



**Timberkits**<sup>TM</sup>

# Universal Electric Drive Kit

Models shown mounted on Electric Drive are not included



(UK) Symbols in these instructions. (FR) Symboles des instructions. (ESP) Símbolos en estas instrucciones. (IT) Simboli in queste istruzioni. (Ger) Symbole in dieser anleitung



(UK) Waiting time.  
(FR) Temps d'attente.  
(ESP) Tiempo de espera.  
(IT) Tempo d'attesa.  
(DE) Wartezeit.



(UK) Wax surface to lubricate.  
(FR) Appliquer la cire sur cette surface.  
(ESP) Aplica la cera sobre esta superficie.  
(IT) Applicare la cera su questa superficie  
(DE) Wax Oberfläche zu schmieren.



(UK) Glue.  
(FR) Coller.  
(ESP) Pegar.  
(IT) Incollare.  
(DE) Leimen



(UK) Don't glue.  
(FR) Ne pas coller.  
(ESP) No pegar.  
(IT) Non incollare.  
(DE) Nicht leimen.



(UK) Glue guard. Prevents glue getting between moving parts during build. Remove after 2 minutes.  
(FR) Piece de protection contre la colle. Pendant l'assemblage, eviter tout dépôt de colle sur les pieces en mouvement. Enlever apres 2 minutes.  
(ESP) Parte de protection de el pegamento. Durante la fase de ensamblaje, evitar que el pegamento se ponga sobre partes que se mueven. Quitar despues de dos minutos .  
(IT) Pezzo di protezione della colla. Durante l'assemblaggio evitare che la colla vada su parti non statiche . Imuovere dopo due minuti.  
(DE) Karton. Verhindert das eindringen von leim zwischen die bewegliche teile während der montage. Zwischen die beweglichen Teile.

#### Helpful hints/conseils utiles/consejos utiles/suggerimentutili/nützliche tipps

(UK) Check all parts present in trays  
(FR) Vérifier que toutes les pièces soient présentes dans les bacs  
(ESP) Controlar que hay todas la partes en la caja  
(IT) Controllare tutte le parti presenti nel kit  
(DE) Bitte prüfen sie, ob alle benötigten teile vorhanden sind

(UK) Read all instructions and look at all diagrams  
(FR) Lire toutes les instructions et regarder toutes les figures  
(ESP) Leer las intrucciones y guardar a los diagramas  
(IT) Leggere tutte le istruzioni e guardare i diagrammi  
(DE) Lesen sie alle anweisungen und betrachten sie die schaubilder

(UK) Check assembly before gluing  
(FR) Vérifier le montage avant collage  
(ESP) Controlar el montaje antes de empezar a pegar  
(IT) Controllare l'assemblaggio prima di incollare  
(DE) Montage prüfen vor dem einklebern

(UK) Some parts may need sanding  
(FR) Certaines pièces nécessiteront d'être poncées.  
(ESP) Algunas parte necesitan de ser suavizadas  
(IT) Alcune parti potrebbero aver bisogno di levigatura  
(DE) Möglicherweise müssen manche teile geschliffen werden

Colouring tips/conseils concernant l'application de peinture/ consejos para Pintar/ suggerimenti per colorare/ lackiertipps

(UK) Do not apply paint to parts which move against one another. It is easier to paint some parts before assembling  
(FR) Ne pas appliquer de peinture sur les parties qui se déplacent l'une contre l'autre. Il est conseillé de peindre avant assemblage  
(ESP) No aplique la pintura sobre las partes que se tocan. Resulta mas facil pintar las partes antes de montar.  
(IT) Non applicare la pittura su quelle parti dove ce attrito con un'altra parte. è piu semplice pitturare alcune parti prima della fase di assemblaggio.  
(DE) Teile, die aneinander reiben, sollten nicht lackiert werden. Fertig lackierte teile sind off leichter zu montieren

#### New Symbols in our Instructions



Visit our website to view instructional videos where you see this symbol.

[www.timberkits.com](http://www.timberkits.com)



Pay special attention to this section.



