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Well Tempered Record Player, Classic or Reference Polyester Thread Drive Kit

Parts required

pulley and reel of polyester thread, drawing tack, 1.27mm or 0.0500 hexagon key and 1 dressmaking pin - all supplied with kit

1 piece corrugated cardboard 25 X 6 inches (eg flap from box) or length of softwood
pencil, scissors, measuring tape
Thin steel rule or paint scraper

Pulley Fitment

Remove existing belt, undo grub screw on pulley if present and pull off old pulley. It may be necessary to give it a little help with a paint scraper or thin steel rule. Using a few business cards to space the pulley from the top plate offer up the new pulley and push it onto the shaft. **Note** that if it is a loose fit a few pin pricks on the inner diameter will tighten it.

Belt making and fitting instructions

Push the drawing tack part way into cardboard or wood about 1 inch from one end. Remove tack then measure half desired belt circumference (18 1/8 ") from the hole marking the cardboard at this point. Push the dressmaking pin into cardboard or wood at the mark. Replace tack again only part way into cardboard at its original position. Note that belt size is not crucial to speed and if you find the belt parts when moving it to 45 then try making it a bit longer. One's technique may differ too. The belt will relax a little after some use.

Loop 60 inches of polyester thread around the tack and hold the ends together. Keep thread taught while starting an overhand knot with a large loop at the end of the thread. Slide the loop up the thread till it will fit over the pin. Pull ends of thread tight so the knot closes on the pin, hold between thumb and forefinger. Keep thread taught while removing the pin. Pull the thread taught to seat the knot, take care not to pinch the polyester. Trim the ends leaving them one-quarter inch - this reduces noise.

The belt should be a tight fit. Loop belt around motor pulley, hold taught with left hand while holding the belt against the platter running surface with your right hand. Slowly turn platter clockwise with right hand until belt is fully around the platter. Like fitting a bicycle chain. When removing the belt it is easiest to slide it off the platter first.



Overhand Knot

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Cardboard flap beltmaker

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