

## DATA LIST / ACTIVE TEST

### 1. DATA LIST

- (a) Connect the intelligent tester to DLC3.
- (b) Turn the ignition switch to the ON position.
- (c) Following the display on the intelligent tester, read the "DATA LIST".

Item	Measurement Item / Range (Display)	Normal Condition	Diagnostic Note
VEHICLE SPD	Vehicle speed reading / min.: 0 km/ (0 mph), max.: 255 km/h (158 mph)	Actual vehicle speed	Speed indicated on the combination meter
IG VOLTAGE	ECU power supply voltage / min.: 0 V, max.: 255 km/h (158 mph)	Actual ECU power supply voltage: 10 to 14 V	-
POWER VOLTAGE	+B power source voltage / min.: 0 V, max.: 25.5 V	Actual ECU power supply voltage: 10 to 14 V	-
ENGINE SPD	Cam position sensor reading / min.: 0 rpm, max.: 25,500 rpm	Actual engine speed	Speed indicated on the combination meter
HEIGHT SW DOWN	Height control switch (DOWN) / ON or OFF	ON: Height control switch while pressing "DOWN" button OFF: -	-
HEIGHT SW UP	Height control switch (UP) / ON or OFF	ON: Height control switch while pressing "UP" button OFF: -	-
HEIGHT SW HOLD	Height control OFF switch / ON or OFF	ON: Height control OFF switch pressing OFF: -	-
STOP LIGHT SW	Stop light switch / ON or OFF	ON: Brake pedal depressed OFF: Brake pedal released	-
ACCESS MODE SW	Access mode switch / ON or OFF	ON: Access mode switch pressing OFF: -	-
FR HEIGHT	Right front height control sensor reading / min.: -3276.7 mm (-129.004 in.), max.: 3276.8 (129.007 in.)	Min.: -80 mm (-3.15 in.) Max.:80 mm (3.15 in.)	-
FL HEIGHT	Left front height control sensor reading / min.: -3276.7 mm (-129.004 in.), max.: 3276.8 (129.007 in.)	Min.: -80 mm (-3.15 in.) Max.:80 mm (3.15 in.)	-
RR HEIGHT	Right rear height control sensor reading / min.: -3276.7 mm (-129.004 in.), max.: 3276.8 (129.007 in.)	Min.: -80 mm (-3.15 in.) Max.:80 mm (3.15 in.)	-
RL HEIGHT	Left rear height control sensor reading / min.: -3276.7 mm (-129.004 in.), max.: 3276.8 (129.007 in.)	Min.: -80 mm (-3.15 in.) Max.:80 mm (3.15 in.)	-
FR ADJUST	Right front height control adjust reading / min.: -3276.7 mm (-129.004 in.), max.: 3276.8 (129.007 in.)	Actual height control adjust valve	-
FL ADJUST	Left front height control adjust reading / min.: -3276.7 mm (-129.004 in.), max.: 3276.8 (129.007 in.)	Actual height control adjust valve	-
RR ADJUST	Right rear height control adjust reading / min.: -3276.7 mm (-129.004 in.), max.: 3276.8 (129.007 in.)	Actual height control adjust valve	-

Item	Measurement Item / Range (Display)	Normal Condition	Diagnostic Note
RL ADJUST	Left rear height control adjust reading / min.: -3276.7 mm (-129.004 in.), max.: 3276.8 (129.007 in.)	Actual height control adjust valve	-
FR AFTER ADJUST	Right front height control after adjust reading / min.: -3276.7 mm (-129.004 in.), max.: 3276.8 (129.007 in.)	Min.: -10 mm (-0.39 in.) Max.: 10 mm (0.39 in.)	-
FL AFTER ADJUST	Left front height control after adjust reading / min.: -3276.7 mm (-129.004 in.), max.: 3276.8 (129.007 in.)	Min.: -10 mm (-0.39 in.) Max.: 10 mm (0.39 in.)	-
RR AFTER ADJUST	Right rear height control after adjust reading / min.: -3276.7 mm (-129.004 in.), max.: 3276.8 (129.007 in.)	Min.: -10 mm (-0.39 in.) Max.: 10 mm (0.39 in.)	-
RL AFTER ADJUST	Left rear height control after adjust reading / min.: -3276.7 mm (-129.004 in.), max.: 3276.8 (129.007 in.)	Min.: -10 mm (-0.39 in.) Max.: 10 mm (0.39 in.)	-
RL SOL	Left rear solenoid valve / ON or OFF	ON or OFF	-
RR SOL	Right rear solenoid valve / ON or OFF	ON or OFF	-
FL SOL	Left front solenoid valve / ON or OFF	ON or OFF	-
FR SOL	Right front solenoid valve / ON or OFF	ON or OFF	-
EXHAUST SOL	Exhaust solenoid valve / ON or OFF	ON or OFF	-
MOD2	Mode 2 / ON or OFF	2WD: ON or OFF 4WD: ON	-
MOTOR RELAY	AIR SUS relay / ON or OFF	ON: Compressor operated OFF: Compressor not operated	-
MAIN RELAY	Main relay expectation / ON or OFF	ON	-
RR WHEEL SPD	Right rear wheel speed reading / min.: 0 km/h (0 mph), max.: 255 km/h (158 mph)	Actual right rear wheel speed	Speed indicated on the combination meter
RL WHEEL SPD	Left rear wheel speed reading / min.: 0 km/h (0 mph), max.: 255 km/h (158 mph)	Actual left wheel speed	Speed indicated on the combination meter
LOW PRS TNK SOL	Tank solenoid valve / ON or OFF	ON or OFF	-
#CODES	Number of DTC recorded / min.: 0, max.: 255	Min.: 0, Max.: -	-

## 2. ACTIVE TEST

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

Item	Vehicle Condition / Test Details	Diagnostic Note
FR UP & DOWN	Right front / UP or DOWN	-
FL UP & DOWN	Left front / UP or DOWN	-
RR UP & DOWN	Right rear / UP or DOWN	-
RL UP & DOWN	Left rear / UP or DOWN	-
FR SOL	Turn OFF right front solenoid valve one second after turning it ON	Operation of solenoid (clicking sound) can be heard

Item	Vehicle Condition / Test Details	Diagnostic Note
FL SOL	Turn OFF left front solenoid valve one second after turning it ON	Operation of solenoid (clicking sound) can be heard
RR SOL	Turn OFF right rear solenoid valve one second after turning it ON	Operation of solenoid (clicking sound) can be heard
RL SOL	Turn OFF left rear solenoid valve one second after turning it ON	Operation of solenoid (clicking sound) can be heard
MOTOR RELAY	AIR SUS relay / ON or OFF	Operation of solenoid (clicking sound) can be heard
LOW PRS TNK SOL	Turn tank solenoid valve / ON or OFF	Operation of solenoid (clicking sound) can be heard