**NEED ADVICE?**



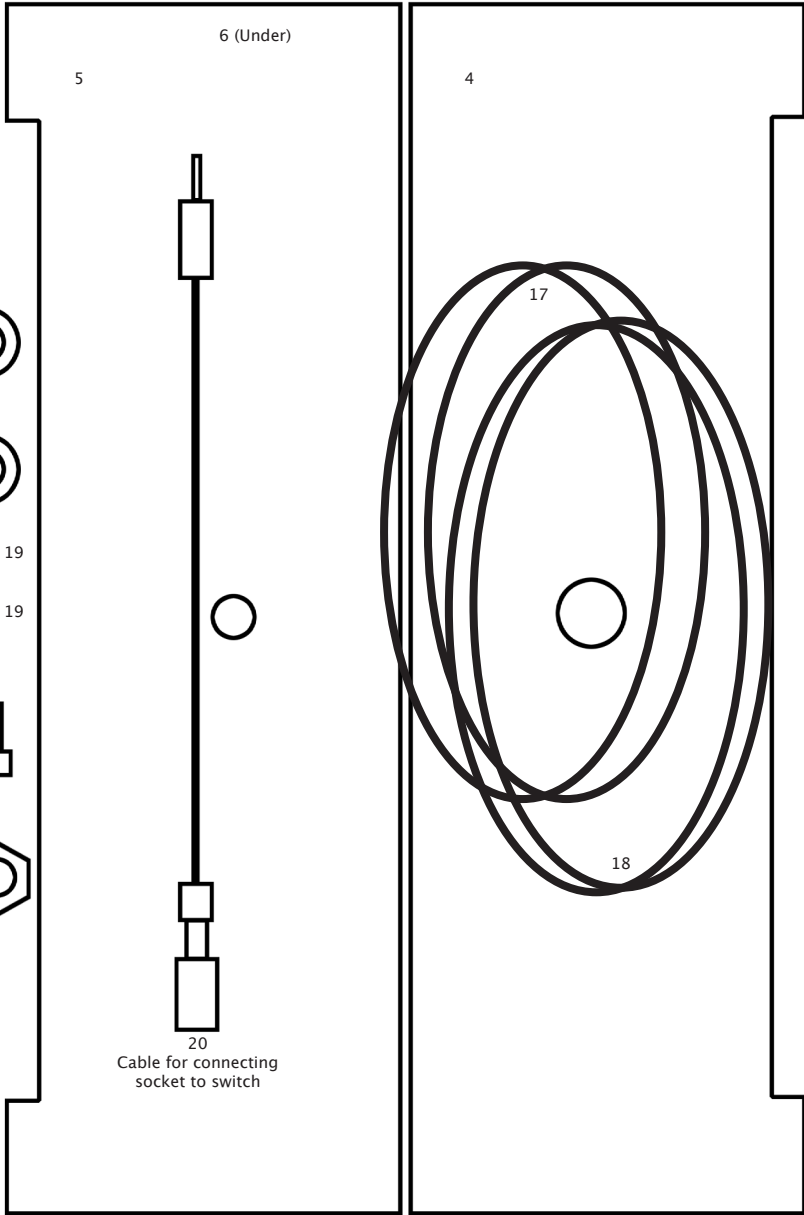
**Luise Willis - Model Expert**

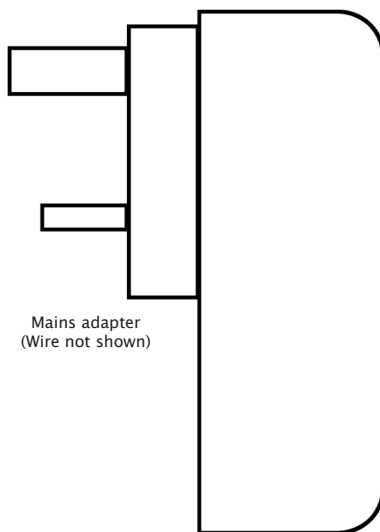
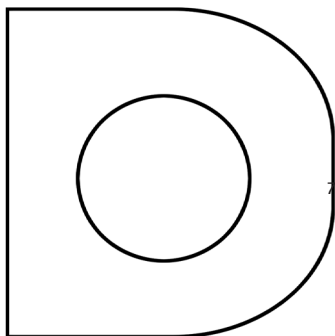
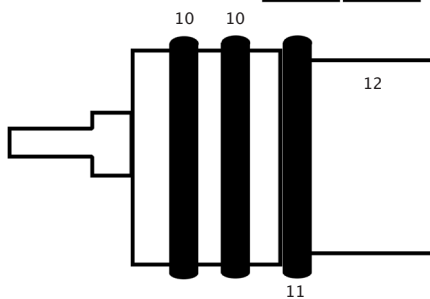
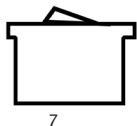
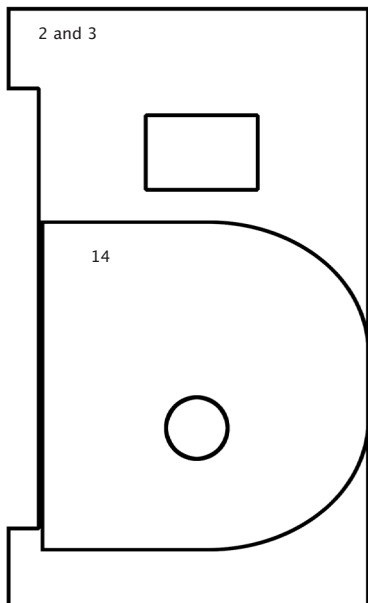
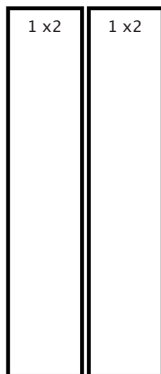
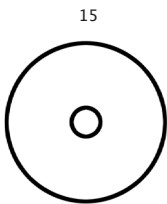
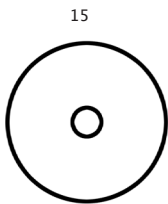
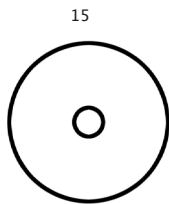
There's a Timberkit human  
here to help!

Call: 01650 521635

