

|            |                  |  |
|------------|------------------|--|
| <b>DTC</b> | <b>P0338/600</b> | <b>CRANKSHAFT POSITION SENSOR "A"<br/>CIRCUIT HIGH INPUT</b> |
|------------|------------------|--|

|            |                  |  |
|------------|------------------|--|
| <b>DTC</b> | <b>P0343/601</b> | <b>CAMSHAFT POSITION SENSOR "A"<br/>CIRCUIT HIGH INPUT</b> |
|------------|------------------|--|

## CIRCUIT DESCRIPTION

Refer to DTC P0336 (INF 137) on page [05-459](#).

| DTC No. | INF Code | DTC Detection Condition        | Trouble Area  |
|---------|----------|--------------------------------|---|
| P0338   | 600      | NEO signal circuit malfunction | <ul style="list-style-type: none"> <li>• Wire harness or connector</li> <li>• HV control ECU</li> </ul> |
| P0343   | 601      | GO signal circuit malfunction  | <ul style="list-style-type: none"> <li>• Wire harness or connector</li> <li>• HV control ECU</li> </ul> |

## WIRING DIAGRAM

Refer to DTC P0336 (INF 137) on page [05-459](#).

## INSPECTION PROCEDURE

|          |                                |
|----------|--------------------------------|
| <b>1</b> | <b>READ OUTPUT DTC(ENGINE)</b> |
|----------|--------------------------------|

- (a) Connect the hand-held tester to the DLC3.
- (b) Turn the power switch ON (IG).
- (c) Turn the hand-held tester ON.
- (d) On the hand-held tester, enter the following menus: DIAGNOSIS / ENHANCED OBD II / ENGINE AND ECT / DTC INFO / TROUBLE CODES.
- (e) Read DTCs.

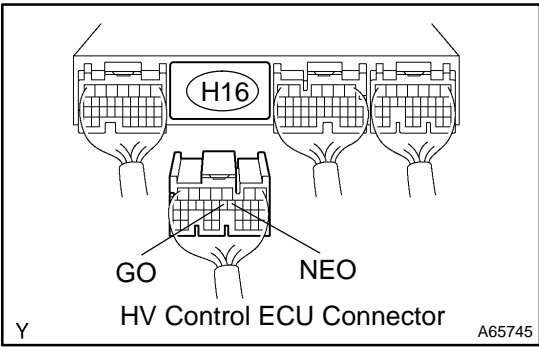
**Result: DTCs are output**

YES

**GO TO RELEVANT DTC CHART**  
(See page [05-55](#))

NO

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



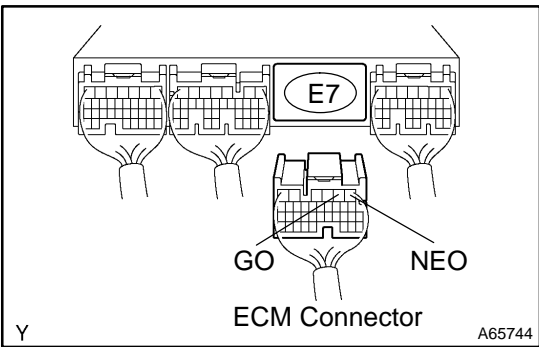
- (a) Disconnect the H16 HV control ECU connector.
- (b) Disconnect the E7 ECM connector.
- (c) Check the resistance between the wire harness side connectors.

**Standard (Check for open):**

| Tester Connection         | Specified Condition |
|---------------------------|---------------------|
| NEO (H16-12) - NEO (E7-1) | Below 1 Ω           |
| GO (H16-13) - GO (E7-2)   | Below 1 Ω           |

**Standard (Check for short):**

| Tester Connection                        | Specified Condition |
|--|---------------------|
| NEO (H16-12) or NEO (E7-1) - Body ground | 10 kΩ or higher     |
| GO (H16-13) or GO (E7-2) - 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 21-124)**