on FR engine compartment  
⑧- lower earth point of main cable on LH pillar A

PJB/G

PJB/D

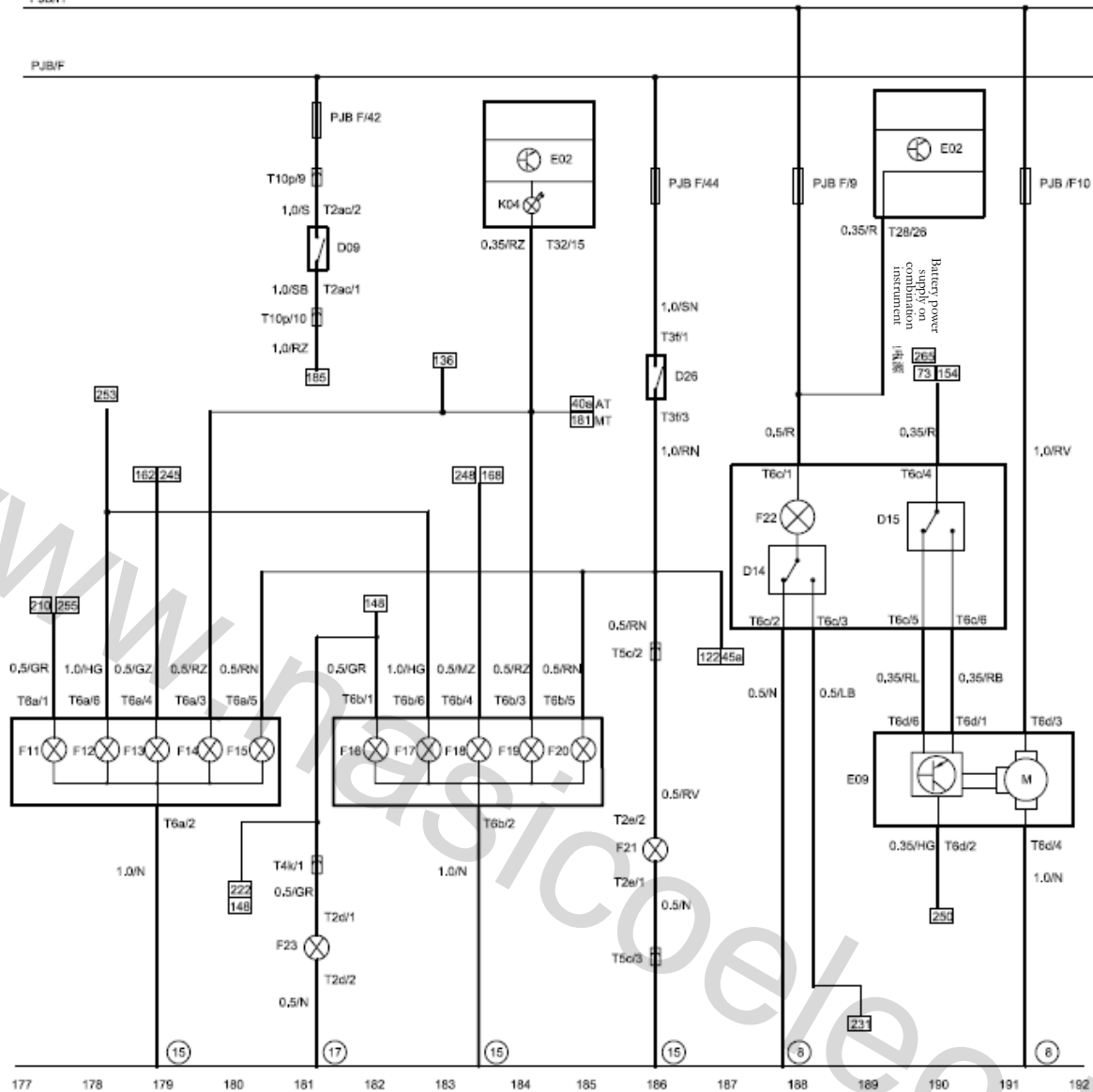
PJB/H

PJB/F



15. Diagram of front headlamp and side turning lamp circuit

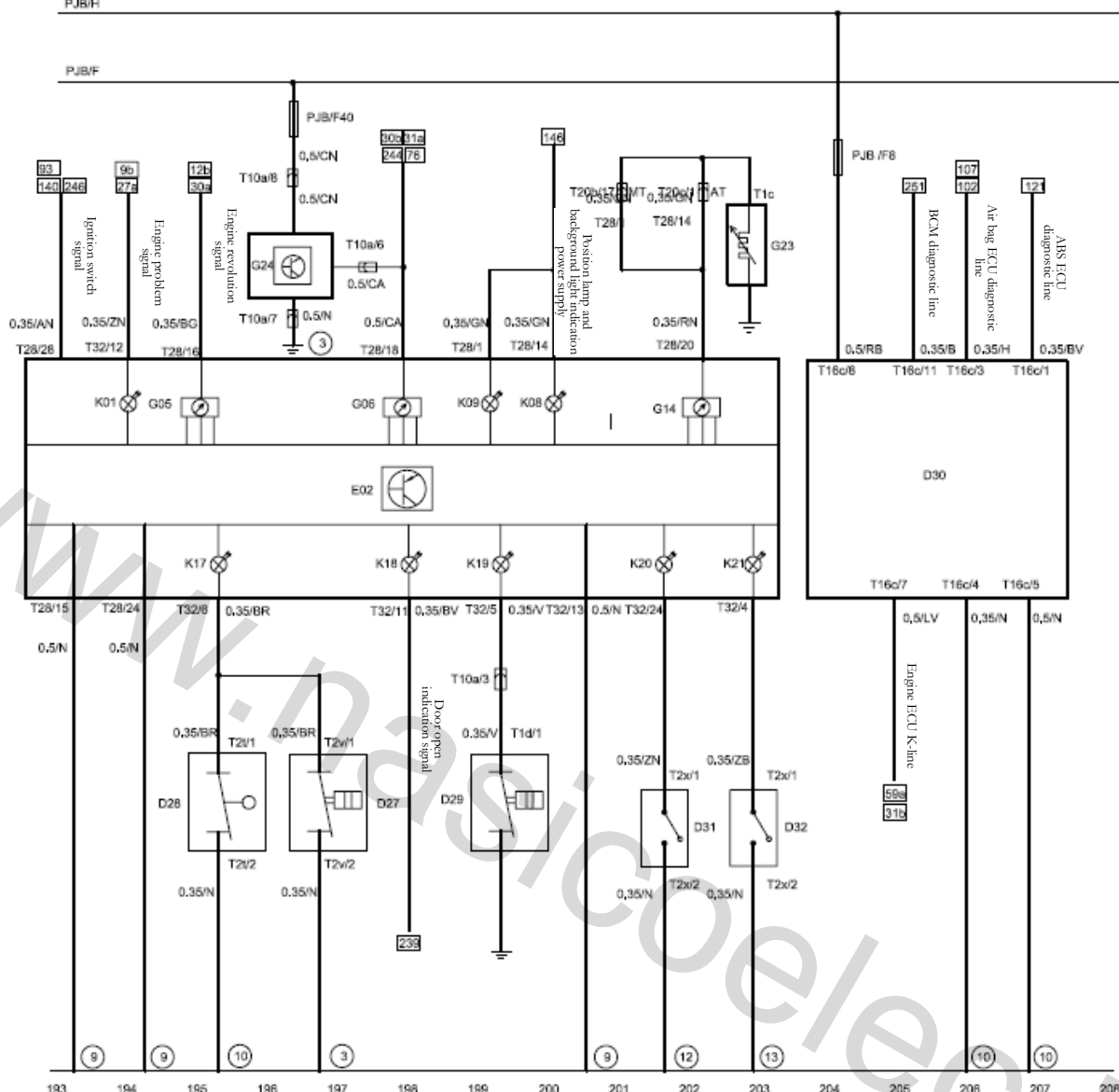
|       |                                                       |        |                                      |
|-------|-------------------------------------------------------|--------|--------------------------------------|
| T10e- | FL headlamp connector, 10-hole, black                 | F06-   | FR position lamp                     |
| T10f- | FR headlamp connector, 10-hole, black                 | F07-   | FR high beam                         |
| F01-  | FL turning lamp                                       | F08-   | FR low beam                          |
| F02-  | FL position lamp                                      | E02-   | combination instrument               |
| F03-  | FL high beam                                          | ③-     | earth point on FL engine compartment |
| F04-  | FL low beam                                           | ④-     | earth point on FR engine compartment |
| K15-  | high beam indication signal in combination instrument | PJB D- | connection, dashboard fuse box stud  |
| T28-  | combination instrument connector, 28-hole, black      | PJB G- | connection, dashboard fuse box stud  |
| T2a-  | side turning lamp connector, 2-hole, black            | PJB F- | connection, dashboard fuse box stud  |
| F09-  | LH turning lamp                                       | PJB H- | connection, dashboard fuse box stud  |
| F10-  | RH turning lamp                                       | PJB-   | dashboard fuse box                   |
| F05-  | FR turning lamp                                       |        |                                      |



