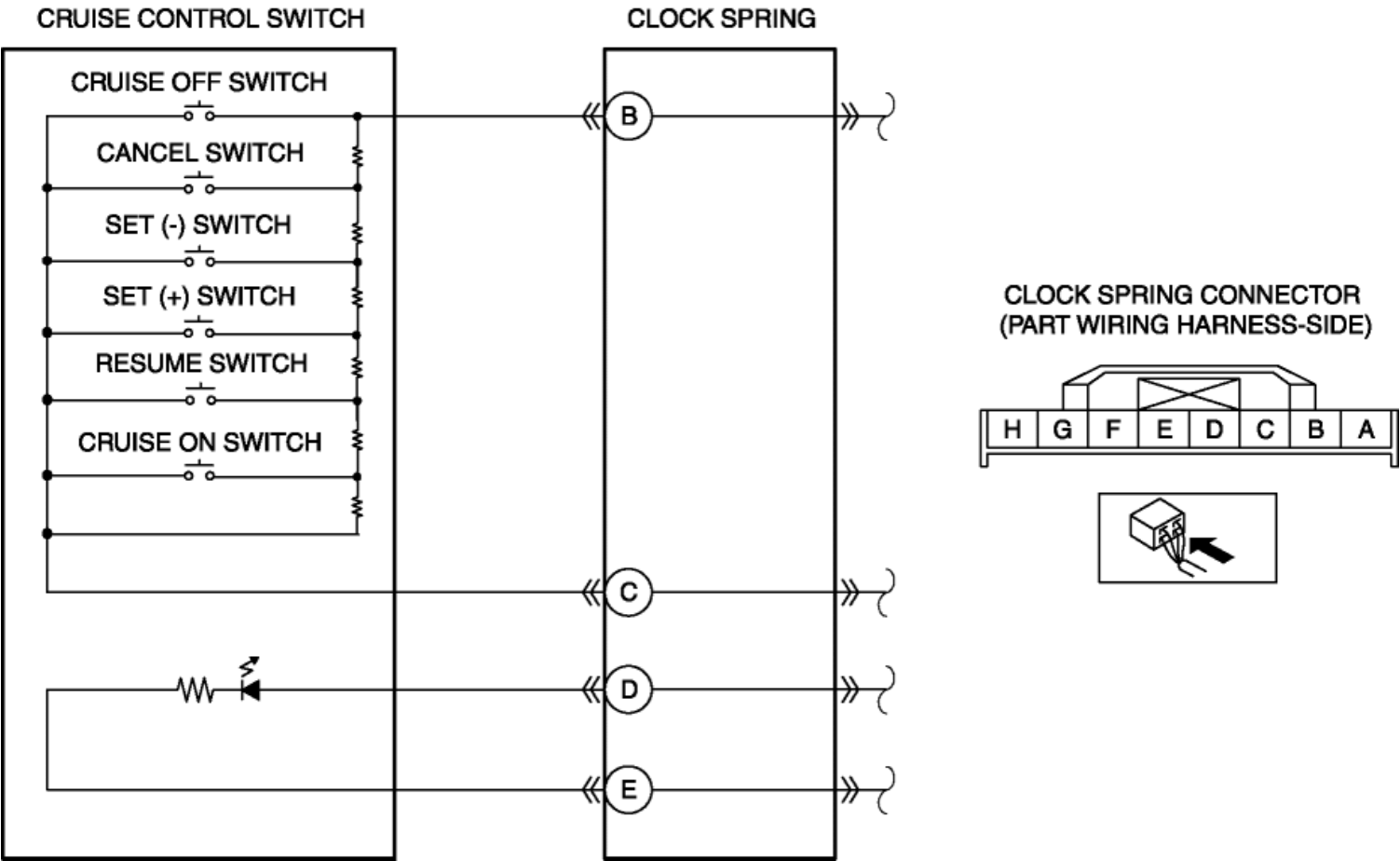


2012 - Mazda6 - Engine

CRUISE CONTROL SWITCH INSPECTION [MZI 3.7 V6]

