

l_disjoint_append2^{11,40}

$\forall T:\text{Type}, a, b, c:(T \text{ List}).$

$\text{l_disjoint}(T;b @ c;a) \iff (\text{l_disjoint}(T;b;a) \ \& \ \text{l_disjoint}(T;c;a))$