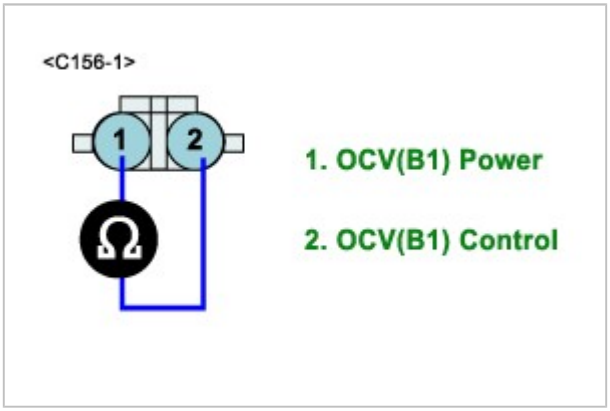
Component Inspection

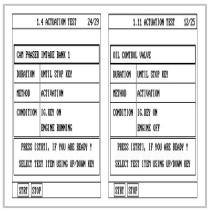
1. Check OCV resistance
   (1) IG "OFF" and disconnect OCV connector.
   (2) Measure resistance between terminal 1 and 2 of OCV. (Component Side)
      1) Specification :

Resistance(Ω)	6.7 ~ 7.7



   (3) Is the measured resistance within specification ?
      YES
         a. Go to "Check CAM PHASER with actuation test" as follows.
      NO
         a. Substitute with a known - good OCV and check for proper operation.
            If the problem is corrected, replace OCV and go to "Verification of Vehicle Repair" procedure.

2. Check CAM PHASER with actuation test
   (1) Connect scantool and IG "ON"
   (2) Select "CAM PHASER INTAKE BANK 1" on the Actuation Test
   (3) Select "OIL CONTROL VALVE" on the Actuation Test
   (4) Activates "CAM PHASER INTAKE BANK 1" by pressing "STRT(F1)" key
   (5) Activates "OIL CONTROL VALVE" by pressing "STRT(F1)" key
   (6) Repeat this procedure 4 or 5 times to ensure CAM PHASER and intake valve control solenoid reliability



   (7) Has a problem been found ?
      YES
         a. Substitute with a known - good CVVT or OCV and check for proper operation.
            If the problem is corrected, replace CVVT or OCV and go to "Verification of Vehicle Repair" procedure.
      NO

a. Fault is intermittent. Drive the vehicle to meet the enable condition for the DTC. and Go to "Verification of Vehicle Repair" procedure..