

# DUSTER

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## 8 Electrical equipment

**80D**

### LIGHTING

UCH

Vdiag No.: 09

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V1

Edition Anglaise

"The repair procedures given by the manufacturer in this document are based on the technical specifications current when it was prepared.

The procedures may be modified as a result of changes introduced by the manufacturer in the production of the various component units and accessories from which his vehicles are constructed."

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# LIGHTING

## Fault finding – Introduction

80D

### 1. SCOPE OF THIS DOCUMENT

This document presents the fault finding method applicable to all computers with the following specifications:

Vehicle(s): **DUSTER**  
Function concerned: **LIGHTING**

Name of computer: **UCH**  
Vdiag No.: **09**

### 2. PREREQUISITES FOR FAULT FINDING

#### Documentation type

**Fault finding procedures** (this document):

- Assisted fault finding (integrated into the **diagnostic tool**), Dialogys.

#### Wiring Diagrams:

- Visu-Schéma.

#### Type of diagnostic tools

- **CLIP**

#### Special tooling required

Special tooling required:	
Diagnostic tool	
Multimeter	
<b>Elé. 1622</b>	Bornier
<b>Elé. 1681</b>	Universal bornier

If the information obtained by the fault finding tool requires the electrical continuity to be checked, connect bornier **Elé. 1622** or universal bornier **Elé. 1681**.

#### WARNING:

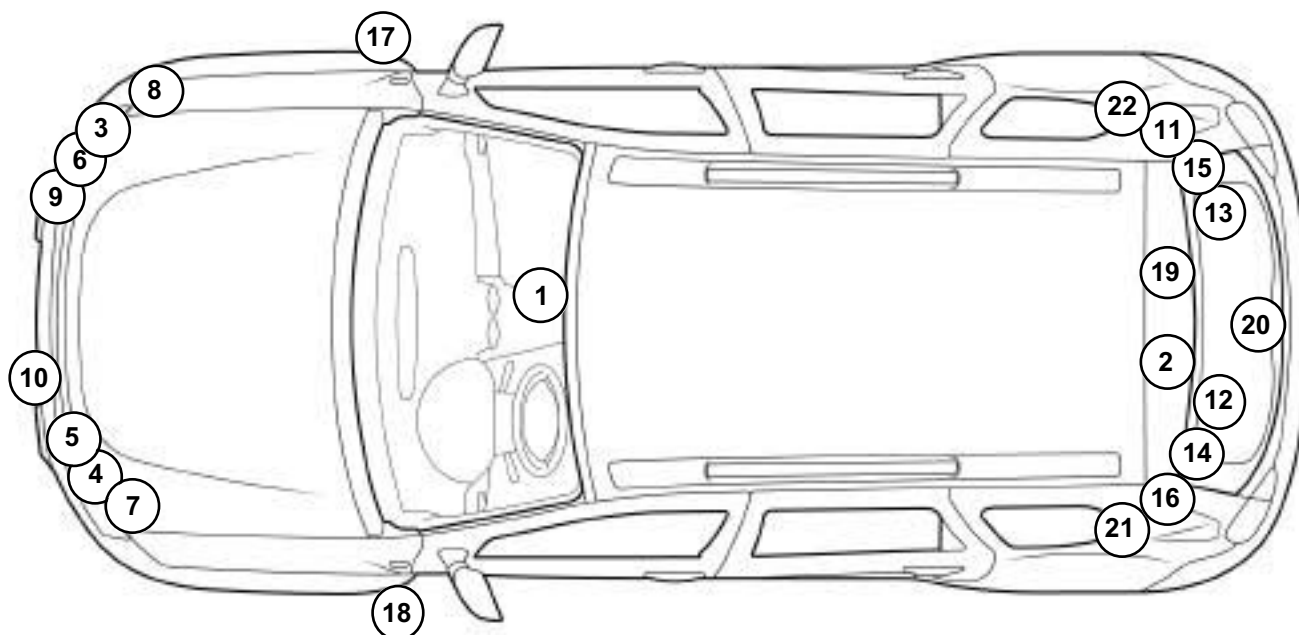
- All tests with bornier **Elé. 1622** or **Elé. 1681** must be conducted with the battery disconnected.
- The bornier is only designed to be used with a multimeter. Never power the test points with **12 V**.

### 3. SAFETY INSTRUCTIONS

The safety instructions must be followed at all times when working on components, to avoid damage or injury:

- check the battery voltage to avoid incorrect operation of computer functions,
- use the appropriate tools

## Fault finding – List and location of components



000000738

1- interior lights	12- left-hand reversing light
2- luggage compartment lighting	13- rear right-hand side light
3- right-hand side light	14- rear left-hand side light
4- left-hand side light	15- right-hand brake light
5- left-hand dipped headlight	16- left-hand brake light
6- right-hand dipped headlight	17- right-hand side-mounted indicator
7- front left-hand indicator light	18- left-hand side-mounted indicator
8- front right-hand indicator light	19- high-level brake light
9- front right-hand fog light	20- number plate light
10- front left-hand fog light	21- rear left-hand indicator light
11- rear right-hand fog light	22- rear right-hand indicator light

## Fault finding – Role of components

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### Side lights:

The side lights are switched on directly using the lighting stalk, via the passenger compartment fuse box.  
This function lights all the side lights (front and rear) as well as the number plate lighting.

### Dipped headlights:

The dipped beam headlights are switched on directly using the lighting stalk, via the passenger compartment fuse box.

This function lights only the two bulbs providing the dipped headlights function.

### Main beam headlights:

The main beam headlights are switched on directly using the lighting stalk, via the passenger compartment fuse box.  
This function lights only the two bulbs providing the main beam headlights function.

### Rear fog lights:

The rear fog light is switched on directly using the lighting stalk, via the passenger compartment fuse box.  
This function lights only the rear fog lights.

### Hazard warning lights:

The "hazard warning lights illumination request" signal from the hazard warning lights switch is sent to the UCH, which controls the hazard warning lights.

This function lights only the hazard warning lights.

### Indicators:

The "left-hand or right-hand indicators illumination request" signal initiated by the driver using the lighting stalk is sent to the UCH, which controls the left-hand and right-hand indicators.

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### **Layout of the lighting function**

The interior lighting function (courtesy lights, air conditioning indicator light, central door locking indicator light, etc.) and the signalling function are provided by the UCH computer. This computer is connected via a wire connection. The UCH interprets the driver's intention via the steering column switch, then transmits the lighting requests. These requests are controlled by the UCH.

The exterior lighting is controlled directly by the steering column switch.

The LIGHTING function is divided into two sub-functions: **lighting control** and **lighting power**.  
This function is managed directly, without the intervention of the UCH.

## **1. Lighting control**

### **Operated by the driver**

The UCH receives the driver's request via the steering column switches and the hazard warning lights button.  
View the statuses of the available commands (see Status summary table).

## **2. Lighting power**

The UCH manages the supply to the interior lighting, the heating and air conditioning system indicator lights, and the central locking indicator lights.

The UCH manages the supply to the indicators.

The functioning of the lights supplied by the UCH can be checked using the actuator commands **AC022 Left-hand indicator**, **AC023 Right-hand indicator**, and **AC145 Front courtesy lights**.

