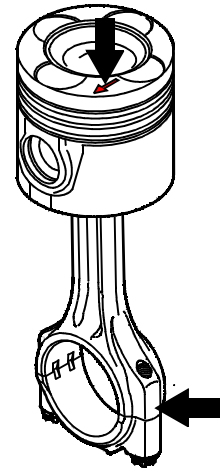


3.6 Fitting Piston Pin

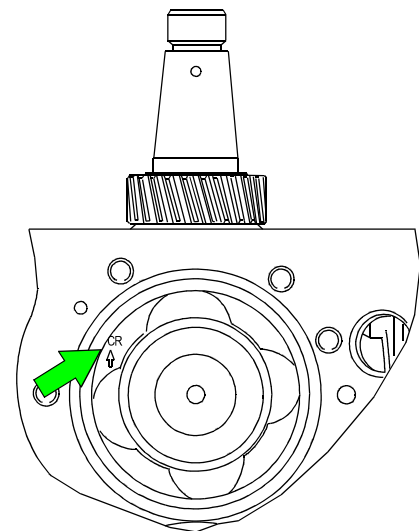
1. Place the connecting rod inside the piston and push the piston pin into place.
2. The weight class letter should be on the fuel equipment side. The arrow on the piston points towards the front end of the engine.
3. Fit the piston pin circlips. Ensure the circlips are pressed correctly into the grooves. The circlip ends must point upwards.



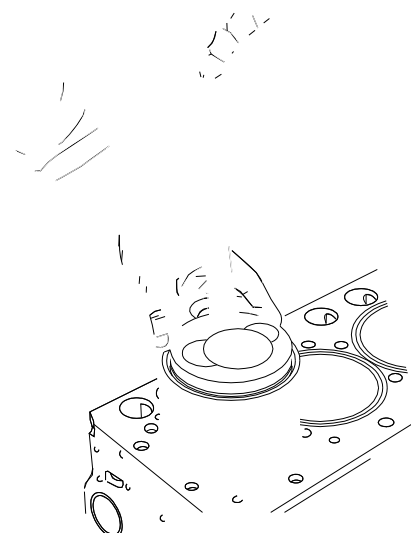
3-6

3.7 Fitting Piston Together with Connecting Rod.

1. Check that the bearing locations are clean and place the bearing shells in the connecting rod and bearing cap. Note the position of the bearing shells.
2. Lubricate piston, rings and cylinder bore. Ensure that the piston ring gaps are spread around the piston.
3. Use a piston ring strap or preferably fitting tool 9020 01100. Fit the piston with the connecting rod so that the direction of the arrow on the piston shows forward.
4. Lubricate the big-end bearing journal and bearing shells, and push the piston down. Fit the bearing cap so that the notches for the guide lugs are in the same side. Tighten the connecting rod screws to **40 Nm + 120°**.
5. Check that the connecting rod has sufficient end float on the big-end bearing journal.



3-7



3-8