

# **Rake and Brush**

## **OPERATORS MANUAL**

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## **1.0 General Information**

DJ TURFCARE EQUIPMENT LTD Rake Brush - a hand operated Rake Brush incorporating both a spring tine rake and a turf brush. The steel chassis has been powder coated and the rake backing electro plated for durability and quality of finish. The spring tines are not plated to ensure their tensile qualities are not affected by the electroplating processes.

## **2.0 Intended Use for the Product**

The DJ TURFCARE EQUIPMENT LTD Rake Brush is only intended for use by trained groundsman for the purpose of surface conditioning grass lawns. The equipment may only be used on green grass foliage and horticultural loam based soil structures. Use for any other purpose is prohibited by the manufacturer, and may injure the operator, bystanders and could damage the equipment and the machinery, and could invalidate the warranty. Liability will not, under any circumstances, be accepted for misuse, abuse or neglect of , or in connection with, the product.

## **3.0 Specifications**

|        |                                      |
|--------|--------------------------------------|
| WEIGHT | 17kg (37.4 lbs.)                     |
| LENGTH | 1.12m (44")                          |
| HEIGHT | 1.13m (44½")                         |
| WIDTH  | 0.64m (25¼")                         |
| TINES  | 34off 2mm dia. 180mm working length. |

## **4.0 Safety**

Throughout these instructions additional safety reminders are made for the added benefit of all, however the following points must always be adhered to.

- 4.1 When working with the equipment, the first and most important consideration of the operator, mechanic or any other person must be SAFETY of ones self and others. Safe working practice must be implemented at all times.
- 4.2 The area of operation must be clear of all obstructions, hazards and bystanders.
- 4.3 Operation of this equipment may represent a Health & Safety Risk - implement a safety risk assessment prior to use.
- 4.4 For best results it is important that this equipment is maintained correctly. Neglecting to service and maintain the equipment is a safety risk.

4.5 The machine must be made safe before any maintenance, adjustment or repairs are made, no exceptions.

4.6 To make the machine safe to work on :-

- Place the machine in a safe environment.
- Ensure the spring tines are covered with a strong material i.e. thick cardboard.
- Keep the points of the spring tines to the ground whenever possible.
- Use safe working practice (conduct a risk assessment before commencing work)
- Work out how to carry out a repair before starting the job.

4.7 Wear safety foot wear and strong leather gloves when working with the machine.

4.8 The condition of the Rake Brush must be checked prior to each work period. If the machine is damaged it must be repaired prior to further use.

**WARNING** – A LOOSE OR DAMAGED SPRING TINE COULD SERIOUSLY INJURE A PERSON OR ANIMAL IF IT BECOMES DETACHED FROM THE MACHINE AND IS LEFT IN THE LAWN. LOCATE ANY MISSING TINE PRIOR TO ALLOWING FURTHER USE OF THE LAWN AREA IN WHICH THE TINE WAS LOST.

## **5.0 Build Up Instructions**

DJ TURFCARE EQUIPMENT LTD equipment is shipped in a semi-assembled condition and it will require a Pre Delivery Inspection (PDI) to ensure it is fully functional and in a safe condition.

The handle bars will need to be bolted onto the chassis with the plastic knob, M8 nut and washers provided. Thoroughly tighten all the nuts and bolts to ensure that they are secure.

## **6.0 Adjustments**

The operational adjustments that can be made are to the basic set up of the machine. The handle bars can either be set as fixed or floating by tightening the black plastic knob or running with it loose. The operator can select the rake or brush, by sliding the lock plate back and rotating the head to select the desired tool. The head can either be run without the locking plate as fully floating or with the lock plate engaged in a semi locked position i.e. allowing approximately 5° floatation.

### **NOTE**

When carrying out adjustments observe safe working practice and ensure that the Rake Brush is in the “made safe” condition as per Section 4.0 Safety of this book.

## **7.0 Operation**

The DJ TURFCARE EQUIPMENT LTD product range has been designed to give simple and effective operation. Use the Rake Brush in straight lines to prevent turf and tine damage.

To transport the Rake Brush rotate the handle bars over the axle so that the brush head is in the air above the wheels.

