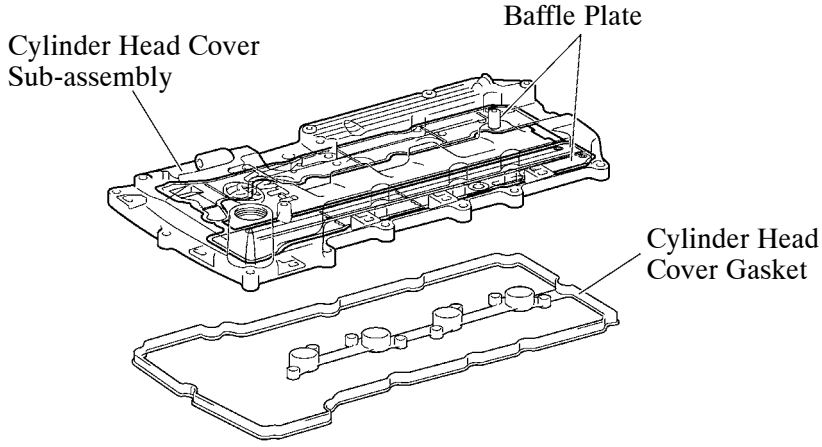
■ENGINE PROPER

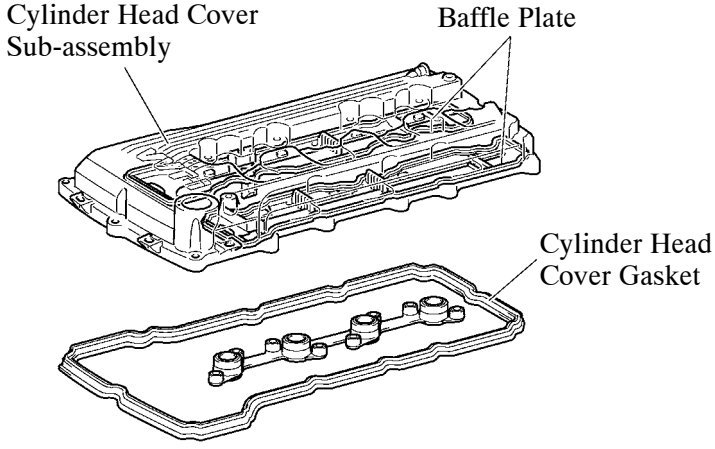
1. Cylinder Head Cover

A newly shaped cylinder head cover sub-assembly and a cylinder head cover gasket have been adopted.



New

26T1EG09

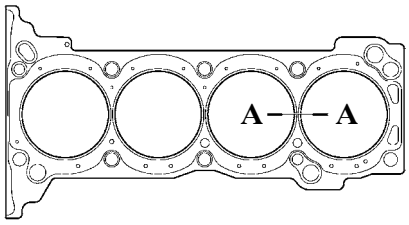


Previous

271EG05

2. Cylinder Head Gasket

A newly shaped cylinder head gasket has been adopted.

