

ENGINE (DIAGNOSTICS)(H4DOTC) > Diagnostic Procedure with Diagnostic Trouble Code (DTC)

DTC P0011 INTAKE CAMSHAFT POSITION - TIMING OVER-ADVANCED OR SYSTEM PERFORMANCE (BANK 1)

DTC DETECTING CONDITION:





Detected when two consecutive driving cycles with fault occur.


TROUBLE SYMPTOM:

- Engine stalls.
- Improper idling

CAUTION:

After servicing or replacing faulty parts, perform Clear Memory Mode  and Inspection Mode .

STEP	CHECK	YES	NO
1.CHECK CURRENT DATA. 1) Start the engine and let it idle. 2) Check the AVCS system operating angle using Subaru Select Monitor or general scan tool. NOTE: • Subaru Select Monitor For detailed operation procedures, refer to "READ CURRENT DATA FOR ENGINE".  • General scan tool For detailed operation procedure, refer to the general scan tool operation manual.	Is the AVCS system operating angle approximately 0°?		Check the following item and repair or replace if necessary. <ul style="list-style-type: none"> • Oil pipe (clog) • Oil flow control solenoid valve (clog or dirt of oil routing, setting of spring) • Intake camshaft (dirt, damage of camshaft)
2.CHECK CURRENT DATA. 1) Drive with acceleration and deceleration at 80 km/h (50 MPH) or less. NOTE: Drive to an extent that the duty output of oil flow control solenoid valve increases. 2) Measure the AVCS system operating angle and oil flow control solenoid valve duty output using Subaru Select Monitor or general scan tool. NOTE:	When the oil flow control solenoid valve duty output exceeds 10%, is the AVCS system operating angle approx. 0°?	Check the following item and repair or replace if necessary. <ul style="list-style-type: none"> • Oil pipe (clog) • Oil flow control solenoid valve (clog or dirt of oil routing, setting of spring) • Intake camshaft (dirt, damage of camshaft) 	Perform the following procedures, and clean the oil routing. Replace the engine oil and idle the engine for 5 minutes, and then replace the oil filter and engine oil.  

STEP	CHECK	YES	NO
<ul style="list-style-type: none">• Subaru Select Monitor For detailed operation procedures, refer to "READ CURRENT DATA FOR ENGINE". • General scan tool For detailed operation procedures, refer to the general scan tool operation manual.			