



8 Electrical equipment

85A

WIPERS - WASHERS

UCH

Vdiag No.: 0F

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V2

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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1. SCOPE OF THIS DOCUMENT

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

Vehicle(s): **Clio II F6**
Function concerned: **Wiping / washing**

Name of computer: **UCH**
Vdiag No.: **0F**

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
Elé. 1622	Bornier
Elé. 1681	Universal bornier

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

WARNING:

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

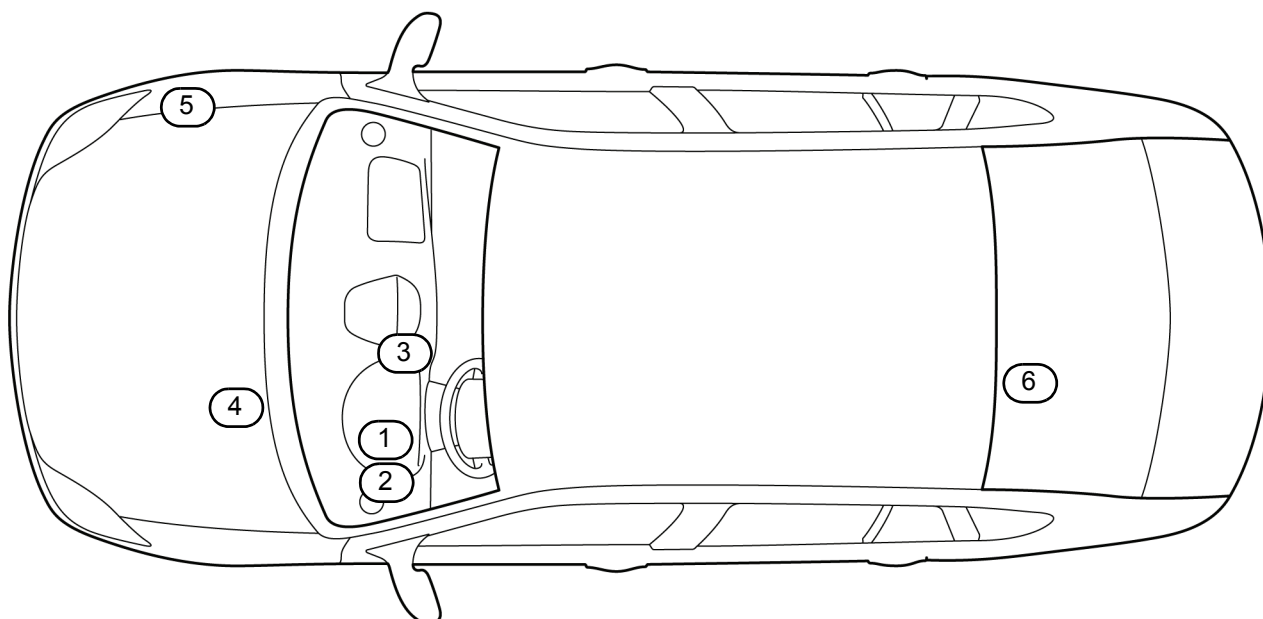
3. SAFETY INSTRUCTIONS

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 proper tools.

Procedure for disconnecting the battery:

- switch off the ignition,
- switch off all electrical consumers,
- wait at least **1 minute** for the electronic systems to switch off,
- disconnect the battery, starting with the negative terminal.



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- | | | | |
|---|--------------------------------|---|--------------------|
| 1 | UCH | 5 | Washer pump |
| 2 | Passenger compartment fuse box | 6 | Heated rear screen |
| 3 | Combined wiper-washer | | |
| 4 | Windscreen wiper motor | | |

Screen wiper motor:

The role of the windscreen wiper motor is to provide windscreen cleaning.

Combined wiper-washer:

The role of the combined wiper-washer control is to control the various washing and wiping functions.

Screen washer pump:

The role of the screen washer pump is to supply washer fluid to the windscreen.

Heated rear screen:

The role of the heated rear screen is to defrost the rear screen.

