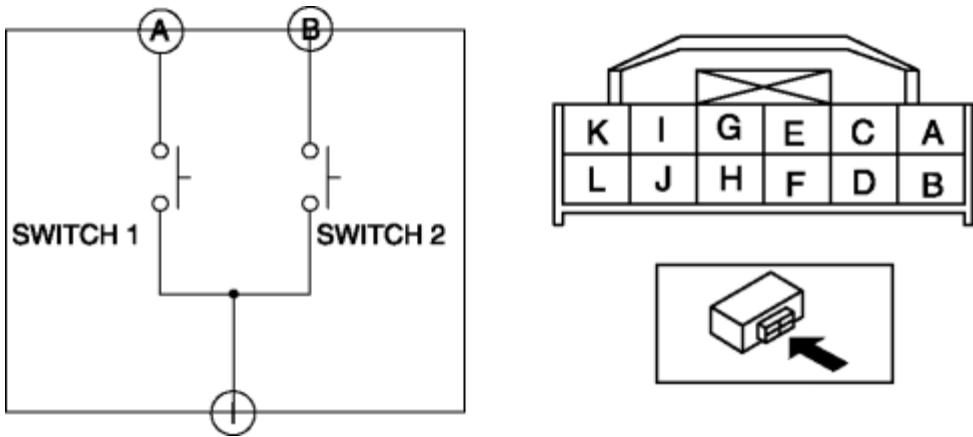


2012 - Mazda6 - Body and Accessories

PUSH BUTTON START INSPECTION [WITH ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM]

- 1. Disconnect the negative battery cable.
- 2. Remove the following parts:
  - a. Upper panel (See UPPER PANEL REMOVAL/ INSTALLATION.)
  - b. Decoration panel (See DECORATION PANEL REMOVAL/ INSTALLATION.)
  - c. Shift knob (MTX) (See MANUAL TRANSAXLE SHIFT MECHANISM REMOVAL/ INSTALLATION.)
  - d. Shift panel (See SHIFT PANEL REMOVAL/ INSTALLATION.)
  - e. Center panel lower (See CENTER PANEL LOWER REMOVAL/ INSTALLATION.)
  - f. Push button start (See PUSH BUTTON START REMOVAL/ INSTALLATION [WITH ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM] .)
- 3. Verify that the continuity is as indicated in the table.



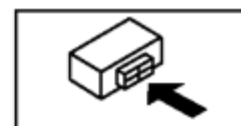
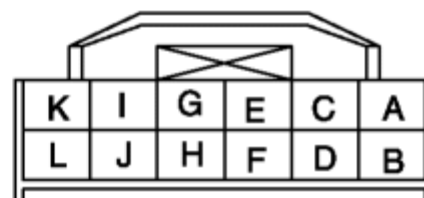
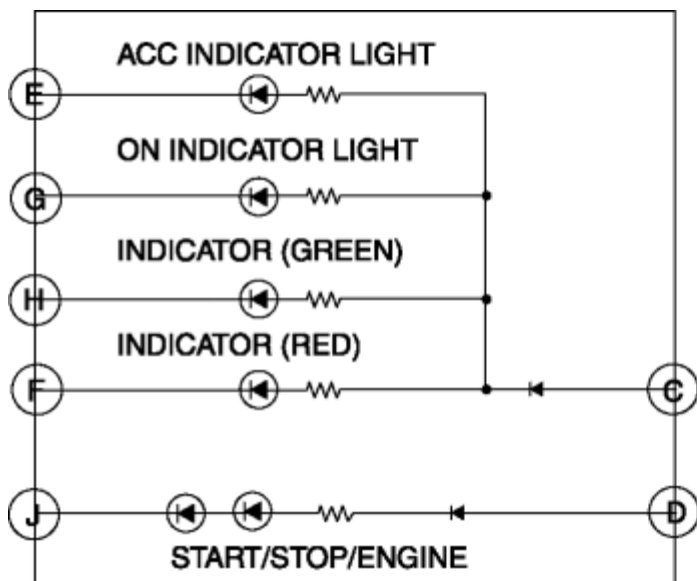
- If not as indicated in the table, replace the push button start.