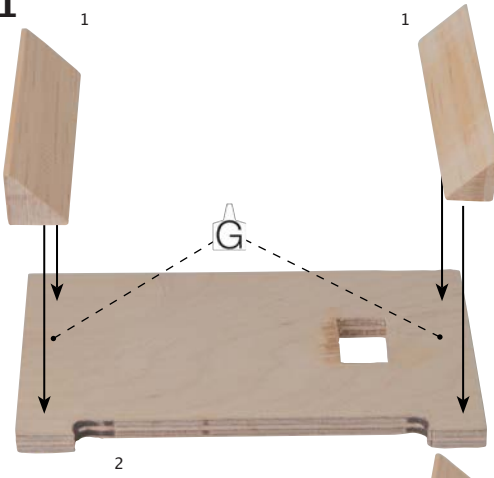
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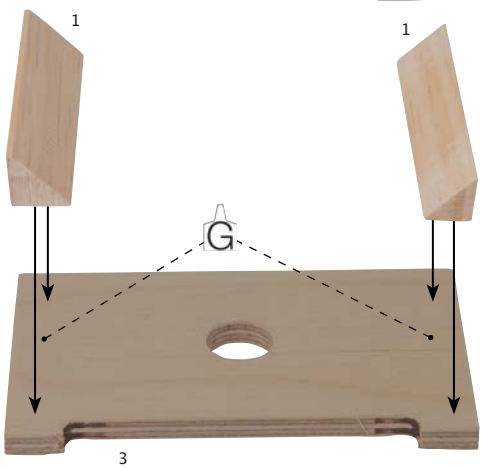
1



Read the instructions carefully before starting. If possible, build the model alongside the electric drive kit but don't worry if you have already built the model. The handle can be removed and we will show you how later in the instructions. Any model in the Timberkits Range can be fitted to this electric drive kit apart from the Ballista, Chuffy Train and Trebuchet.

