

DATA LIST/ACTIVE TEST

1. DATA LIST

- Connect the intelligent tester II to the DLC3.
- Turn the ignition switch to the ON position and turn the intelligent tester II on.
- Operate the intelligent tester II according to the steps on the display and select "DATA LIST".

Multiplex tilt & telescopic ECU

Item	Measurement Item/ Range (Display)	Normal Condition	Diagnostic Note
T&T Autoaway Function	Auto away and return function/ON or OFF	ON: Auto away and return function is enabled OFF: Auto away and return function is disabled	–
Tilt Position	Current tilt position data/min.: 0000 H (0 edge), max.: FFFF H (65535 edge)	7000 – 9000 H (28672 – 36864 edge)	–
Telesco Position	Current telescopic position data/min.: 0000 H (0 edge), max.: FFFF H (65535 edge)	7000 – 9000 H (28672 – 36864 edge)	–
Tilt Return Position	Memorized tilt return position data/min.: 0000 H (0 edge), max.: FFFF H (65535 edge)	7000 – 9000 H (28672 – 36864 edge)	–
Telesco Return Position	Memorized telescopic return position data/min.: 0000 H (0 edge), max.: FFFF H (65535 edge)	7000 – 9000 H (28672 – 36864 edge)	–
T&T Mem1	Tilt & telescopic memory position 1/NOT MEM or MEM	NOT MEM: Position is not memorized MEM: Position is memorized	–
Tilt Memory Pos 1	Tilt data of memory position 1/min.: 0000 H (0 edge), max.: FFFF H (65535 edge)	7000 – 9000 H (28672 – 36864 edge)	–
Telesce Memory Pos 1	Telescopic data of memory position 1/min.: 0000 H (0 edge), max.: FFFF H (65535 edge)	7000 – 9000 H (28672 – 36864 edge)	–
T&T Mem2	Tilt & telescopic memory position 2/NOT MEM or MEM	NOT MEM: Position is not memorized MEM: Position is memorized	–
Tilt Memory Pos 2	Tilt data of memory position 2/min.: 0000 H (0 edge), max.: FFFF H (65535 edge)	7000 – 9000 H (28672 – 36864 edge)	–
Telesco Memory Pos 2	Telescopic data of memory position 2/min.: 0000 H (0 edge), max.: FFFF H (65535 edge)	7000 – 9000 H (28672 – 36864 edge)	–
T&T Mem3	Tilt & telescopic memory position 3/NOT MEM or MEM	NOT MEM: Position is not memorized MEM: Position is memorized	–
Tilt Memory Pos 3	Tilt data of memory position 3/min.: 0000 H (0 edge), max.: FFFF H (65535 edge)	7000 – 9000 H (28672 – 36864 edge)	–
Telesco Memory Pos 3	Telescopic data of memory position 3/min.: 0000 H (0 edge), max.: FFFF H (65535 edge)	7000 – 9000 H (28672 – 36864 edge)	–
Tilt Up Limit	Uppermost tilt position/NOT MEM or MEM	NOT MEM: Position is not memorized MEM: Position is memorized	–
Tilt Up Limit Position	Uppermost tilt position data/min.: 0000 H (0 edge), max.: FFFF H (65535 edge)	7000 – 9000 H (28672 – 36864 edge)	–