UCH:

The UCH is used to manage all wiper functions (activation, wiper speed, etc).

WIPERS - WASHERS

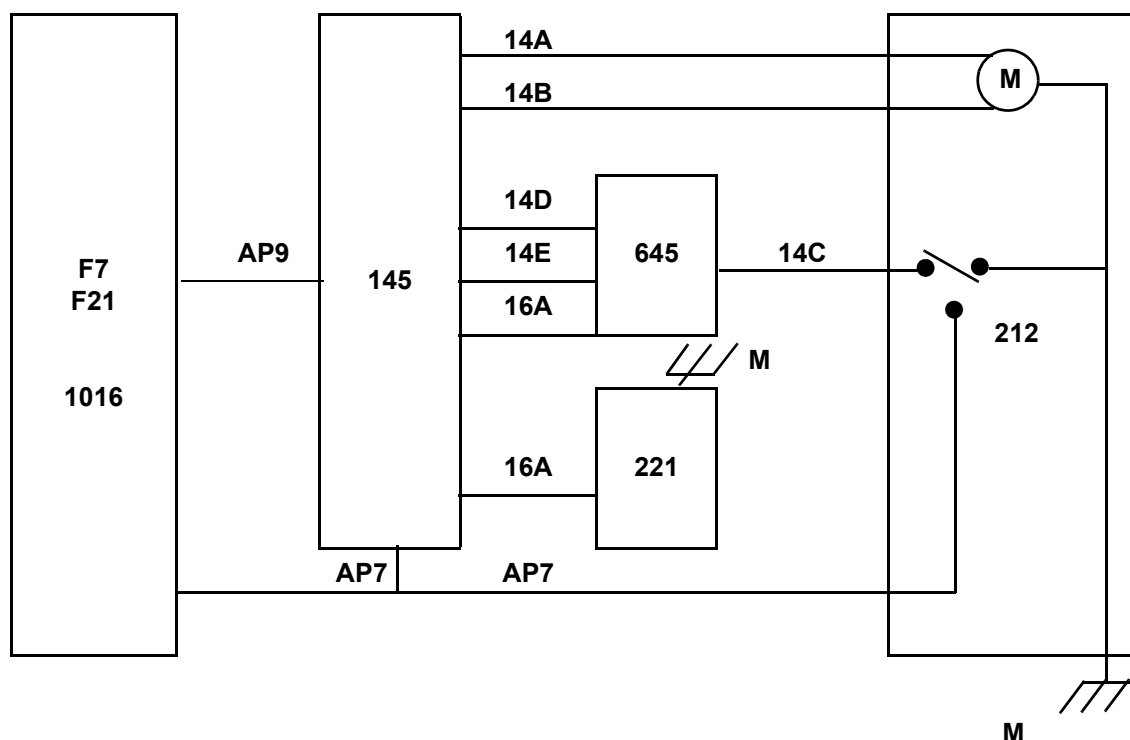
Fault finding – Operating diagram

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List of system components and associated component codes:

Component codes	Component
1016	Passenger compartment fuse box
677	Windscreen wiper pump
645	Unité Centrale Habitable (Passenger Compartment Central Unit)
145	Combined wiper-washer
212	Windscreen wiper motor
200	Heated rear screen

Windscreen washing/wiping diagram:



Windscreen washing/wiping

The UCH receives the wiper speed, windscreen wiper park and windscreen washing-wiping information.

This provides the following functions:

- intermittent wiper speed,
- extended wiper time after washing,
- return to park position.

In the park position, the switch is closed to **earth**, and the UCH receives logical information **0**.

This function is only active if **+ after ignition feed** is present.

When the **+ after ignition feed** is switched on, if the windscreen wiper park position is not detected, the wiper motor relay is held.

Operation is interrupted in the following cases:

- wiper request stopped or no request,
- **+ after ignition** switched off,
- UCH reads park information.

Detection of the park position should be made on transition and not level, that is, if the wiper stalk is moved from the intermittent position to the park position while the wiper blade is in the park position and the wiper motor is running, it will not be stopped until the next reading of the park position. This condition is necessary in order to obtain an exact park position.