**16. Diagram of rear tail light, high-mounted brake lamp, license plate lamp, interior ceiling lamp and sunroof controller circuit**

T6a- RL tail lamp connector, 6-hole, white  
T6b- RR tail lamp connector, 6-hole, white  
T4k- connector of RH tail gate cable and main cable, 4-hole, white  
F11- RL position lamp  
F13- RL turning lamp  
F14- RL back lam  
F15- RL brake lamp  
T6d- sunroof controller connector, 6-hole, gray  
T6c- interior lamp and sunroof switch connector, 6-hole, white  
F12- RL fog light  
T2e- high-mounted brake lamp connector, 2-hole, white  
T3f- brake lamp connector, 3-hole, white  
T5c- connector of main cable and LH tail gate cable, 5-hole, black  
F21- high-mounted brake lamp  
D14- interior lamp switch  
F16- RR position lamp  
F17- RR fog light  
F18- RR turning lamp

F19- RR back lamp  
F20- RR brake lamp  
T2d- license plate lamp connector, 2-hole, white  
E09- sunroof controller  
D15- sunroof control switch  
F23- license plate lamp  
F22- interior ceiling lamp  
D26- brake switch  
D09- MT back switch  
○<sub>15</sub>- Lower earth point of main cable on RL seat  
○<sub>17</sub>- earth point of main cable on RH pillar C  
⑧- lower earth point of main cable on LH pillar A  
PJB D- connection, dashboard fuse box stud  
PJB G- connection, dashboard fuse box stud  
PJB F- connection, dashboard fuse box stud  
PJB H- connection, dashboard fuse box stud  
EJB- engine compartment fuse box  
PJB- dashboard fuse box  
EJB A- connection, engine compartment fuse box connected to positive pole of battery

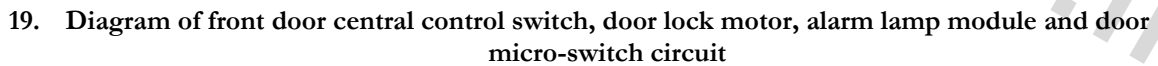


17. Diagram of brake oil level sensor, hand brake, seat belt buckle, engine oil pressure sensor, water temperature sensor and diagnostic interface (MT car speed sensor) circuit

|      |                                                                                   |        |                                                          |
|------|-----------------------------------------------------------------------------------|--------|----------------------------------------------------------|
| D27- | brake fluid cup level switch                                                      | G05-   | tachometer in combination instrument                     |
| D28- | hand brake switch                                                                 | T10a-  | connector of battery cable to main cable, 10-hole, black |
| T2t- | hand brake switch connector, 2-hole, black                                        | K01-   | engine problem indication lamp in combination instrument |
| T2v- | brake fluid level sensor connector, 2-hole, gray                                  | D30-   | diagnostic interface of electrical parts                 |
| K17- | combination instrument hand brake indication signal                               | T16c-  | diagnostic interface connector, 16-hole, black           |
| K18- | combination instrument door open indication signal                                | G24-   | MT speed sensor                                          |
| D29- | engine oil pressure switch                                                        | G23-   | water temperature sensor 2                               |
| K19- | combination instrument engine oil pressure alarm signal                           | PJB D- | connection, dashboard fuse box stud                      |
| T32- | combination instrument connector, 32-hole, blue                                   | PJB G- | connection, dashboard fuse box stud                      |
| K09- | position lamp indication signal in combination instrument                         | PJB F- | connection, dashboard fuse box stud                      |
| K08- | background light illumination in combination instrument                           | PJB H- | connection, dashboard fuse box stud                      |
| E02- | combination instrument                                                            | EJB-   | engine compartment fuse box                              |
| T28- | combination instrument connector, 28-hole, black                                  | PJB-   | dashboard fuse box                                       |
| K20- | driver's side seat belt buckle indication lamp in combination instrument          | ③-     | earth point on FL engine compartment                     |
| K21- | front passenger's side seat belt buckle indication lamp in combination instrument | ○,12-  | lower earth point of main cable on LH pillar B           |
| D31- | driver's seat belt buckle                                                         | ○,13-  | lower earth point of main cable on RH pillar B           |
| D32- | front passenger's seat belt buckle                                                | ⑩-     | earth point on dashboard cross member                    |
| T2x- | seat belt buckle connector, 2-hole, white                                         | ⑨-     | lower earth point of main cable on RH pillar A           |
| G06- | speedometer in combination instrument                                             | T1c-   | water temperature sensor connector, 1-hole               |
|      |                                                                                   | T1d-   | engine oil pressure sensor connector, 1-hole             |



|        |                                                        |                    |                                                |
|--------|--------------------------------------------------------|--------------------|------------------------------------------------|
| T2g-   | glass riser motor connector, 2-hole, white             | M17-               | FR door glass riser motor                      |
| T16a-  | FL glass riser power switch connector, 16-hole, brown  | M18-               | RL door glass riser motor                      |
| T16b-  | body controller BCM connector, 16-hole, white          | M19-               | RR door glass riser motor                      |
| T12a-  | body controller BCM connector, 12-hole, white          | E10-               | BCM body controller                            |
| T14b-  | connector of RL door to main cable, 14-hole, white     | D17-               | RL door glass riser power switch               |
| T26a-  | body controller BCM connector, 26-hole, white          | D18-               | FR door glass riser power switch               |
| T6p-   | glass riser switch connector, 6-hole, black            | D19-               | RR door glass riser power switch               |
| T14a - | connector of RL door to main cable, 14-hole, white     | D16-               | FR door glass riser power switch               |
| T10g-  | connector of FL door to dashboard main cable, 10-hole, | ⑧-                 | lower earth point of main cable on LH pillar A |
| orange |                                                        | ⑨-                 | lower earth point of main cable on RH pillar A |
| T10h-  | connector of FL door to dashboard main cable, 10-hole, | ○, <sup>12</sup> - | lower earth point of main cable on LH pillar B |
| black  |                                                        | ○, <sup>13</sup> - | lower earth point of main cable on RH pillar B |
| T10l-  | connector of FR door to dashboard main cable, 10-hole, | PJB D-             | connection, dashboard fuse box stud            |
| black  |                                                        | PJB G-             | connection, dashboard fuse box stud            |
| T10j-  | connector of FR door to dashboard main cable, 10-hole, | PJB F-             | connection, dashboard fuse box stud            |
| white  |                                                        | PJB H-             | connection, dashboard fuse box stud            |
| T10c-  | connector of FL door to dashboard main cable, 10-hole, | PJB-               | dashboard fuse box                             |
| white  |                                                        |                    |                                                |
| M16-   | FL door glass riser motor                              |                    |                                                |



