

# Yaw Rate and G Sensor

VEHICLE DYNAMICS CONTROL (VDC)

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## 7. Yaw Rate and G Sensor

### A: NOTE

Yaw rate & longitudinal G and lateral G sensor are integrated with the VDC control module & hydraulic control module (VDCCM&H/U).

### B: INSPECTION

#### 1. YAW RATE & LONGITUDINAL G AND LATERAL G SENSOR SIGNAL

Step	Check	Yes	No
<b>1</b> <b>CHECK YAW RATE &amp; G SENSOR.</b> 1) Check the installation condition of the VDC control module & hydraulic control module (VDCCM&H/U). 2) Select "Current Data Display & Save" on the Subaru Select Monitor. 3) Read the output of yaw rate & G sensor.	When the vehicle is placed horizontally, are the displayed values $-1.5 \text{ — } 1.5 \text{ m/s}^2$ for longitudinal G and lateral G sensor, and $-4 \text{ — } 4 \text{ deg/s}$ for yaw rate sensor?	Go to step 2.	Replace the VDC control module & hydraulic control unit (VDCCM&H/U).
<b>2</b> <b>PERFORM DRIVING TEST.</b> Drive for approximately 10 minutes, and check that there is no system malfunction or the warning light illumination while driving.	Is there any abnormal movement or the warning light illumination while driving?	Perform the diagnosis according to DTCs for the VDC system. <Ref. to VDC(diag)-37, List of Diagnostic Trouble Code (DTC).>	G sensor is normal.