Intermittent

The intermittent wiper speed function is only active if the **+ after ignition** is present and if the switch is in the intermittent position.

The time delay between two wipes is **5 seconds**, and this cannot be modified by the **diagnostic tool**.

When the windscreen intermittent speed function is activated, the windscreen intermittent speed relay is held by the UCH until the park position is detected. When the intermittent speed time delay has elapsed, the relay is held again and the cycle begins again.

Extended wiper time after washing

The UCH does not manage the windscreen washer pump control, it only processes the incoming windscreen washer command to provide screen wiping and the extended wiper time after washing.

This function is only active if **+ after ignition** is present.

After the washer pump is activated, the first wiping is performed after a time delay of **750 ms**.

When the washing control is pressed briefly, the windscreen wiper performs **1** wiping cycle.

When the washing control is pressed for longer, the UCH activates the windscreen wiper throughout the washing phase. At the end of the washing phase, the UCH counts the status changes of the park position in order to stop the extended wiping phase.

Equipment required:**CLIP diagnostic tool**

Configurations of the wiper function in the UCH

Configuration readings and configuration available on the **diagnostic tool**:

Configuration reading	Name of configuration	Option	Configuration
LC064	Rear screen wiper	With or WITHOUT	SC008 UCH type
LC116	Intermittent variation according to speed	WITH or WITHOUT	
LC166	De-icing function	WITH or WITHOUT	
LC167	Heated rear screen when driving	WITH or WITHOUT	

WIPERS - WASHERS

Fault finding – Fault summary table

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Tool fault	Diagnostic tool title
DF040	Rear screen wiper park position
DF097	Windscreen wiper park position control

DF040 PRESENT	<u>REAR SCREEN WIPER PARK POSITION</u>
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NOTES	Conditions for applying the fault finding procedure to stored faults: The fault is declared present after: – operation of the rear screen wiper.
	Special notes: – random operation of screen wiping in intermittent speed position (time delay not respected).
	See Wiring Diagrams Technical Note for Clio II F6 .

Check that the rear screen park position status **ET097 Rear screen wiper park position** is **ACTIVE** each time the wiper blade returns to the rest position and then changes back to **INACTIVE**.

Check the connection and condition of the connectors of the UCH, component code **645**, the passenger compartment fuse box, component code 1016, and the wiper stalk, component code 145.
 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.

AFTER REPAIR	Follow the instructions. Deal with any other faults. Clear the stored faults.
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DF040 CONTINUED

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

- **AP9** between components **1016** and **1041**,
- **M** between component **211** and earth,
- **36G** and **36C** between components **1041** and **211**.

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 connection and condition of the rear screen wiper motor connector, component code **211**.

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

Check the operation and fitting of the rear screen wiper motor.

The rear screen wiper motor may need to be replaced (see **MR 430 Mechanical, 85A, Wiping - Washing, Rear screen wiper motor: Removal - Refitting**).

If the fault is still present, contact the Techline.

AFTER REPAIR

Follow the instructions.
Deal with any other faults.
Clear the **stored** faults.

DF097 PRESENT OR STORED	<u>WINDSCREEN WIPER PARK POSITION CIRCUIT</u>
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NOTES	Conditions for applying the fault finding procedure to stored faults: The fault is declared present following operation of the windscreen wiper. Special notes: random operation of the wipers in intermittent speed position (time delay not respected).
	Special Note: See Wiring Diagrams Technical Note for Clio II F6 .

Check that the windscreen park position status **ET027 Windscreen park position** is **ACTIVE** each time the wiper blade arrives at the park position and then changes back to **INACTIVE**.

Check the connection and condition of the UCH connectors, component code **645**.
If the connector or 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, continuity** and the **absence of interference resistance** of the following connections:
14L between components **645** and **212**,
MQ between component **212** and **earth**.

