

## Connecting Rods

### Selection

Each rod falls into one of four tolerance ranges (from 0 to + 0.024 mm (0 to + 0.0009 in), in 0.006 mm (0.0002 in) increments) depending on the size of its big end bore. It's then stamped with a number (1, 2, 3, or 4) indicating the range.

You may find any combination of 1, 2, 3, or 4 in any engine.

#### Normal Bore Size:

D16Y2, D16Y3 engines: 48.0 mm (1.89 in)

D15Z3 engine: 45.0 mm (1.77 in)

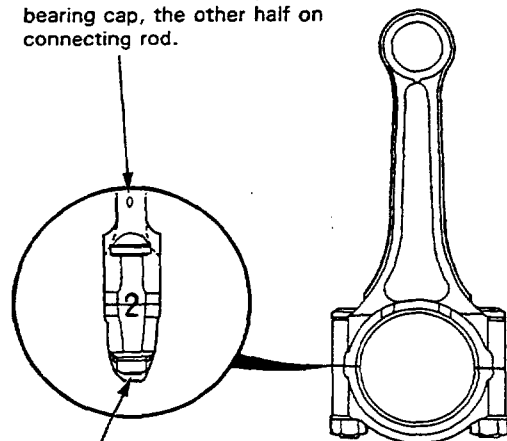
D14A2 engine: 43.0 mm (1.69 in)

#### NOTE:

- Reference numbers are for big end bore size and do NOT indicate the position of the rod in the engine.
- Inspect connecting rod for cracks and heat damage.

#### CONNECTING ROD BORE REFERENCE NUMBER

Half of number is stamped on bearing cap, the other half on connecting rod.



Inspect bolts  
and nuts for  
stress cracks.

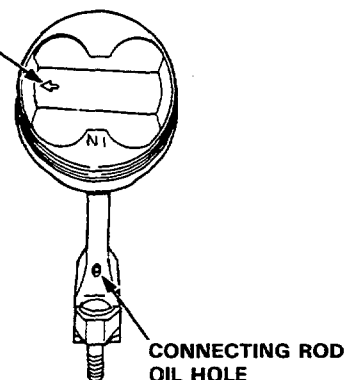
## Piston Pins

### Installation

#### NOTE:

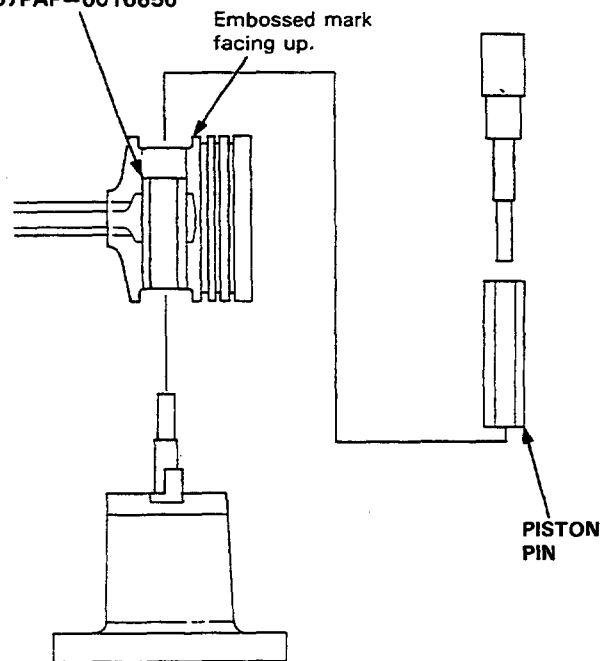
- Use the piston pin assembly tool set (No. 07PAF-0010000) with a hydraulic press.
- Be sure to use the pilot collar of correct No. as designated.

The arrow must face the timing belt side of the engine and the connecting rod oil hole must face the rear of the engine.



1. Install the piston pin as shown.

PILOT COLLAR,  
O.D. 19 mm  
07PAF-0010650



NOTE: Install the assembled piston and rod with the oil hole facing the intake manifold.