

START

$\text{on}(\text{tire1}, \text{hub1}), \text{flat}(\text{tire1}), \text{inflated}(\text{spare}), \text{off}(\text{spare}), \text{tire}(\text{tire1})$

$\text{tire}(\text{tire1})$

CHECK(tire1)

$\text{intact}(\text{tire1})$

$\neg \text{intact}(\text{tire1})$

...

...

$\text{on}(\text{tire1}, \text{hub1}), \text{inflated}(\text{X})$

STOP

$\text{inflated}(\text{X}), \text{on}(\text{tire1}, \text{hub1})$

STOP

