



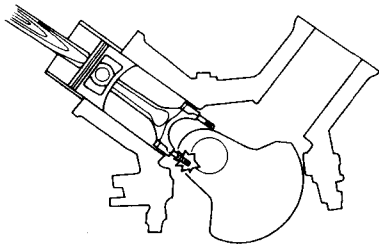
Pistons

Installation

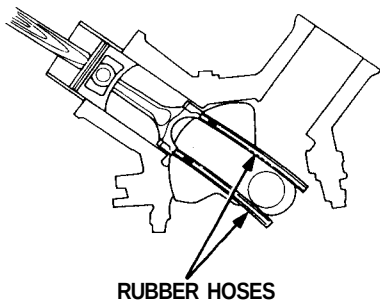
 Before installing the piston, apply a coat of engine oil to the ring grooves and cylinder bores.

1. Install the ring compressor, check that the bearing is securely in place; then position the piston in the cylinder and tap it in using the wooden handle of a hammer.
2. Install the piston/connecting rod assemblies in the cylinder block.
 - Guide the piston carefully to prevent damage.
 - Fit long rubber hoses (about 30 cm (12 in) long) to the connecting rod bolts to protect the crankshaft.
 - Install the pistons after setting the crankshaft to BDC for each cylinder.

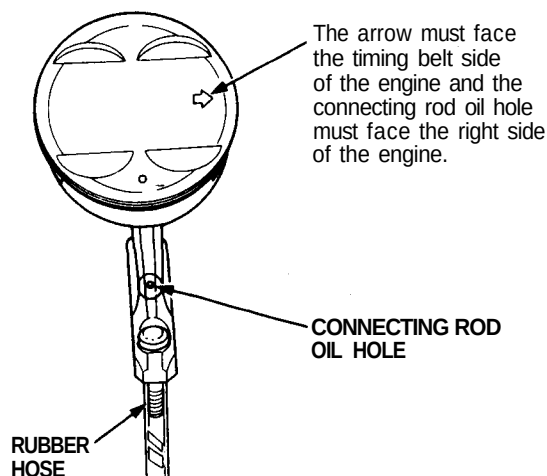
INCORRECT



CORRECT



3. Stop after the ring compressor pops free, and check the connecting rod-to-crank journal alignment before pushing the piston into place.
4. Install the rod caps with bearings, and torque the nuts to 44 N-m (4.5 kgf-m, 33 lbf-ft).



NOTE: Maintain downward force on the ring compressor to prevent the rings from expanding before entering the cylinder bore.

