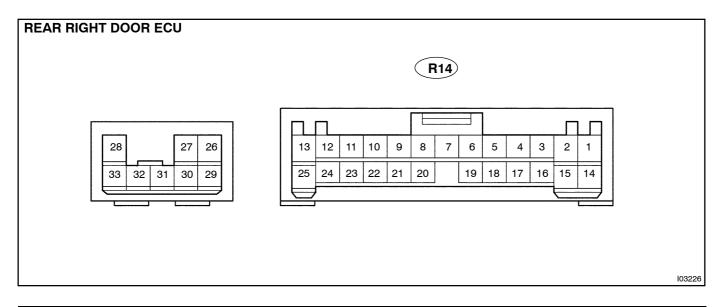
## **TERMINALS OF ECU**

DI2FR-08



Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)	
CPUB ↔ GND *1(R14-15 ↔ R14-25) *2(R14-4 ↔ R14-15)	G-W ↔ W-B	Constant	10 – 14 V	
BDR ↔ GND *1(R14-14 ↔ R14-25) *2(R14-2 ↔ R14-15)	L-R ↔ W-B	Constant	10 – 14 V	
SIG ↔ GND *1(R14-9 ↔ R14-25) *2(R14-8 ↔ R14-15)	B-R ↔ W-B	Constant		10 – 14 V
CTYB ↔ GND *1(R14-2 ↔ R14-25) *2(R14-3 ↔ R14-15)	L-W ↔ W-B	Constant		10 – 14 V
GND ↔ Body Ground *1(R14–25 ↔ Body Ground) *2(R14–15 ↔ Body Ground)	W-B ↔ Body Ground	Constant		Below 1 V
CTY ↔ GND	R-Y ↔ W-B	Rear right door closed.		10 – 14 V
*¹(R14-8 ↔ R14-25) *²(R14-18 ↔ R14-15)		Rear right door opened.		Below 1 V
CYL ↔ GND *1(R14-7 ↔ R14-25) *2(R14-5 ↔ R14-15)	R-W ↔ W-B	Constant		10 – 14 V
AUTO ↔ GND		Auto down switch position is OFF.		Below 1 V
* <sup>1</sup> (R14-22 ↔ R14-25) * <sup>2</sup> (R14-17 ↔ R14-15)	L-R ↔ W-B	Ignition switch position is ON. Auto down switch position is ON.		10 – 14 V
MUP ↔ GND *1(R14-24 ↔ R14-25)* <sup>2</sup> (R14-10 ↔ R14-15)	L-W ↔ W-B	Ignition switch position is ON. Power window switch position	OFF	Below 1 V
			UP	10 – 14 V
MDN ↔ GND *1(R14-23 ↔ R14-25) *2(R14-23 ↔ R14-15)	L-B ↔ W-B	Ignition switch position is ON. Power window switch position	OFF	Below 1 V
			Down	10 – 14 V
UP ↔ GND	R ↔ W-B	Power window (FrRH) is not operating.		Below 1 V
(R14-28 ↔ R14-25)		Power window (FrRH) is operating upward.		10 – 14 V

LEXUS GS300/GS430 SUP (RM786E)

## **DIAGNOSTICS** - REAR RIGHT DOOR CONTROL SYSTEM

Symbols (Terminals No.)	Wiring Color	Condition		STD Voltage (V)
DN ↔ GND		Power window (FrRH) is not operating.		Below 1 V
* <sup>1</sup> (R14-26 ↔ R14-25) * <sup>2</sup> (R14-26 ↔ R14-15)	G ↔ W-B	Power window (FrRH) is operating downward.		10 – 14 V
A+ ↔ GND *¹(R14-13 ↔ R14-25) *²(R14-1 ↔ R14-15)		Power door lock (FrRH) is not operating.		Below 1 V
	G-R ↔ W-B	Power door lock (FrRH) is operating to unlock.		
		Power door lock (FrRH) is operating to lock.		10 – 14 V
A- ↔ GND *1(R14-1 ↔ R14-25) *2(R14-14 ↔ R14-15)		Power door lock (FrRH) is not operating.		Below 1 V
	G-B ↔ W-B	Power door lock (FrRH) is operating to lock.		
		Power door lock (FrRH) is operating to unlock.		10 – 14 V
LMT ↔ GND *1(R14-27 ↔ R14-25) *2(R14-27 ↔ R14-15)	D.W. W. D	Window full-close position		10 – 14 V
	B-W ↔ W-B	Except window full-close position		Below 1 V
PLS ↔ GND		During the power window is operation.		Pulse Generation
* <sup>1</sup> (R14-32 ↔ R14-25) * <sup>2</sup> (R14-32 ↔ R14-15)	Y-B ↔ W-B	Power window is not operated.	SW ON	Below 1 V
			SW OFF	10 – 14 V
PCTI ↔ GND *1(R14-11 ↔ R14-25) *2(R14-20 ↔ R14-15)		Window lock switch position*	UNLOCK	Below 1 V
	Y ↔ W-B		LOCK	10 –14 V
PCTO ↔ GND *1(R14-10 ↔ R14-25) *2(R14-10 ↔ R14-15)		Window lock switch position*	UNLOCK	Below 1 V
	Y-R ↔ W-B		LOCK	10 – 14 V
*2 A1+ ↔ GND (R14–13 ↔ R14–15)		Rear RH door double lock is not operating.		Below 1 V
	G-R ↔ W-B	Rear RH door double lock is not operating to set		10 – 14 V
		Rear RH door double lock is not operating to unset		Below 1V
*2 A1- ↔ GND (R14-25 ↔ R14-15)		Rear RH door double lock is not operating		Below 1 V
	G-B ↔ W-B	Rear RH door double lock is not operating to set		Below 1V
		Rear RH door double lock is not operating to unset		10 – 14 V
*2 DBLS ↔ LSWE (R14–9 ↔ R14–24)		Rear RH door double lock is set		Below 1 V
	W ↔ BR-B	Rear RH door double lock is unset		10 – 14 V
MPX1 *1(R14-6) *2(R14-5)		Multiplex communication circuit		-
MPX2 *1(R14-7) *2(R14-4)		Multiplex communication circuit		-

\*: Power window master switch

(\*1): w/o double locking (\*2): w/ double locking