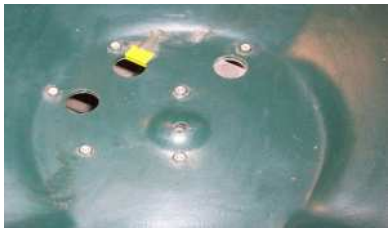
Replacing Agitator Assembly

Before you begin, make sure hopper is clean and clear of debris.
Wear protective gear to prevent injury.

Step 1 Remove existing agitator and spinner assembly; which includes: agitator, impeller, shaft assembly, shaft block.
NOTE: Clamp Hopper shut-off plate in place using the clamp provided.



Step 2 Remove e-clip from hopper bearing using flathead screwdriver.

Step 3 Remove 2 screws holding hopper bearing bracket in place, using 3/8" wrench/socket and 1 1/2" #2 Philips screwdriver.

Step 4 While keeping pressure on shutoff plate so not to let it slip out from tension screws and washers, gently pull down front of shutoff plate near the memory lock cable allowing enough room to slide out the hopper bearing bracket, hopper bearing, and felt washer.

Step 5 Re-install front screw and lock nut from hopper bearing bracket, tightening completely.

Step 6 Install shutoff plate bearing using parts shown. **Recommended** to tighten screw until it is flush with nylon on lock nut, but **DO NOT OVER TIGHTEN**, so plate rotates freely.

Step 7 Make sure shutoff plate is in open position or damage will occur, then using 5/8" paddle bit drill through existing back hole from hopper bearing bracket.

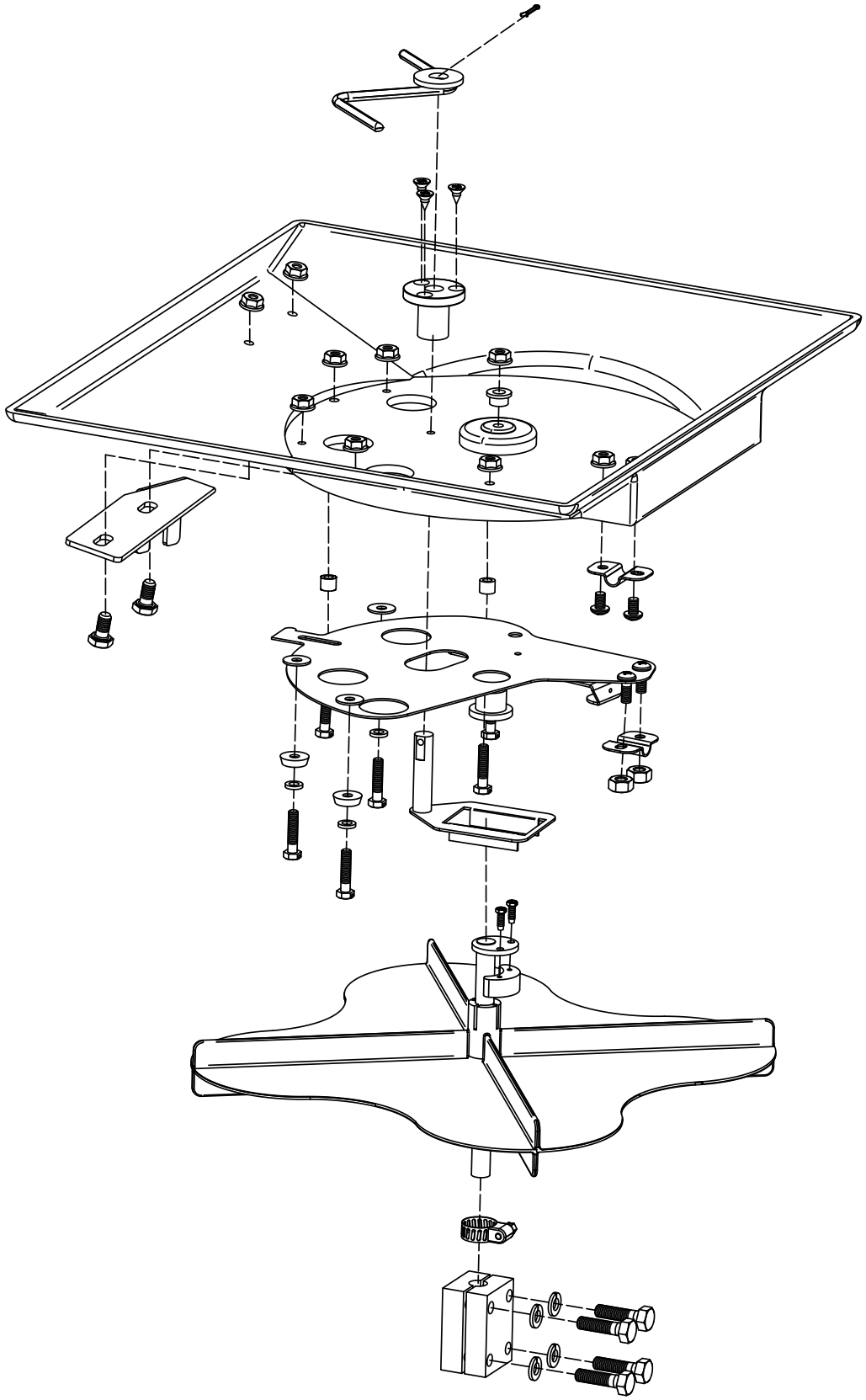
Step 8 Insert new hopper bearing, then using 5/64" drill bit drill 3 pilot holes one at a time inserting a screw after each. Use caution drilling pilot holes as NOT to drill through the hopper, which may cause damage to the shutoff plate.

Step 9 Install 1 or 2 nylon washers on shaft of agitator arm and shaft. Spacing will vary allowing room for agitator and cotter pin on agitator shaft without having a gap between hopper bearing and agitator arm. Install through hopper bearing with agitator arm facing the front of machine. To seat agitator use needle nose pliers and tap agitator until hole for cotter pin is revealed.

Step 10 Rotate agitator arm to the right to assure arm does not make contact with slide plate. If so slightly bend front of arm until it clears.

Step 11 Assemble the platter with shaft, clamp, and hairpin as shown in diagram. Next place shaft block loosely on shaft of platter assembly. Insert top of cam in agitator arm then place shaft block assembly on gearbox shaft. (NOTE: Make sure flat side of gearbox shaft faces out. Then make sure set screw on shaft block lines up with flat side.)

Step 12 Before tightening shaft block, make sure shaft cam lines up with agitator arm properly. Tighten bolts evenly using criss-cross method so shaft block assembly is spaced properly on the shaft. Then tighten setscrews. After tightening 1st setscrew, make sure machine is in neutral and reach under machine, and spin trans pulley until you can access the 2nd setscrew.

Tools Needed:

Needle nose pliers
7/16” wrench or socket
1/8” allen wrench
3/8” wrench or socket
1 1/2” #2 phillips screw driver
¼” nut driver/socket/flathead screwdriver
5/8” paddle bit
5/64” drill bit