

## Daily Maintenance & Safety Checklist

### EXAMPLE ONLY

The instructions that the ride/device manufacturer provides **must always be followed when creating your checklist programme.**

**Note: Not all rides are the same – this checklist example is intended only to be used as a guide for information only.**

## JUNIOR ROLLER COASTER



When conducting work at height, you must follow Fun Park's working at height procedures and wear the appropriate fall protection devices

Lockout device **MUST** be deployed prior to entering ride's enclosure area.

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Check and clean the undersides of each car including motor blow out:

- Safety glasses or goggles **MUST** be worn while conducting this procedure

Check steering wheel and column are correctly torqued to 45Nm

Check wheel axles are secure, and wheels are free spinning

Check all car cables are in position and secure:

- Replace ties as needed – check cables for signs of floor contact and/or signs of abrasion

Clean and check both the front and rear running wheels:

- Replace wheels if – front ones are less than 230mm – rear less than 125mm

Check car underside stabiliser block thickness:

- Replace when measured at 10.5 mm or lower

Carefully apply silicone/chalk to all car bump tyres:

- Ensure this process is being maintained as needed

Lubricate the bell housing as needed:

- Grease fitting located at the base of the steering column unit

Lubricate the pedal hinges as needed:

- Use lubricant sparingly and clean as you go

### **PPM Checks**

### **CARS**

Be careful when lifting cars to ensure correct body position, posture and protection of the cars.

Car-care mats and pole support pedestals must be used.

Check individual car bump tyre pressures:

- Pressures should be maintained at a minimum of 25.6 psi

Check car pickups for wear:

- De-burr or replace as needed – replace when 5 mm or less
- Check pickup rubber stopper, support arm and spring

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## RIDE CONTROLS

Check ride control-panel functions:

- Check all control-panel functions, including ride E-Stop
- Check should include remote E-Stop located at the attendant's position

Test function of each car:

- General observation – smooth over-floor operation, no excessive vibration reactive steering, acceleration and stop

## Weekly Maintenance and Safety Checklist

### EXAMPLE ONLY

The instructions that the ride/device manufacturer provides **always must be followed when creating your checklist programme.**

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## Dodgems/Bumper Cars

### Lubrication Schedule

Remove all excess grease and lubrication – do not over-lubricate

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## **OPERATIONS AND SAFETY**

Wipe down equipment to remove any excess lubrication:

- Ride should be clean and presentable for guests

Check condition and position of safety and instructional signs:

- Ensure signs and notices are in good condition and free from damage
- Ensure secondary height check pole is in position and available for operational use

Check entrance/exit gates, ramps and all fencing:

- Ensure fencing and gates are in good condition and secure

Test operation of communication equipment – microphone and phone:

- Phone check dial control on 2600
- Ensure PA sound levels are correct and set to strength 6

Check that the fire extinguisher is in position, fully charged and the pin is properly secured:

- Ensure the label with the correct inspection year is present

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- Ensure pedal operates – press and return check

Foot pedal top disk MUST be in position and secure

Check condition, security and operation of ALL car steering wheels and face pads:

- Steering checks conducted during car test runs
- Face pads MUST be in good condition and secure

Check ALL car bumper tires for overall condition and correct inflation:

- Lubricate car bumper tires as needed – only use silicone/chalk sparingly and as needed

Check car stinger poles for correct position and security

- Check wipers for wear, padding, insulation and arm springs
- Replace all wipers that show signs of excessive wear

- Ensure canopy is tensioned and free from signs of damage

Check the overall condition of the power pickup net system, including all joints:

- Ensure tension units are correctly adjusted
- Ensure net is free from damage/holes

Check position and operation of lighting system:

- Check brackets and fasteners are secure
- Note any lights that are non-functional and report any that are

## **CAR**

Check ALL cars for seat-area damage and sharp edges:

- Examine overall condition, including lights, trim and general body
- Ensure that seat padding is in position and free from damage

Check condition and security of seatbelts:

- Ensure belts are free from damage – check includes function test (min two per car)

Check position and security of the car foot pedal:

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The use and content for maintenance and safety (pre-opening and PPM) checklists have evolved over the past 20 years.

Checklists today should be created and used not only as a guide for the inspection process, but also to provide information to the technician conducting the check, either on the checklist itself or in a support document.

**Note: Not all rides are the same – this checklist example is intended to be used as a guide for inspiration only.**

## **Dodgems/Bumper Car**

### **TRACK**

Check overall condition and security of floor plates:

- Check for loose screws, uneven edges and tension assemblies around the track perimeter
- Ensure ground blocking is in position and secure where visible

Check track edge bumpers for overall condition and security:

- Check for loose screws and uneven edges – ensure all leading edges are secure

Check roof structure supports and canopy:

- Ensure all pins, clips, straps and hooks are in place and secure
- Drain any collected water from edge traps

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