# LIGHTING

## Fault finding – Configuration

**80D****Equipment required:****CLIP diagnostic tool****Configurations of the lighting function in the UCH**

– Configuration available on **diagnostic tool SC008**, with the associated configuration reading:

Configuration	Configuration reading	Name of configuration	Option	Configuration
CF054	LC009	Hazard warning lights illuminated upon impact	WITH or WITHOUT	SC008 UCH type (See 87B, Passenger compartment connection unit)
CF063	LC047	Timed courtesy light	WITH or WITHOUT	
CF072	LC168	Courtesy light timer	AUTHORISE D or PROHIBITED	

Check the configurations in the **Read configurations** menu



## Fault finding – Conformity check

## NOTES

Only carry out this conformity check after a complete check using the **diagnostic tool**.  
The values shown in this conformity check are given as a guide.  
Test conditions: **Engine stopped, ignition on.**

SUB-FUNCTION: LIGHTING CONTROL

Function	Parameter or status Checked or action		Display and notes	Fault finding
Lighting control	ET324	Side lights request	"PRESENT" or "ABSENT"	In the event of an <b>inconsistency</b> , apply the interpretation of status <b>ET324</b> .
	ET485	Hazard warning lights signal	"PRESENT" or "ABSENT"	In the event of an <b>inconsistency</b> , apply the interpretation of status <b>ET485</b> .
	ET084	Right-hand indicator request	"PRESENT" or "ABSENT"	In the event of an <b>inconsistency</b> , apply the interpretation of status <b>ET084</b> .
	ET083	Left-hand indicator request	"PRESENT" or "ABSENT"	In the event of an <b>inconsistency</b> , apply the interpretation of status <b>ET083</b> .

## Fault finding – Conformity check

## NOTES

Only carry out this conformity check after a complete check using the **diagnostic tool**.  
The values shown in this conformity check are given as a guide.  
Test conditions: **Engine stopped, ignition on.**

SUB-FUNCTION: LIGHTING CONTROL (CONTINUED)

Function	Parameter or status Checked or action		Display and notes	Fault finding
Lighting control	AC023	Right-hand indicator	This command is used to activate the right-hand indicators.	<b>In the event of a fault</b> , apply the interpretation of command <b>AC023</b> .
	AC022	Left-hand direction indicator	This command is used to activate the left-hand indicators.	<b>In the event of a fault</b> , apply the interpretation of command <b>AC022</b> .
	AC145	Front courtesy lights	This command is used to illuminate the front courtesy light.	<b>In the event of a fault</b> , apply the interpretation of command <b>AC145</b> .

Fault finding – Status summary table

Tool status	Diagnostic tool title
ET083	Left-hand indicator request
ET084	Right-hand indicator request
ET324	Side lights request
ET485	Hazard warning lights signal

ET083	<u>LEFT-HAND INDICATOR REQUEST</u>
STATUS DEFINITION	<b>PRESENT</b> when the left-hand indicator is switched on. <b>ABSENT</b> if there is no request for the left-hand indicator.
NOTES	There must be no <b>present</b> or <b>stored</b> faults. Switch on the ignition. Activate the left-hand indicator lights control using the lighting stalk. The status should be <b>PRESENT</b> .
	<b>Special note:</b> Use the <b>Wiring Diagrams Technical Note for DUSTER</b> .
Check the connection and condition of the indicator lighting stalk connector, component code <b>209</b> and the UCH connector, component code <b>645</b> . If the connectors are faulty and if there is a repair procedure (see <b>Technical Note 6015A (Renault) or Technical Note 9804A (Dacia), Electrical wiring repair, Wiring: Precautions for repair</b> ), repair the connector, otherwise replace the wiring.	
Check for <b>earth</b> on connection <b>MAM</b> of component <b>209</b> . If the connection is faulty and if there is a repair procedure (see <b>Technical Note 6015A (Renault) or Technical Note 9804A (Dacia), Electrical wiring repair, Wiring: Precautions for repair</b> ), repair the wiring, otherwise replace it.	

AFTER REPAIR	Carry out another fault finding check on the system. Deal with any other faults. Clear the <b>stored</b> faults.
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<b>ET083 CONTINUED</b>	
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Check the operation of the indicator lighting stalk in the left-hand indicator position:  
Check the **continuity** between connections **64T** and **MAM**.

Disconnect the left-hand indicator connector from the UCH.

Check the **insulation**, **continuity**, and the **absence of interference resistance** on the following connections:

- **64T** between components **209** and **645**.
- **MAM** between component **209** and **earth**.

If the connections are faulty and if there is a repair procedure (see **Technical Note 6015A (Renault)** or **Technical Note 9804A (Dacia)**, **Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

If the earth and the connections are correct, replace the lighting stalk, component code **209** (see **MR 451 Mechanical, 84A, Controls - Signals, Signals lighting switch: Removal - Refitting**).

If the fault is still present, contact the Techline.

<b>AFTER REPAIR</b>	<p>Carry out another fault finding check on the system.</p> <p>Deal with any other faults.</p> <p>Clear the <b>stored</b> faults.</p>
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ET084	<u>RIGHT-HAND INDICATOR REQUEST</u>
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<b>STATUS DEFINITION</b>	<b>PRESENT</b> when the right-hand indicator is switched on. <b>ABSENT</b> if there is no request for the right-hand indicator.
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<b>NOTES</b>	There must be no <b>present</b> or <b>stored</b> faults. Switch on the ignition. Activate the left-hand indicator lights control using the lighting stalk. The status should be <b>PRESENT</b> .
	<b>Special note:</b> Use the <b>Wiring Diagrams Technical Note for DUSTER</b> .

Check the connection and condition of the lighting stalk connector, component code **209** and the UCH connector, component code **645**.

If the connectors are faulty and if there is a repair procedure (see **Technical Note 6015A (Renault) or Technical Note 9804A (Dacia), Electrical wiring repair, Wiring: Precautions for repair**), repair the connector, otherwise replace the wiring.

Check for **earth** on connection **MAM** of component **209**.

If the connection is faulty and if there is a repair procedure (see **Technical Note 6015A (Renault) or Technical Note 9804A (Dacia), Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

Check the operation of the lighting stalk, component code **209** in the right-hand indicator position:  
Check the **continuity** between connections **64S** and **MAM**.

<b>AFTER REPAIR</b>	Carry out another fault finding check on the system. Deal with any other faults. Clear the <b>stored</b> faults.
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### ET084 CONTINUED

Disconnect the right-hand indicator connector from the UCH.

Check the **insulation**, **continuity**, and the **absence of interference resistance** on the following connections:

- **64S** between components **209** and **645**.
- **MAM** between component **209** and **earth**.

If the connections are faulty and if there is a repair procedure (see **Technical Note 6015A (Renault)** or **Technical Note 9804A (Dacia)**, **Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

If the earth and the connections are correct, replace the lighting stalk, component code **209** (see **MR 451 Mechanical, 84A, Controls - Signals, Signals lighting switch: Removal - Refitting**).

If the fault is still present, contact the Techline.

### AFTER REPAIR

Carry out another fault finding check on the system.  
Deal with any other faults.  
Clear the **stored** faults.

