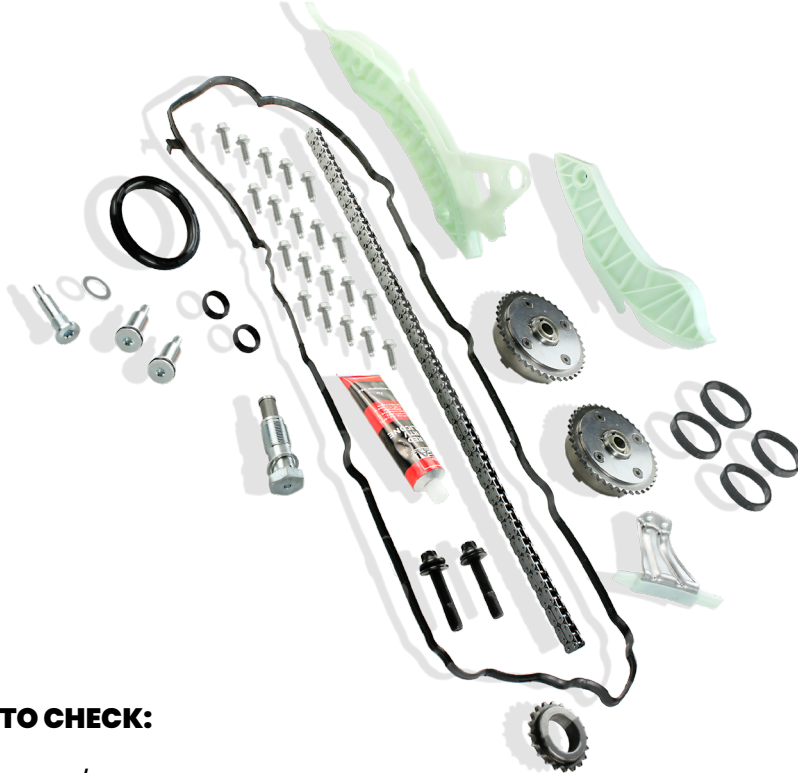


**ISSUE:** Common faults that may affect the correct operation of the Timing Chain Kit and VVT system.



## POTENTIAL CAUSES TO CHECK:

1. Worn camshaft oil rings/seals – restricts oil flow to the VVT system
2. Wear or damage to camshaft/VVT hub mating faces – causes poor sealing and oil delivery
3. Air locks in the VVT oil circuit
4. Incorrect installation or timing setup – these engines require a precise, complex procedure
5. Outdated ECU software – OE updates exist to address known chain and VVT tolerance issues
6. Failure to reset/update engine adaptations
7. Faults in the VVT solenoids or valve actuator
8. Oil contamination – debris in the oil system can transfer to the new VVT hub, causing it to seize or stick
9. Oil pressure issues – worn oil pumps or internal wear reduce oil feed to the tensioner and VVT
10. High oil consumption – leads to low oil levels, affecting tensioner and VVT function

*FAI products are designed for use in standard, unmodified vehicles and are not intended for custom or altered applications. All components must be installed by a qualified technician.*

*Please note: FAI products are supplied without fitting instructions.*

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