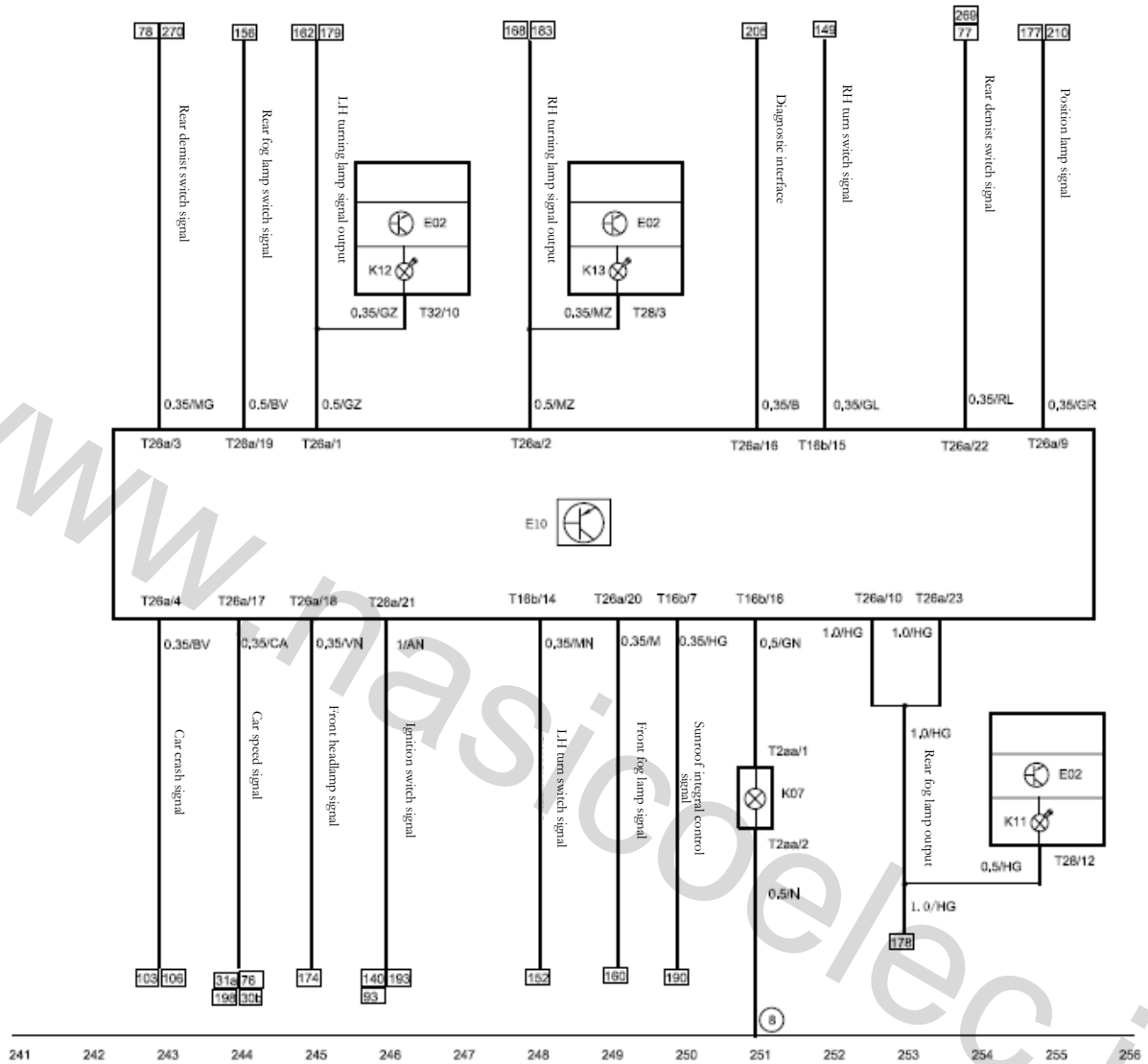
|                    |                                                        |
|--------------------|--------------------------------------------------------|
| M21-               | FR door lock motor                                     |
| ○, <sub>12</sub> - | lower earth point of main cable on LH pillar B         |
| ⑩-                 | earth point of dashboard cross member                  |
| ⑧-                 | lower earth point of main cable on LH pillar A         |
| ○, <sub>17</sub> - | earthing point of main cable on pillar C               |
| PJB D-             | connection, dashboard fuse box stud                    |
| PJB G-             | connection, dashboard fuse box stud                    |
| PJB F-             | connection, dashboard fuse box stud                    |
| PJB H-             | connection, dashboard fuse box stud                    |
| EJB-               | engine compartment fuse box                            |
| PJB-               | dashboard fuse box                                     |
| M22-               | RL door lock motor                                     |
| M23-               | RR door lock motor                                     |
| M24-               | tail gate lock motor                                   |
| T4d-               | door lock micro switch connector, 4-hole, black        |
| T4e-               | FL door central control switch connector, 4-hole, gray |
| T6o-               | alarm lamp module connector, 6-hole, blue              |
| D06-               | tail gate open indication switch, 2-hole, white        |
| T4n-               | tail gate lock motor connector, 4-hole, black          |