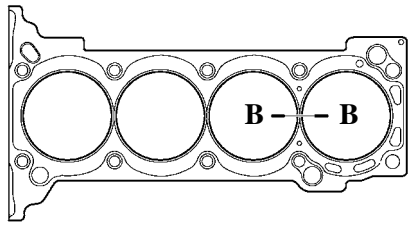


Shim

A – A Cross Section

New

26T1EG02



Shim

B – B Cross Section

Previous

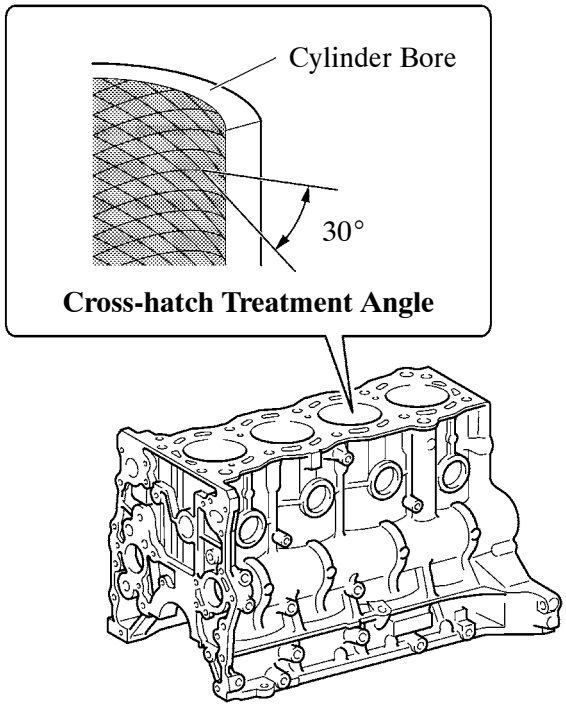
286EG02

3. Cylinder Head

By adopting newly shaped intake ports and valve seats, optimal tumble flow has been achieved.

4. Cylinder Block

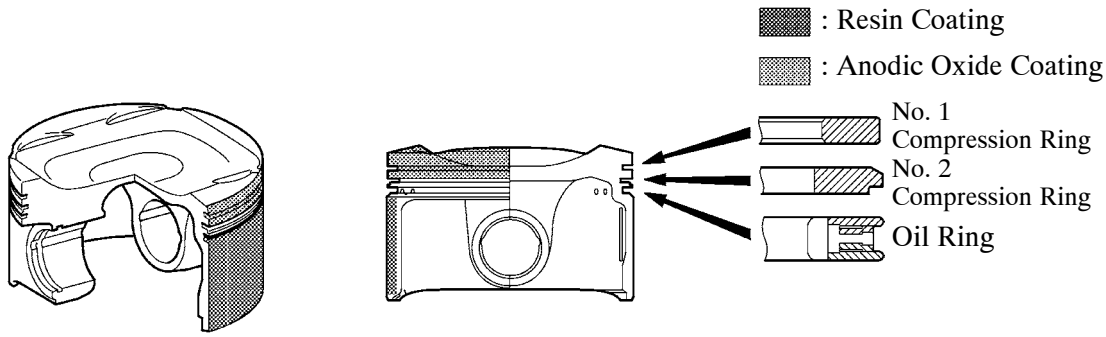
By setting the cross-hatch treatment angle of the cylinder bore to 30°, it has been achieved that more oil can be retained on the bore wall resulting in the reduction of friction.



26T1EG10

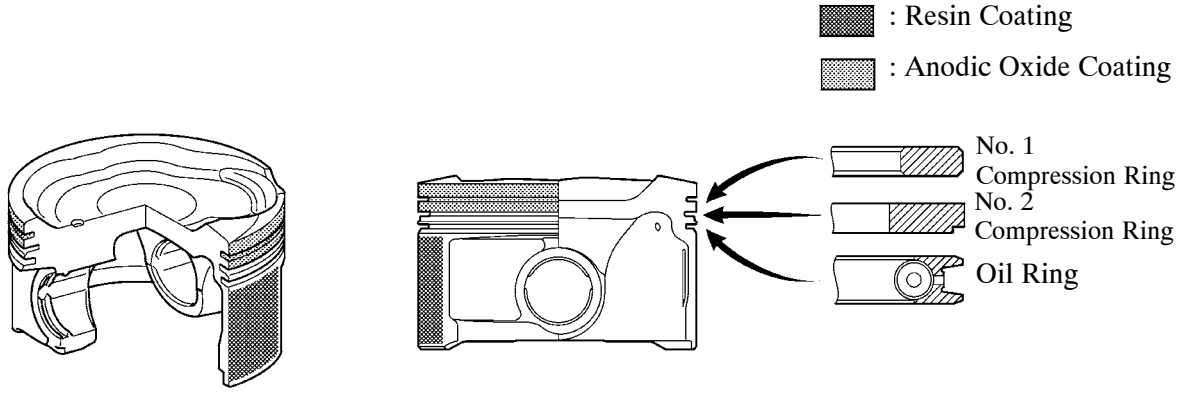
5. Piston

- A new shape has been adopted on the top of the piston for retaining tumble flow further.
- A newly shaped No. 2 compression ring and an oil ring have been adopted.