- 1. Disconnect the negative battery cable and wait for 1 min or more. (See [BATTERY REMOVAL/ INSTALLATION \[MZI 3.7 V6\]](#).)
- 2. Remove the driver-side air bag module. (See [DRIVER-SIDE AIR BAG MODULE REMOVAL/ INSTALLATION](#).)
- 3. Disconnect the clock spring connector (part wiring harness-side). (See [STEERING SWITCH REMOVAL/ INSTALLATION](#).)
- 4. Inspect for resistance and continuity between clock spring (part wiring harness-side) terminals B—C using a tester.

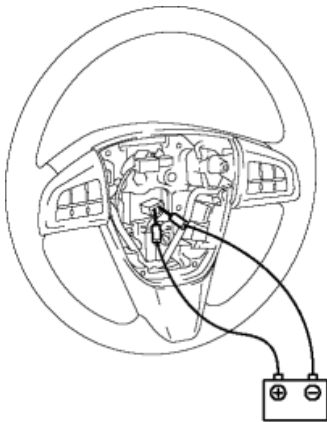


- If not as specified, replace the steering switch. (See [STEERING SWITCH REMOVAL/ INSTALLATION](#).)

Switch condition	Resistance (ohm)
Cruise OFF switch held at on	Continuity
CANCEL switch held at on	118.8—121.2
SET (–) switch held at on	297.0—303.0
SET (+) switch held at on	594.0—606.0
RESUME switch held at on	1,098.9—1,121.1

Cruise ON switch held at on	2,088.9—2,131.1
Neutral	4,266.9—4,353.1

5. Apply battery positive voltage to clock spring (part wiring harness-side) terminal D, and connect terminal E to ground.



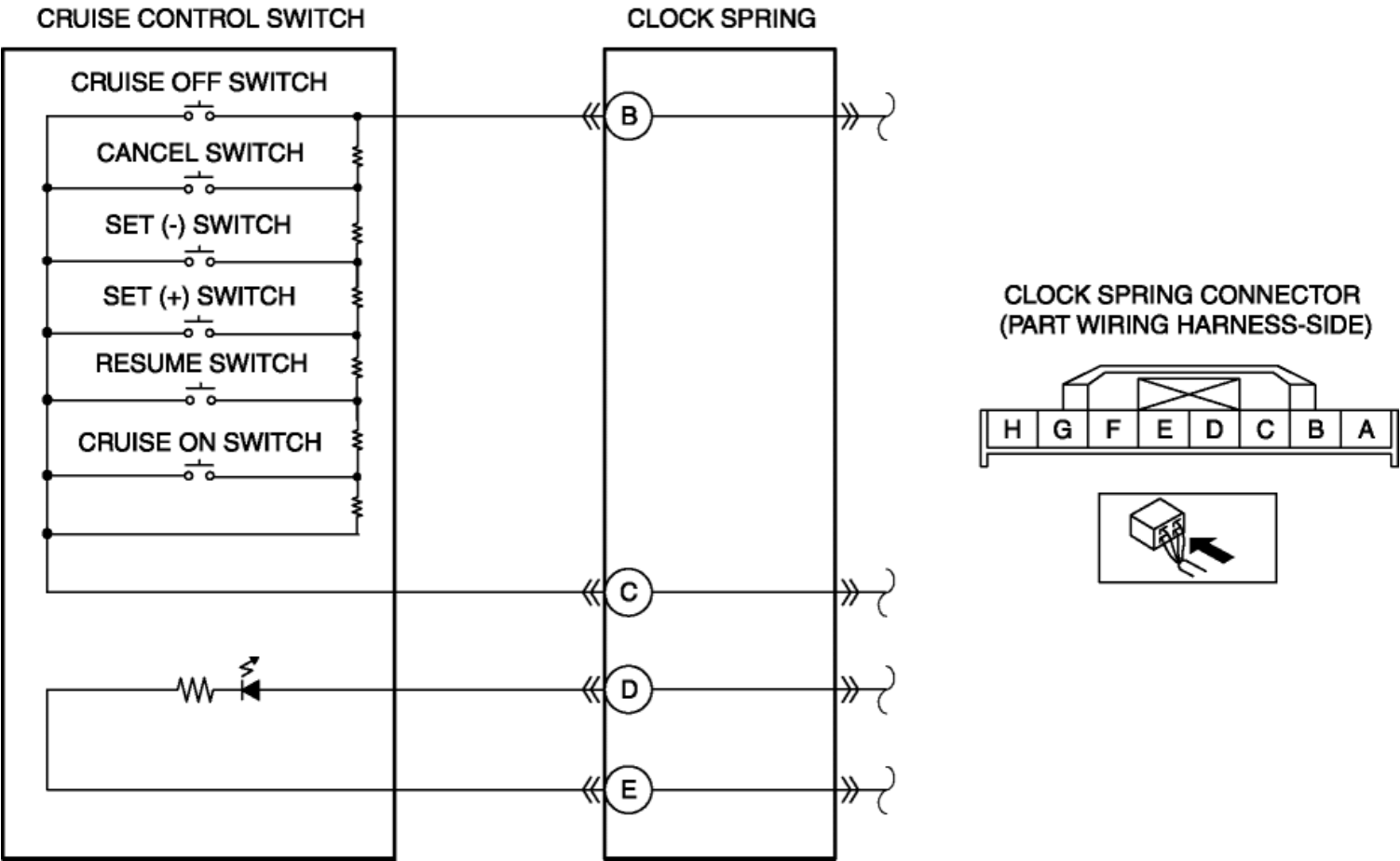
6. Verify that the LED illuminates.

