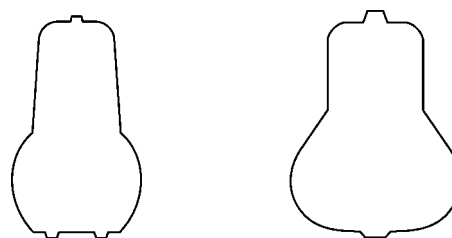


4. Engine Proper

Cylinder Head Cover Gasket

The cross sectional shape of the cylinder head cover gasket has been changed to improve its reliability.



'98 LS400

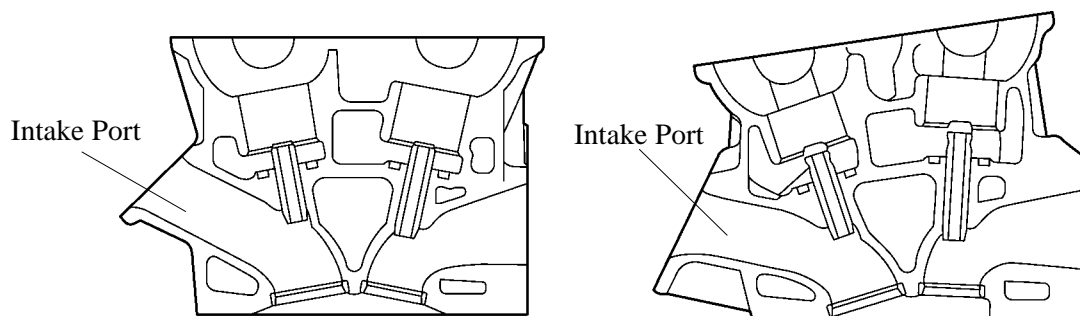
'97 LS400

151EG33

Cylinder Head

- The intake port has been changed to the upright type to improve intake efficiency.
- A taper squish combustion chamber has been adopted to improve anti-knocking performance and intake efficiency. In addition, engine performance and fuel economy have been improved.

► Cylinder Head ◀

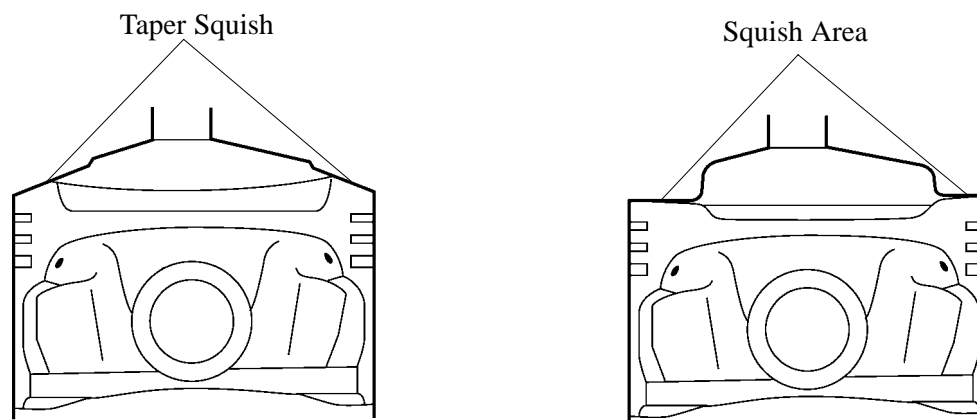


'98 LS400

'97 LS400

151EG03

► Taper Squish Combustion Chamber ◀



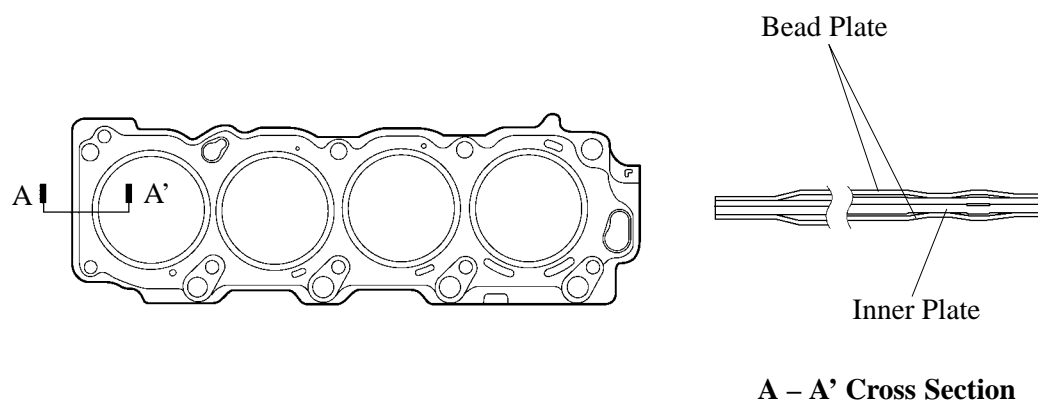
Taper Squish Combustion Chamber

Conventional Combustion Chamber

151EG04

Cylinder Head Gasket

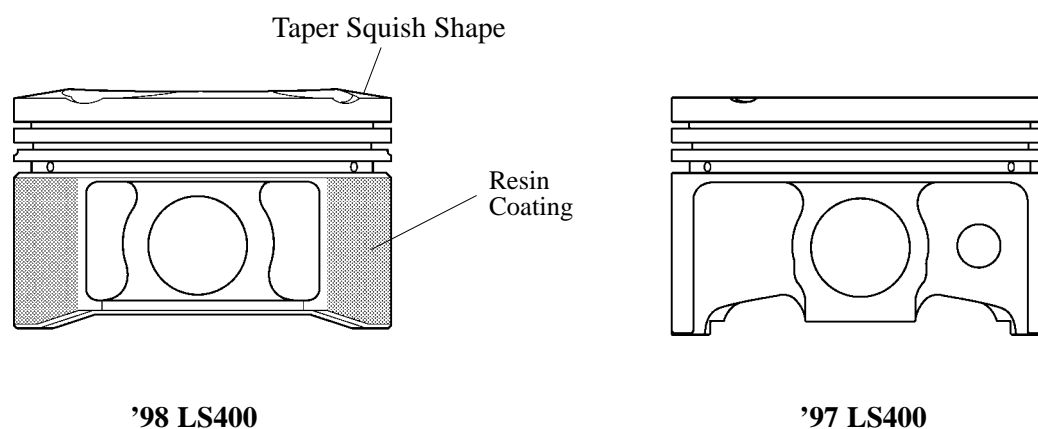
The cylinder head gasket has been changed from the previous carbon graphite type to the steel laminate type to improve reliability and to minimize the deformation of the cylinder bore. This reduced the consumption rate of engine oil, improved fuel economy, and reduced exhaust emissions.



151EG71

Piston

- Along with the improved engine performance, the piston skirt has been changed in shape and applied with resin coating to reduce friction loss.
- The piston head portion has adopted a taper squish shape to improve the fuel combustion efficiency.



151EG41