

1. HEADLAMP DIMMER SWITCH ASSY
(a) Inspect light control switch continuity.
(1) Measure the resistance according to the value(s) in the table below.
Standard:

| Tester connection | Condition | Specified condition |
| :---: | :---: | :---: |
| $12-18$ | OFF |  |
| $12-19$ |  | $10 \mathrm{k} \Omega$ or higher |
| $12-20$ | TAIL | Below $1 \Omega$ |
| $12-18$ | HEAD | Below $1 \Omega$ |
| $12-18$ | AUTO | Below $1 \Omega$ |
| $12-20$ |  |  |

(b) Inspect headlight dimmer switch continuity.
(1) Measure the resistance according to the value(s) in the table below.
Standard:

| Tester connection | Condition | Specified condition |
| :---: | :---: | :---: |
| $11-12$ <br> $11-17$ | FLASH | Below $1 \Omega$ |
| $12-16$ | LOW BEAM | Below $1 \Omega$ |
| $11-12$ | HIGH BEAM | Below $1 \Omega$ |

(c) Inspect turn signal switch continuity.
(1) Measure the resistance according to the value(s) in the table below.
Standard:

| Tester connection | Condition | Specified condition |
| :---: | :---: | :---: |
| $12-13$ | Right turn | Below $1 \Omega$ |
| $12-13$ | Neutral | $10 \mathrm{k} \Omega$ or higher |
| $12-15$ | Left turn | Below $1 \Omega$ |
| $12-15$ |  |  |

(d) Inspect fog lamp switch continuity.
(1) measure the resistance according to the value(s) in the table below.
Standard:

| Tester connection | Condition | Specified condition |
| :---: | :---: | :---: |
| $3-4$ | OFF | $10 \mathrm{k} \Omega$ or higher |
| $3-4$ | Front fog lamp switch ON | Below $1 \Omega$ |


2. HAZARD WARNING SIGNAL SWITCH ASSY
(a) Inspect hazard warning switch continuity.
(1) Measure the resistance according to the value(s) in the table below.
Standard:

| Tester connection | Condition | Specified condition |
| :---: | :---: | :---: |
| $2-3$ | Hazard warning switch <br> ON | Below $1 \Omega$ |
| $2-3$ | Hazard warning switch <br> OFF | $10 \mathrm{k} \Omega$ or higher |

(b) Inspect hazard warning switch illumination.
(1) Connect the battery positive (+) lead from the battery to the terminal 4 and battery negative ( - ) lead to the terminal 1 , then check that the illumination comes on.

## OK: Illumination comes on.

3. FRONT DOOR COURTESY LAMP SWITCH ASSY
(a) Measure the resistance according to the value(s) in the table below.

## Standard:

| Tester connection | Condition | Specified condition |
| :---: | :---: | :---: |
| 1 - Body ground | OFF (Shaft is pressed) | $10 \mathrm{k} \Omega$ or higher |
| 1 - Body ground | ON (Shaft is not pressed) | Below $1 \Omega$ |

4. REAR DOOR COURTESY LAMP SWITCH ASSY
(a) Measure the resistance according to the value(s) in the table below.

## Standard:

| Tester connection | Condition | Specified condition |
| :---: | :---: | :---: |
| 1 - Body ground | OFF (Shaft is pressed) | $10 \mathrm{k} \Omega$ or higher |
| 1 - Body ground | ON (Shaft is not pressed) | Below $1 \Omega$ |

## Connector Front View:



E54740


2004 Prius - Preliminary Release (RM1075U)
7. HEADLAMP RELAY NO. 2
(a) Inspect DIM relay continuity.
(1) Measure the resistance according to the value(s) in the table below.
Standard:

| Tester connection | Specified condition |
| :---: | :---: |
| Tester connection | Specified condition |
| $3-5$ | $10 \mathrm{k} \Omega$ or higher |
| $3-4$ | Below $1 \Omega$ |
| $3-5$ | Below $1 \Omega$ |
| $3-4$ | (When battery voltage is applied to terminal 1-2) |
| (When battery voltage is applied to terminal 1-2) |  |

8. FOG LAMP RELAY (W/ FOG LAMP)
(a) Measure the resistance according to the value(s) in the table below.
Standard:

| Tester connection | Specified condition |
| :---: | :---: |
| $3-5$ | $10 \mathrm{k} \Omega$ or higher |
| $3-5$ | Below $1 \Omega$ |
|  | (When battery voltage is applied to terminal $1-2$ ) |

9. DRL NO. 4 RELAY
(a) Measure the resistance according to the value(s) in the table below.
Standard:

| Tester connection | Specified condition |
| :---: | :---: |
| $3-5$ | $10 \mathrm{k} \Omega$ or higher |
| $3-5$ | Below $1 \Omega$ |
| (When battery voltage is applied to terminal 1-2) |  |