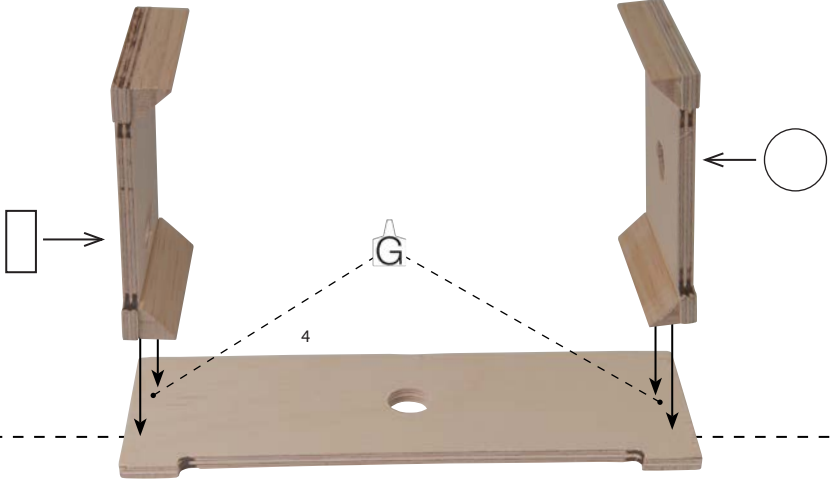


2

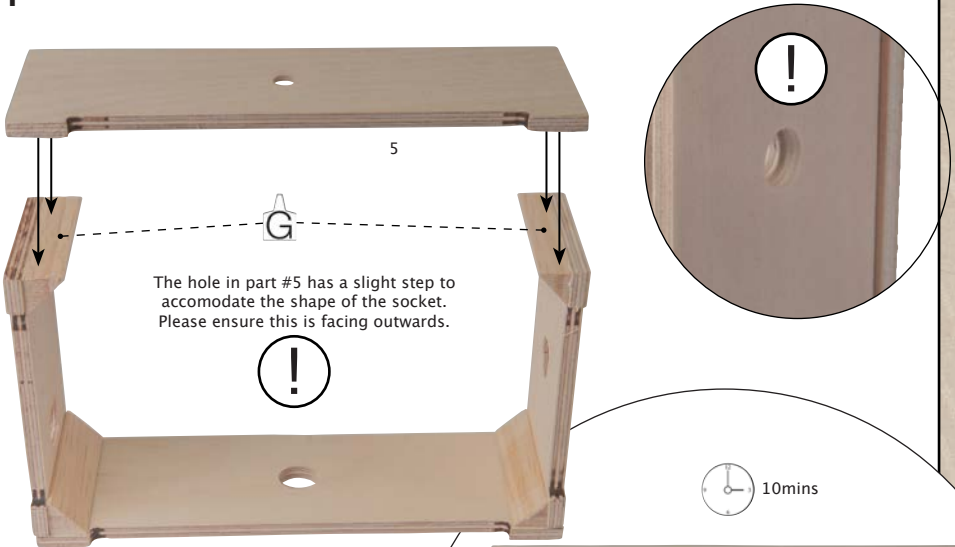




3



4



The hole in part #5 has a slight step to accommodate the shape of the socket. Please ensure this is facing outwards.

