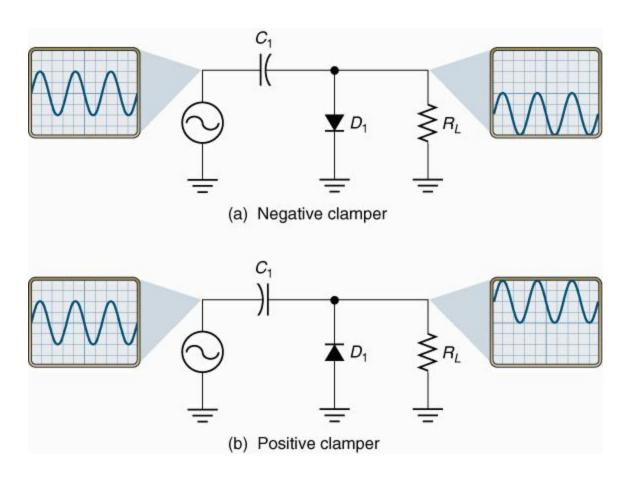
Diode Clampers

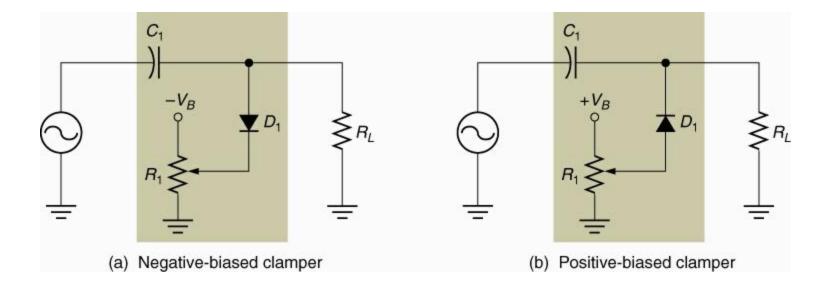
A clamper (or dc restorer) sets (or restores) the dc reference of a waveform.



Biased clampers

Biased clampers allow a waveform to shifted above or below a dc reference other than 0 V.

– The dc reference is determined by the biasing voltage (V_B) and the setting of the potentiometer (R_1) .



Zener clampers

The diodes in (a) are in a common-cathode configuration. The diodes in (b) are in a common-anode configuration.