○—○: Continuity

| Condition       | Terminal |     |     |
|-----------------|----------|-----|-----|
|                 | A        | B   | I   |
| Button pressed  | ○—○      | ○—○ | ○—○ |
| Button released |          |     |     |

- 4. Apply battery positive voltage and connect the ground to the push button start terminals and verify that the LED illuminates.
  - If the LEDs does not illuminate, replace the push button start.

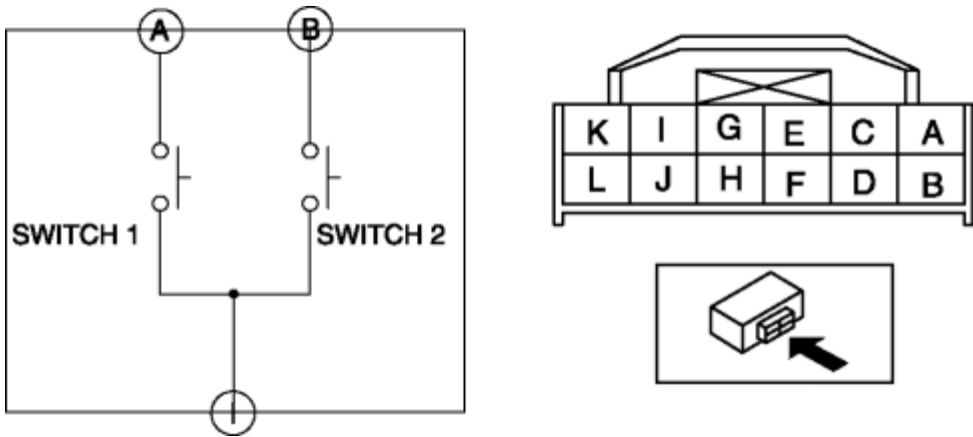
| Terminal |        | Illumination positions |
|----------|--------|------------------------|
| B+       | Ground |                        |
| C        | E      | ACC indicator light    |
| C        | G      | ON indicator light     |
| C        | H      | Indicator (Green)      |
| C        | F      | Indicator (Red)        |
| D        | J      | START/STOP/ENGINE      |



2012 - Mazda6 - Body and Accessories

PUSH BUTTON START INSPECTION [WITH ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM]

- 1. Disconnect the negative battery cable.
- 2. Remove the following parts:
  - a. Upper panel (See UPPER PANEL REMOVAL/ INSTALLATION.)
  - b. Decoration panel (See DECORATION PANEL REMOVAL/ INSTALLATION.)
  - c. Shift knob (MTX) (See MANUAL TRANSAXLE SHIFT MECHANISM REMOVAL/ INSTALLATION.)
  - d. Shift panel (See SHIFT PANEL REMOVAL/ INSTALLATION.)
  - e. Center panel lower (See CENTER PANEL LOWER REMOVAL/ INSTALLATION.)
  - f. Push button start (See PUSH BUTTON START REMOVAL/ INSTALLATION [WITH ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM] .)
- 3. Verify that the continuity is as indicated in the table.



- If not as indicated in the table, replace the push button start.

| Condition       | Terminal |       |       |
|-----------------|----------|-------|-------|
|                 | A        | B     | I     |
| Button pressed  | ○ — ○    | ○ — ○ | ○ — ○ |
| Button released |          |       |       |

- 4. Apply battery positive voltage and connect the ground to the push button start terminals and verify that the LED illuminates.

- If the LEDs does not illuminate, replace the push button start.

| Terminal |        | Illumination positions |
|----------|--------|------------------------|
| B+       | Ground |                        |
| C        | E      | ACC indicator light    |
| C        | G      | ON indicator light     |
| C        | H      | Indicator (Green)      |
| C        | F      | Indicator (Red)        |
| D        | J      | START/STOP/ENGINE      |

