

4K cart

8K cart

override off
=

no change,
no harm,
uses lower 4K of ROM,
everything ok.

override off
=

no change,
no harm,
uses ^{4K} banks as requested
by address lines / CPU.
everything is ok.

override on
=

intended change,
no harm,
uses upper 4K of an
8K space, as if it
was normal 4K cart.

override on
=

error,
harm,
8K program in that
bank cannot access
lower 4K, so program
will crash badly.