<b>ET324</b>	<u>SIDE LIGHTS REQUEST</u>
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<b>STATUS DEFINITION</b>	<p><b>PRESENT</b> when the side lights are switched on.  <b>ABSENT</b> if there is no request for the side lights.</p>
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<b>NOTES</b>	<p>There must be no <b>present</b> or <b>stored</b> faults.  Move the side lights switch.  The status should be <b>PRESENT</b> and the side lights illuminated.</p>
	<p><b>Special note:</b>  Use the <b>Wiring Diagrams Technical Note for DUSTER</b>.</p>

<p>Check the presence and condition of fuses <b>F18 (10 A)</b> and <b>F19 (10 A)</b> on the passenger compartment fuse box, component code <b>1016</b>, and fuses <b>F1 (60 A)</b> and <b>F2 (60 A)</b> on the engine fuse and relay box, component code <b>597</b> (see <b>MR 451 Mechanical, 81C, Fuses, Fuses: List and location of components</b>).</p>
<p>Check the connection and the condition of the connector of the engine fuse and relay box, component code <b>597</b>, the UCH computer, component code <b>645</b>, and the lighting stalk, component code <b>209</b>.</p> <p>If the connector is faulty and there is a repair procedure (see <b>Technical Note 6015A (Renault)</b> or <b>Technical Note 9804A (Dacia)</b>, <b>Electrical wiring repair, Wiring: Precautions for repair</b>), repair the connector, otherwise replace the wiring.</p>
<p>Check for <b>+12 V</b> on connections <b>BP13</b> and <b>BP11</b> of component <b>209</b>.</p> <p>If the connections are faulty and if there is a repair procedure (see <b>Technical Note 6015A (Renault)</b> or <b>Technical Note 9804A (Dacia)</b>, <b>Electrical wiring repair, Wiring: Precautions for repair</b>), repair the wiring, otherwise replace it.</p>

<b>AFTER REPAIR</b>	<p>Carry out another fault finding check on the system.  Deal with any other faults.  Clear the <b>stored</b> faults.</p>
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### ET324 CONTINUED 1

Check between the lighting stalk and the engine fuse and relay box:

Check the continuity and insulation of the following connections:

- **BP11** between components **209** and **597**,
- **BP13** between components **209** and **597**,

If the connections are faulty and if there is a repair procedure (see **Technical Note 6015A (Renault)** or **Technical Note 9804A (Dacia)**, **Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

Check for **+12 V** (when side lights are requested) on the following connection:

- **LPG** of component **645** for right-hand drive
- **LPD** of component **645** for left-hand drive

If the connections are faulty and if there is a repair procedure (see **Technical Note 6015A (Renault)** or **Technical Note 9804A (Dacia)**, **Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

Check the **continuity and the insulation** of the following connections:

- **LPG** between components **1016** and **645** for right-hand drive
- **LPD** between components **1016** and **645** for left-hand drive
- **L** between components **1016** and **209**

If the connections are faulty and if there is a repair procedure (see **Technical Note 6015A (Renault)** or **Technical Note 9804A (Dacia)**, **Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

### AFTER REPAIR

Carry out another fault finding check on the system.  
Deal with any other faults.  
Clear the **stored** faults.

### ET324 CONTINUED 2

Check for **+12 V** (when side lights are requested) on the following connection:

- L of component **209**

If the connections are faulty and if there is a repair procedure (see **Technical Note 6015A (Renault)** or **Technical Note 9804A (Dacia)**, **Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

If the feeds and the connections are correct, replace the lighting stalk, component code **209** (see **MR 451 Mechanical, 84A, Controls - Signals, Signals lighting switch: Removal - Refitting**).

If the fault is still present, contact the Techline.

### AFTER REPAIR

Carry out another fault finding check on the system.  
Deal with any other faults.  
Clear the **stored** faults.

ET485	<u>HAZARD WARNING LIGHTS SIGNAL</u>
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<b>STATUS DEFINITION</b>	<b>PRESENT</b> when the hazard warning lights are switched on. <b>ABSENT</b> if there is no request for the hazard warning lights.
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<b>NOTES</b>	There must be no <b>present</b> or <b>stored</b> faults. Activate the hazard warning lights switch using the button. The status should be <b>PRESENT</b> .
	<b>Special note:</b> Use the <b>Wiring Diagrams Technical Note for DUSTER</b> .

Check the connection and condition of the hazard warning lights switch connector, component code **125**.  
If the connector is faulty and there is a repair procedure (see **Technical Note 6015A (Renault) or Technical Note 9804A (Dacia), Electrical wiring repair, Wiring: Precautions for repair**), repair the connector, otherwise replace the wiring.

Check for **earth** on connection **MAN** of component **125**.  
If the connection is faulty and if there is a repair procedure (see **Technical Note 6015A (Renault) or Technical Note 9804A (Dacia), Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

Check the operation of the hazard warning lights control.  
Check **the continuity** between the following connections **MAN** and **64Q** of component **125**:  
If the connections are faulty and if there is a repair procedure (see **Technical Note 6015A (Renault) or Technical Note 9804A (Dacia), Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

<b>AFTER REPAIR</b>	Carry out another fault finding check on the system. Deal with any other faults. Clear the <b>stored</b> faults.
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### ET485 CONTINUED

Check the **insulation**, **continuity**, and the **absence of interference resistance** on the following connections:

- **64Q** between components **125** and **645**.
- **MAN** between component **125** and **earth** .

If the connections are faulty and if there is a repair procedure (see **Technical Note 6015A (Renault)** or **Technical Note 9804A (Dacia)**, **Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

If the fault is still present, contact the Techline.

### AFTER REPAIR

Carry out another fault finding check on the system.  
Deal with any other faults.  
Clear the **stored** faults.

## Fault finding – Command summary table

Tool commands	Diagnostic tool title	Comments
<b>AC022</b>	Left-hand direction indicator	This command is used to activate the left-hand indicator.
<b>AC023</b>	Right-hand indicator	This command is used to activate the right-hand indicator.
<b>AC145</b>	Front courtesy lights	This command is used to activate the front courtesy lights.

## Fault finding – Interpretation of commands

AC022	<u>LEFT-HAND INDICATOR</u>
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NOTES	This command is used to activate the left-hand indicator. There must be no <b>present</b> or <b>stored</b> faults. Switch on the ignition.
	<b>Special note:</b> Use the <b>Wiring Diagrams Technical Note for DUSTER</b> .

Check the condition of the left-hand indicator light bulb. Replace the bulb if necessary (see **MR 451 Mechanical, 80B, Headlights, Side indicator: Removal - Refitting**).

Check the connection and condition of the connector of the UCH, component code **645**, the rear left-hand light, component code **173**, the left-hand headlight, component code **227**, and the left-hand repeater, component code **268**.

If the connectors are faulty and if there is a repair procedure (see **Technical Note 6015A (Renault) or Technical Note 9804A (Dacia), Electrical wiring repair, Wiring: Precautions for repair**), repair the connector, otherwise replace the wiring.

Check for **earth** on the following connections:

- **MB** of component **227**,
- **MB** of component **268**,
- **MG** of component **173**.

If the connections are faulty and if there is a repair procedure (see **Technical Note 6015A (Renault) or Technical Note 9804A (Dacia), Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

<b>AFTER REPAIR</b>	Carry out a road test, followed by a check with the <b>diagnostic tool</b> .
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## Fault finding – Interpretation of commands

### AC022 CONTINUED

Check the **continuity**, **insulation** and **absence of interference resistance** on the following connections:

- **64C** between components **645** and **173**,
- **64C** between components **645** and **227**,
- **64C** between components **645** and **268**,
- **MB** between component **268** and **earth**,
- **MB** between component **227** and **earth**,
- **MG** between component **173** and **earth**,

If the connections are faulty and if there is a repair procedure (see **Technical Note 6015A (Renault)** or **Technical Note 9804A (Dacia)**, **Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

If the fault is still present, contact the Techline.

### AFTER REPAIR

Carry out a road test, followed by a check with the **diagnostic tool**.

## Fault finding – Interpretation of commands

AC023	<u>RIGHT-HAND INDICATOR</u>
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NOTES	This command is used to activate the right-hand indicator. There must be no <b>present</b> or <b>stored</b> faults. Switch on the ignition.
	<b>Special note:</b> Use the <b>Wiring Diagrams Technical Note for DUSTER</b> .

Check the condition of the right-hand indicator light bulb. Replace the bulb if necessary (see **MR 451 Mechanical, 80B, Headlights, Side indicator: Removal - Refitting**).

Check the connection and condition of the connector of the UCH, component code **645**, the rear right-hand light, component code **172**, the right-hand headlight, component code **226**, and the right-hand repeater, component code **267**.

If the connectors are faulty and if there is a repair procedure (see **Technical Note 6015A (Renault) or Technical Note 9804A (Dacia), Electrical wiring repair, Wiring: Precautions for repair**), repair the connector, otherwise replace the wiring.

