7.3 INSTRUMENT PANEL

The contemplated versions are MODAL AND COMFORT.

Modal

Comfort

The instrument panel, both MODAL and COMFORT version, mirrors the standard operating logic of the latest generation panels that equip the brand vehicles.

NOTES:

- The instrument panel (NQS) is a node to which the proxy alignment procedure must be performed as required on the diagnosis program of the examiner whenever it is replaced with a new one. Failed proxy alignment of the panel will cause the warning lights to blink.

- The total odometer can be reset once if the displayed mileage is less than 200 km. If it has not yet been reset, the displayed kilometres is preceded by a symbol similar to an H.
Resetting is done by pressing and holding down the setup + / - buttons on the control board.

- If replacing the instrument panel, it is necessary to save the data again for the total odometer and the service date. Perform the proxy alignment again.

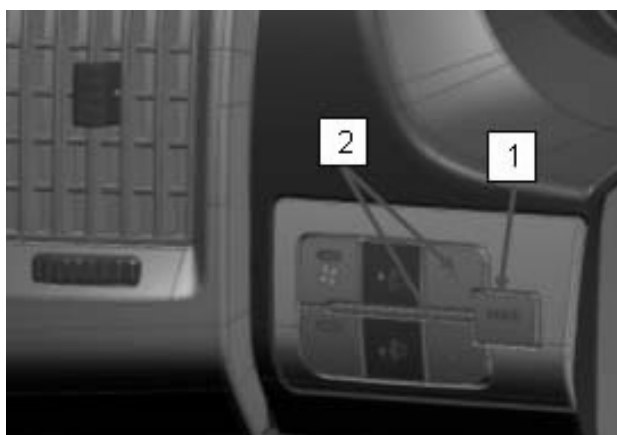The table briefly summarizes the information provided by the instrument panel, according to the two versions.

Content	**MODAL**	**COMFORT**
Tachometer	X	X
Revs counter	X	X
Fuel level gauge	X	X
Engine coolant temperature gauge	X	X
Headlight alignment corrector	X	X
Odometer	X	X
External temperature and ice danger	–	X
Rheostat lighting	–	X
Reduced setup menu	X	–
Complete setup menu	–	X
Time	X	–
Time and Date	–	X
Trip Computer	X	X
Scheduled maintenance and engine oil change warnings	X	X
Automatic transmission information	–	X
Audio information repetition	–	X
Information repetition for Convergence C1	–	X
Information repetition for Convergence C3	–	X
Logistic Mode	X	X
Buzzer (faults, parking sensor, SBR, button operation confirmation beep)	X	X
Diesel Particulate Filter + Oil life	X	X
Alternator failure	X	X
Minimum engine oil pressure	X	X
Minimum oil level	X	X
EOBD/MIL indicator	X	X
Glow plug pre-heating / sensor failure	X	X
Water in diesel filter	X	X
Cruise Control	X	X
Front and rear fog lights	X	X
Direction indicators, parking, number plate and check lights	X	X
High-beam headlights	X	X
Photocell sensor failure	–	X
Rain sensor failure	–	X
Airbags	X	X
Deactivating passenger airbag from menu	X	X

Seat Belt Reminder	X	X
ABS indicator	X	X
ESP indicator	X	X
Handbrake engaged with audible alarm with the vehicle running	X	X
Minimum brake fluid level	X	X
Brake pad wear	X	X
Servo-assisted steering	X	X
Immobilizer indicator	X	X
Fire Prevention Switch	X	X
Exceeding speed limit	X	X
Doors / goods compartment open	X	X
Parking sensor signals	X	X
Self-levelling suspensions alignment and failure display	–	X
Oil level display	X	X

SET-UP MENU

The setup menu can be activated with the key on DRIVE (MARCIA) and pressing the MODE button (located on the left-hand side control board) twice consecutively.

The functions of the set-up menu that can be selected with the "MODE" / "+" / "–" buttons must be able to be activated solely with the vehicle at a standstill except for the function: "Speed limit" (speed limit on/off selection and speed limit threshold).
These functions moreover cannot be activated during the fault message display cycles.

Operation must be of the sequential type as follows:

a) "MODE" button (1)
1 short pulse :
- with the vehicle running: activation of the "reduced" set-up menu;
- selection of the functions in the set-up menu.

1 long pulse:
- saves the changes confirmed with the short pulse and returns to the standard screen (or screen active before pressing the "MODE" button).

b) "+" / "-" buttons (2)
- setting / adjusting the functions in the set-up menu

Main functions of the SET-UP menu

1) Clock setting:

- **"Hour"** written in place of the odometer
- fixed clock indicator, setting with the "+" and "-" buttons

2) Buzzer setting:

- **"buzz"** written in place of the odometer
- **"0"**, **"1"**, **"2"**, **"3"**, **"4"**, **"5"**, **"6"**, **"7"** written in place of the clock, can be set with the "+" and "-" buttons and indicating the levels of buzzer loudness
- by default: **4**

Level 0 = buzzer "mute" for signals that can be turned off (e.g., roger beep), at the minimum level for the others
Level 7 = max. buzzer level
The "Buzzer setting" is a single setting that takes effect over all the adjustable audible signals emitted by the NQS buzzer.

