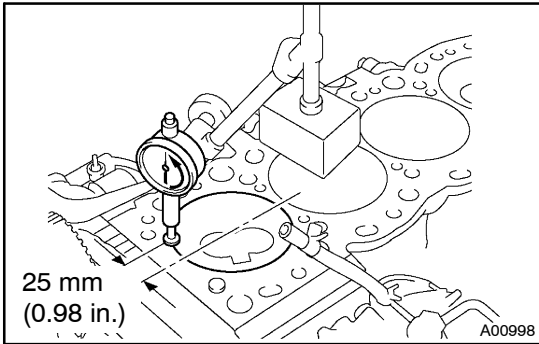




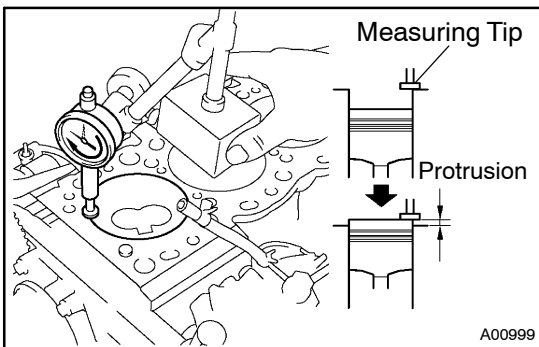
INSTALLATION

1. CHECK PISTON PROTRUSIONS FOR EACH CYLINDER

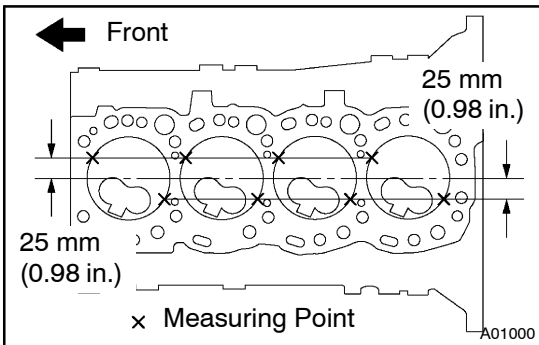
- Clean the cylinder block with solvent.
- Set the piston of the cylinder to be measured to slightly before TDC.
- Place a dial indicator on the cylinder block, set the measuring tip as shown in the illustration.
- Set the dial indicator at 0 mm (0 in.).

HINT:

- Use a dial indicator measuring tip as shown in the illustration.
- Make sure that the measuring tip is square to the cylinder block gasket surface and piston head when taking the measurements.



- Find where the piston head protrudes most by slowly turning the crankshaft clockwise and counterclockwise.

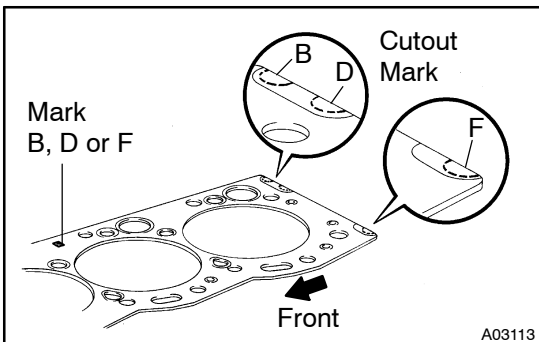


- Measure each cylinder at 2 places as shown in the illustration, making a total of 8 measurements.
- For the piston protrusion value of each cylinder, use the average of the 2 measurements of each cylinder.

Piston protrusion: 0.68 – 0.97 mm (0.0268 – 0.0382 in.)

When removing piston and connecting rod assembly:

If the protrusion is not as specified, remove the piston and connecting rod assembly and reinstall it.



2. SELECT NEW CYLINDER HEAD GASKET

HINT:

There are 3 sizes of new cylinder head gaskets, marked "B", "D" or "F" accordingly.

New installed cylinder head gasket thickness:

Mark B	1.40 – 1.50 mm (0.0551 – 0.0591 in.)
Mark D	1.50 – 1.60 mm (0.0591 – 0.0630 in.)
Mark F	1.60 – 1.70 mm (0.0630 – 0.0669 in.)

Select the largest piston protrusion value from the measurements made, then select a new appropriate gasket according to the table below.

Piston protrusion	Gasket size
0.68 – 0.77 mm (0.0268 – 0.0303 in.)	Use B
0.78 – 0.87 mm (0.0307 – 0.0343 in.)	Use D
0.88 – 0.97 mm (0.0346 – 0.0382 in.)	Use F