PJB/G

PJB/D

PJB/H

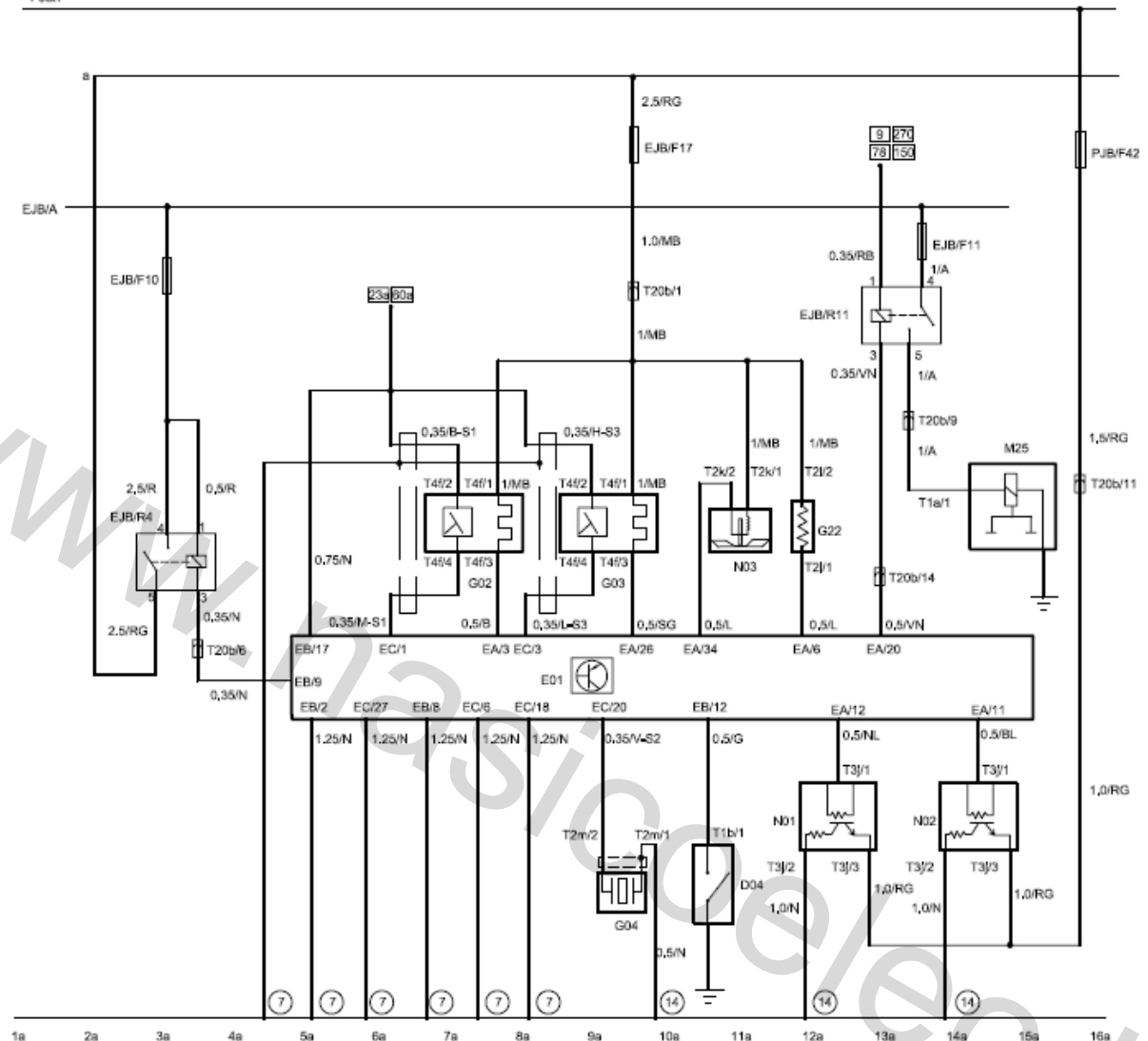
PJB/F



20. Diagram of BCM circuit

- K11- combination instrument rear fog light indication signal
- T28- combination instrument connector, 28-hole, black
- T16b- body controller BCM connector, 16-hole, white
- T12a- body controller BCM connector, 12-hole, white
- T26a- body controller BCM connector, 26-hole, white
- E02- combination instrument
- T32- combination instrument connector, 32-hole, blue
- K12- combination instrument LH turn indication signal
- K13- combination instrument RH turn indication signal
- K07- key illumination ring indication lamp
- T2aa - key illumination ring connector, 2-hole, white
- E10- BCM body controller
- ⑧- lower earth point of main cable on LH pillar A
- PJB D- connection, dashboard fuse box stud
- PJB G- connection, dashboard fuse box stud
- PJB F- connection, dashboard fuse box stud
- PJB H- connection, dashboard fuse box stud
- EJB- engine compartment fuse box
- PJB- dashboard fuse box





22. Diagram No. 1 of 1.6AT electronic injection unit circuit

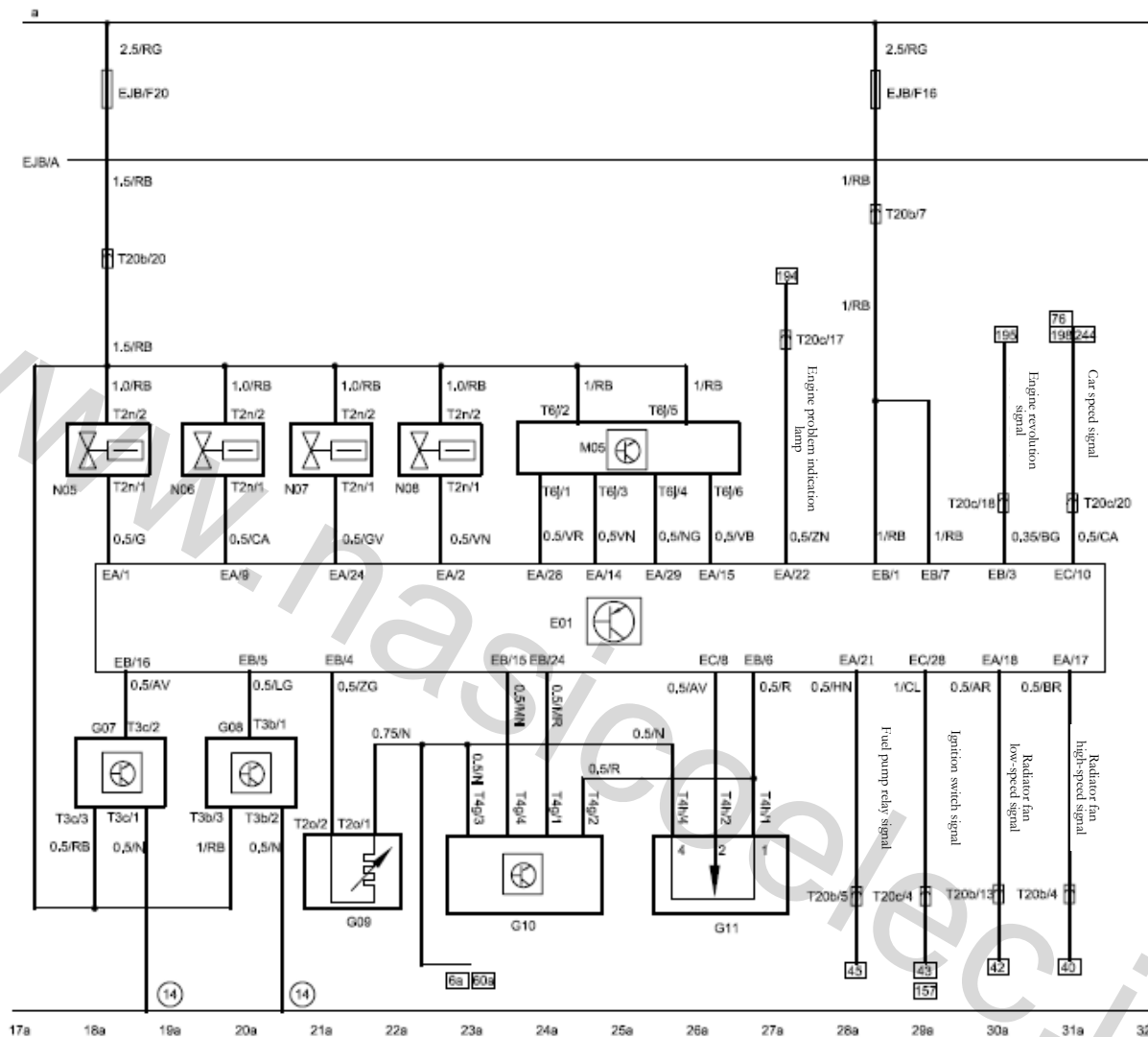
|      |                                           |        |                                                                               |
|------|-------------------------------------------|--------|-------------------------------------------------------------------------------|
| a-   | main relay power supply                   | T1b-   | power steering switch connector, 1-hole                                       |
| E01- | 1.6AT engine ECU                          | T4f-   | oxygen sensor connector, 4-hole, brown                                        |
| G22- | EGR valve                                 | T20b-  | connector of electronic injection cable and main cable, 20-hole, black        |
| G02- | front oxygen sensor                       |        |                                                                               |
| G03- | rear oxygen sensor                        |        |                                                                               |
| N03- | canister solenoid valve                   | T1a-   | A/C compressor connector, 1-hole, gray                                        |
| EA-  | engine ECU connector, 35-hole, gray       | T3j-   | ignition coil connector, 3-hole                                               |
| EB-  | engine ECU connector, 26-hole, gray       | ⑦-     | lower earthing point of LH pillar A of AT electronic injection cable          |
| EC-  | engine ECU connector, 28-hole, gray       | ○, 14- | earth point of engine body of electronic injection cable                      |
| ED-  | engine ECU connector, 30-hole, gray       | PJB D- | connection, dashboard fuse box stud                                           |
| T2k- | canister solenoid valve connector, 2-hole | PJB G- | connection, dashboard fuse box stud                                           |
| T2l- | EGR valve connector, 2-hole               | PJB F- | connection, dashboard fuse box stud                                           |
| M25- | A/C compressor                            | PJB H- | connection, dashboard fuse box stud                                           |
| T2m- | knock sensor connector, 2-hole            | EJB-   | engine compartment fuse box                                                   |
| G04- | knock sensor                              | PJB-   | dashboard fuse box                                                            |
| D04- | power steering switch                     | EJB A- | connection, engine compartment fuse box connected to positive pole of battery |
| N01- | ignition coil 2/3                         |        |                                                                               |
| N02- | ignition coil 1/4                         |        |                                                                               |