10mins

6



5

6



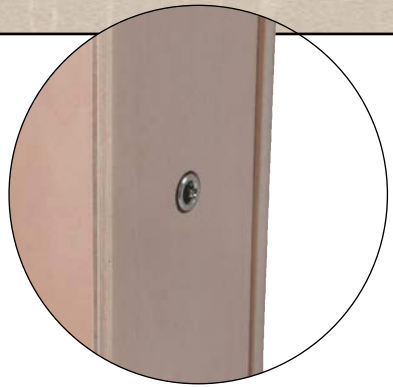
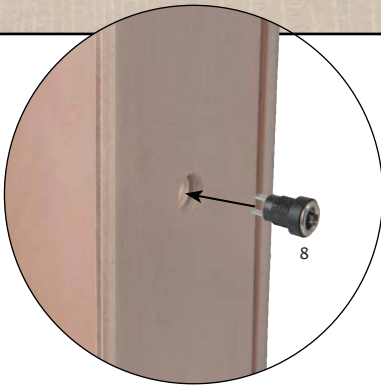
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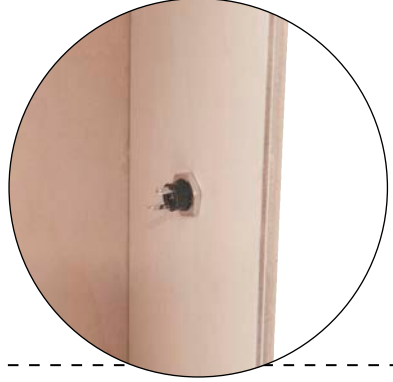
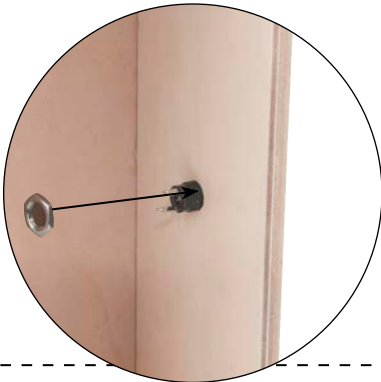
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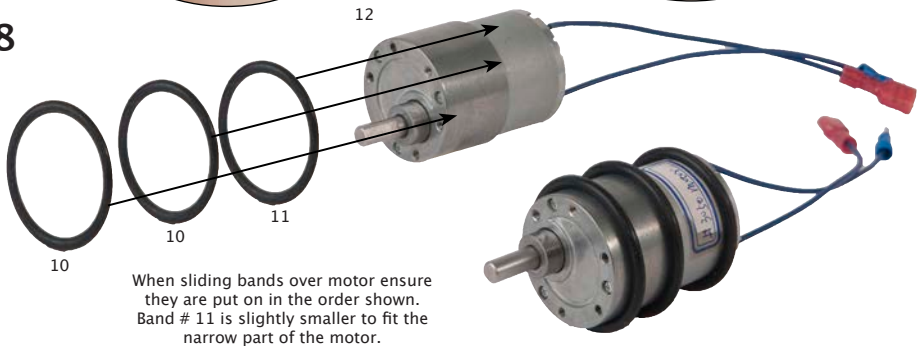
7



9



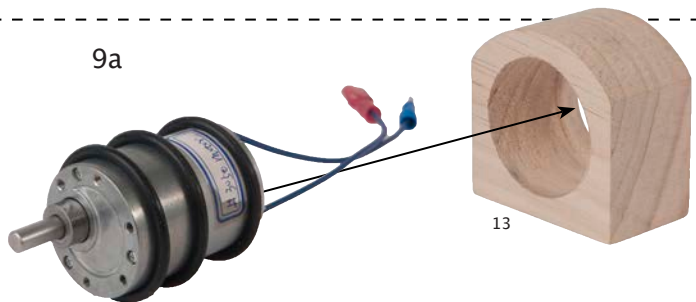
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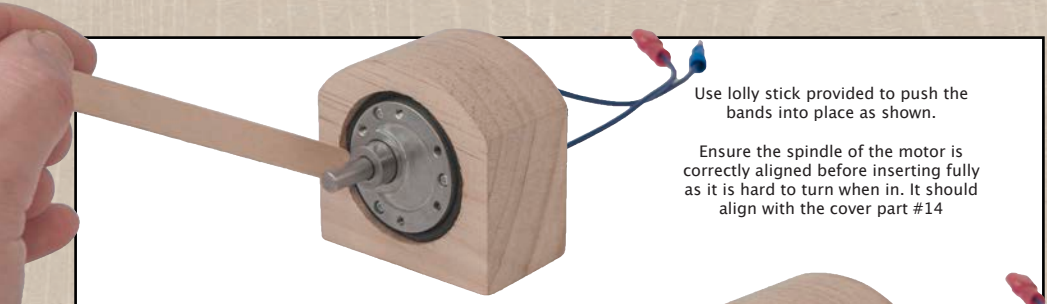


When sliding bands over motor ensure they are put on in the order shown. Band # 11 is slightly smaller to fit the narrow part of the motor.

