

DATA LIST/ACTIVE TEST

1. DATA LIST

HINT:

Using the DATA LIST displayed on the intelligent tester II, you can read the values of the switches, sensors, actuators, etc. without removing any parts. Reading the DATA LIST as the first step in troubleshooting is one of the methods to shorten labor time.

- Connect the intelligent tester II to the DLC3.
- Turn the ignition switch to the ON position.
- According to the display on the tester, read the "DATA LIST".

BODY NO.3 (PASSENGER SIDE JUNCTION BLOCK ECU):

Item	Measurement Item/ Display (Range)	Normal Condition	Diagnostic Note
Wiper switch terminal (2S)	Wiper switch HI/ ON or OFF	ON: Wiper switch in HI position OFF: Wiper switch in except HI position	–
Variable motor position signal (*1)	Variable motor/RISE	RISE: Front wiper switch in raise-up position	–
MPX-IG SW	MPX-IG switch/ ON or OFF	ON: Ignition switch ON OFF: Ignition switch OFF	–
WIP SW	WIP switch/ ON or OFF	ON: Ignition switch ON (Power source of wiper system ON) OFF: Ignition switch OFF (Power source of wiper system OFF)	–
Angle Mode (*1)	Angle mode/ FULL or SEMI	FULL: Front wiper is in full mode SEMI: Front wiper is in semi mode	–
Speed Mode	Speed mode/ NOT AVL or AVAIL	Customized value can be displayed	–
Auto Wiper	Auto wiper/ NOT AVL or AVAIL	Customized value can be displayed	–
Rewipe Control	Rewipe control/ OFF or 3S or SPD	Customized value can be displayed	–

*1: Europe

BODY NO.5 (MULTIPLEX NETWORK FRONT LAMP ECU):

Item	Measurement Item/ Display (Range)	Normal Condition	Diagnostic Note
Washer Level Switch	Washer level switch/ ON or OFF	ON: Washer fluid is empty OFF: Washer fluid is full	–

COMBINATION SWITCH (TURN SIGNAL SWITCH):

Item	Measurement Item/ Display (Range)	Normal Condition	Diagnostic Note
Front Washer Switch	Front washer switch/ ON or OFF	ON: Front washer switch ON OFF: Front washer switch OFF	–
Front Wiper Mist Switch	Front wiper MIST Switch/ ON or OFF	ON: Front wiper switch in MIST position OFF: Front wiper switch in except MIST position	–
Front Wiper Auto Switch	Front wiper AUTO switch/ ON or OFF	ON: Front wiper switch in AUTO position OFF: Front wiper switch in except AUTO position	–
Front Wiper Hi Switch	Front wiper HI switch/ ON or OFF	ON: Front wiper switch in HI position OFF: Front wiper switch in except HI position	–
Front Wiper Lo Switch	Front wiper LO switch/ ON or OFF	ON: Front wiper switch in LO position OFF: Front wiper switch in except LO position	–
Front Wiper Intermittent SW	Front wiper INT switch/ ON or OFF	ON: Front wiper switch in INT position OFF: Front wiper switch in except INT position	–
Ignition Switch Signal	IG switch signal/ ON or OFF	ON: Ignition switch ON OFF: Ignition switch OFF	–
Wiper Volume Position	Wiper volume position/ 10s or 15s or 20s	Customized value can be displayed	–

2. ACTIVE TEST

HINT:

Performing the ACTIVE TEST using the intelligent tester II allows the relays, VSV, actuators, etc. to operate without removing any parts. Performing the ACTIVE TEST as the first step of troubleshooting is one of the methods to shorten labor time. The DATA LIST can be displayed during the ACTIVE TEST.

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

BODY NO.3 (PASSENGER SIDE JUNCTION BLOCK ECU):

Item	Test Details	Diagnostic Note
Wiper Motor HI	Wiper motor HI operation ON/OFF	–
Wiper Motor LO	Wiper motor LO operation ON/OFF	–
Wiper Angle Control (*1)	Wiper angle control ON/OFF	–

*1: Europe

BODY NO.5 (MULTIPLEX NETWORK FRONT LAMP ECU):

Item	Test Details	Diagnostic Note
Washer Motor Operation	Washer motor operation ON/OFF	–