Check for **earth** on the following connections:

- **MA** of component **226**,
- **MA** of component **267**,
- **MF** of component **172**.

If the connections are faulty and if there is a repair procedure (see **Technical Note 6015A (Renault) or Technical Note 9804A (Dacia), Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

<b>AFTER REPAIR</b>	Carry out a road test, followed by a check with the <b>diagnostic tool</b> .
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## Fault finding – Interpretation of commands

### AC023 CONTINUED

Check the **continuity, insulation and absence of interference resistance** on the following connections:

- **64D** between components **645** and **172**,
- **64D** between components **645** and **226**,
- **64D** between components **645** and **267**,
- **MA** between component **267** and **earth**,
- **MA** between component **226** and **earth**,
- **MF** between component **172** and **earth**,

If the connections are faulty and if there is a repair procedure (see **Technical Note 6015A (Renault)** or **Technical Note 9804A (Dacia)**, **Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

If the fault is still present, contact the Techline.

### AFTER REPAIR

Carry out a road test, followed by a check with the **diagnostic tool**.

## Fault finding – Interpretation of commands

AC145	<u>FRONT COURTESY LIGHTS</u>
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NOTES	This command is used to activate the front courtesy light. There must be no <b>present</b> or <b>stored</b> faults. Switch on the ignition.
	<b>Special note:</b> Use the <b>Wiring Diagrams Technical Note for DUSTER</b> .

Check the correct operation of the courtesy light in the **ON** position and the condition of the front courtesy light bulb, component code **213**. Replace the bulb if necessary (see **MR 451 Mechanical, 81B, Interior lighting, Courtesy light: Removal - Refitting**).

Check for **+12 V** on the front courtesy light, component code **213** on the following connection:

- **BPT** of component **213**.

Check the **continuity and insulation** of the following connection:

**BPT** between components **213** and **645**.

If the connection or connections are faulty and there is a repair procedure (see **Technical Note 6015A, Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

<b>AFTER REPAIR</b>	Carry out a road test, followed by a check with the <b>diagnostic tool</b> .
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## Fault finding – Interpretation of commands

### AC145 CONTINUED

Check for **earth** on the front courtesy light, component code **213** on the following connection:

- **MAM** of component **213**.

Check **the continuity and insulation** of the following connection:

**MAM** between component **213** and **earth**.

If the connection or connections are faulty and there is a repair procedure (see **Technical Note 6015A, Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

Put the courtesy light in the **AUTO** position and run command **AC145**.

Check **the continuity, insulation and the absence of interference resistance** of the following connection:

- **13A** or **13E** between components **645** and **213**.

If the connection or connections are faulty and there is a repair procedure (see **Technical Note 6015A, Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

If the fault is still present, contact the Techline.

### AFTER REPAIR

Carry out a road test, followed by a check with the **diagnostic tool**.

**NOTES**

Only consult these customer complaints after a complete check with the diagnostic tool.

**LIGHTING**

No side lights	→	ALP2
No dipped headlights	→	ALP3
No main beam headlights	→	ALP4
No front fog lights	→	ALP5
No rear fog light	→	ALP6
The glovebox light does not work	→	ALP7
The luggage compartment lights do not work	→	ALP8
The brake lights operate erratically	→	ALP9
The brake lights are still illuminated and the brake light switch is released	→	ALP10
The reversing light operates erratically	→	ALP11
<u>The flashing light of the hazard warning lights control button does not work</u>	→	ALP12
The backlighting of the hazard warning lights control button operates erratically	→	ALP 13
The front fog lights are always illuminated	→	ALP14
The timed courtesy light does not work	→	ALP15

## Fault finding – Fault Finding Chart

<b>ALP 2</b>	<b>No side lights</b>
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<b>NOTES</b>	Only consult this customer complaint after a full check with the <b>diagnostic tool</b> . There must be no <b>present</b> or <b>stored</b> faults. Check the conformity of status <b>ET324 Side lights request</b> . If not correct, refer to the interpretation of this status.
	<b>Special note:</b> Use the <b>Wiring Diagrams Technical Note for DUSTER</b> .

Check the condition of the bulbs. Replace the bulbs if they are defective (see **MR 451 Mechanical, 81A, Rear lighting, Rear light bulb: Removal - Refitting**).

Check the presence and condition of fuses **F18 (10 A)** and **F19 (10 A)** on component **1016**.  
Replace the fuse if the check is not correct.

Check the condition and connection of the connectors of the left-hand headlight, component code **227**, the rear left-hand light, component code **173**, the right-hand headlight, component code **226**, the rear right-hand light, component code **172**, the right-hand number plate light, component code **166**, the left-hand number plate light, component code **167**, and the lighting stalk, component code **209**.  
If the connector is faulty and there is a repair procedure (see **Technical Note 6015A (Renault) or Technical Note 9804A (Dacia), Electrical wiring repair, Wiring: Precautions for repair**), repair the connector, otherwise replace the wiring.

Check for **+12 V** (when side lights are requested) on the following connections:

- **LPD** of components **226 and 172**,
- **LPG** of components **227 and 173**.

Check for **earth** on the following connections:

- **MB** of component **227**,
- **MG** of component **173**,
- **MA** of component **226**,
- **MF** of component **172**.

If the connections are faulty and if there is a repair procedure (see **Technical Note 6015A (Renault) or Technical Note 9804A (Dacia), Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

<b>AFTER REPAIR</b>	Check the system operation.
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# LIGHTING

## Fault finding – Fault Finding Chart

80D

### ALP 2 CONTINUED 1

#### Side lights check:

Check **the continuity and insulation** of the following connections:

Front left-hand side light:

- **LPG** between components **227** and **1016**,
- **MB** between component **227** and **earth**,

#### Rear left-hand side light:

- **LPG** between components **173** and **1016**,
- **MG** between component **173** and **earth**,

#### Front right-hand side light:

- **LPD** between components **226** and **1016**,
- **MA** between component **226** and **earth**,

### AFTER REPAIR

Check the system operation.

### ALP 2 CONTINUED 2

#### Rear right side light:

- **LPD** between components **172** and **1016**,
- **MF** between component **172** and **earth**,

#### Right-hand number plate light:

- **LPD** between components **166** and **1016**,
- **MF** between component **166** and **earth**,

#### Left-hand number plate light:

- **LPD** between components **167** and **1016**,
- **MG** between component **167** and **earth**,

If the connections are faulty and if there is a repair procedure (see **Technical Note 6015A (Renault)** or **Technical Note 9804A (Dacia)**, **Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

If the fault is still present, contact the Techline.

### AFTER REPAIR

Check the system operation.

# LIGHTING

## Fault finding – Fault Finding Chart

80D

ALP 3	No dipped headlights
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NOTES	Only consult this customer complaint after a full check with the <b>diagnostic tool</b> . There must be no <b>present</b> or <b>stored</b> faults. Check the conformity of status <b>ET324 Side lights request</b> . If not correct, refer to the interpretation of this status.
	<b>Special note:</b> Use the <b>Wiring Diagrams Technical Note for DUSTER</b> .

Put the lighting stalk, component code <b>209</b> in the dipped headlights position.
Check the presence and condition of the supply fuse of the left-hand headlight, component code <b>227</b> :  • <b>F09 (10 A)</b> on component <b>1016</b> ,  Replace the fuse(s) if the checks are not correct (see <b>MR 451 Mechanical, 81C, Fuses, Fuses: List and location of components</b> ).
Check the presence and condition of the supply fuse of the right-hand headlight, component code <b>226</b> :  • <b>F10 (10 A)</b> on component <b>1016</b> ,  Replace the fuse(s) if the checks are not correct (see <b>MR 451 Mechanical, 81C, Fuses, Fuses: List and location of components</b> ).
Check the condition of the bulbs. Replace the bulbs if they are defective (see <b>MR 451 Mechanical, 80B, Front lighting: List and location of components</b> ).

