

2008 ACCESSORIES & BODY, CAB

Cruise Control System (MZI-3.7) - Mazda CX-9

CRUISE CONTROL SWITCH INSPECTION [MZI-3.7]

1. Disconnect the negative battery cable.
2. Remove the driver-side air bag module. (See **DRIVER-SIDE AIR BAG MODULE REMOVAL/INSTALLATION** .)
3. Disconnect the cruise control switch connector.
4. Inspect for resistance and continuity between the cruise control switch terminals using an ohmmeter.
 - If not as specified, replace the cruise control switch.

○—○: Continuity ○—R—○: Resistance ○—|—○: Diode

Switch position	Terminal			
	B	C	D	E
Cruise OFF switch held at on	○—○		○— —○	
CANCEL switch held at on	○—R ₁ —○		○— —○	
SET(-) switch held at on	○—R ₂ —○		○— —○	
SET(+) switch held at on	○—R ₃ —○		○— —○	
RESUME switch held at on	○—R ₄ —○		○— —○	
Cruise ON switch held at on	○—R ₅ —○		○— —○	
Neutral	○—R ₆ —○		○— —○	

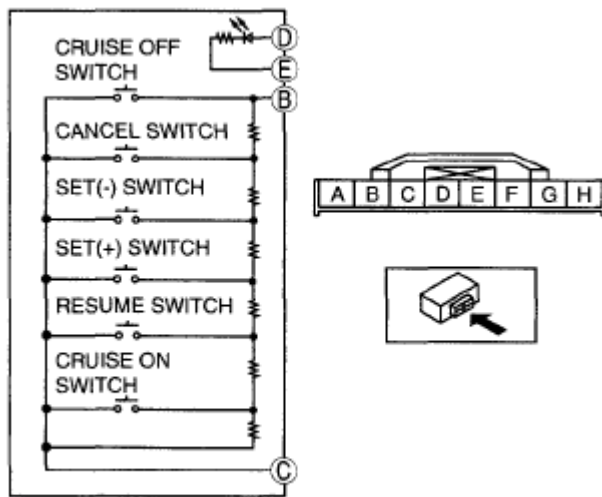
R₁: 117.6—122.4 ohms R₂: 294.0—306.0 ohms
 R₃: 588.0—612.0 ohms R₄: 1087.8—1132.2 ohms
 R₅: 2067.8—2152.2 ohms R₆: 4223.8—4396.2 ohms

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Fig. 1: Switch Position Chart
 Courtesy of MAZDA MOTORS CORP.

2008 Mazda CX-9 Grand Touring

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Fig. 2: Checking Resistance And Continuity Between Cruise Control Switch Terminals With Ohmmeter
Courtesy of MAZDA MOTORS CORP.