

2007 ACCESSORIES & BODY, CAB

Cruise Control System (MZI-3.5) - CX-9

CRUISE CONTROL SWITCH INSPECTION [MZI-3.5]

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 ○—Ω—○: Resistance ○—▶—○: Diode

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

2007 Mazda CX-9 Grand Touring

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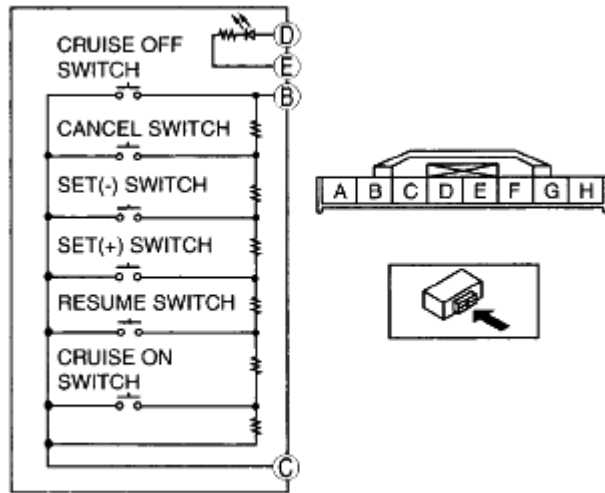


Fig. 2: Identifying Cruise Control Switch Connector Terminals