

# SWEEPING LEAVES

(StarFire)

**SWEEPING LEAVES (without a channeler)**

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Leaves are very difficult to sweep. There are adjustments that can be made to improve the sweeper's ability.

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1. With the elevator in the up position lift the elevator up to the next hole in the mount. To do this put a floor jack under one side of the elevator and lift the elevator slightly. Remove the ½" bolt that holds the elevator to the lift arm. Lift the elevator using the floor jack to the next hole. Reinstall the bolt in the hole. Repeat this process on the opposite side. Make sure the bolts are tight. This gives more room for bulky material to go under the elevator.



2. Put vertical slices every 6" in the bottom elevator rubber. This helps light bulky material go under the elevator more easily.



3. Set the main broom pattern to 2-4 inches. Take care that the pattern is equal all the way across the main broom.
4. When sweeping leaves **without a main broom chaneler** you must keep the auxiliary engine rpm **as low as possible**. The main broom will act similar to a fan. The air movement that the main broom creates will blow the leaves over the top of the main broom and deposit them on the road surface behind the sweeper.
5. If leaves are dry use water to make the leaves heavier by engaging the front spray bar so air movement will not affect them as much.
6. Even though leaves are very light you must sweep at a very low travel speed. Leave will build up between the main broom and the elevator if the speed is too great.

It must be noted that when sweeping leaves the hopper will build up just in front of the elevator and cause back feeding on the elevator. This will significantly affect the performance of the sweeper. The leaves can be knocked down using a rake through the hopper access door.

### **SWEEPING LEAVES (with a chaneler)**

1. With the elevator in the up position lift the elevator up to the next hole in the mount. To do this put a floor jack under one side of the elevator and lift the elevator slightly. Remove the ½" bolt that holds the elevator to the lift arm. Lift the elevator using the floor jack to the next hole. Reinstall the bolt in the hole. Repeat this process on the opposite side. Make sure the bolts are tight. This gives more room for bulky material to go under the elevator.
2. Put vertical slices every 6" in the bottom elevator rubber. This helps material go under the elevator.
3. Set the main broom pattern to 4-6 inches. Take care that the pattern is equal all the way across the main broom.



4. When sweeping leaves **with a main broom channeler** you must keep the auxiliary engine rpm as **high as possible**. The main broom will act similar to a fan. The air movement that the main broom creates will blow the leaves over the top of the main broom and deposit them on the channeler which will redirect them back into the main broom.
5. If leaves are dry use water to make the leaves heavier by engaging the front spray bar so air movement will not affect them as much.
6. Even though leaves are very light you must sweep at a very low travel speed. Leaves will build up between the main broom and the elevator if the speed is too great.
7. Do not leave the channeler on when not in use for leaf season. It can be damaged.

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