New

26T1EG11

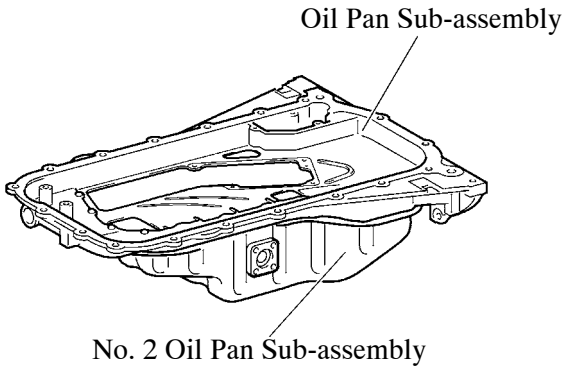


Previous

271EG12

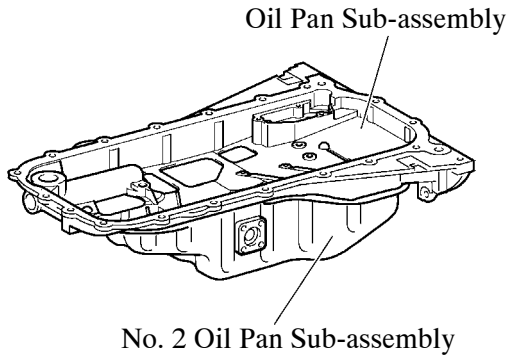
6. Oil Pan

A newly shaped oil pan sub-assembly has been adopted.



New

26T1EG05



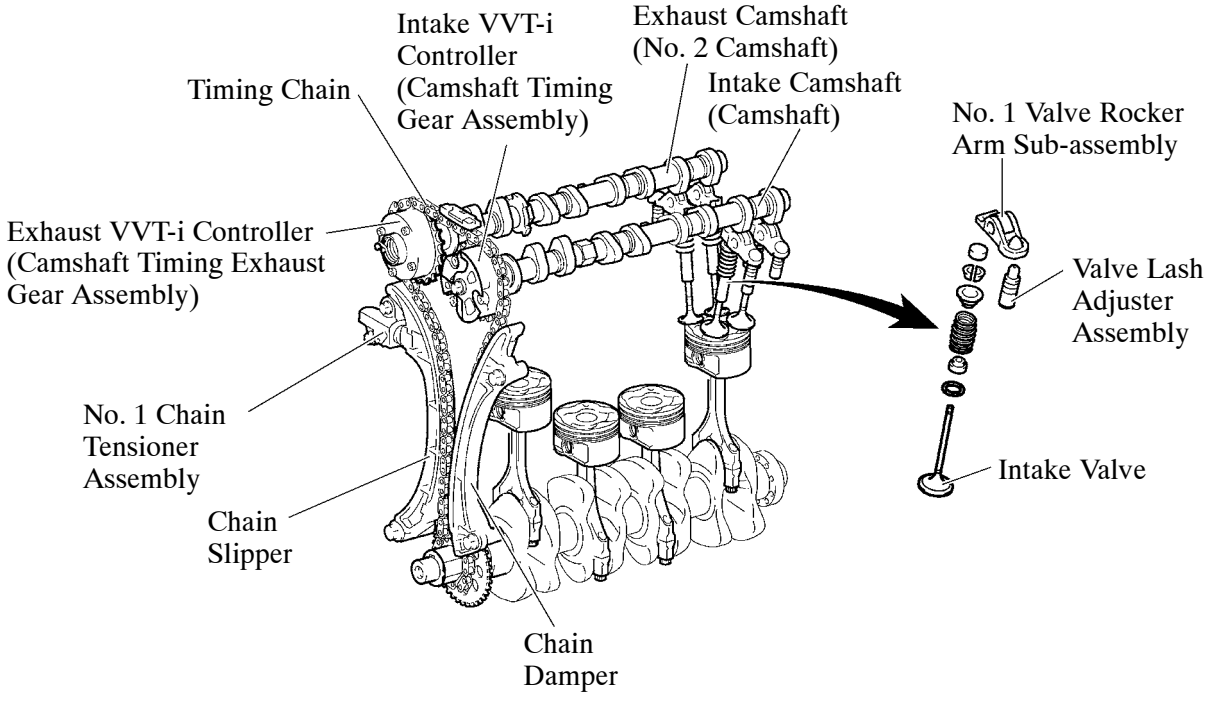
Previous

26T1EG45

■VALVE MECHANISM

1. General

A Dual VVT-i controlling the intake and exhaust camshafts to their optimal valve timing according to engine conditions has been adopted.



26T1EG12