- If the LED does not illuminate, replace the steering switch. (See [STEERING SWITCH REMOVAL/ INSTALLATION.](#))

2012 - Mazda6 - Engine

CRUISE CONTROL SWITCH INSPECTION [MZI 3.7 V6]

- 1. Disconnect the negative battery cable and wait for 1 min or more. (See [BATTERY REMOVAL/ INSTALLATION \[MZI 3.7 V6\]](#).)
- 2. Remove the driver-side air bag module. (See [DRIVER-SIDE AIR BAG MODULE REMOVAL/ INSTALLATION](#).)
- 3. Disconnect the clock spring connector (part wiring harness-side). (See [STEERING SWITCH REMOVAL/ INSTALLATION](#).)
- 4. Inspect for resistance and continuity between clock spring (part wiring harness-side) terminals B—C using a tester.

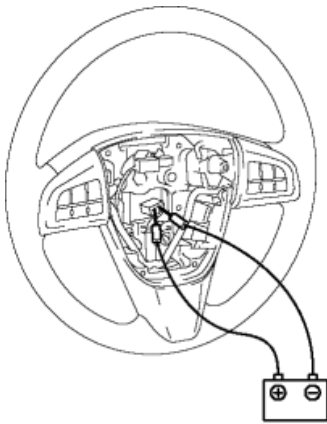


- If not as specified, replace the steering switch. (See [STEERING SWITCH REMOVAL/ INSTALLATION](#).)

Switch condition	Resistance (ohm)
Cruise OFF switch held at on	Continuity
CANCEL switch held at on	118.8—121.2
SET (–) switch held at on	297.0—303.0
SET (+) switch held at on	594.0—606.0
RESUME switch held at on	1,098.9—1,121.1

Cruise ON switch held at on	2,088.9—2,131.1
Neutral	4,266.9—4,353.1

5. Apply battery positive voltage to clock spring (part wiring harness-side) terminal D, and connect terminal E to ground.



6. Verify that the LED illuminates.

- If the LED does not illuminate, replace the steering switch. (See [STEERING SWITCH REMOVAL/ INSTALLATION.](#))