

Troubleshooting

Jamming: May occur when the lance will not complete a full stroke, or return to its extended position. Here are some instances when the lance could jam.

- A shell may fall only partly into the injector nose, possibly when the gripper teeth (#16) slip off the tree surface. This may result in only half a stroke and could cause the lance to jam. To clear a jam, use the procedure described in Step 1 of the Storage and Maintenance section.
- The lance may seem jammed if improperly oriented during operation. Ensure that the lance is correctly oriented with the index button upward. The interlock pin will prevent injection if the lance is operated with the index button downward. Do not operate in the improper orientation as this can bend the interlock pin.

Misfire: Occurs when the lance completes a full stroke but no shell is ejected. Use these suggestions to avoid a misfire:

- Ensure the injector nose (#2) is not aligned with an empty shell chamber (#4). If this is found to be the problem, rotate the nose to the next loaded chamber.
- Ensure the herbicide shells are not sticking in the injector nose (#2) due to excessive deposits on the interior walls. Wash the injector nose in a pail of warm water if this is the problem.
- Ensure there are sufficient shells in the lance and that the lance is correctly oriented when operating.

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