Item	Measurement Item/ Range (Display)	Normal Condition	Diagnostic Note
Tilt Down Limit Pos	Lowermost tilt position/NOT MEM or MEM	NOT MEM: Position is not memorized MEM: Position is memorized	–
Tilt Down Limit Position	Lowermost tilt position data/min.: 0000 H (0 edge), max.: FFFF H (65535 edge)	7000 – 9000 H (28672 – 36864 edge)	–
Telesco Short Limit	Shortest telescopic position/NOT MEM or MEM	NOT MEM: Position is not memorized MEM: Position is memorized	–
Telesco Short Limit Pos	Shortest telescopic position data/min.: 0000 H (0 edge), max.: FFFF H (65535 edge)	7000 – 9000 H (28672 – 36864 edge)	–
Telesco Long Limit	Longest telescopic position/NOT MEM or MEM	NOT MEM: Position is not memorized MEM: Position is memorized	–
Telesco Long Limit Pos	Longest telescopic position data/min.: 0000 H (0 edge), max.: FFFF H (65535 edge)	7000 – 9000 H (28672 – 36864 edge)	–
Tilt Up SW(MPX)	Communication state of tilt up input by manual switch/ON or OFF	ON: Tilt up is activated by manual switch OFF: Tilt up is not activated by manual switch	–
Tilt Down SW(MPX)	Communication state of tilt down input by manual switch/ON or OFF	ON: Tilt down is activated by manual switch OFF: Tilt down is not activated by manual switch	–
Telesco Short SW(MPX)	Communication state of telescopic short input by manual switch/ON or OFF	ON: Telescopic short is activated by manual switch OFF: Telescopic short is not activated by manual switch	–
Telesco Long SW(MPX)	Communication state of telescopic long input by manual switch/ON or OFF	ON: Telescopic long is activated by manual switch OFF: Telescopic long is not activated by manual switch	–
Power Source Voltage	Voltage data of power supply/min.: 0 V, max.: 20 V	Actual power supply voltage 10 to 14 V	–
Freeze Speed Info	Vehicle speed data/0 km/h (0 mph), max.: 255 km/h (158 mph)	Available only for vehicles with freeze frame data	–
IG Switch (MPX)	Communication state of ignition switch/ON or OFF	ON: Communication is normal OFF: Communication is interrupted	–
IG Switch	Input state of ignition switch/ON or OFF	ON: Input signal is normal OFF: Input signal is interrupted	–
Key Switch/MPX	Communication state of un-lock warning switch/ON or OFF	ON: Communication is normal OFF: Communication is interrupted	–
Receive from Body	Communication state of body ECU signal/OK or Interruption	OK: Communication is normal Interruption: Communication is interrupted	–
Receive from Seat ECU	Communication state of seat ECU signal/OK or Interruption	OK: Communication is normal Interruption: Communication is interrupted	–

Item	Measurement Item/ Range (Display)	Normal Condition	Diagnostic Note
Receive from Combi	Communication state of turn signal switch assy (combination switch) signal/OK or Interruption	OK: Communication is normal Interruption: Communication is interrupted	–
Steering lock ECU	Communication state of steering lock ECU signal/OK or Interruption	OK: Communication is normal Interruption: Communication is interrupted	–

Turn signal switch assy (Combination switch ECU)

Item	Measurement Item/ Range (Display)	Normal Condition	Diagnostic Note
Telesco Short Switch	Telesco SHORT switch status/ OFF or ON	OFF: Telescopic short is not activated by manual switch ON: Telescopic short is activated by manual switch	–
Telesco Long Switch	Telesco LONG switch status/OFF or ON	OFF: Telescopic long is not activated by manual switch ON: Telescopic long is activated by manual switch	–
Tilt Down Switch	Tilt DOWN switch/OFF or ON	OFF: Tilt down is not activated by manual switch ON: Tilt down is activated by manual switch	–
Tilt Up Switch	Tilt UP switch/ OFF or ON	OFF: Tilt up is not activated by manual switch ON: Tilt up is activated by manual switch	–

2. ACTIVE TEST

- (a) Connect the intelligent tester II to the DLC3.
- (b) Turn the ignition switch to the ON position and turn the intelligent tester II on.
- (c) Following the display on the intelligent tester II, perform the "ACTIVE TEST".

Item	Vehicle Condition/Test Details	Diagnostic Note
Tilt Operation	Tilt operation/UP or DOWN	–
Telesco Operation	Telescopic operation/LONG or SHORT	–