<b>AFTER REPAIR</b>	Check the system operation.
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# LIGHTING

## Fault finding – Fault Finding Chart

80D

### ALP 3 CONTINUED 1

Check the **condition** and **connection** of the connectors of the left-hand headlight, component code **227**, the right-hand headlight, component code **226**, and the lighting stalk, component code **209**.

If the connectors are faulty and if there is a repair procedure (see **Technical Note 6015A, Repairing electrical wiring, Wiring: Precautions for repair**), repair the connector, otherwise replace the wiring.

Check for **+12 V** (when the dipped headlights are requested) on the following connections:

- **CPG** of component **227**,
- **CPD** of component **226**.

Check for **earth** on the following connections:

- **MB** of component **227**,
- **MA** of component **226**.

If the connections are faulty and if there is a repair procedure (see **Technical Note 6015A (Renault) or Technical Note 9804A (Dacia), Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

### AFTER REPAIR

Check the system operation.

# LIGHTING

## Fault finding – Fault Finding Chart

80D

### ALP 3 CONTINUED 2

Check **the continuity and insulation** of the following connections:

- **CDO** between components **209** and **1016**.

**Front right-hand dipped beam headlight:**

- **CPG** between components **227** and **1016**,
- **MB** between component **227** and **earth**,

**Front right-hand dipped beam headlight:**

- **CPD** between components **226** and **1016**.
- **MA** between component **226** and **earth**,

If the connection or connections are faulty and there is a repair procedure (see **Technical Note 6015A, Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

With the dipped headlights control activated, check for **+12 V** on connection **CDO** of the lighting stalk, component code **209**.

If not correct, replace the lighting stalk (see **MR451 Mechanical 84A, Control - Signals, - Lighting - signals switch: Removal - Refitting**)

If the fault is still present, contact the Techline.

### AFTER REPAIR

Check the system operation.

# LIGHTING

## Fault finding – Fault Finding Chart

80D

<b>ALP 4</b>	<b>No main beam headlights</b>
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<b>NOTES</b>	<p>Only address this customer complaint after a <b>complete check</b> with the <b>diagnostic tool</b>.          There must be no <b>present</b> or <b>stored</b> faults.          Check the conformity of status <b>ET324 Side lights request</b>.          If not correct, refer to the interpretation of this status.</p>
	<p><b>Special note:</b>          Use the <b>Wiring Diagrams Technical Note for DUSTER</b>.</p>

Put the lighting stalk, component code <b>209</b> in the main beam headlights position.
<p>Check the presence and condition of the supply fuse of the left-hand headlight, component code <b>227</b>:</p> <ul style="list-style-type: none"> <li>• <b>F11 (10 A)</b> on component <b>1016</b>,</li> </ul> <p>Replace the fuse(s) if the checks are not correct (see <b>MR 451 Mechanical, 81C, Fuses, Fuses: List and location of components</b>).</p>
<p>Check the presence and condition of the supply fuse of the right-hand headlight, component code <b>226</b>:</p> <ul style="list-style-type: none"> <li>• <b>F12 (10 A)</b> on component <b>1016</b>,</li> </ul> <p>Replace the fuse(s) if the checks are not correct (see <b>MR 451 Mechanical, 81C, Fuses, Fuses: List and location of components</b>).</p>
Check the condition of the bulbs. Replace the bulbs if they are defective (see <b>MR 451 Mechanical, 80B, Front lighting: List and location of components</b> ).

<b>AFTER REPAIR</b>	Check the system operation.
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# LIGHTING

## Fault finding – Fault Finding Chart

80D

### ALP 4 CONTINUED 1

Check the **condition** and **connection** of the connectors of the left-hand headlight, component code **227**, the right-hand headlight, component code **226**, and the lighting stalk, component code **209**.

If the connectors are faulty and if there is a repair procedure (see **Technical Note 6015A, Repairing electrical wiring, Wiring: Precautions for repair**), repair the connector, otherwise replace the wiring.

Check for **+12 V** (when the dipped headlights are requested) on the following connections:

- **RPG** of component **227**,
- **RPD** of component **226**.

Check for **earth** on the following connections:

- **MB** of component **227**,
- **MA** of component **226**.

If the connections are faulty and if there is a repair procedure (see **Technical Note 6015A (Renault) or Technical Note 9804A (Dacia), Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

### AFTER REPAIR

Check the system operation.

# LIGHTING

## Fault finding – Fault Finding Chart

80D

### ALP 4 CONTINUED 2

Check the **continuity**, **insulation** and **absence of interference resistance** on the following connections:

- **R** between components **209** and **1016**.

**Front left-hand main beam headlight:**

- **RPG** between components **227** and **1016**,
- **MB** between component **227** and **earth**,

**Front right-hand main beam headlight:**

- **RPD** between components **226** and **1016**.
- **MA** between component **226** and **earth**,

If the connection or connections are faulty and there is a repair procedure (see **Technical Note 6015A, Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

With the main beam headlights control activated, check for **+12 V** on connection **R** of the lighting stalk, component code **209**.

If not correct, replace the lighting stalk (see **MR 451 Mechanical 84A, Control - Signals, - Lighting - signals switch: Removal - Refitting**)

If the fault is still present, contact the Techline.

### AFTER REPAIR

Check the system operation.

# LIGHTING

## Fault finding – Fault Finding Chart

**80D**

<b>ALP 5</b>	<b>No front fog lights</b>
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<b>NOTES</b>	Only consult this customer complaint after a full check with the <b>diagnostic tool</b> . There must be no <b>present</b> or <b>stored</b> faults. Check the conformity of status <b>ET324 Side lights request</b> . If not correct, refer to the interpretation of this status.
	<b>Special note:</b> Use the <b>Wiring Diagrams Technical Note for DUSTER</b> .

Check the condition of the bulbs. Replace the bulbs if they are defective (see **MR 451 Mechanical, 80B, Front headlight, Front fog light bulb: Removal - Refitting**).

Check the presence and condition of the front fog light relay (component code **231**) and **fuse F31 (15 A)**.  
Replace the relay and the fuse if the check is not correct.

Check the condition and connection of the connectors of the front fog light relay, component code **231**, the front right-hand fog light, component code **176**, the front left-hand fog light, component code **177**, and the lighting stalk, component code **209**,  
If the connector is faulty and there is a repair procedure (see **Technical Note 6015A (Renault) or Technical Note 9804A (Dacia), Electrical wiring repair, Wiring: Precautions for repair**), repair the connector, otherwise replace the wiring.

Check for **+12 V** (when the front fog lights are requested) on the following connection:

- **8FB** of components **176 and 177**,

Check for **earth** on the following connection:

- **MB** of components **176 and 177**,

If the connections are faulty and if there is a repair procedure (see **Technical Note 6015A (Renault) or Technical Note 9804A (Dacia), Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

<b>AFTER REPAIR</b>	Check the system operation.
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### ALP 5 CONTINUED 1

Front fog lights check:

Check **the continuity and insulation** of the following connections:

**Right-hand front fog light:**

- **8B** between components **231** and **176**,

**Left-hand front fog light:**

- **8B** between components **231** and **177**,

If the connections are faulty and if there is a repair procedure (see **Technical Note 6015A (Renault)** or **Technical Note 9804A (Dacia)**, **Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

### AFTER REPAIR

Check the system operation.

