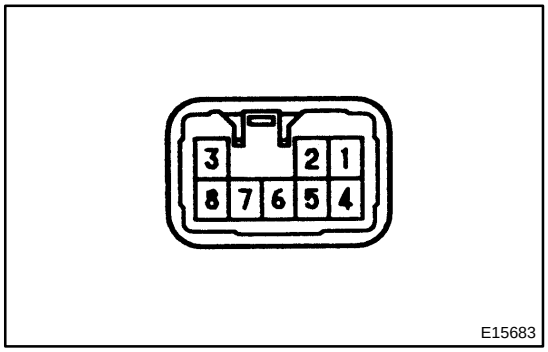
650N1-01

ON-VEHICLE INSPECTION



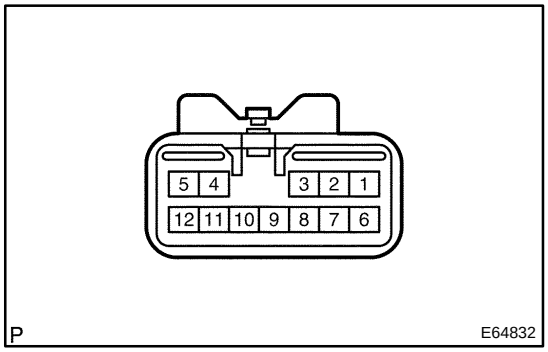
1. INSPECT TURN SIGNAL FLASHER CIRCUIT (w/o: Daytime Running Light)

(a) Measure voltage between terminals as shown in the chart below.

Tester connection	Condition	Specified condition
1 - Ground	Turn ignition switch ON	Battery positive voltage
1 - Ground	Turn ignition switch OFF	No voltage
4 - Ground	Constant	Battery positive voltage
7 - Ground	Constant	Continuity

(b) Connect the connector to the turn signal flasher, and turn the ignition switch to ON, and inspect the wire harness side connector from the back side as shown in the chart.

Tester connection	Condition	Specified condition
2 - Ground	Hazard switch OFF → ON	0V → 10 - 14 V (60 to 120 time per minutes)
2 - Ground	Turn signal switch (right turn) OFF → ON	0V → 10 - 14 V (60 to 120 time per minutes)
3 - Ground	Hazard switch OFF → ON	0V → 10 - 14 V (60 to 120 time per minutes)
3 - Ground	Turn signal switch (left turn) OFF → ON	0V → 10 - 14 V (60 to 120 time per minutes)
5 - Ground	Turn signal switch (left turn) OFF → ON	10 - 14 V → 0 V
6 - Ground	Turn signal switch (right turn) OFF → ON	10 - 14 V → 0 V
8 - Ground	Hazard switch OFF → ON	10 - 14 V → 0 V



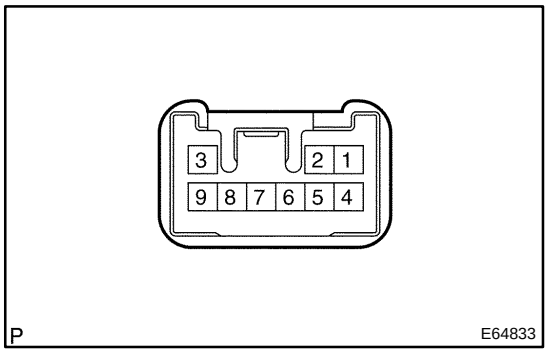
2. INSPECT TURN SIGNAL FLASHER CIRCUIT (w/: Daytime Running Light)

(a) Measure voltage between terminals as shown in the chart below.

Tester connection	Condition	Specified condition
9 - Ground	Constant	Continuity
1 - Ground	Turn ignition switch ON	Battery positive voltage
1 - Ground	Turn ignition switch OFF	No voltage
6 - Ground	Constant	Battery positive voltage

(b) Connect the connector to the turn signal flasher and turn the ignition switch to ON, and inspect the wire harness side connector from the back side as shown in the chart.

Tester connection	Condition	Specified condition
2 - Ground	Hazard switch OFF → ON	0V → 10 - 14 V (60 to 120 time per minutes)
2 - Ground	Turn signal switch (right turn) OFF → ON	0V → 10 - 14 V (60 to 120 time per minutes)
2 - Ground	Turn signal switch (right turn) ON → OFF	10 - 14 V (60 to 120 time per minutes) → 10 - 14 V
3 - Ground	Hazard switch OFF → ON	0V → 10 - 14 V (60 to 120 time per minutes)
3 - Ground	Turn signal switch (right turn) OFF → ON	0V → 10 - 14 V (60 to 120 time per minutes)
4 - Ground	Hazard switch OFF → ON	0V → 10 - 14 V (60 to 120 time per minutes)
4 - Ground	Turn signal switch (left turn) OFF → ON	0V → 10 - 14 V (60 to 120 time per minutes)
4 - Ground	Turn signal switch (left turn) ON → OFF	10 - 14 V (60 to 120 time per minutes) → 10 - 14 V
5 - Ground	Hazard switch OFF → ON	0V → 10 - 14 V (60 to 120 time per minutes)
5 - Ground	Turn signal switch (left turn) OFF → ON	0V → 10 - 14 V (60 to 120 time per minutes)
7 - Ground	Turn signal switch (left turn) OFF → ON	10 - 14 V → 0 V
8 - Ground	Turn signal switch (right turn) OFF → ON	10 - 14 V → 0 V
10 - Ground	Hazard switch OFF → ON	10 - 14 V → 0 V



3. INSPECT TOWING CONVERTER RELAY

(a) Measure voltage between terminals as shown in the chart below.

Tester connection	Condition	Specified condition
1 - Ground	Constant	Battery positive voltage
2 - Ground	Turn signal switch (right turn) OFF → ON	0V → 10 - 14 V (60 to 120 time per minutes)
2 - Ground	Depress the brake pedal	Battery positive voltage
3 - Ground	Turn signal switch (right turn) OFF → ON	0V → 10 - 14 V (60 to 120 time per minutes)
4 - Ground	Turn signal switch (left turn) OFF → ON	0V → 10 - 14 V (60 to 120 time per minutes)
4 - Ground	Depress the brake pedal	Battery positive voltage
6 - Ground	Constant	Continuity
8 - Ground	Depress the brake pedal	Battery positive voltage
9 - Ground	Turn signal switch (left turn) OFF → ON	0V → 10 - 14 V (60 to 120 time per minutes)