Inference at $*$
of proof for Lemma inconsistent-bool-eq:

$\vdash (\mathrm{tt} = \mathrm{ff}) \Longleftrightarrow \mathrm{False}$
by Auto

1:

1. $\mathrm{tt} = \mathrm{ff}$
$\vdash \mathrm{False}$

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