PJB/G

PJB/D

PJB/H

PJB/F



23. Diagram No. 2 of 1.6AT electronic injection unit circuit

a- main relay power supply  
 E01- 1.6AT engine ECU  
 N05- nozzle 1  
 N06- nozzle 2  
 N07- nozzle 3  
 N08- nozzle 4  
 G08- crankshaft position sensor  
 G09- water temperature sensor 1  
 G11- throttle valve position sensor  
 T20- water temperature sensor connector, 2-hole  
 T2n- nozzle connector, 2-hole  
 T6j- stepper motor connector, 6-hole  
 M05- stepper motor  
 T4h- throttle valve position sensor connector, 4-hole  
 G10- air flow rate sensor  
 G07- camshaft position sensor  
 EA- engine ECU connector, 35-hole, gray  
 EB- engine ECU connector, 26-hole, gray  
 EC- engine ECU connector, 28-hole, gray  
 ED- engine ECU connector, 30-hole, gray

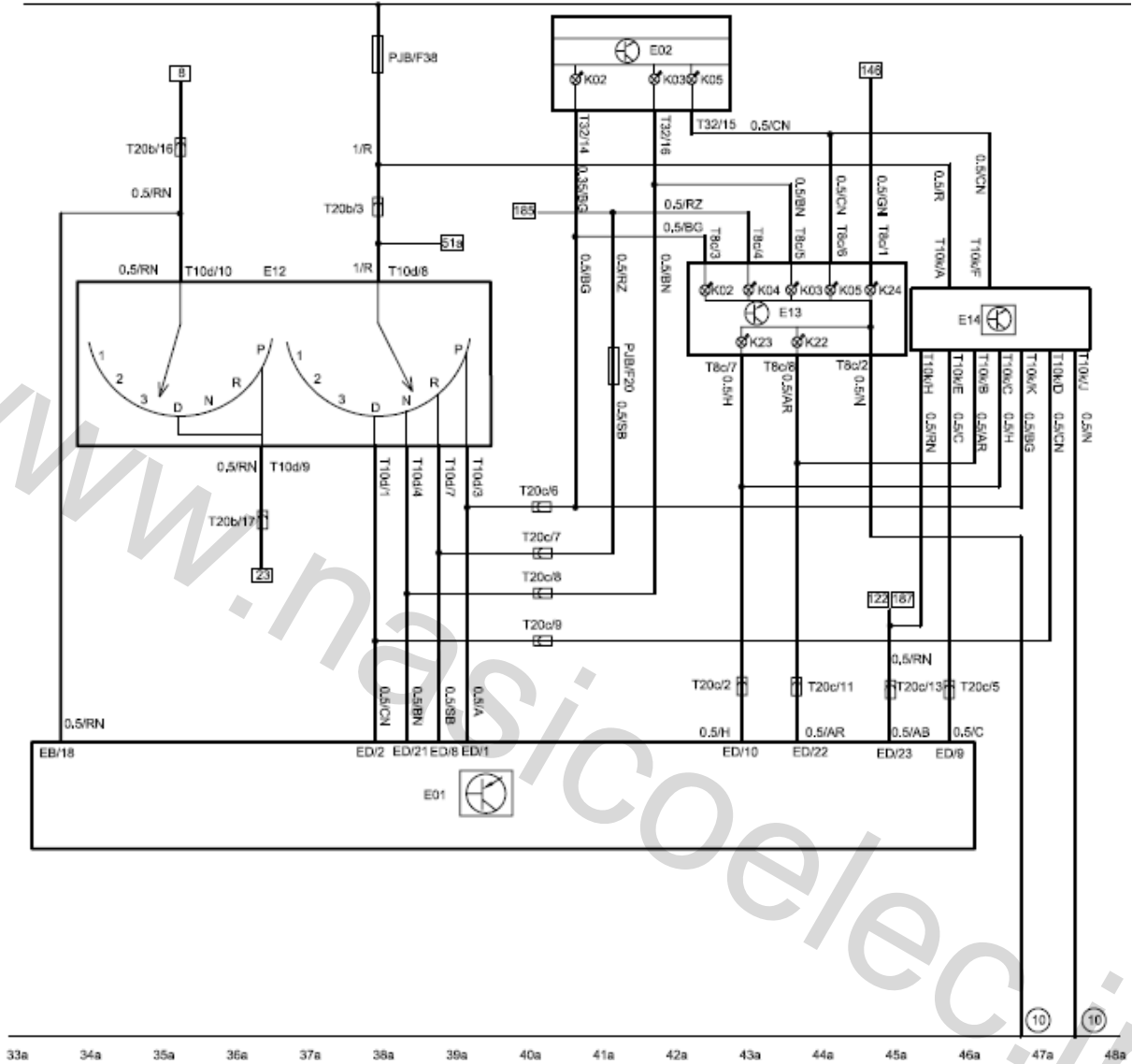
T3b- crankshaft position sensor connector, 3-hole  
 T3c- camshaft position sensor connector, 3-hole  
 T4g- air flow rate sensor connector, 4-hole  
 T20b- connector of electronic injection cable and main cable, 20-hole, black  
 T20c- connector of electronic injection cable and main cable, 20-hole, blue  
 a- main relay power supply  
 EJB A- connection, engine compartment fuse box connected to positive pole of battery  
 o,14- earth point of engine body of electronic injection cable  
 PJB D- connection, dashboard fuse box stud  
 PJB G- connection, dashboard fuse box stud  
 PJB F- connection, dashboard fuse box stud  
 PJB H- connection, dashboard fuse box stud  
 EJB- engine compartment fuse box  
 PJB- dashboard fuse box  
 EJB A- connection, engine compartment fuse box connected to positive pole of battery