## 10. INTEGRATION RELAY

(a) Measure the voltage according to the value(s) in the table below.
Standard:

| Tester connection | Specified condition |
| :---: | :---: |
| A6 - A8 | Below 1 V |
| A6 - A8 | 10 to 14 V |
|  | (When connect the $(+)$ lead from the battery to terminal A6 <br> and the $(-)$ lead to terminal A7) |

## 11. MAP LAMP ASSY

(a) Measure the resistance according to the value(s) in the table below.
Standard:

| Tester connection | Condition | Specified condition |
| :---: | :---: | :---: |
| $1-3$ <br> $1-4$ | Switch is OFF | $10 \mathrm{k} \Omega$ or higher |

(b) Connect the battery positive (+) lead from the battery to the terminal 1 and battery negative ( - ) lead to the terminal 3 , then check that the illumination comes on when switch is in the DOOR position.

## OK: Illumination comes on.

(c) Connect the battery positive (+) lead from the battery to the terminal 1 and battery negative ( - ) lead to the terminal 4 , then check that the illumination comes on when switch is in the ON position.

## OK: Illumination comes on.


12. ROOM LAMP ASSY NO. 1
(a) Measure the resistance according to the value(s) in the table below.

## Standard:

| Tester connection | Condition | Specified condition |
| :---: | :---: | :---: |
| $1-2$ <br> $1-3$ | Switch is OFF | $10 \mathrm{k} \Omega$ or higher |

(b) Connect the battery positive (+) lead from the battery to the terminal 1 and battery negative ( - ) lead to the terminal 2 , then check that the illumination comes on when switch is in the DOOR position.

## OK: Illumination comes on.

(c) Connect the battery positive (+) lead from the battery to the terminal 1 and battery negative $(-)$ lead to the terminal 3 , then check that the illumination comes on when switch is in the ON position.

## OK: Illumination comes on.

13. ROOM LAMP ASSY NO. 2
(a) Connect the battery positive (+) lead from the battery to one of the terminal and battery negative (-) lead to other terminal, then check that the lamp comes on when switch is in the ON position.
OK: Lamp comes on.
14. VANITY LAMP SWITCH
(a) Measure the resistance according to the value(s) in the table below.

## Standard:

| Tester connection | Condition | specified condition |
| :---: | :---: | :---: |
| $1-2$ | Switch is OFF | $10 \mathrm{k} \Omega$ or higher |
| $1-2$ | Switch is ON | Below $1 \Omega$ |

15. VANITY LAMP ASSY
(a) Connect the battery positive (+) lead from the battery to one of the terminal and battery negative ( - ) lead to other terminal, then check that the lamp comes on.
OK: Lamp comes on.

## Connector Front View:


16. ELECTRICAL KEY HOLDER ASSY
(a) Inspect key slot illumination.
(1) Connect the battery positive (+) lead from the battery to the terminal 2 and battery negative ( - ) lead to the terminal 6 , then check that the illumination comes on.
OK: Illumination comes on.

## 17. GLOVE BOX LAMP ASSY

(a) Connect the battery positive (+) lead from the battery to one of the terminal and battery negative ( - ) lead to other terminal, then check that the lamp comes on when switch is in the ON position.
OK: Lamp comes on.
18. DOOR COURTESY LAMP ASSY
(a) Connect the battery positive (+) lead from the battery to one of the terminal and battery negative ( - ) lead to other terminal, then check that the lamp comes on.

## OK: Lamp comes on.


19. HEIGHT CONTROL SENSOR SUB-ASSY REAR LH
(a) Connect 3 dry cell batteries ( 1.5 V ) in a series.
(b) Connect the positive (+) lead from the batteries to terminal 3 and negative ( - ) lead to terminal 1.
(c) Measure the voltage between the terminal 1 and 2 when slowly move the link up and down.
Standard:

| Tester connection | Condition | Specified condition |
| :---: | :---: | :---: |
| $1-2$ | $+45^{\circ}(\mathrm{High})$ | Approx. 4.5 V |
| $1-2$ | $0^{\circ}($ Normal | Approx. 2.5 V |
| $1-2$ | $-45^{\circ}(\mathrm{Low})$ | Approx. 0.5 V |

## 20. STOP LAMP SWITCH ASSY

(a) Measure the resistance according to the value(s) in the table below.
Standard:

| Tester connection | Condition | Specified condition |
| :---: | :---: | :---: |
| $1-2$ | Switch pin free | Below $1 \Omega$ |
| $3-4$ | Switch pin free | $10 \mathrm{k} \Omega$ or higher |
| $1-2$ | Switch pin pushed in | $10 \mathrm{k} \Omega$ or higher |
| $3-4$ | Switch pin pushed in | Below $1 \Omega$ |

