Claim: $\neg\neg A \land \neg B, A \to C \vdash C \land \neg B$

Proof:

Observe $\neg\neg A$ is A // Double Negative

Assume $A \land \neg B$, this implies $\neg B$ // $\land$ Elimination

Suppose $A \to C$, we conclude C // Application

Since $\neg B$ and C are true, $C \land \neg B$ is true // $\land$ Introduction