PJB/G

PJB/D

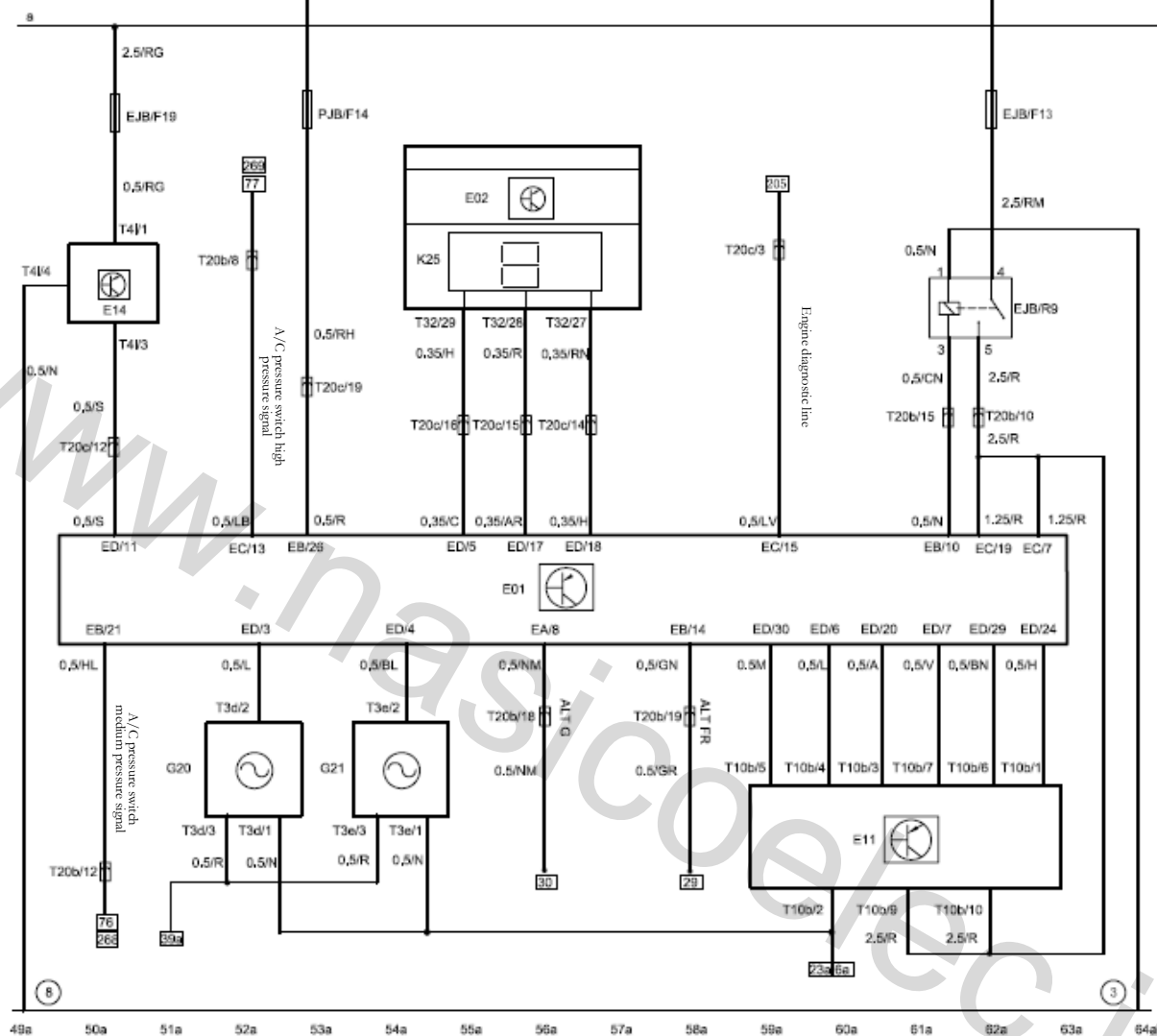
PJB/H

PJB/F



24. Diagram No. 3 of 1.6AT electronic injection unit circuit

|       |                                                        |       |                                                          |
|-------|--------------------------------------------------------|-------|----------------------------------------------------------|
| T20b- | connector of electronic cable and main cable, 20-hole, | EB-   | engine ECU connector, 26-hole, gray                      |
| black |                                                        | ED-   | engine ECU connector, 30-hole, gray                      |
| T20c- | connector of electronic cable and main cable, 20-hole, | E12-  | engine gearbox shift device 1                            |
| blue  |                                                        | E13-  | shift handle indication lamp device                      |
| T10d- | shift device 1 connector, 10-hole                      | T10k- | shift controller connector, 10-hole, white               |
| K02-  | P indication lamp                                      | K24-  | background light illumination in shift handle indication |
| K03-  | N indication lamp                                      |       |                                                          |
| K04-  | R indication lamp                                      |       |                                                          |
| K05-  | D indication lamp                                      |       |                                                          |
| E02-  | combination instrument                                 |       |                                                          |
| T32-  | combination instrument connector, 32-hole, blue        |       |                                                          |
| T8c-  | shift handle indication lamp device connector, 8-hole, |       |                                                          |
| white |                                                        |       |                                                          |
| K22-  | sports mode gear-up indication lamp                    |       |                                                          |
| K23-  | sports mode gear-down indication lamp                  |       |                                                          |
| E14-  | shift controller                                       |       |                                                          |



25. Diagram No. 4 of 1.6AT electronic injection unit circuit

T20b- connector of electronic injection cable and main cable, 20-hole, black  
 T20c- connector of electronic injection cable and main cable, 20-hole, blue  
 E14- immobilizer  
 G14- combination instrument water temperature indication  
 G20- input shaft position sensor  
 G21- output shaft position sensor  
 T3d- input shaft sensor connector, 3-hole  
 T3e- output shaft position sensor connector, 3-hole  
 a- main relay power supply  
 T32- combination instrument connector, 32-hole, blue  
 T28- combination instrument connector, 28-hole, black  
 EA- engine ECU connector, 35-hole, gray  
 EB- engine ECU connector, 26-hole, gray  
 EC- engine ECU connector, 28-hole, gray  
 ED- engine ECU connector, 30-hole, gray

T10b- shift device 2 connector, 10-hole  
 T4i- immobilizer connector, 4-hole, black  
 E02- combination instrument  
 K25- combination instrument LED speed indication signal  
 E11- engine gearbox shift device 2  
 ③- engine compartment FL earth point  
 ⑧- lower earth point of main cable on L.H pillar A  
 PJB D- connection, dashboard fuse box stud  
 PJB G- connection, dashboard fuse box stud  
 PJB F- connection, dashboard fuse box stud  
 PJB H- connection, dashboard fuse box stud  
 EJB- engine compartment fuse box  
 PJB- dashboard fuse box  
 EJB A- connection, engine compartment fuse box connected to positive pole of battery

