

## **Multi-Tip MT2 User & Safety Notes** *Read and Fully Understand Before Use*

*Congratulations for ordering your new Multi-Tip system. This system should give you hours of trouble free and economical use if used and maintained properly.*

*Safety is paramount so please read all notes and take care at all times. A copy of these notes is available free of charge at your request. They are also available on our web site - [www.multi-tip.com](http://www.multi-tip.com). These safety instructions only address the basic safe use. It would be impossible to describe all possible risk situations that could arise when using the machine. You can however prevent accidents by always using common sense. If you are not comfortable with the operation or are unsure about the safety risks you should not use this system.*

*MT2 has been designed with safety first. Then we optimise performance and ease of use.*

*The new, patent pending locking system reduces stress on the bolt considerably. The bolts only function now is to pull the keeper block in and down, stopping the tooth from lifting out of it's notch. Consequently, it's not necessary to tighten the bolt any more than 45Nm.*

*The tooth is designed to reduce flying debris whilst also protecting the wheel from wear and increasing performance.*

*Changing teeth quickly and efficiently with minimal tools has always been a priority in the design. You will notice that there is no longer a threaded insert. The thread is incorporated in the tooth itself, which means it will be changed every time you change the tooth. Consequently the bolt should last longer. Clean bolts of dust before refitting.*

### **Fitting A New Wheel**

*Be sure that you have the correct wheel for the machine. Fit in accordance with the machines user manual. Check all bolts and replace if worn.*

### **Fitting Teeth To A New Wheel**

*Always load the entire wheel with component and half tighten. Then work your way around the wheel tightening to 45Nm*

**TIP** - *Change leading teeth regularly and reuse blunt leaders in non-leading positions.*

**Caution** • *Sharpening of tungsten carbide can be extremely bad for your health if particles are breathed in.*

*Wear personal protective clothing, helmet and mask.*

*Dust can cause serious health problems. Wear a mask*

*Refer to safety practices in the machines user manual.*

*Multi-Tip teeth should only be fitted to wheels manufactured by Multi-Tip*

*Multi-Tip wheels should only be fitted to machines that they are designed to fit.*

*Bolts and nuts should be replaced regularly.*

*We recommend only Multi-Tip supplied bolts and nuts should be used as they will be of the correct quality, tensile strength and hardness.*

*Change teeth in opposite pairs to maintain balance.*

*Teeth should be replaced once blunt or worn out.*

*Debris will be ejected from stump. To protect people and property, supplementary screening should be used.*

*With exception to the operator all people and animals should be kept away from the working machine.*

*Only wood and soil to be ground. Harder material will cause excessive damage.*

*Concrete, rocks metal object etc. should be removed before commencing.*

*Wire or rope should be well away from area.*

*Keep away from all services, particularly electricity.*

*Ensure the wheel turns freely without fouling before starting the machine. Check bolts are tight.*

*Machinery must be switched off and immobilized before attempting to change teeth.*

*A company must also make sure that members of the public are not harmed by the companies activities.*

*Teeth are sharp and can cause damage even if the machine is switched off.*

*Wear safety goggles and gloves when changing teeth.*

*Multi-Tip will not take responsibility for any damages incurred by using this system.*

*No responsibility will be taken for machinery breakdown caused by fitting the MultiTip system.*

*Fitting the wheel must be undertaken by competent persons.*

*All machinery guards should be fitted and intact.*

*Never use this system without all components in place.*

*Teeth must be held tight in the slots of the wheel. Only use in daylight or well lit areas.*

*Failure to change a worn wheel could result in breaking of bolts and ejection of teeth, which could cause damage to property serious injury or death.*

*Never stand uphill or downhill of the machine.*

*As it's impossible for Multi-Tip to know the conditions in which the machinery is working, there is no warranty on either the teeth or the wheel.*

*All safety and emergency controls must be in use.*

*Never approach the wheel until it has completely stopped.*

**Disclaimer**

*The contents of this document are for information only and cannot be considered as giving full information for all circumstances in which Multi-Tip equipment will be fitted and operated. Multi-Tip will not accept any liability for injury or damages caused by misuse of the product,*

*be it intentional or not. Tree stump grinders and the nature of the work have the potential of being very dangerous if safety is not taken seriously.*

**TAKE CARE AT ALL TIMES**

*Prior to using this equipment it is recommended that a full and thorough risk assessment is*

*undertaken. It is a legal requirement under British Health and Safety Law but it will also allow you to identify the safest way to operate this type of equipment.*