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ISTA 4.32.15

VIN: DZ24034 Vehicle: 77F0V/SEDAN / IN3 / AUTO/US/L/201304

FUS-FUB-FB-GZ-E3-E3-F01 - Left and right headlights - V10

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Structure and inner electrical connection

If the zero position sensor fails, the position of the headlights is determined via a mechanical reference point as follows: The swivel module moves as far as the permitted mechanical end stop and then into the straight ahead position. The Adaptive Headlight function is then deactivated. A system fault is indicated by a Check Control message in the instrument panel.

Each headlight is connected to the headrail module by means of a 12 pin plug connection.

Index	Explanation	Index	Explanation
1	Cornering light	2	Side lights/daytime driving lights
3	Bi-xenon flap	4	Ballast for bi-xenon headlight (left-hand side) and right-hand side (right-hand side) (right-hand side)
5	Bi-xenon control unit	6	Side marker light (depending on national market version)
7	Accent light	8	Turn indicator
9	Shaper motor for the headlight beam throw adjustment	10	Shaper motor for the Adaptive Headlight
11	Headlight driver module		

Pin assignments

Pin	Explanation
U1	Voltage for cornering light
U2	Voltage for side lights/daytime driving lights
U3	Voltage for bi-xenon flap
U4	Voltage for bi-xenon control unit
U5	Voltage for headlight driver module
LN	LIN bus
Terminal 31E	Terminal 31, electronics earth (ground)
K0, 31L	Terminal 31, load earth (ballast and bi-xenon flap)
K0, 31L	Terminal 31, load earth (bi-xenon control unit)

3 pins not used

Nominal values

Observe the following setpoint values for the left and right headlights:

Size	Value
Supply voltage	12 V

Close