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

Check the connection and condition of the windscreen wiper motor connector, component code **212**.
If the connector is faulty and there is a repair method (see **Technical Note 6015A, Repairing electrical wiring, Wiring: Precautions for repair**), repair the connector, otherwise replace the wiring.
Check the operation and fitting of the windscreen wiper motor.
The windscreen wiper motor may need to be replaced (see **MR 430 Mechanical, 85A, Wiping - Washing, Windscreen wiper motor: Removal - Refitting**).

If the fault is still present, contact the Techline.

AFTER REPAIR	Follow the instructions. Deal with any other faults. Clear the stored faults.
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WIPERS - WASHERS

Fault finding – Conformity check

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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.**

Function	Parameter or status checked or action	Display and notes	Fault finding
Wiper	ET027: Windscreen wiper park position	Active when the wiper control is in the intermittent position each time the wiper stops.	In the event of a fault, apply the interpretation of fault DF097 Windscreen wiper park position .
	ET097: Rear screen wiper park position	Active when the wiper control is in the intermittent position each time the wiper stops.	In the event of a fault, apply the interpretation of fault DF040 Rear screen wiper park position .
	ET547: Heated rear screen button	Pressed when the heated rear screen button is pressed.	In the event of a fault, contact the Techline.
	ET555: Rear screen wiper signal	Present when the rear screen wiper is working.	In the event of a fault, apply the interpretation of status ET555 .
	ET558: Windscreen wiper speed setting selection	Yes when the wiper control is in the intermittent position and the windscreen wiper motor is running.	In the event of a fault, apply the interpretation of status ET558 .

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Fault finding – Conformity check

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Function	Parameter or status checked or action	Display and notes	Fault finding
Wiper	AC007: Rear screen wiper	This command is for testing rear screen wiper operation.	In the event of a fault, contact the Techline.
	AC056: Low-speed wiper	This command is for testing rear screen wiper operation at low speed.	In the event of a fault, consult the interpretation of command AC056 .
Windscreen washer	ET492: Windscreen washer signal	Present when the windscreen washer is working.	In the event of a fault, apply the interpretation of status ET492 .
	ET557: Rear screen washer signal	Present when the rear screen washer is working.	In the event of a fault, apply the interpretation of status ET557 .
	AC060: Rear screen de-icer	The command is for testing rear screen de-icer operation.	In the event of a fault, contact Techline.

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Fault finding – Status summary table

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Tool status	Diagnostic tool title
ET027	Windscreen wiper park position
ET097	Rear screen wiper park position
ET492	Windscreen washer signal
ET547	Rear de-icing button
ET555	Rear screen wiper signal
ET557	Rear screen washer signal
ET558	Windscreen wiper speed setting selection

ET492	WINDSCREEN WASHER SIGNAL
NOTES	<p>There must be no present or stored faults. Switch on the ignition. Activate the windscreen washer control. The status should be PRESENT.</p>
	<p>Special Note: See Wiring Diagrams Technical Note for Clio II F6.</p>
"ABSENT"	<p>Check the presence and condition of fuse F21 in the passenger compartment fuse box, component code 1016 (see MR 430 Mechanical, 81C, Fuses, Fuses: List and location of components).</p>
	<p>Check the condition and connection of the combined wiper-washer connector, component code 145, and check the washer pump connector, component code 677 (bent, broken tabs, etc.). If the connector or 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.</p>
	<p>Check the condition and connection of the UCH connector, component code 645 (tabs bent, broken, etc.). If the connector is faulty and there is a repair method (see Technical Note 6015A, Repairing electrical wiring, Wiring: Precautions for repair), repair the connector, otherwise replace the wiring.</p>
	<p>Check the + 12 V after ignition feed on connection AP9 of the combined wiper-washer, component code 145. 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.</p>
AFTER REPAIR	<p>Carry out another fault finding check on the system. Deal with any other faults. Clear the stored faults.</p>

