



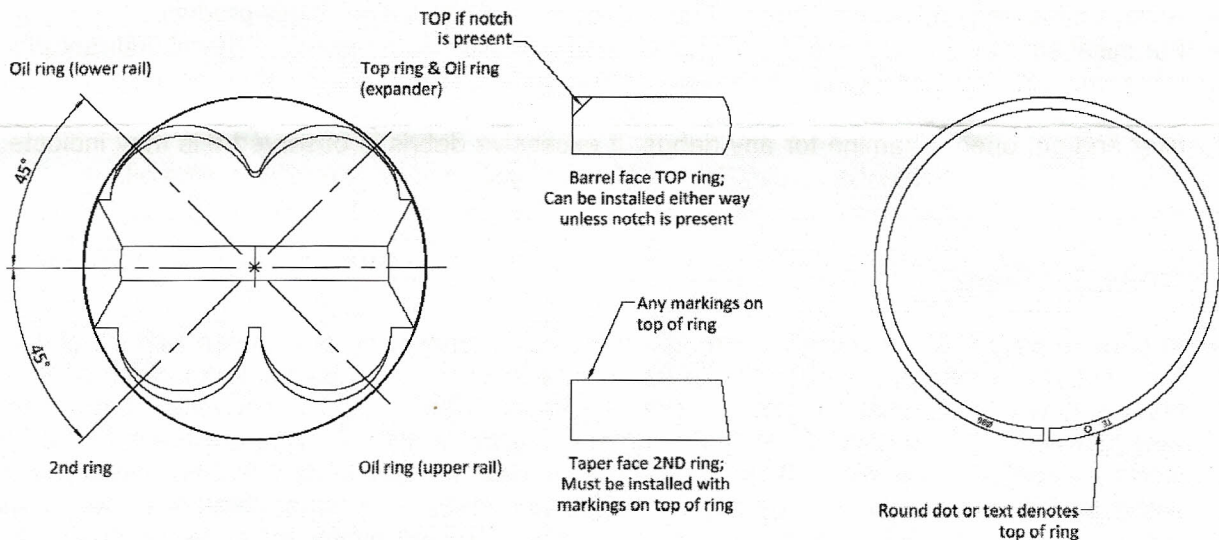
# INSTALLATION GUIDELINES

## Ring Guidelines.

- For ring gaps multiply the bore diameter by the factors below. Oil control rings should have a minimum gap between 0.35mm – 1.00mm.

Top Ring	
N/A Fast Road	0.004
N/A Race	0.0045
Turbocharged/Nitrous Oxide	0.0055
Second Ring	
N/A Fast Road	0.005
N/A Race	0.0055
Turbocharged/Nitrous Oxide	0.0065

- Ring vertical clearance for top and second rings should be between 0.030mm – 0.040mm. Always check rings for enough back clearance with a straight edge.
- With three piece oil control rings ensure that the expander ends are butted together and not overlapped. On two piece oil control rings ensure coil expander joint is opposite to rail gap.



Direction of ring gaps

Top and 2nd ring details

If in doubt, any markings or text should face the top of the piston.



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