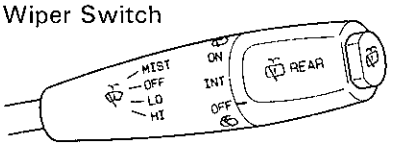
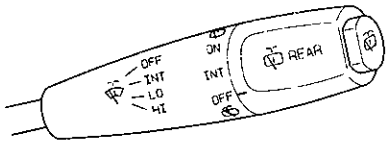
Reference: LHD Vehicles

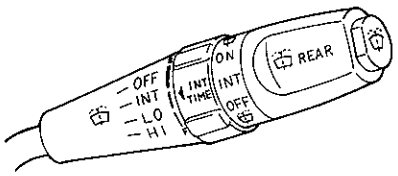
Mist Wiper Switch



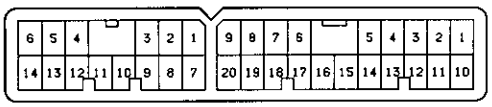
Intermittent Wiper Switch
(w/o Interval Adjuster)



(Wiper with Intermitten and time adjuster)



Connector "A" Connector "B"



Reference: For RHD vehicles, the switches are always symmetrically opposite to those of LHD vehicles.

BE4177
BE4178
N03146
V-34-2

WIPER AND WASHER SYSTEM

Parts Inspection

Wiper System

1. INSPECT SWITCHES

(Front Wiper and Washer Switch/Continuity)

(Mist Wiper)

Terminal (Color) / Switch Position		B4 (L-R)	B7 (L-B)	B8 (L)	B13 (L-O)	B16 (B)	B18 (L-W)
Wiper	OFF		○				○
	MIST	○	○				
	LO		○				○
	HI				○		○
Washer	OFF						
	ON			○		○	

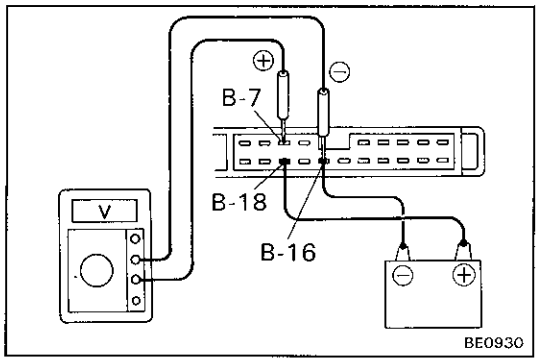
(Intermittent Wiper)

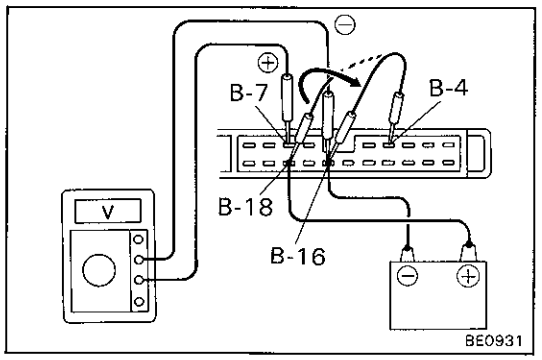
Terminal (Color) / Switch position		B4 (L-R)	B7 (L-B)	B8 (L)	B12 (Y-B)	13 (L-O)	B16 (B)	B18 (L-W)
Wiper	OFF	○	○					
	INT	○	○					
	LO		○					○
	HI					○		○
Washer	OFF							
	ON			○			○	

(Rear Wiper and Washer Switch/Continuity)

Terminal (Color) / Switch position		B1 (G)	B2 (V)	B10 (O)	B16 (B)
Washer	ON		○		○
Wiper	OFF				
	INT			○	○
	ON	○			○
Washer	ON	○	○		○

If continuity is not as specified, replace the switch.





2. INSPECT FRONT WIPER RELAY

(Intermittent wiper: Front)
(Operation at Intermittent)

(a) Turn the wiper switch to INT position.

(b) (Variable Type)
Turn the intermittent time control switch to FAST position.

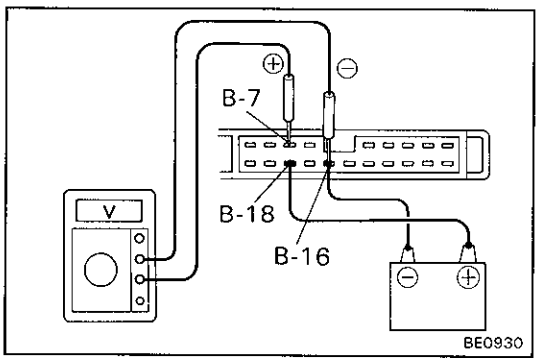
(c) Connect the positive (+) lead from the battery to terminal B-18 and the negative (—) lead to terminal B-16.

(d) Connect the positive (+) lead from the voltmeter to terminal B-7 and the negative (—) lead to terminal B-16, check that the meter needle indicates battery voltage.

(e) After connecting terminal B-4 to terminal B-18, connect to terminal B-16.
Then, check that the voltage rises from 0 volts to battery voltage within the times as shown in the table.

INT time control switch position	Voltage
FAST	1.6 ± 1 sec. — Battery voltage / 0 volts
SLOW	10.7 ± 5 sec. — Battery voltage / 0 volts
Non variable type	3.3 ± 1 sec. — Battery voltage / 0 volts

If operation is not as specified, replace the switch.

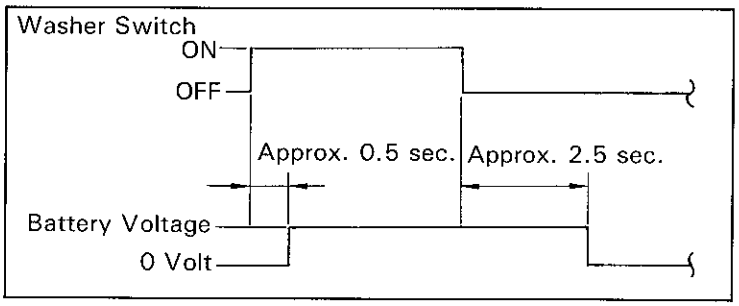


(Operation at Washer Linked)

(a) Connect the positive (+) lead from the battery to terminal B 18 and the negative (—) lead to terminal B16.

(b) Connect the positive (+) lead from the voltmeter to terminal B7 and the negative (—) lead to terminal B16.

(c) Push in the washer switch. Check that the voltage changes as shown in the table.



If operation is not as specified, replace the switch.