<p>ET492 CONTINUED</p>	
<p>"ABSENT"</p>	<p>Check the operation of the screen washer control. Check the continuity between connections: 2A and 16A of the windscreen washer pump, component code 677, AP9 and 16A of the combined windscreen wiper/washer, component code 145. If the connection or connections are faulty and if there is a repair method (see Technical Note 6015A, Electrical wiring repair, Wiring: Precautions for repair), repair the wiring, otherwise replace the wiring.</p> <p>Check the insulation, continuity and the absence of interference resistance on the following connections:</p> <ul style="list-style-type: none"> • 16A between components 677 and 145, • 16A between components 145 and 645, • 24A between components 677 and 145, • 24A between components 145 and 645. <p>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.</p> <p>If the fault is still present, contact the techline.</p>
<p>AFTER REPAIR</p>	<p>Carry out another fault finding check on the system. Deal with any other faults. Clear the stored faults.</p>

ET555	REAR SCREEN WIPER SIGNAL
NOTES	<p>There must be no present or stored faults. Switch on the ignition. Activate the windscreen washer control. The status should be PRESENT.</p>
	<p>Special Note: See Wiring Diagrams Technical Note for Clio II F6.</p>
"ABSENT"	<p>Check the presence and condition of fuse F21 in the passenger compartment fuse box, component code 1016 (see MR 430 Mechanical, 81C, Fuses, Fuses: List and location of components).</p>
	<p>Check the connection and condition of the combined wiper-washer connector, component code 145 and check the rear screen wiper motor connector, component code 211. 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.</p>
	<p>Check the operation of the wiper control. Check the continuity between connections 36G and AP9 of the wiper control in the intermittent speed position. 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 the wiring.</p>
AFTER REPAIR	<p>Carry out another fault finding check on the system. Deal with any other faults. Clear the stored faults.</p>

<p>ET555 CONTINUED</p>	
<p>"ABSENT" (CONTINUED)</p>	<p>Check the continuity and insulation of the following connections:</p> <ul style="list-style-type: none"> • AP9 between components 1016 and 145, • 36G between components 211 and 1041. <p>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.</p> <p>If the fault is still present, contact the techline.</p>
<p>AFTER REPAIR</p>	<p>Carry out another fault finding check on the system. Deal with any other faults. Clear the stored faults.</p>

ET557	REAR SCREEN WASHER SIGNAL
NOTES	<p>There must be no present or stored faults. Switch on the ignition. Activate the rear screen washer control. The status should be PRESENT.</p>
	<p>Special Note: See Wiring Diagrams Technical Note for Clio II F6.</p>
"ABSENT"	<p>Check the presence and condition of fuse F21 in the passenger compartment fuse box, component code 1016 (see MR 430 Mechanical, 81C, Fuses, Fuses: List and location of components).</p>
	<p>Check the condition and connection of the combined wiper-washer connector, component code 145, and check the bi-directional washer pump connector, component code 677 (tabs bent, broken, etc.). If the connector or connectors are faulty and there is a repair procedure (see Technical Note 6015A, Electrical wiring repair, Wiring: Precautions for repair), repair the connector, otherwise replace the wiring.</p>
	<p>Check the condition and connection of the UCH connector, component code 645 (tabs bent, broken, etc.). If the connector is faulty and there is a repair method (see Technical Note 6015A, Repairing electrical wiring, Wiring: Precautions for repair), repair the connector, otherwise replace the wiring.</p>
AFTER REPAIR	<p>Carry out another fault finding check on the system. Deal with any other faults. Clear the stored faults.</p>

<p>ET557 CONTINUED</p>	
<p>"ABSENT" (CONTINUED)</p>	<p>Check for an earth on the following connection:</p> <ul style="list-style-type: none"> • M of component 145. <p>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 the wiring.</p> <p>Check the continuity between connections M and 24A of the rear screen washer control.</p> <p>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.</p> <p>Check the insulation, continuity and the absence of interference resistance on the following connection:</p> <ul style="list-style-type: none"> • 24A between components 677 and 145. <p>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.</p> <p>If the fault is still present, contact the techline.</p>
<p>AFTER REPAIR</p>	<p>Carry out another fault finding check on the system. Deal with any other faults. Clear the stored faults.</p>