### ALP 5 CONTINUED 2

Check for **+12 V** (when the front fog lights are requested) on the following connections:

- **8A** of component **231**,
- **BP16** of component **231**,

Check for **earth** on the following connection:

- **MB** of component **231**,

If the connections are faulty and if there is a repair procedure (see **Technical Note 6015A (Renault)** or **Technical Note 9804A (Dacia)**, **Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

Front fog lights relay check:

Check the continuity and insulation of the following connections:

- **8A** between components **209** and **231**,
- **BP16** between components **231** and **1016**.

If the connections are faulty and if there is a repair procedure (see **Technical Note 6015A (Renault)** or **Technical Note 9804A (Dacia)**, **Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

Check for **+12 V** on the following connections:

- **BP11** of component **209**,
- **BP13** of component **209**,

If the connections are faulty and if there is a repair procedure (see **Technical Note 6015A (Renault)** or **Technical Note 9804A (Dacia)**, **Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

### AFTER REPAIR

Check the system operation.



### ALP 5 CONTINUED 3

Check between the lighting stalk and the engine fuse and relay box:  
Check the **insulation and the continuity** of the following connections:

- **BP11** between components **209 and 597**,
- **BP13** between components **209 and 597**,

If the connections are faulty and if there is a repair procedure (see **Technical Note 6015A (Renault) or Technical Note 9804A (Dacia), Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

If the supplies and the connections are correct, replace the lighting stalk.

If the fault is still present, contact the Techline.

### AFTER REPAIR

Check the system operation.

# LIGHTING

## Fault finding – Fault Finding Chart

**80D**

<b>ALP 6</b>	<b>No rear fog light</b>
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<b>NOTES</b>	Only address this customer complaint after a <b>complete check</b> with the <b>diagnostic tool</b> . There must be no <b>present</b> or <b>stored</b> faults. Check the conformity of status <b>ET324 Side lights request</b> . If not correct, refer to the interpretation of this status.
	<b>Special note:</b> Use the <b>Wiring Diagrams Technical Note for DUSTER</b> .

Put the lighting stalk, component code <b>209</b> in the rear fog lights position.
Check the presence and condition of fuse <b>F20 (7.5 A)</b> on the passenger compartment fuse box, component code <b>1016</b> .  Replace the fuse(s) if the checks are not correct (see <b>MR 451 Mechanical, 81C, Fuses, Fuses: List and location of components</b> ).
Check the condition of the bulb. Replace the bulb if it is defective (see <b>MR 451 Mechanical, 80B, Rear lighting: List and location of components</b> ).
Check the <b>condition</b> and <b>connection</b> of the connectors of the rear left-hand light, component code <b>173</b> for a left-hand drive vehicle, the rear right-hand light, component code <b>172</b> for a right-hand drive vehicle, and the lighting stalk, component code <b>209</b> . If the connectors are faulty and if there is a repair procedure (see <b>Technical Note 6015A, Repairing electrical wiring, Wiring: Precautions for repair</b> ), repair the connector, otherwise replace the wiring.

<b>AFTER REPAIR</b>	Check the system operation.
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## Fault finding – Fault Finding Chart

### ALP 6 CONTINUED 1

Check for **+12 V** (when the rear fog lights are requested) on the following connections:

- **9P** of component **172** for a right-hand drive vehicle,
- **9P** of component **173** for a left-hand drive vehicle,

Check for **earth** on the following connection:

- **MF** of component **172** for a right-hand drive vehicle,
- **MG** of component **173** for a left-hand drive vehicle,

If the connections are faulty and if there is a repair procedure (see **Technical Note 6015A (Renault)** or **Technical Note 9804A (Dacia)**, **Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

Check **the continuity and insulation** of the following connections:

- **9J** between components **209** and **1016**.
- **9P** between components **172** and **1016** (for a right-hand drive vehicle),
- **9P** between components **173** and **1016** (for a left-hand drive vehicle),
- **MF** between components **172** and **earth** (for a right-hand drive vehicle),
- **MG** between components **173** and **earth** (for a left-hand drive vehicle),

If the connection or connections are faulty and there is a repair procedure (see **Technical Note 6015A, Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

### AFTER REPAIR

Check the system operation.

# LIGHTING

## Fault finding – Fault Finding Chart

80D

### ALP 6 CONTINUED 2

With the rear fog lights control activated, check for **+12 V** on connection **9J** of the lighting stalk, component code **209**.

If not correct, replace the lighting stalk (see **MR 451 Mechanical 84A, Control - Signals, - Lighting - signals switch: Removal - Refitting**)

If the fault is still present, contact the Techline.

### AFTER REPAIR

Check the system operation.

# LIGHTING

## Fault finding – Fault Finding Chart

**80D****ALP 7****The glovebox light does not work****NOTES**

Only address this customer complaint after a **complete check** with the **diagnostic tool**.

Put the lighting stalk, component code **209** in the side lights position.

There must be no **present** or **stored** faults.

Check the conformity of status **ET324 Side lights request**.

If not correct, refer to the interpretation of this status.

**Special note:**

Use the **Wiring Diagrams Technical Note for DUSTER**.

Check the condition of the passenger glovebox light and the bulb.

Replace the passenger glovebox light and the bulb if necessary (see **MR 451 Mechanical, 81B, Interior lighting, Glovebox light: Removal - Refitting**).

Check the **condition** and **connection** of the connectors of the passenger glovebox light, component code **168** and the passenger glovebox switch, component code **161**.

If the connectors are faulty and if there is a repair procedure (see **Technical Note 6015A, Repairing electrical wiring, Wiring: Precautions for repair**), repair the connector, otherwise replace the wiring.

Check for **+12 V** on the passenger glovebox light, component code **168** on the following connection:

- **LPG** of component **168** (for a right-hand drive vehicle),
- **LPD** of component **168** (for a left-hand drive vehicle).

Check the **continuity** of the following connection:

- **LPG** between components **1016** and **168** (for a right-hand drive vehicle),
- **LPD** between components **1016** and **168** (for a left-hand drive vehicle).

If the connection or connections are faulty and there is a repair procedure (see **Technical Note 6015A, Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

**AFTER REPAIR**

Check the system operation.

### ALP 7 CONTINUED

Check for **earth** on the passenger glovebox switch, component code **161** on the following connection:

- **MAN** of component **161**.

If the connection is faulty and there is a repair procedure (see **Technical Note 6015A, Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

Check **the continuity and insulation** of the following connection:

- **17A** between components **168** and **161**,

If the connection or connections are faulty and there is a repair procedure (see **Technical Note 6015A, Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

Check for correct operation of the passenger glovebox switch, component code **161**.

Check the **continuity** between connections **17A** and **MAN** of the passenger glovebox switch. If not correct, ensure the conformity of the switch.

If the fault is still present, contact the Techline.

### AFTER REPAIR

Check the system operation.

# LIGHTING

## Fault finding – Fault Finding Chart

**80D**

<b>ALP 8</b>	<b>The luggage compartment light does not work</b>
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<b>NOTES</b>	Only consult this customer complaint after a full check with the <b>diagnostic tool</b> . There must be no <b>present</b> or <b>stored</b> faults.
	<b>Special note:</b> Use the <b>Wiring Diagrams Technical Note for DUSTER</b> .

<b>For mid-range and high-end versions (SOP02 and SOP03)</b>
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Close the rear doors of the vehicle and open the tailgate and check that <b>ET 551</b> is <b>OPEN</b> . If not, deal with <b>ET 551</b> (see <b>87B, Passenger compartment connection unit</b> ).
Check that the left-hand luggage compartment light, component code <b>165</b> is illuminated. If not, check the condition of the left-hand luggage compartment bulb, component code <b>165</b> . Replace the left-hand luggage compartment bulb if necessary (see <b>MR 451 Mechanical, 81B, Interior lighting, Luggage compartment light: Removal - Refitting</b> ).
Run command <b>AC145</b> to illuminate the bulb. If not correct, check the condition and connection of the connectors of the UCH, component code <b>645</b> and the luggage compartment light, component code <b>165</b> . If the connector(s) are faulty and there is a repair procedure (see Technical Note <b>6015A, Repairing electrical wiring, Wiring: Precautions for repair</b> ), repair the connector, otherwise replace the wiring.