Select the desired brushing head and rotate the head accordingly. The operator can vary the brushing affect by applying light pressure to the handle bars during use.

### **NOTE**

DO NOT PLACE ANY PART OF YOUR BODY, YOUR FINGERS OR HAND ON THE RAKE BRUSH SPRING TINES - THE POINTS ARE SHARP AND COULD CAUSE SERIOUS INJURY EVEN WHEN STATIC.

### **NOTE**

Operation of equipment may represent a Health and Safety risk - it is the responsibility of the Owner, Operator or Site Manager to implement a risk assessment prior to use.

### **NOTE**

When operating this equipment the area must be cleared of all obstructions and bystanders. It is the responsibility of the Operator or Site Manager to ensure that all safety rules and regulations are observed and applied during the use of this product. DJ TURFCARE EQUIPMENT LTD will not accept claims for damage, injury or liability caused by misuse, abuse or careless use of this product.

## **8.0 Maintenance**

The DJ TURFCARE EQUIPMENT LTD product range has been designed for ease of maintenance, however it is not maintenance free.

### 8.1 Daily Maintenance

The equipment must be inspected prior to each work period for signs of damage of deterioration, check for :-

- the structural integrity of the machine - bent or damaged equipment must be removed from service and sent for professional repair.
- the condition of and security of the points must be checked before each work period – broken or damaged points must be removed or repaired before further use.
- All hardware must be checked for tightness. Any missing hardware must be replaced.

### 8.2 Annual Maintenance

Carry out all the daily checks. Replace warning decals if damaged or missing.

### **NOTE**

Safe working practice must be applied whenever any maintenance is carried out on this machine. See section 4.0 Safety of this manual.

## **9.0 Help - Contacts**

For service or technical information please contact :-

DJ Turfcare Equipment Ltd.  
MJF Yard  
Chiddingfold Road  
Dunsfold  
Nr.Godalming  
Surrey  
GU8 4PB

Tel: 44 (0) 1483 200976  
Fax: 44 (0) 1483 200983  
E mail: [sales@djturfcare.co.uk](mailto:sales@djturfcare.co.uk)

OR

Your supplying Dealer (Dealer please stamp here) :-

## **10.0 Warranty**

The warranty only applies to items of DJ TURFCARE EQUIPMENT LTD manufacture that fail due to faulty workmanship or materials within the warranty period of 1 year from the date of purchase.

### **THE WARRANTY COVER**

10.1 Manufacturing or assembly defects in wholegoods which become apparent during the acknowledged warranty period, provided a completed warranty registration has been returned to DJ TURFCARE EQUIPMENT LTD within 14 days of sale.

Failure to register the machine with DJ TURFCARE EQUIPMENT LTD will invalidate the warranty.

10.2 Manufacturing defects in genuine service parts apparent within three months of purchase, provided they are fitted to a standard DJ TURFCARE EQUIPMENT LTD machine by a competent mechanic.

10.3 Claims must be submitted within 30 days of repair. Claims outside this time will be rejected.

### **Note**

A warranty authorisation number is required for all claims. Fax on 44 (0) 1483 200983 for authorisation – DJ TURFCARE EQUIPMENT LTD may be able to provide additional information to aid your repair. Please provide a brief description of the failure and the machine serial number.

## WARRANTY DOES NOT COVER

10.4 Blades, knives, spring tine points and brushes are the responsibility of the customer in all cases.

10.5 Oils and lubricants are the responsibility of the customer in all cases.

10.6 The warranty does not cover abuse, misuse, accidental or unintended damage to the equipment. Nor does it cover fire, theft or vandalism. Claims that result from a lack of maintenance or incorrect application or adjustment of the equipment will not be accepted.

10.7 Failure due to corrosion, rot or chemical attack i.e. fertiliser, or unfair wear and tear are not covered by this warranty.

10.8 Liability for consequential or third party losses or any other costs / claims will not be accepted by DJ TURFCARE EQUIPMENT LTD under this warranty. This does not affect your statutory rights.

10.9 The warranty does not cover the following:-

10.9.1 Failure where the equipment has been modified or changed in any way from the DJ TURFCARE EQUIPMENT LTD specification or where non-genuine parts of an inadequate quality have been fitted.