ET558	WINDSCREEN WIPER SPEED SETTING SELECTION
NOTES	<p>Prioritise the other present or stored faults.</p> <p>If the low speed control does not work, first consult ALP 4 The windscreen wiper does not work at low speed (see Fault finding charts).</p> <p>Switch on the ignition.</p> <p>Put the wiper stalk in the intermittent wipe position.</p> <p>The status must be "YES" and the screen wiper motor running intermittently.</p>
	<p>Special Note:</p> <p>See Wiring Diagrams Technical Note for Clio II F6.</p>
ET558 "NO"	<p>Check the presence and condition of fuse F7 in the passenger compartment fuse box, component code 1016 (see MR 430 Mechanical, 81C, Fuses, Fuses: List and location of components).</p>
	<p>Check the connection and condition of the combined wiper-washer connector, component code 145 and check the UCH connector, component code 645.</p> <p>If the connector or 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.</p>
	<p>Check the operation of the wiper control.</p> <p>Check the continuity between connections 14D and AP7 of the screen wiper control in the intermittent speed position.</p> <p>If the connection or connections are faulty and if there is a repair method (see Technical Note 6015A, Electrical wiring repair, Wiring: Precautions for repair), repair the wiring, otherwise replace the wiring.</p>
	<p>Check the continuity and the insulation of the following connections:</p> <ul style="list-style-type: none"> • 14D between components 645 and 145, • AP7 between components 145 and 1016. <p>If the connection or connections are faulty and if there is a repair method (see Technical Note 6015A, Electrical wiring repair, Wiring: Precautions for repair), repair the wiring, otherwise replace the wiring.</p>
	<p>If the fault is still present, contact the techline.</p>
AFTER REPAIR	<p>Carry out another fault finding check on the system.</p> <p>Deal with any other faults.</p> <p>Clear the stored faults.</p>

ET558 CONTINUED

ET558 "YES"

If the status is **YES**, and that the windscreen wiper motor does **not turn intermittently**, check the connection and condition of the combined wiper-washer connector, component code **145**, UCH connector, component code **645** and the windscreen wiper motor connector, component code **212**.

If the connector or 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 operation of the wiper control.
Check the **continuity** between connections **14E** and **14A** of the screen wiper control in the intermittent speed position.

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

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

- **14E** between components **645** and **145**,
- **14A** between components **145** and **212**,
- **MQ** between **earth** and component **212**.

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

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 command	Diagnostic tool title	Comments
AC007	Rear screen wiper	See interpretation of the command.
AC056	Low-speed wiper	See interpretation of the command.
AC060	Rear screen de-icer	See interpretation of the command.

AC007	<u>REAR SCREEN WIPER</u>
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NOTES	<p>This command activates the rear screen wiper. There must be no present or stored faults. Switch on the ignition. Activate the rear screen wiper control.</p>
	<p>Special Note: See Wiring Diagrams Technical Note for Clio II F6.</p>

Check the presence and condition of fuse **F21** in the passenger compartment fuse box, component code **1016** (see **MR 430 Mechanical, 81C, Fuses, Fuses: List and location of components**).

Check the connection and condition of the connector of the rear screen wiper motor, component code **211**, and the combined wiper-washer, component code **145**.
If the connector or connectors are faulty and there is a repair procedure (see **Technical Note 6015A, Electrical wiring repair, Wiring: Precautions for repair**), repair the connector, otherwise replace the wiring.

Check the **+ 12 V after ignition supply** on connection **AP9** of the combined wiper-washer, component code **145** (see **Technical Note 6015A, Electrical wiring repair, Wiring: Precautions for repair**) and repair the wiring; otherwise replace the wiring.

AFTER REPAIR	Carry out a road test and then a check using the diagnostic tool .
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AC007 CONTINUED

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

- **AP9** between components **1041** and **1016**,
- **M** between component **211** and **earth**,
- **36G** between components **1041** and **211**.

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 condition and operation of the rear screen wiper motor.

If the fault is still present, contact the techline.

AFTER REPAIR

Carry out a road test and then a check using the **diagnostic tool**.

