

***PARTS & SERVICE DEPARTMENT***

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**TO:** Manufacturers' Representatives, District Sales Managers, Regional Managers, Technical & Customer Service Personnel, Service Agents, Sales & Marketing Personnel

**SUBJECT:** Enhanced PSE Igniters

Lochinvar has introduced the following enhancements to all PSE Igniters manufactured from G10 (July, 2010) to present used on the following models:

- Knight XL Boilers - 600,700,800
- SYNC Boilers – All Sizes
- Armor Water Heaters – 600, 700, 800

The current PSE igniter design is shown below:



**Figure 1 PSE Igniter without Reinforcement bracket**

Lochinvar will be adding a reinforcement bracket to the current design, as shown below starting with products produced L10 (December 2010). When ordering the PSE Igniter (PLT 3024) you will receive a modified INS sheet which includes installing the new bracket, new screws, and specific instructions concerning the installation of the igniter. See Figure 2.



**Figure 2 PSE Igniter with reinforcement bracket**

**Please note the reinforcement bracket requires two longer retaining screws, which are provided with the new bracket.**

Lochinvar has also created a bracket kit (SVC 30013) that can be used on igniters currently installed in the field. This service kit can be ordered by contacting Lochinvar Parts Department. See Figure 3.



**Figure 3 Service Kit SVC 30013 reinforcement bracket and longer retaining screws**

Although Lochinvar is confident that the reinforcement bracket will resolve any future issues concerning igniter base flexing, we will continue to investigate enhancements and alternatives to improve our products performance. Should you have any questions please feel free to contact technical service at 1-800-722-2101.

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