3) Speed limit setting:

- **"SPEEd"** written in place of the odometer (with lowercase "d")
- **"km/h"** (or **"mph"**) according to the unit of measurement set previously
- **"OFF"** (speed limit off) or speed limits (e.g. **"130"**) written in place of the clock, can be selected with the "+" and "-" buttons (range between 30 and 250 km/h and step equal to 5 km/h; range between 20 and 155 mph and step equal to 5 mph as on the "Comfort" panel).

  ➢ by default: **OFF**; default value for ON: **130 km/h** or equivalent value in mph.

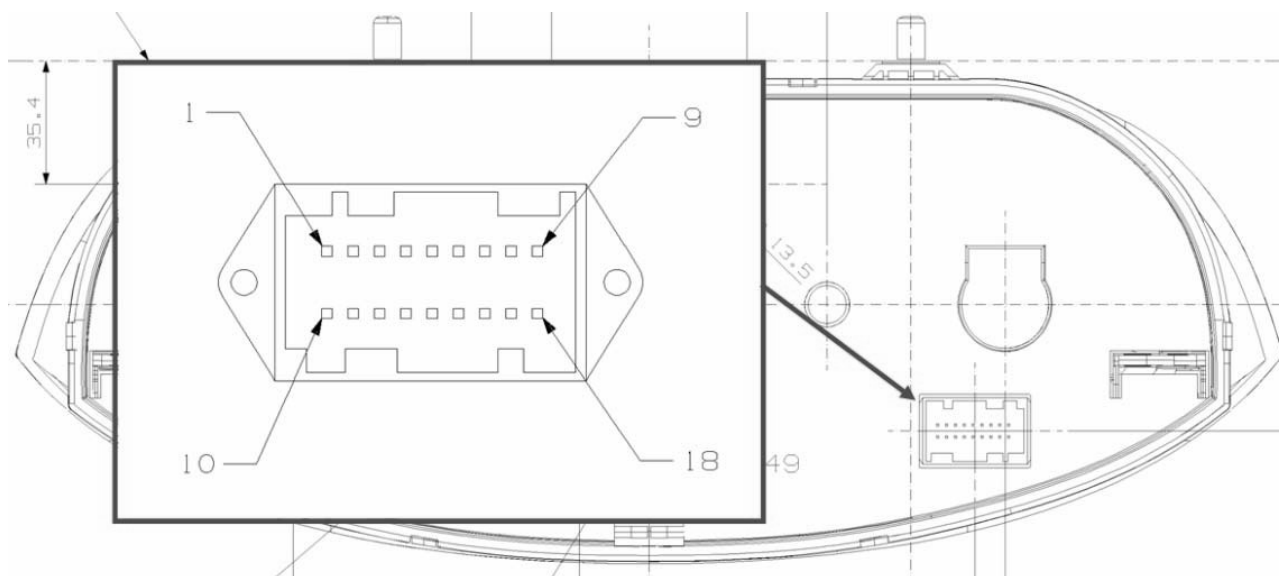**4) Setting unit of measurement in "km" or "miles":**

- **"Unit"** written in place of the odometer
- fixed icon **"km"** or **"mi"**, setting with "+" and "-" buttons
- the clock is not displayed

5) Request to turn passenger airbag on/off:
- main menu item: **"BAG P"** written in place of the odometer
- request to turn passenger airbag on/off: **"BAG P"** written in place of the odometer and blinking settings **"OFF"** (passenger airbag turned off) or **"On"** written in place of the clock. Confirmation request: **"ConF"** written in place of the odometer and blinking settings **"YES"** or **"no"** written in place of the clock (**default: always "no" even after previously selecting "YES"**).
- feedback message lasting 3 seconds: **"BAG P"** written in place of the odometer and **"OFF"** or **"On"** written in place of the clock.

Instrument panel pinout

PIN	18-way connector p/n 1/08060/07 Tab.91353	1	2	3
1	Ground	0,5	N	X
2	+30 from F-53	0,5	RV	X
3	INT from F-37	0,5	LN	X
4	Not connected	-	-	-
5	B – CAN A	0,35	BS	X
6	B – CAN B	0,35	NS	X
7	Signal reference for headlight corrector actuators	0,35	AR	X
8	+low-beam from F-13 for headlight corrector command	0,75	CR	X
9	Negative signal from trip computer button on steering column stalk	0,35	AB	X
10	Not Applicable	-	-	-
11	Not connected	-	-	-
12	Not connected	-	-	-
13	Signal from commands on PCS: "Mode", "Mode +"	0,35	AV	X
14	Signal from PCS "up headlight alignment corrector", "down headlight alignment corrector",	0,35	BL	X
15	Not connected	-	-	-
16	Signal from commands on PCS: "Mode –"	0,35	AN	X
17	CSG fault warning light negative signal	0,5	BN	X
18	e.i./EOBD fault warning light negative signal from NCM	0,5	HV	X

1 cable cross-section.
2 cable colour.
3 x = for all versions.