AC056	<u>LOW SPEED WIPER</u>
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NOTES	This command activates the low speed wiper. There must be no present or stored faults. Switch on the ignition. Activate the low speed wiper command.
	Special Note: See Wiring Diagrams Technical Note for Clio II F6 .

Check the presence and condition of fuse F7 in the passenger compartment fuse box, component code 1016 (see MR 430 Mechanical, 81C, Fuses, Fuses: List and location of components).
Check the connection and condition of the windscreen wiper connector, component code 212 and the combined wiper-washer connector, component code 145 . If the connector or connectors are faulty and there is a repair procedure (see Technical Note 6015A, Electrical wiring repair, Wiring: Precautions for repair), repair the connector, otherwise replace the wiring.
Check the + 12 V after ignition feed on connection AP7 of the combined screen wiper-washer, component code 145 . 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 connections: <ul style="list-style-type: none">• 14A between components 145 and 212,• MQ between component 212 and earth. If the connection or connections are faulty and if there is a repair method (see Technical Note 6015A, Electrical wiring repair, Wiring: Precautions for repair), repair the wiring, otherwise replace the wiring.
Check that the wiper mechanism or motor are not jammed.
If the fault is still present, contact the techline.

AFTER REPAIR	Carry out a road test and then a check using the diagnostic tool .
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WIPERS - WASHERS

Fault finding – Customer complaints

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NOTES

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

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The windscreen wiper does not work at low speed

—————→ ALP 4

The windscreen wiper does not work at high speed

—————→ ALP 5

WIPERS - WASHERS

Fault finding – Fault Finding Chart

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ALP 4	The windscreen wiper does not work at low speed
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NOTES	<p>Only consult this customer complaint after a complete check with the diagnostic tool. There must be no present or stored faults.</p>
	<p>Special Note: See Wiring Diagrams Technical Note for Clio II F6.</p>

<p>Check the presence and condition of fuse F7 in the passenger compartment fuse box, component code 1016 (see MR 430 Mechanical, 81C, Fuses, Fuses: List and location of components).</p>
<p>Check the + 12 V after ignition feed on connection AP7 of the combined screen wiper-washer, component code 145. 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 the wiring.</p>
<p>Check the continuity and insulation of the following connections:</p> <ul style="list-style-type: none"> • 14A between components 145 and 212, • MQ between component 212 and earth. <p>If the connection or connections are faulty and if there is a repair procedure (see Technical Note 6015A, Electrical wiring repair, Wiring: Precautions for repair), repair the wiring, otherwise replace the wiring. Check that the motor operates correctly.</p>
<p>Check that the wiper mechanism or motor are not jammed.</p>
<p>If the fault is still present, contact the techline.</p>

AFTER REPAIR	<p>Carry out another fault finding check on the system. Deal with any other faults. Clear the stored faults.</p>
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WIPERS - WASHERS

Fault finding – Fault Finding Chart

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ALP 5	The windscreen wiper does not work at high speed
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NOTES	<p>Only consult this customer complaint after a complete check with the diagnostic tool. There must be no present or stored faults.</p>
	<p>Special Note: See Wiring Diagrams Technical Note for Clio II F6.</p>

<p>Check the presence and condition of fuse F7 in the passenger compartment fuse box, component code 1016 (see MR 430 Mechanical, 81C, Fuses, Fuses: List and location of components).</p>
<p>Check the + 12 V after ignition supply on connection AP7 of the stalk, component code 145. 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 the wiring.</p>
<p>Check the continuity and insulation of the following connections:</p> <ul style="list-style-type: none"> • 14B between components 145 and 212, • MQ between component 212 and earth. <p>If the connection or connections are faulty and if there is a repair procedure (see Technical Note 6015A, Electrical wiring repair, Wiring: Precautions for repair), repair the wiring, otherwise replace the wiring. Check that the motor operates correctly.</p>
<p>Check that the wiper mechanism or motor are not jammed.</p>
<p>If the fault is still present, contact the techline.</p>

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