9

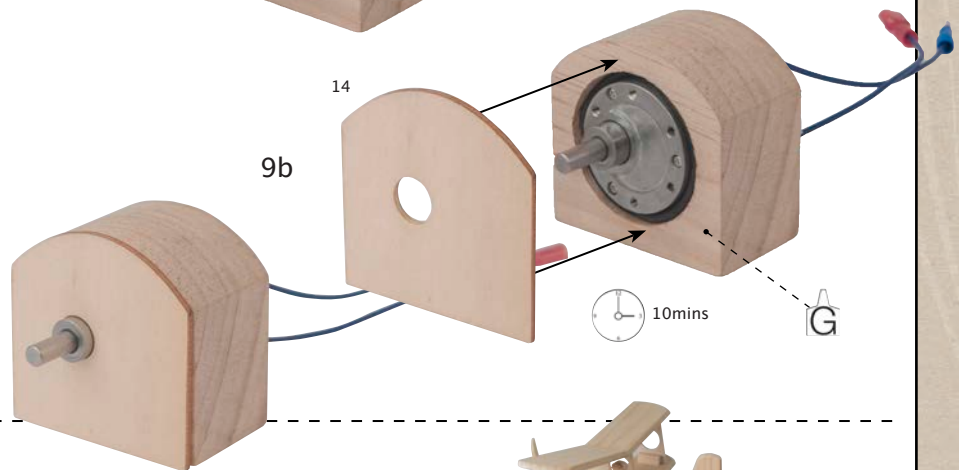
9a



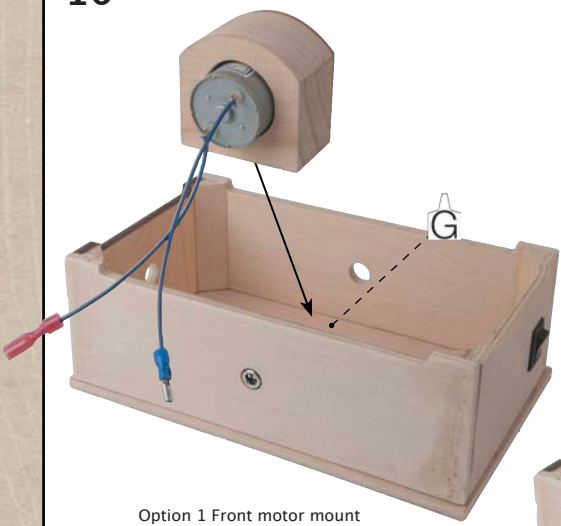


Use lolly stick provided to push the bands into place as shown.

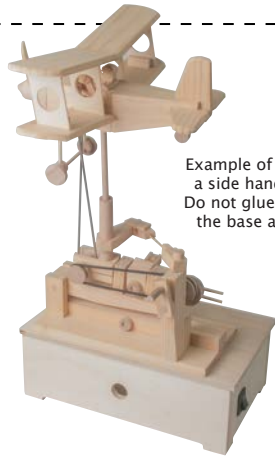
Ensure the spindle of the motor is correctly aligned before inserting fully as it is hard to turn when in. It should align with the cover part #14



10

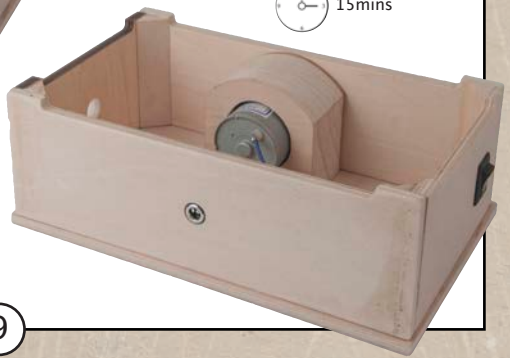


Option 1 Front motor mount  
Assemble base this way if Timberkits model requires the motor mounted on the side.

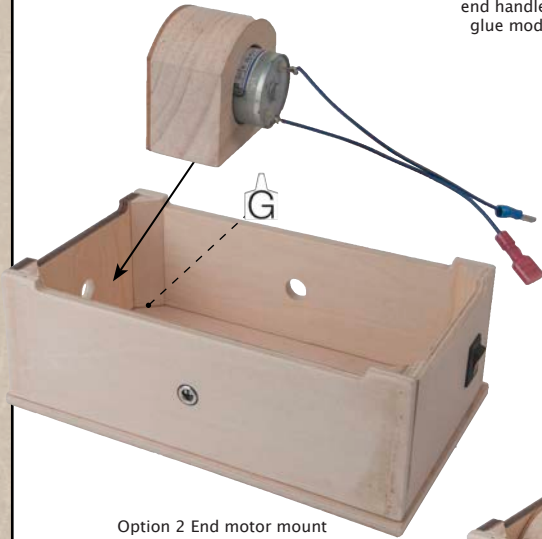


Example of a model with a side handle location. Do not glue the model to the base at this point.