<b>AFTER REPAIR</b>	Check the system operation.
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# LIGHTING

## Fault finding – Fault Finding Chart

80D

### ALP 8 CONTINUED 1

Check for **+12 V** on the luggage compartment light, component code **165** on the following connection:

- **BPT** of component 165.

Check the continuity and insulation of the following connection:

- **BPT** between components **645** and **165**.

If the connection or connections are faulty and there is a repair procedure (see **Technical Note 6015A, Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

Check **the continuity, insulation** and **the absence of interference resistance** of the following connection:

- **13E** between components **645** and **165**.

If the connection is faulty and there is a repair procedure (see **Technical Note 6015A, Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

If the fault is still present, contact the Techline.

### AFTER REPAIR

Check the system operation.



### ALP 8 CONTINUED 2

#### For the entry-level version (SOP01)

Check the presence and condition of the supply fuses of the luggage compartment light, component code **165**:

- **F28 (15 A)** on component **1016**,

Replace the fuses if the checks are not correct.

Check that the left-hand luggage compartment light, component code **165** is illuminated.  
If not, check the condition of the left-hand luggage compartment bulb, component code **165**. Replace the left-hand luggage compartment bulb if necessary (see **MR 451 Mechanical, 81B, Interior lighting, Luggage compartment light: Removal - Refitting**).

Check the **condition** and **connection** of the connectors of the luggage compartment light, component code **165** and the tailgate lock, component code **1322**.

If the connectors are faulty and if there is a repair procedure (see **Technical Note 6015A, Repairing electrical wiring, Wiring: Precautions for repair**), repair the connector, otherwise replace the wiring.

Check for +12 V on the luggage compartment light, component code **165** on the following connection:

- **BC** of component **165**.

Check the **continuity and insulation** of the following connection:

**BC** between components **1016** and **165**.

If the connection or connections are faulty and there is a repair procedure (see **Technical Note 6015A, Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

### AFTER REPAIR

Check the system operation.

# LIGHTING

## Fault finding – Fault Finding Chart

80D

### ALP 8 CONTINUED 3

Check for **earth** on the tailgate lock, component code **1322** on the following connection:

- **MG** of component **1322**.

If the connection is faulty and there is a repair procedure (see **Technical Note 6015A, Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

Check **the continuity and insulation** of the following connection:

- **18A** between components **165** and **1322**

If the connection or connections are faulty and there is a repair procedure (see **Technical Note 6015A, Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

Check for correct operation of the tailgate lock switch, component code **1322**.

Check the **continuity** between connections **18A** and **MG** of the tailgate lock switch. If not correct, ensure the conformity of the switch.

If the fault is still present, contact the Techline.

### AFTER REPAIR

Check the system operation.

## Fault finding – Fault Finding Chart

ALP 9	The brake lights operate erratically
NOTES	Only consult this customer complaint after a full check with the <b>diagnostic tool</b> . There must be no <b>present</b> or <b>stored</b> faults.
	<b>Special note:</b> Use the <b>Wiring Diagrams Technical Note for DUSTER</b> .
Check the condition of the bulbs. Replace the bulbs if they are defective (see <b>MR 451 Mechanical, 81A, Rear lighting, Rear light bulb: Removal - Refitting</b> ).	
Check the presence and condition of fuse <b>F03 (10 A)</b> on component <b>1016</b> . Replace the fuse if the check is not correct.	
Check the condition and connection of the connectors of the brake lights switch, component code <b>160</b> , the high-level brake light, component code <b>639</b> , the rear right-hand light, component code <b>172</b> , and the rear left-hand light, component code <b>173</b> . If the connectors are faulty and if there is a repair procedure (see <b>Technical Note 6015A, Repairing electrical wiring, Wiring: Precautions for repair</b> ), repair the connector, otherwise replace the wiring.	
Check for <b>+12 V after ignition feed</b> on the brake lights switch, component code <b>160</b> on the following connection: <ul style="list-style-type: none"><li>• <b>AP1</b> of component <b>160</b>.</li></ul> Check <b>the continuity and insulation</b> of the following connection: <ul style="list-style-type: none"><li>• <b>AP1</b> between components <b>1016</b> and <b>160</b>.</li></ul> If the connection or connections are faulty and there is a repair procedure (see <b>Technical Note 6015A, Electrical wiring repair, Wiring: Precautions for repair</b> ), repair the wiring, otherwise replace it.	
Check for <b>+12 V after ignition feed</b> (when the brake lights are requested by the brake pedal) on the following connection: <ul style="list-style-type: none"><li>• <b>65A</b> of component <b>172, 173 and 639</b>,</li></ul> Check for <b>earth</b> on the following connections: <ul style="list-style-type: none"><li>• <b>MF</b> of component <b>172</b>,</li><li>• <b>MG</b> of component <b>173 and 639</b>.</li></ul> If the connections are faulty and if there is a repair procedure (see <b>Technical Note 6015A (Renault) or Technical Note 9804A (Dacia), Electrical wiring repair, Wiring: Precautions for repair</b> ), repair the wiring, otherwise replace it.	
AFTER REPAIR	Check the system operation.

# LIGHTING

## Fault finding – Fault Finding Chart

80D

### ALP 9 CONTINUED

Check **the continuity and insulation** of the following connection:

- **65A** between components **160** and **639, 172, 173**,

If the connections are faulty and if there is a repair procedure (see **Technical Note 6015A (Renault)** or **Technical Note 9804A (Dacia)**, **Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

Check for correct operation of the brake lights switch, component code **160**.

When the brake lights are requested by the brake pedal, check the **continuity** between connections **AP1** and **65A** of the brake lights switch. If it is not correct, ensure the conformity of the switch.

If the fault is still present, contact the Techline.

### AFTER REPAIR

Check the system operation.

## Fault finding – Fault Finding Chart

ALP 10	The brake lights are still illuminated and the brake light switch is released
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NOTES	Only consult this customer complaint after a full check with the <b>diagnostic tool</b> . There must be no <b>present</b> or <b>stored</b> faults.
	<b>Special note:</b> Use the <b>Wiring Diagrams Technical Note for DUSTER</b> .

Check the condition and connection of the connectors of the brake lights switch, component code **160**, the high-level brake light, component code **639**, the rear right-hand light, component code **172**, and the rear left-hand light, component code **173**.

If the connectors are faulty and if there is a repair procedure (see **Technical Note 6015A, Repairing electrical wiring, Wiring: Precautions for repair**), repair the connector, otherwise replace the wiring.

Check the **insulation to +12 V feed** of the following connection:

- **65A** of component **172, 173 and 639**.

If the connection or connections are faulty and if there is a repair procedure (see **Technical Note 6015A (Renault) or Technical Note 9804A (Dacia), Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

If the fault is still present, contact the Techline.

AFTER REPAIR	Check the system operation.
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# LIGHTING

## Fault finding – Fault Finding Chart

**80D**

<b>ALP 11</b>	<b>The reversing light operates erratically</b>
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<b>NOTES</b>	Only consult this customer complaint after a full check with the <b>diagnostic tool</b> . There must be no <b>present</b> or <b>stored</b> faults.
	<b>Special note:</b> Use the <b>Wiring Diagrams Technical Note for DUSTER</b> .

Check the condition of the bulb. Replace the bulb if it is defective (see **MR 451 Mechanical, 81A, Rear lighting, Rear light bulb: Removal - Refitting**).

Check the presence and condition of fuse **F27 (20 A)** on component **1016**.  
Replace the fuse if the check is not correct.

