



TOCA MAINTENANCE & TROUBLESHOOTING MANUAL

Performing regular maintenance on your TOCA Touch Trainer will help prolong the life of the machine and ensure each training session runs smoothly. This manual is broken down into six sections: Wheels, Balls, Solenoid, Motors, Hoppers, and Machine Storage. Each section includes maintenance and troubleshooting sub-sections.

WHEELS

Maintenance

Wheel Inspection - A visual inspection of the wheels helps to determine which corrective action is needed.



New wheels

There will be minor wear, due to a 'breaking in' of the wheels performed prior to delivery. This is to be expected.



Proper wear

Wear is visible on the wheels as expected, but note there is no flaking of the wheels.



Wheels with improper wear that need to be replaced

The shape of the rubber on the wheels is visibly modified, and flaking has begun to occur. These wheels will not deliver the ball with consistency and need to be replaced.



Troubleshooting

If the machine is not shooting properly:

Clean the wheels using a damp, lint-free towel, and then dry the wheels off.



If debris is on the wheel hubs, clean it out using a dry, lint-free towel.



If the wheels show signs of rubber flaking, take a picture and contact technical support at 844.444.TOCA, as wheel replacement may be necessary.

If the wheels are making unusual vibrating sounds, please call technical support as wheels may need to be replaced.

BALLS

Maintenance

Proper Inflation - Before each session, ensure balls are inflated. If you have a gauge, we recommend the following levels of inflation:

- Ages 10 and under: 3-4 PSI
- Ages 11 and up: 5-7 PSI

If you do not have a pressure gauge, find a comfortable level of inflation and make sure all balls are inflated to the same level.

Cleaning - before each session, wipe off scuffed, sticky or tacky feeling balls using a damp, lint-free towel. Then, dry balls prior to use.



Troubleshooting

If you experience any of the below issues, check the ball pressure and clean the balls:

- Inconsistent ball delivery
- Irregular rolling or bouncing
- Balls jamming in the motor bracket

If you experience any of the below issues, it is time to order new balls:

- Balls pumped up to over 12 PSI
- Balls have a non-spherical shape
- Balls won't hold pressure any more
- Ball bladder is punctured

SOLENOID

Maintenance



Push Test - once a month, inspect the solenoid to ensure it can be pressed in and rotated freely without being impeded.



Troubleshooting



If you experience any of the below issues, purchase a can of WD-40 and apply it to the solenoid as shown above:

- Solenoid resists being manually pushed in
- Solenoid stops clicking and pulling in when operating the machine
- Machine continually shoots two balls at once

If, after applying WD-40, the solenoid still won't work, please call TOCA as a solenoid replacement may be necessary.

MOTORS

Maintenance

Debris Cleaning - vacuum any debris from the machine and the training surface. Debris on the machine or training surface can get stuck in the motors and obstruct proper delivery.

Troubleshooting

Motor issues are typically due to a lack of maintenance on the wheels.

If you experience any of the below issues, perform debris cleaning as detailed above. If that doesn't remedy the problem, please call technical support as a motor replacement may be necessary:

- Excessive noise from the wheels or motors
- Slow firing of balls



HOPPERS

Maintenance

Inspection - once a month, confirm:

- Hoppers are correctly installed and aligned
- There are no loose fasteners, and that all screws are holding hoppers in place



Loose connections of the hoppers can cause ball jams and delayed delivery.

Cleaning





Once a month, clean the hoppers using a damp, lint-free towel, and then dry the hoppers before use.

MACHINE STORAGE

Store your TOCA Touch Trainer in a cool, dry place. Avoid hot and humid storage locations.

When transporting the machine:

1. Ensure the Touch Trainer is turned off.



Machine is On



Machine is Off

2. Unplug the power cable.





3. Remove the hoppers.



4. The machine can now be wheeled around.





If you must lift the Touch Trainer, hold the machine with one hand on the handle, and one hand on the base plate. Do not grab the wheels.

