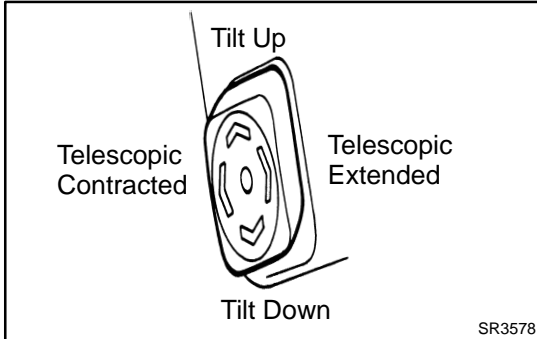


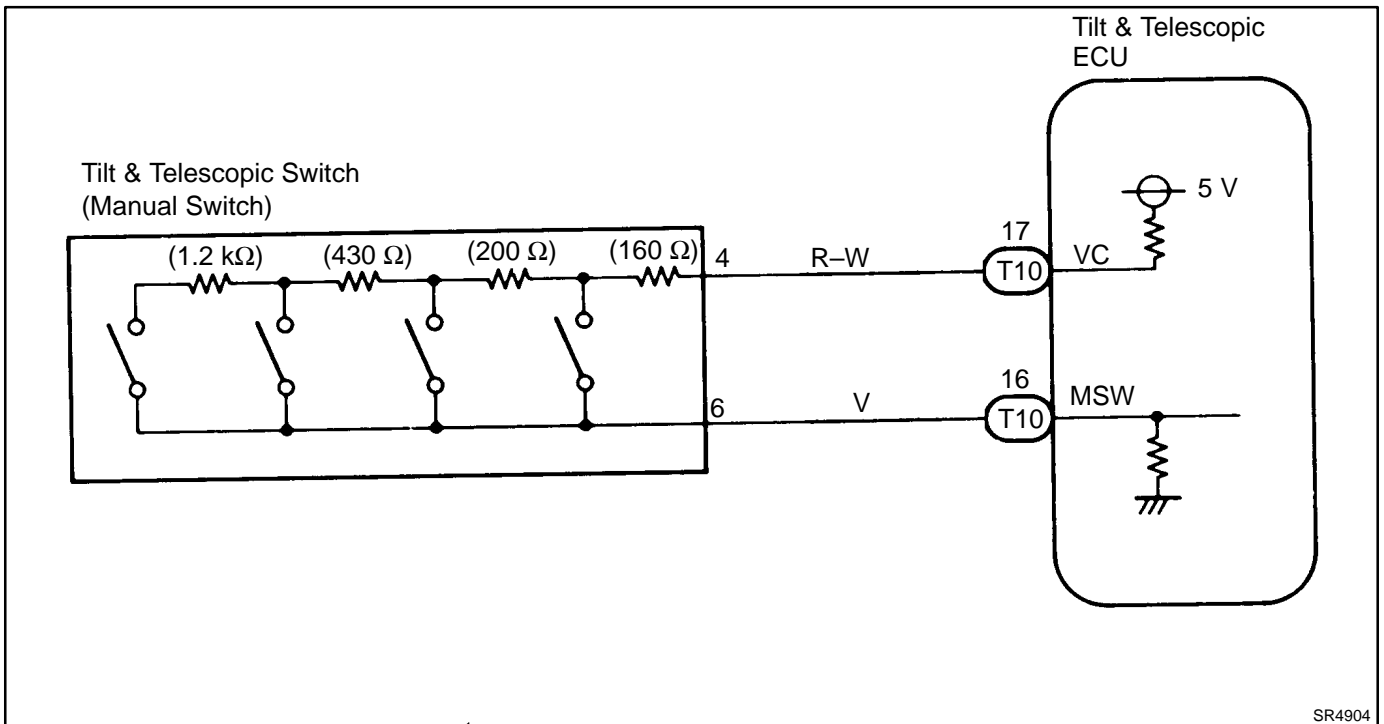
## Manual Switch Circuit

### CIRCUIT DESCRIPTION



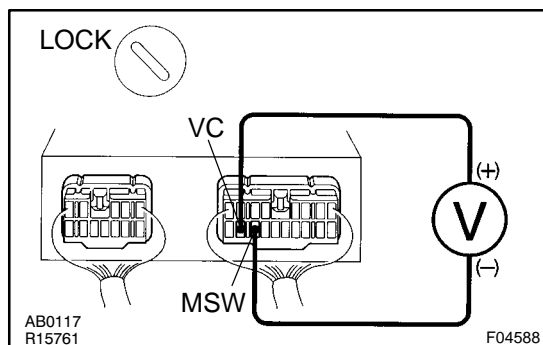
Operation of the switch sends different voltage signals to the ECU.

### WIRING DIAGRAM



## INSPECTION PROCEDURE

## 1 Check voltage between terminals Vc and MSW of ECU connector.

**PREPARATION:**

Remove ECU with connectors still connected.

**CHECK:**

Measure voltage between terminals Vc and MSW of ECU connector when manual switch is operated.

**OK:**

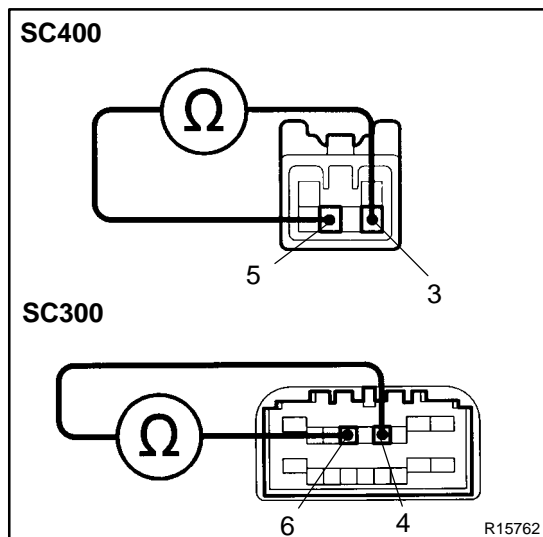
Position	Voltage
Telescopic back	Approx. 2.6 V
Tilt up	Approx. 3.5 V
Telescopic forward	Approx. 4.2 V
Tilt down	Approx. 4.6 V

OK

Proceed to next circuit inspection shown on matrix chart (See page [DI-498](#)).

NG

## 2 Check manual switch.

**PREPARATION:**

Disconnect combination switch connector.

**CHECK:**

Measure resistance between terminals 3 (4) and 5 (6) of combination switch connector when manual switch is operated.  
( ): SC 300.

**OK:**

Position	Resistance
Telescopic Extended	Approx. 160 Ω
Tilt up	Approx. 360 Ω
Telescopic contracted	Approx. 790 Ω
Tilt down	Approx. 1990 Ω

NG

Replace combination switch.

OK

<b>3</b>	<b>Check harness and connector between ECU and tilt &amp; telescopic switch (See page <a href="#">IN-29</a>).</b>
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**NG**

**Replace combination switch.**

**OK**

**Check and replace ECU.**