



# Service Bulletin

**THE KING OF SNOW®**  
Ariens Company  
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Brillion, WI 54110  
www.ariens.com

**Product Family: Ariens Sno-Thro**

**Subject: Briggs & Stratton Service Bulletin**

**Dealer Action: Investigate and Repair if Necessary**

| <b>Briggs &amp; Stratton<br/>Engine Model</b> | <b>Serial Number</b>                |
|---|-------------------------------------|
| 120000 & 150000                               | 12051788xxxxx through 13061888xxxxx |

Ariens Company had been notified by Briggs & Stratton® Corp. that some Briggs & Stratton engines in the serial number ranges above may have been manufactured with residual fuel hose assembly lubricant in the carburetor potentially resulting in repeated starting difficulties or erratic operation.

If encountered during pre-delivery set-up or due to a customer complaint, Dealers are to repair or replace the carburetor.

As stated in the attached letter from Briggs & Stratton (see page 2), dealers are to file a warranty claim with Briggs & Stratton for each repair following the warranty guidelines.

Any questions regarding this bulletin should be directed to your Briggs & Stratton Distributor.



## **BRIGGS & STRATTON SERVICE NOTIFICATION**

**TO:** ARIENS COMPANY

**DATE:** NOVEMBER 2013

**SUBJECT:** HARD STARTING / ERRATIC ENGINE OPERATION

**MODELS:** 120000 & 150000 HORIZONTAL SHAFT SNOW ENGINES

**CODE OR SERIAL #:** 12051788XXXXX THROUGH 13061888XXXXX

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### **CONDITION:**

During recent routine quality audits of subject engines, we identified that some of our fuel hose assembly lubricant had entered the carburetor on subject engines, potentially affecting performance. We subsequently cleaned the fuel systems of affected product with an isopropanol solution or by running the engine with aviation fuel. In some of the cleaned engines, we have since identified traces of oxidation and/or a gel residue on the internal surfaces of the carburetor. Engines with this condition may exhibit repeated starting difficulties or erratic operation, generally reported on new out-of-box product.

### **INSPECTION / REPAIR ACTION:**

If the engine starts easily and operation is stable, no further action is required. If, during routine pre-delivery set-up or a customer complaint, the engine exhibits repeated hard starting or prolonged unstable operation, clean/repair the carburetor or replace the carburetor. Order the appropriate replacement carburetor based on the following:

Model Series 120000 – P/N 593357

Model Series 150000 – P/N 593358

NOTE: Transfer the choke shaft and choke plate components from the original carburetor to the new one, per the instructions included with the carburetor.

### **WARRANTY:**

File warranty claims per normal warranty guidelines. Carburetor cleaning/repair or replacement can typically be accomplished in 45 minutes or less. Enter **125** in the IPL Reference Number field and enter **SP** in the Condition Code field. In addition to recording the required engine information in the respective fields, also include the snowthrower model and serial number in the equipment section of the claim form. Please retain and tag any carburetor that is replaced under warranty so that, if requested, factory returns can be accommodated.

**BRIGGS & STRATTON**

Distribution Sales & Customer Support