

Maintenance Recommendations

Mighty, Thunder, Grizzly, Cub & 4 Way Basketball Towers

Outdoor basketball towers receive heavy use and all by nature are overhead structures that are subject to repetitive dynamic loads from wind, players slam dunking, hanging off the hoop and vandalism in unsupervised outdoor environments.

Periodic inspections must be carried out to ensure public safety.

ParkLife recommend a minimum of two (2) inspections annually (i.e. beginning and conclusion of the Daylight Savings Period) by a qualified Structural Engineer.

The following checklist is a guideline document only.

It is the responsibility of the owner to maintain a program of routine inspections and maintenance as per the ParkLife Terms and Conditions and ensure maintenance is site and use specific.

ParkLife are to be contacted immediately if any issues are detected. Any repairs must be authorized by ParkLife and replacement parts must be supplied by ParkLife.

Not doing so voids the warranty and may result in serious injury or death.

Installation

Ensure the Tower was installed as per ParkLife installation drawings.

Surrounding Landscape

Ensure all vegetation is maintained a minimum of 2m from the Tower.

Ensure no trees are planted within 4m of the Tower.

Ensure all vehicles including maintenance mowers are kept a minimum of 2m from the Tower.

Ensure all pesticides and herbicides are kept well clear of the Tower.

In-ground Stub - Mighty & Thunder only

Check for any cracking of concrete court slab around stub that may allow water to penetrate down into the footing.

Check for any movement of footing (if footing is not captured in the concrete court slab).

Check for any damage to stub.

Upper & Lower Flanges - Mighty & Thunder only

Check welds for any signs of fatigue cracks.

Check 8no. Grade 8.8 structural bolts, washers (2) and nuts are all present and torqued.

Gooseneck or Post

Check for any damage to circular hollow section (CHS) or rectangular hollow section (RHS).


End Plate

Check weld for any signs of fatigue cracks.

Check 4no. Grade 8.8 structural bolts, washers (2) and nuts are all present and torqued.

Frame

Check welds for any signs of fatigue cracks.



Backboard

Check Grade 4.8 bolts, washers and nuts are all present and torqued.

Hoop/Ring

Check welds for any signs of fatigue cracks.

Galvanizing

Check for any signs of rust and/or compromising of the galvanized finish.

Coatings

Check for any signs of rust and/or compromising of the coating finish.

Net

Check condition of.

Warning Sticker

Check still present.

