

3GR-FE ENGINE MECHANICAL

Cylinder Head Fitting Parts

- The cylinder heads are made of a lightweight and highly rigid aluminum alloy. Also, the VVT-i supply oil passage has been separated from the cylinder heads to simplify the oil passage in the cylinder heads.
- The cylinder head gaskets are the two-layer metal type. Shims are provided around the bores to ensure sealing performance and durability.
- The cylinder head covers are made of a lightweight aluminum alloy. They are tightened to the cylinder heads by way of fixed-dimension flanges along their periphery to ensure the proper sealing performance.
- OCVs (oil control valves) for Dual VVT-i are mounted on both the right and left cylinder head covers.
- The cylinder head cover gaskets are made of acrylic rubber, which excels in heat resistance and oil resistance.

