| DTC | P0338/600 | CRANKSHAFT POSITION SENSOR "A" CIRCUIT HIGH INPUT |
|---|---|---|

| DTC | P0343/601 | CAMSHAFT POSITION SENSOR "A" CIRCUIT HIGH INPUT |
|---|---|---|

## CIRCUIT DESCRIPTION

Refer to DTC P0336 (INF 137) on page 05–287.

| DTC No. | INF Code | DTC Detection Condition | Trouble Area |
|---|---|---|---|
| P0338 | 600 | NEO signal circuit malfunction | • Wire harness or connector<br>• HV control ECU |
| P0343 | 601 | GO signal circuit malfunction | • Wire harness or connector<br>• HV control ECU |

## WIRING DIAGRAM

Refer to DTC P0336 (INF 137) on page 05–287.

## INSPECTION PROCEDURE

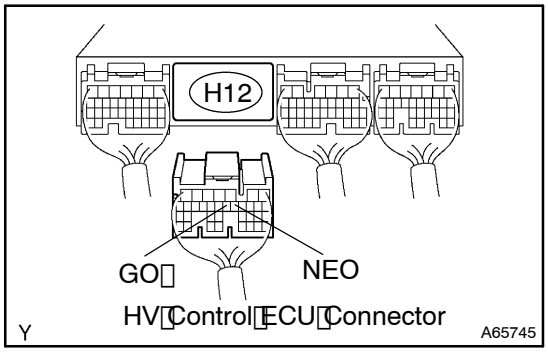
| 1 | READ OUTPUT DTC(ENGINE) |
|---|---|

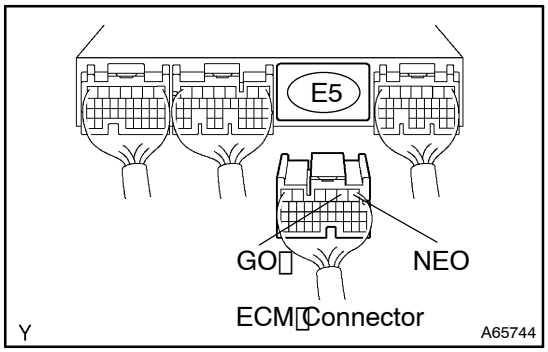
(a) Connect the intelligent tester II to the DLC3.
(b) Turn the power switch ON (IG).
(c) Turn the intelligent tester II ON.
(d) On the intelligent tester II, enter the following menus: Powertrain / Engine and ECT / DTC.
(e) Read DTCs.
**Result: DTCs are output**

**YES** → **GO TO RELEVANT DTC CHART (See page 05–39)**

**NO**

| 2 | CHECK HARNESS AND CONNECTOR (HYBRID VEHICLE CONTROL ECU – ECM) |
|---|---|




(a) Disconnect the H12 HV control ECU connector.
(b) Disconnect the E5 ECM connector.
(c) Check the resistance between the wire harness side connectors.

**Standard (Check for open):**

| Tester Connection | Specified Condition |
|---|---|
| NEO (H12–12) – NEO (E5–1) | Below 1 Ω |
| GO (H12–13) – GO (E5–2) | Below 1 Ω |

**Standard (Check for short):**

| Tester Connection | Specified Condition |
|---|---|
| NEO (H12–12) or NEO (E5–1) – Body ground | 10 kΩ or higher |
| GO (H12–13) or GO (E5–2) – Body ground | 10 kΩ or higher |

(d) Reconnect the ECM connector.
(e) Reconnect the HV control ECU connector.

**NG** → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

**OK**

**REPLACE HYBRID VEHICLE CONTROL ECU (See page 21–128)**