



# TECH TIPS

Dixie Part Numbers: S-7051 TS-1794 TS-1795 TBA

**Applications:** Various Heavy Duty Applications

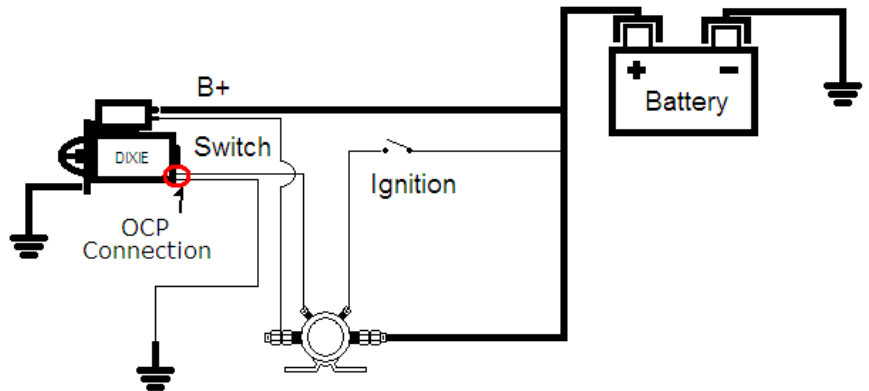
**Condition:** The technician may comment that the starter may not function when replacing other OE manufacturer's type starters with the above part number.

**Cause:** The above part number has the over-crank protection circuit, OCP, contained within the starter and the vehicle's wiring harness, if previously equipped with an over crank protection circuit relay, may require modification to by-pass the cut out circuit.

**Correction:** Shown below is the typical wiring shown in the figure *Standard overcrank protection circuit*. Tech Tip TSB-147 explains the operation of this circuit. The OCP connection is not present on the above starter and requires modification to complete the circuit. Dixie has a bypass connector available, 76007-100 shown below, which simply connects to the associated wiring and relay that other OE manufacturers used to activate the over crank protection circuits. See the figure marked as *Modification required* on the following page.



76007-100



Standard overcrank protection circuit



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