



JAS Product Advice

SND003, SND004, SND033, SND031, SND047, SND048 Chev Straight & Offset Starters

Attention Fitter,



Chev Pad-mounted starter motors are one of the only types of starter motors, due to their unique mounting type, used in an automotive applications that may need to be shimmed to set the correct depth of the pinion into the ring gear.

Please refer to the JAS Catalogue that gives instructions on using shims.

SND003 and SND004 are also planetary gear starters. This type of starter develops more kilowatts for its size than a straight drive type starter motor but can be damaged by excessive load situations, over cranking and engine kick back. This type of damage is manifests by stripping the outer planetary gear in the starter gear set.

These starters are also commonly used in speedboats due their small size and can suffer from water contamination due to the ring gear on the motor picking up water in the bilge and throwing this into the starter.

The Bolts used to mount these starters are also critical in positioning the starter in the correct position in relation to the ring gear and must be an interference fit in the housing. Any of the above-mentioned issues are not warrantable as they are not manufacturing defects but caused by in-service damage to the starter.

SND003 with correct mounting bolts



E47-0003
Bolts



E46-1000, E46-1001
Shims