Check the condition and connection of the connectors of the reversing lights switch, component code **155 (BVM5)** or **1109 (BVM6)** and the rear right-hand light, component code **172** for left-hand drive or the rear left-hand light, component code **173** for right-hand drive.  
If the connector is faulty and there is a repair procedure (see **Technical Note 6015A (Renault)** or **Technical Note 9804A (Dacia), Electrical wiring repair, Wiring: Precautions for repair**), repair the connector, otherwise replace the wiring.

Check for **+12 V after ignition feed** on the reversing lights switch, component code **155** or **1109 (depending on equipment)** on the following connection:  
• **AP9** of component **155** or **1109**.  
Check **the continuity and insulation** of the following connection:  
• **AP9** between components **1016** and **155** or **1109**.  
If the connection or connections are faulty and there is a repair procedure (see **Technical Note 6015A, Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

<b>AFTER REPAIR</b>	Check the system operation.
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### ALP 11 CONTINUED

Check for **+12 V after ignition feed** (when the reversing lights are requested) on the following connection:

- **H66P** of component **172** for left-hand drive,
- **H66P** of component **173** for right-hand drive.

Check for earth on the following connections:

- **MF** of component **172** for left-hand drive,
- **MG** of component **173** for right-hand drive.

If the connection or connections are faulty and if there is a repair procedure (see **Technical Note 6015A (Renault)** or **Technical Note 9804A (Dacia)**, **Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

Check **the continuity and insulation** of the following connection:

**H66P** between components **155** or **1109** and **172** or **173**,

If the connections are faulty and if there is a repair procedure (see **Technical Note 6015A (Renault)** or **Technical Note 9804A (Dacia)**, **Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

Check for correct operation of the reversing lights switch, component code **155 (BVM5)** or **1109 (BVM6)**.

When the reversing lights are requested, check the **continuity** between connections **H66P** and **MG** or **MF** of the reversing lights switch. If not correct, ensure the conformity of the switch.

If the fault is still present, contact the Techline.

### AFTER REPAIR

Check the system operation.

# LIGHTING

## Fault finding – Fault Finding Chart

**80D**

<b>ALP 12</b>	<b><u>The flashing light of the hazard warning lights control button does not work</u></b>
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<b>NOTES</b>	There must be no <b>present</b> or <b>stored</b> faults. Press the hazard warning lights control. Check if status <b>ET485 Hazard warning lights signal</b> is <b>PRESENT</b> and the hazard warning lights are illuminated, If not correct, refer to the interpretation of this status.
	<b>Special note:</b> Use the <b>Wiring Diagrams Technical Note for DUSTER</b> .

Check the connection and condition of the connectors of the hazard warning lights control, component code **125** and the UCH, component code **645**.

If the connector is faulty and there is a repair procedure (see **Technical Note 6015A (Renault)** or **Technical Note 9804A (Dacia)**, **Electrical wiring repair, Wiring: Precautions for repair**), repair the connector, otherwise replace the wiring.

Check for earth on the following connection:

- **MAN** of component **125**.

If the connections are faulty and if there is a repair procedure (see **Technical Note 6015A (Renault)** or **Technical Note 9804A (Dacia)**, **Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

<b>AFTER REPAIR</b>	Check the system operation.
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# LIGHTING

## Fault finding – Fault Finding Chart

80D

### ALP 12 CONTINUED

Check the **insulation, continuity** and the **absence of interference resistance** on the following connection:

- **64D** between components **125** and **645**.

If the connection is faulty and if there is a repair procedure (see **Technical Note 6015A (Renault)** or **Technical Note 9804A (Dacia)**, **Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

If the fault is still present, contact the Techline.

### AFTER REPAIR

Check the system operation.

# LIGHTING

## Fault finding – Fault Finding Chart

**80D****ALP 13****The backlighting of the hazard warning lights control button operates erratically****NOTES**

Only address this customer complaint after a complete check with the diagnostic tool.

There must be no **present** or **stored** faults.

Check the conformity of status **ET324 Side lights request** and **ET485 Hazard warning lights signal**.

If not correct, refer to the interpretation of this status.

**Special note:**

Use the **Wiring Diagrams Technical Note for DUSTER**.

Put the lighting stalk, component code **209** in the side lights position.

Check the condition and connection of the hazard warning lights control connector, component code **125**.

If the connector is faulty and there is a repair procedure (see **Technical Note 6015A (Renault)** or **Technical Note 9804A (Dacia)**, **Electrical wiring repair, Wiring: Precautions for repair**), repair the connector, otherwise replace the wiring.

Check for **+12 V** (when side lights are requested) on the following connections:

- **LPG** of component **125**,

Check for **earth** on the following connection:

- **MAN** of component **125**,

If the connections are faulty and if there is a repair procedure (see **Technical Note 6015A (Renault)** or **Technical Note 9804A (Dacia)**, **Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

**AFTER REPAIR**

Check the system operation.

# LIGHTING

## Fault finding – Fault Finding Chart

80D

### ALP 13 CONTINUED

Check **the continuity** of the following connection:

- **LPD** between components **125** and **1016** (for a left-hand drive vehicle),
- **LPG** between components **125** and **1016** (for a right-hand drive vehicle),

If the connections are faulty and if there is a repair procedure (see **Technical Note 6015A (Renault)** or **Technical Note 9804A (Dacia)**, **Electrical wiring repair, Wiring: Precautions for repair**), repair the wiring, otherwise replace it.

If the fault is still present, contact the Techline.

### AFTER REPAIR

Check the system operation.

# LIGHTING

## Fault finding – Fault Finding Chart

80D

ALP 14	The front fog lights are always illuminated
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NOTES	Only address this customer complaint after a complete check with the diagnostic tool. There must be no <b>present</b> or <b>stored</b> faults.
	<b>Special note:</b> Use the <b>Wiring Diagrams Technical Note for DUSTER</b> .

Check the condition of the front fog lights relay, component code <b>231</b> . Replace the relay if necessary.
Check the condition and connection of the connectors of the front fog lights relay, component code <b>231</b> and the lighting stalk, component code <b>209</b> . If the connector is faulty and there is a repair procedure (see <b>Technical Note 6015A (Renault) or Technical Note 9804A (Dacia), Electrical wiring repair, Wiring: Precautions for repair</b> ), repair the connector, otherwise replace the wiring.
Check the <b>insulation to +12 V</b> of the following connections: <ul style="list-style-type: none"> <li>• <b>8A</b> between components <b>209</b> and <b>231</b>,</li> <li>• <b>8B</b> between components <b>231</b> and <b>176</b> for the front right-hand fog light; <b>177</b> for the front left-hand fog light.</li> </ul> If the connection or connections are faulty and if there is a repair procedure (see <b>Technical Note 6015A (Renault) or Technical Note 9804A (Dacia), Electrical wiring repair, Wiring: Precautions for repair</b> ), repair the wiring, otherwise replace it.
If the fault is still present, contact the Techline.

AFTER REPAIR	Check the system operation.
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# LIGHTING

## Fault finding – Fault Finding Chart

80D

ALP 15	The timed courtesy light does not work
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NOTES	Only address this customer complaint after a complete check with the diagnostic tool. There must be no <b>present</b> or <b>stored</b> faults.
	<b>Special note:</b> Use the <b>Wiring Diagrams Technical Note for DUSTER</b> .

Check by reading configuration <b>LC047 timed courtesy light</b> that the configuration corresponds to the vehicle equipment. Carry out the configuration using command <b>SC008 UCH type</b> if necessary.
Put the courtesy light in the <b>AUTO</b> position and run command <b>AC145</b> . If the courtesy light does not illuminate, refer to the interpretation of this command.
If the fault is still present, contact the Techline.

AFTER REPAIR	Check the system operation.
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