

Continuously Variable Valve Timing –
CVVT Unit Retaining Bolt –
Revised Torque Not In JTIS

MODEL
1999 MY-ON XK8 Range
1999 MY-ON
VIN V8 XJ Series NA
031303-ON
853936-ON

Issue:

The introduction of Continuously Variable Valve Timing, (CVVT), on 1999 Model Year AJ27 (normally aspirated) engines has required a change of timing unit from the one used on AJ26 engines. The CVVT unit can be identified by the helical splines, (A, Illustration 1), on the unit body.

The retaining bolt for the CVVT unit, (B, Illustration 1), has an oil passage drilled through the center and requires a lower torque specification when the unit is assembled to the camshaft.

Note: When assembling the CVVT unit on the camshaft, the retaining bolt must be first tightened **30-40 Nm**: and then to **85-90 Nm**.

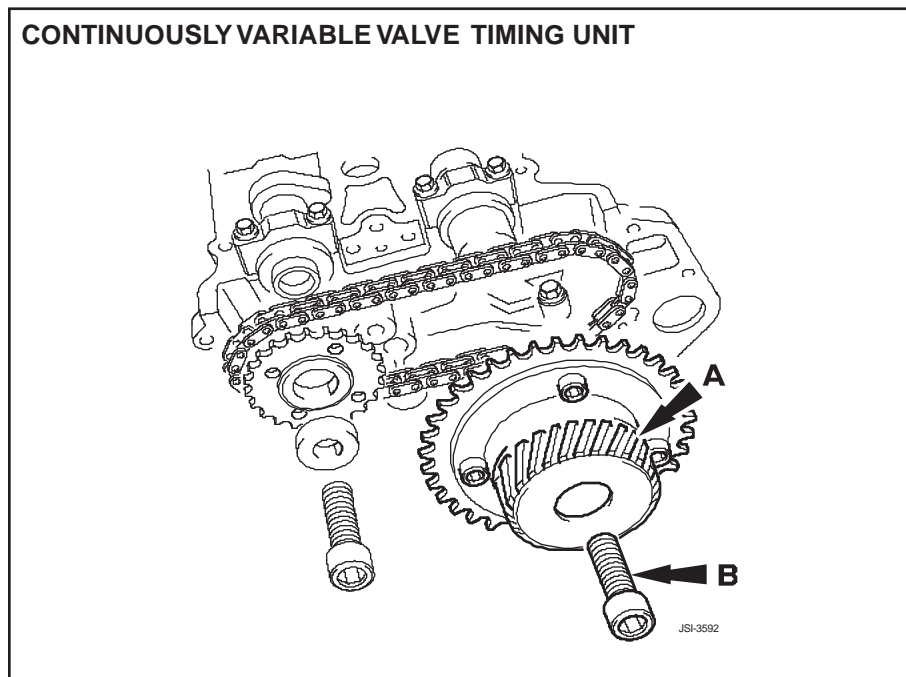


ILLUSTRATION 1

Note: The torque specification of **115 - 125 Nm** specified in JTIS section **303-01**, which is applied to the VVT retaining bolt on AJ26 engines, **must not be applied** to the CVVT retaining bolt on AJ27 engines.