## 26-27. Details of connector naming

|      |                                                                           |     |                                                               |
|------|---------------------------------------------------------------------------|-----|---------------------------------------------------------------|
| T1a  | A/C compressor connector, 1-hole, gray                                    |     |                                                               |
| T1b  | Power steering switch connector, 1-hole                                   | T3h | Washing fluid pump connector, 3-hole, black                   |
| T1c  | Water temperature sensor connector, 1-hole                                | T3i | Lighter connector, 3-hole                                     |
| T1d  | Engine oil sensor connector, 1-hole                                       | T3j | Ignition coil connector, 3-hole                               |
| T2a  | Side turning lamp connector, 2-hole, black                                | T3k | MT knock sensor connector, 3-hole                             |
| T2b  | Door lock motor connector, 2-hole, black                                  | T3l | MT throttle valve position sensor connector, 3-hole           |
| T2c  | Tail gate open indication signal connector, 2-hole, white                 | T3m | MT speed sensor connector, 3-hole, black                      |
| T2d  | License plate connector, 2-hole, white                                    | T4a | Generator connector, 4-hole, black                            |
| T2e  | High-mounted brake lamp connector, 2-hole, white                          | T4b | A/C pressure switch connector, 4-hole, white                  |
| T2f  | A/C evaporator sensor connector, 2-hole, white                            | T4c |                                                               |
| T2g  | Glass riser motor connector, 2-hole, white                                | T4d | Door lock micro switch connector, 4-hole, white               |
| T2h  | Blower motor connector, 2-hole, white                                     | T4e | FL door central controls switch, 4-hole, black                |
| T2i  | Bass speaker connector, 2-hole, black                                     | T4f | Oxygen sensor connector, 4-hole, black                        |
| T2j  | Treble speaker connector, 2-hole, black                                   | T4g | Air flow rate sensor connector, 4-hole, brown                 |
| T2k  | Canister solenoid valve connector, 2-holes, black                         | T4h | Throttle valve position sensor connector, 4-hole, black       |
| T2l  | EGR valve connector, 2-hole, black                                        | T4i | Back radar sensor connector, 4-hole, brown                    |
| T2m  | Knock sensor connector, 2-hole                                            | T4j | Fog light switch connector, 4-hole, black                     |
| T2n  | Nozzle connector, 2-hole                                                  | T4k | Connector of RH tail gate cable and main cable, 4-hole, white |
| T2o  | Water temperature sensor connector, 2-hole                                | T4l | Immobilizer connector, 4-hole, black                          |
| T2p  | ABS sensor connector, 2-hole, black                                       | T4m | MT stepper motor connector, 4-hole black                      |
| T2q  | Driver's air bag connector, 2-hole                                        | T4n | Tail gate lock motor connector, 4-hole, black                 |
| T2r  | Front passenger's air bag connector, 2-hole                               | T5a | Rear wiper controller connector, 5-hole, gray                 |
| T2s  | Side air bag connector, 2-hole                                            | T5b | Front wiper motor connector, 5-hole, black                    |
| T2t  | Hand brake switch connector, 2-hole, black                                | T5c | Connector of LH tail gate cable and main cable, 5-hole, black |
| T2u  | Side air bag sensor connector, 2-hole, black                              | T5d | Connector of LH tail gate cable and main cable, 5-hole, brown |
| T2v  | Brake fluid cup level sensor connector, 2-hole, gray                      | T6a | RL tail gate connector, 6-hole, white                         |
| T2w  | Seat belt pre-tightening connector, 2-hole, yellow                        | T6b | RR tail gate connector, 6-hole, white                         |
| T2x  | Seat belt buckle connector, 2-hole, white                                 | T6c | Sunroof interior ceiling lamp connector, 6-hole, white        |
| T2y  | Horn connector, 2-hole, black                                             | T6d | Sunroof controller connector, 6-hole, gray                    |
| T2z  | Front fog light connector, 2-hole, black                                  | T6e | A/C mixer air gate motor connector, 6-hole, green             |
| T2aa | Ignition key illumination ring connector, 2-hole, white                   | T6f | A/C air out module motor connector, 6-hole, green             |
| T2ab | MT ignition coil connector, 2-hole, black                                 | T6g | A/C circulation air gate motor connector, 6-hole, green       |
| T2ac | MT back switch connector, 2-hole, black                                   | T6h | Blower speed regulation resistor connector, 6-hole, white     |
| T2ad | Connector of RH tail gate cable and tail gate lock cable, 2-hole, white   | T6i | Power rearview mirror connector, 6-hole, white                |
| T3a  | Connector of back radar and main cable, 3-hole                            | T6j | Stepper motor connector, 6-hole, black                        |
| T3b  | Crankshaft position sensor connector, 3-hole                              | T6k | Steering wheel volume control switch connector, 6-hole, white |
| T3c  | Camshaft position sensor connector, 3-hole                                | T6l | Electronic clock connector, 6-hole, black                     |
| T3d  | Input shaft connector, 3-hole                                             | T6m | Light combination switch connector, 6-hole, white             |
| T3e  | Output shaft connector, 3-hole                                            | T6n | Fuel pump connector, 6-hole, brown                            |
| T3f  | Brake switch connector, 3-hole                                            | T6o | Alarm lamp module connector, 6-hole, blue                     |
| T3g  | Radiator fan connector, 3-hole                                            | T6p | Glass riser switch connector, 6-hole, black                   |
| T8a  | Radio cassette connector A, 6-hole, white                                 |     |                                                               |
| T8b  | Radio cassette connector B, 8-hole, white                                 |     |                                                               |
| T8c  | Shift handle speed indication lamp connector, 8-hole, white               |     |                                                               |
| T10a | Connector of battery cable and main cable, 10-hole, black                 |     |                                                               |
| T10b | Gearbox shift device connector 1, 10-hole, 色                              |     |                                                               |
| T10c | Connector of FL door and main cable, 10-hole, white                       |     |                                                               |
| T10d | Gearbox shift device connector 2, 10-hole, 色                              |     |                                                               |
| T10e | FL headlamp connector, 10-hole, black                                     |     |                                                               |
| T10f | FR headlamp connector, 10-hole, black                                     |     |                                                               |
| T10g | Connector of FL door and main cable, 10-hole, orange                      |     |                                                               |
| T10h | Connector of FL door and main cable, 10-hole, black                       |     |                                                               |
| T10i | Connector of FR door and main cable, 10-hole, black                       |     |                                                               |
| T10j | Connector of FR door and main cable, 10-hole, white                       |     |                                                               |
| T10k | Shift controller connector, 10-hole, white                                |     |                                                               |
| T10l | Connector of MT electronic injection cable and main cable, 10-hole, black |     |                                                               |
| T10m | Power rearview mirror switch connector, 10-hole, white                    |     |                                                               |
| T10n | Light combination switch connector, 10-hole, white                        |     |                                                               |
| T12a | BCM controller connector, 12-hole, white                                  |     |                                                               |
| T12b | A/C ECU connector, 12-hole, black                                         |     |                                                               |
| T12c | Wiper switch connector, 12-hole, black                                    |     |                                                               |
| T13a | Connector of power A/C cable and main cable, 13-hole, white               |     |                                                               |
| T14a | Connector of RL cable and main cable, 14-hole, white                      |     |                                                               |
| T14b | Connector of RR cable and main cable, 14-hole, white                      |     |                                                               |
| T16a | Connector of power A/C cable and main cable, 13-hole, white               |     |                                                               |

|      |                                                                          |  |  |
|------|--------------------------------------------------------------------------|--|--|
| T16b | FL door cable power window riser switch connector, 16-hole, brown        |  |  |
| T16c | Diagnostic interface connector, 16-hole, black                           |  |  |
| T16d | A/C ECU connector, 16-hole, black                                        |  |  |
| T20a | Back radar ECU connector, 20-hole, black                                 |  |  |
| T20b | Connector of electronic injection cable and main cable, 20-hole, black   |  |  |
| T20c | Connector of AT electronic injection cable and main cable, 20-hole, blue |  |  |
| T26a | BCM controller connector, 26-hole, white                                 |  |  |
| T26b | ABS ECU connector, 26-hole, black                                        |  |  |
| T28  | Combination instrument connector, 28-hole, black                         |  |  |
| T30  | Dual-loop air bag ECU connector, 30-hole, yellow                         |  |  |
| T32  | Combination instrument connector, 32-hole, blue                          |  |  |
| T50a | 6-loop air bag ECU connector, 50-hole, yellow                            |  |  |
| T81  | MT ECU connector, 81-hole, black                                         |  |  |

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## 28-29. Details of electrical appliance naming

