



# TECH TIPS

**Dixie Part Numbers:** S-2151 S-6160 S-6266

**Applications:** 2004 – 2008 Volvo C70  
2004 – 2008 Volvo S40  
2004 – 2008 Volvo V50

**Condition:** The operator of the vehicle may complain of intermittent no crank conditions.

**Cause:** There are several none serviceable situations that may cause the above condition as listed below:

- Inserting the key and rotating it to crank very quickly may not provide enough time for the authorization data from the key transponder to be processed by the immobilization system.
- The systems will time-out if the key is inserted and left for 30-40 seconds before turning the key to the crank position. Typically this will show the message *Immobilizer – See Manual* in the driver information display.
- Other transponders are in close proximity to the one specific for the vehicle. For example gas station payment transponders or keys to other vehicles.

**Correction:** Before performing detailed diagnostics rule out the above possibilities following the manufacturer's recommended procedures.