10.9.2 Unapproved accessories, nor for failures resulting from the fitment or use of these accessories.

10.9.3 Costs incurred in transportation or travelling expenses incurred as a result of any failure.

10.9.4 Parts or third party repairs for which a DJ TURFCARE EQUIPMENT LTD part number or a copy invoice cannot be produced.

10.9.5 If the type or serial numbers have been altered, removed or made illegible in any way.

10.9.6 Failure due to fair wear and tear.

## 11.0 Customer Feedback

### CUSTOMER FEEDBACK FORM

You comment or observation :-

How would you resolve or correct the point you are making :-

Would you recommend the Equipment:-

Why :-

Your name (please print) :-

Contact number :-

Mobile :-

Address :-

Thank you for taking the time to make your comment, please post this sheet to DJ Turfcare Machinery Ltd, MJF Yard, Chiddingfold Road, Dunsfold, Nr. Godalming, Surrey, GU8 4PB, England.

You can fax your comment to ++44 (0) 1483 200983 or Email : [sales@djturfcare.co.uk](mailto:sales@djturfcare.co.uk) .

## 12.0 Environment

Please complete this form and then detach it from your manual. Return it to DJ Turfcare Equipment Ltd. MJF Yard, Chiddingfold Road, Dunsfold, Nr Godalming, Surrey, GU8 4PB to ensure your machine is registered for warranty.

This Equipment has been designed with the environment in mind. Wherever possible DJ TURFCARE EQUIPMENT LTD has used the minimum amount of materials to the best effect. Quality has not been compromised and yet effectiveness has been enhanced by this policy.

It is the responsibility of the owner/operator to ensure that all components are disposed of in an environmentally conscientious manner. Approved disposal sites must be used at all times. If a recommended site is not available please return the item, carriage paid, to DJ TURFCARE EQUIPMENT LTD by a safe and clean method, for disposal.

Suggested disposal methods :-

- Cardboard : paper mill collection point
- Timber : reuse for other applications
- Plastic : local authority disposal point
- Metal : scrap collection service for recycling

Note :

DJ TURFCARE EQUIPMENT LTD has an Environmental Policy Statement and participates in "good environmental practice". Please ask for a copy of our Environmental policy if this subject is important to you or your organisation.

### **13.0 Parts List**

| <b>Description</b> | <b>Part Number</b> | <b>Quantity</b> | <b>Notes</b>        |
|--------------------|--------------------|-----------------|---------------------|
| Wheel              | 00001001           | 2               |                     |
| Split Pin          | 10000001           | 4               | Wheel retaining     |
| Washer             | 00035703           | 4               | Wheel retaining     |
| Side Plate         | 00001002           | 2               |                     |
| Axle               | 00001003           | 1               | Wheel supporting    |
| Beam               | 00001004           | 1               | Inc. pivot pin      |
| Bolt               | 00037101           | 4               | M8 x 75             |
| Nut                | 00035536           | 3               | M8 Nylock           |
| Washer             | 00035531           | 4               | 8mm                 |
| Knob               | 00001005           | 1               | Black Plastic       |
| Rake Section       | 00001006           | 1               | Assembly with tines |
| Brush              | 00001007           | 1               |                     |
| Handle Bar         | 00001008           | 1               | Weld assembly       |
| Hand Grip          | 00001009           | 2               |                     |
| Locking Plate      | 00001010           | 1               | Pivot lock          |
| Catch Plate        | 00001011           | 1               | On rake backing     |

# Warranty Registration Form

## DJ Turfcare Equipment Ltd.

**CUSTOMER DETAILS :-**

Contact name  
Customer name  
Address

Post Code

Contact phone number

Fax number

**MACHINE DETAILS :-**

Model name  
  
Serial number  
  
Engine number  
  
Date of supply

**DEALER DETAILS :-**

Contact name  
Dealer name  
Address

Post Code

Contact phone number

We have read the instructions and Operators Manual relating to the above machine and accept the Manufacturers Warranty Terms and Conditions.

The above machine has been installed to my satisfaction and all relevant Health and Safety issues have been satisfactorily explained to me.

Signed

Date

Print

Position