

Magnum 130 & 150

BELT TENSION

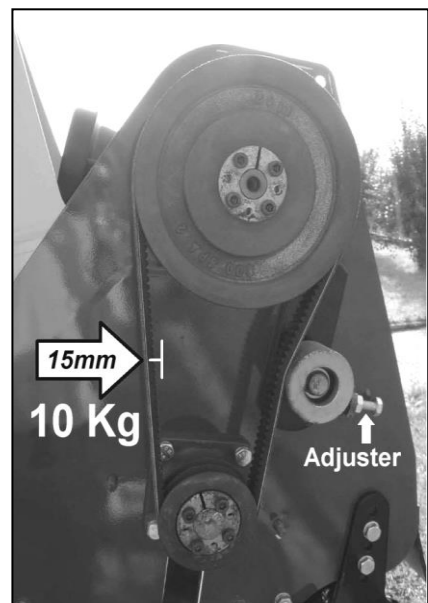
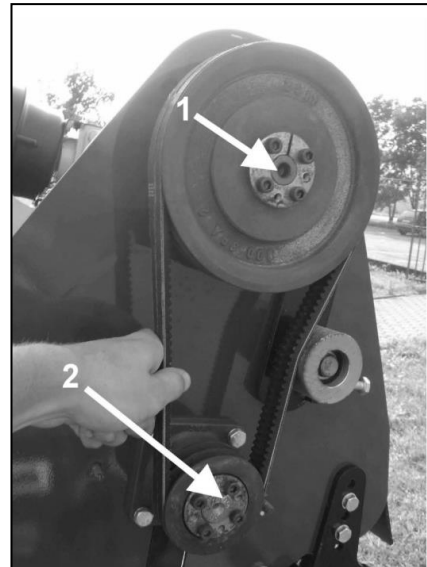
It is important for both optimal machine performance and long lasting belt life that the belts are correctly tensioned at all times. Tension is correct when a force of 10 kg exerted on the belts at their mid-point between the upper and lower pulleys deflects the belts by 15mm.

After an initial first 2 hours of work check belt tension and taper locks (indicated 1 & 2 in the photo opposite) and tighten if required. Taper lock torque setting = 45Nm

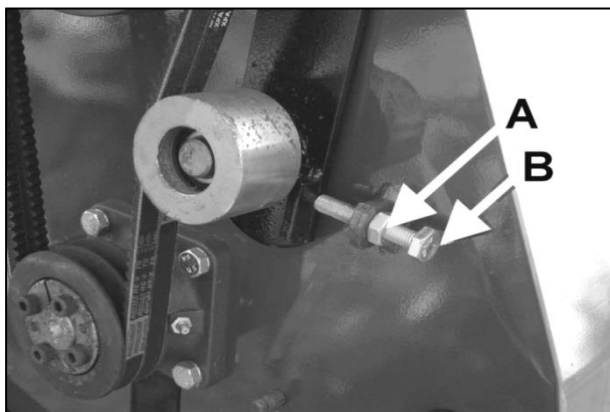
If the belts require tensioning follow the procedure stated below.

BELT ADJUSTMENT

Adjustment of the belt tension is performed by loosening the adjuster locking nut and turning the adjuster bolt to increase or decrease the pressure of the tensioner pulley until belt deflection matches the required measurement – see photo opposite. Belt tensioning should be performed when the belts are cold.



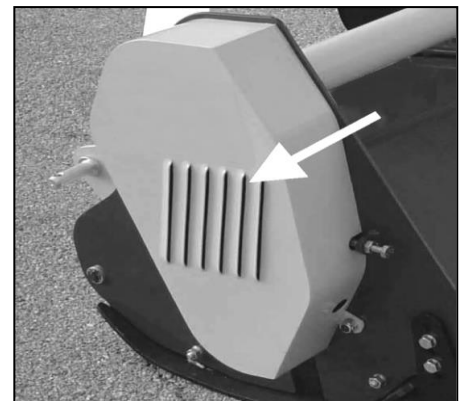
Belt tension and adjuster location



A – Adjuster locknut B – Adjuster bolt

No other adjustment or maintenance is required on the belt tensioning system other than routine inspection and general cleaning of components when inspecting belt wear.

WARNING: Checking of belts and drive components should only be carried out with tractors engine switched off, starting key removed and the PTO shaft disconnected. Never attempt to run the machine with the belt guard removed.



Refit belt guarding before running the machine ►



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