|     |                                                       |     |                                                                                |
|-----|-------------------------------------------------------|-----|--------------------------------------------------------------------------------|
| A   | Battery                                               | E05 | 6-loop air bag ECU                                                             |
| B   | Generator                                             | E06 | 2-loop air bag ECU                                                             |
| C   | Starter                                               | E07 | ABS ECU                                                                        |
| D01 | Ignition switch                                       | E08 | Back radar controller                                                          |
| D02 | Wiper switch                                          | E09 | Sunroof controller                                                             |
| D03 |                                                       | E10 | BCM controller                                                                 |
| D04 | Power steering switch                                 | E11 | Gearbox shift device 2                                                         |
| D05 | A/C three-state pressure switch                       | E12 | Gearbox shift device 1                                                         |
| D06 | Tail gate open indication switch                      | E13 | Shift handle speed indication signal                                           |
| D07 |                                                       | E14 | Immobilizer                                                                    |
| D08 | Steering wheel radio cassette volume control switch   | E15 | MT ECU                                                                         |
| D09 | Back switch                                           | E16 | Rear wiper blade controller and motor                                          |
| D10 |                                                       | E17 | Lighter                                                                        |
| D11 | Power rearview mirror switch                          | F01 | FL turning lamp                                                                |
| D12 | Light combination switch                              | F02 | FL position lamp                                                               |
| D13 | Fog lamp switch                                       | F03 | FL high beam                                                                   |
| D14 | Interior lamp switch                                  | F04 | FL low beam                                                                    |
| D15 | Sunroof control switch                                | F05 | FR turning lamp                                                                |
| D16 | FL door glass riser switch                            | F06 | FR position lamp                                                               |
| D17 | RL door glass riser switch                            | F07 | FR high beam                                                                   |
| D18 | FR door glass riser switch                            | F08 | FR low beam                                                                    |
| D19 | RR door glass riser switch                            | F09 | LH turning lamp                                                                |
| D20 | Dual flash switch                                     | F10 | RH turning lamp                                                                |
| D21 | FL door micro switch                                  | F11 | RL position lamp                                                               |
| D22 | FR door micro switch                                  | F12 | RL fog light                                                                   |
| D23 | RL door micro switch                                  | F13 | RL turning lamp                                                                |
| D24 | RR door micro switch                                  | F14 | RL back lamp                                                                   |
| D25 | Central control switch                                | F15 | RL brake lamp                                                                  |
| D26 | Brake switch                                          | F16 | RR position lamp                                                               |
| D27 | Brake oil level indication switch                     | F17 | RR fog light                                                                   |
| D28 | Hand brake switch                                     | F18 | RR turning lamp                                                                |
| D29 | Engine oil pressure switch                            | F19 | RR back lamp                                                                   |
| D30 | OBD diagnostic interface                              | F20 | RR brake lamp                                                                  |
| EA  | AT engine ECU connector, 35-hole, gray                | F21 | High-mounted brake lamp                                                        |
| EB  | AT engine ECU connector, 26-hole, gray                | F22 | Interior lamp                                                                  |
| EC  | AT engine ECU connector, 28-hole, gray                | F23 | License plate lamp                                                             |
| ED  | AT engine ECU connector, 30-hole, gray                | F24 | FL fog light                                                                   |
| E01 | Engine ECU                                            | F25 | FR fog light                                                                   |
| E02 | Combination instrument                                | G01 | Fuel level indication in combination instrument                                |
| E03 | Power A/C ECU                                         | G02 | Front oxygen sensor                                                            |
| E04 | Electronic clock                                      | G03 | Rear oxygen sensor                                                             |
| G04 | Knock sensor                                          | K18 | Door open indication signal on combination instrument                          |
| G05 | Tachometer in combination instrument                  | K19 | Engine oil pressure alarm lamp on combination instrument                       |
| G06 | Speedometer in combination instrument                 | K20 | Driver's seat belt buckle indication signal on combination instrument          |
| G07 | Camshaft position sensor                              | K21 | Front passenger's seat belt buckle indication signal on combination instrument |
| G08 | Crankshaft position sensor                            | K22 | Sports mode gear-up indication signal on combination instrument                |
| G09 | Water temperature sensor                              | K23 | Sports mode gear-down indication signal on combination instrument              |
| G10 | Air flow sensor                                       | K24 | Background light of shift handle indication lamp device                        |
| G11 | Throttle valve position sensor                        | K25 | LED speed indication lamp on combination instrument                            |
| G12 | Evaporator sensor                                     | K26 | Generator charging indication lamp on combination instrument                   |
| G13 | Blower speed-regulation resistor                      | M01 | Fuel pump and fuel level sensor                                                |
| G14 | Water temperature in combination instrument           | M02 | Rear windshield wiper motor                                                    |
| G15 | Engine oil pressure indication                        | M03 | Front wiper motor                                                              |
| G16 | FL wheel speed sensor                                 | M04 | Washing liquid pump motor                                                      |
| G17 | FR wheel speed sensor                                 | M05 | Engine stepper motor                                                           |
| G18 | RL wheel speed sensor                                 | M06 | A/C mixer air gate motor                                                       |
| G19 | RR wheel speed sensor                                 | M07 | A/C air out module motor                                                       |
| G20 | Input shaft position sensor                           | M08 | Blower motor                                                                   |
| G21 | Output shaft position sensor                          | M09 | A/C circulation air gate motor                                                 |
| G22 | EGR valve                                             | M10 | FL door rearview mirror LH & RH adjusting motor                                |
| G23 | Water temperature sensor                              | M11 | FL door rearview mirror upper and lower adjusting motor                        |
| G24 | MT speed sensor                                       | M12 | FR door rearview mirror LH & RH adjusting motor                                |
| H01 | Bi-tone horn 1                                        | M13 | FR door rearview mirror upper and lower adjusting motor                        |
| H02 | Bi-tone horn 2                                        | M14 |                                                                                |
| H03 | Radio cassette antenna                                | M15 |                                                                                |
| K01 | OBD problem indication lamp in combination instrument | M16 | FL door power window riser motor                                               |
| K02 | P indication signal                                   | M17 | FR door power window riser motor                                               |
| K03 | N indication signal                                   | M18 | RL door power window riser motor                                               |
| K04 | R indication signal                                   | M19 | RR door power window riser motor                                               |

|     |                                                                   |                                   |                                               |
|-----|-------------------------------------------------------------------|-----------------------------------|-----------------------------------------------|
| K05 | D indication signal                                               | M20                               | FL door lock motor                            |
| K06 | Background lamp for A/C ECU                                       | M21                               | FR door lock motor                            |
| K07 | Ignition key illumination ring indication lamp                    | M22                               | RL door lock motor                            |
| K08 | Background lamp in combination instrument                         | M23                               | RR door lock motor                            |
| K09 | Position lamp indication in combination instrument                | M24                               | Tail gate lock motor                          |
| K10 | Air bag problem indication lamp in combination instrument         | M25                               | A/C compressor                                |
| K11 | Rear fog light indication in combination instrument               | N01                               | Ignition coil 2/3                             |
| K12 | LH turn indication in combination instrument                      | N02                               | Ignition coil 1/4                             |
| K13 | RH turn indication in combination instrument                      | N03                               | Canister solenoid valve                       |
| K14 | Front fog light indication in combination instrument              | N04                               |                                               |
| K15 | High beam indication in combination instrument                    | N05                               | Nozzle 1                                      |
| K16 | ABS problem lamp indication                                       | N06                               | Nozzle 2                                      |
| K17 | Hand brake indication signal in combination instrument            | N07                               | Nozzle 3                                      |
| N08 | Nozzle 4                                                          | 17                                | Earth point of pillar C of RH tail gate cable |
| N09 | Driver's air bag trigger                                          | 18                                | Earth point of battery cable starter          |
| N10 | Front passenger's air bag trigger                                 |                                   |                                               |
| N11 | Driver's air bag trigger                                          |                                   |                                               |
| N12 | Driver's air bag trigger                                          |                                   |                                               |
| N13 | Front passenger's air bag sensor                                  |                                   |                                               |
| N14 | Front passenger's air bag trigger                                 |                                   |                                               |
| N15 | Driver's seat belt pre-tightening device                          |                                   |                                               |
| N16 | Front passenger's sat belt pre-tightening device                  |                                   |                                               |
| R   | Radio cassette                                                    |                                   |                                               |
| R01 |                                                                   |                                   |                                               |
| R02 | FL bass speaker                                                   |                                   |                                               |
| R03 | FL treble speaker                                                 |                                   |                                               |
| R04 | FR bass speaker                                                   |                                   |                                               |
| R05 | FL treble speaker                                                 |                                   |                                               |
| R06 | RR bass speaker                                                   |                                   |                                               |
| R07 | RL bass speaker                                                   |                                   |                                               |
| S01 | Back radar sensor 1 (from left to right)                          | Description of cable lead colors: |                                               |
| S02 | Back radar sensor 2 (from left to right)                          |                                   |                                               |
| S03 | Back radar sensor 3 (from left to right)                          |                                   |                                               |
| S04 | Back radar sensor 4 (from left to right)                          |                                   |                                               |
| V01 | Radiator cooling fan                                              | M                                 | Brown                                         |
| V02 | FL door power rearview mirror                                     | S                                 | Pink                                          |
| V03 | FR door power rearview mirror                                     | V                                 | green                                         |
| Z01 | Rear windshield heater                                            | A                                 | Light blue                                    |
| 1   | Negative pole of battery to the earth point on body               | L                                 | Blue                                          |
| 2   | Negative pole of battery to the earth point on engine             | H                                 | Gray                                          |
| 3   | FL earth point on engine compartment                              | N                                 | Black                                         |
| 4   | FR earth point on engine compartment                              | R                                 | Red                                           |
| 5   | Earth point of ABS in water trough                                | Z                                 | Purple                                        |
| 6   | Earth point of MT electronic injection cable in water trough      |                                   |                                               |
| 7   | Lower earth point of AT electronic injection cable on LH pillar A |                                   |                                               |
| 8   | Lower earth point of main cable on LH pillar A                    |                                   |                                               |
| 9   | Lower earth point of main cable on RH pillar A                    |                                   |                                               |
| 10  | Earth point of dashboard cross member                             |                                   |                                               |
| 11  | Earth point of air bag ECU                                        |                                   |                                               |
| 12  | Lower earth point of main cable on LH pillar B                    |                                   |                                               |
| 13  | Lower earth point of main cable on RH pillar B                    |                                   |                                               |
| 14  | Earth point of electronic injection cable on engine block         |                                   |                                               |
| 15  | Lower earth point of main cable on RL seat                        |                                   |                                               |
| 16  | Lower earth point of main cable on RR seat                        |                                   |                                               |

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