15mins



11



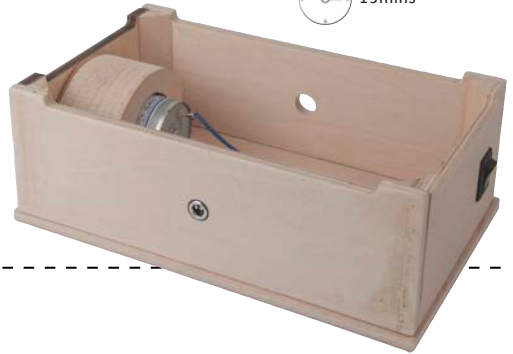
Example of a model with an end handle location. Do not glue model to base at this point.



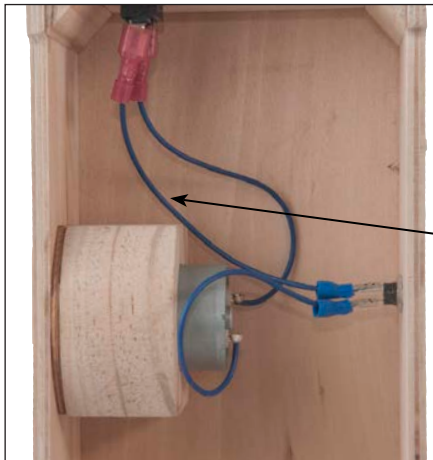
15mins

Option 2 End motor mount

Assemble base this way if Timberkits model requires the motor mounted on the end.



12



Connect blue wires to back of socket and the red to the switch.



When fitting the pulley wheel (part 15) use a small dot of superglue on the metal spindle before pushing into place. Do not push too tight against the side of the box (Superglue not supplied)

15



## 13

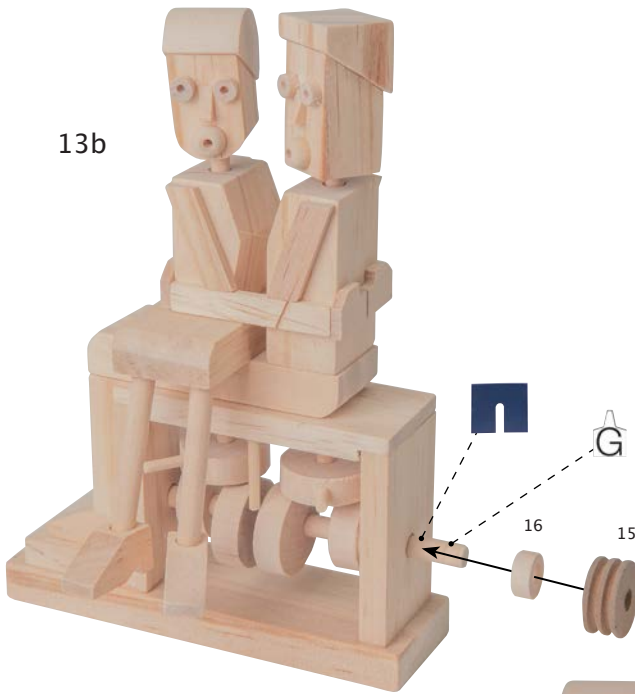


13a

To convert a manually operated model you will need to replace the handle with a pulley wheel that will take the drive belts.

If you have already built the model, carefully remove the handle crank and the spacer behind it with side cutters (or similar) as shown. Be careful not to cut through the main drive shaft. Then proceed as shown on the next page.

13b



This method is the same for all models with a single drive mechanism.

For models with two drive mechanisms, such as the Vintage Car or Stephenson's Rocket, follow the steps on page 14.

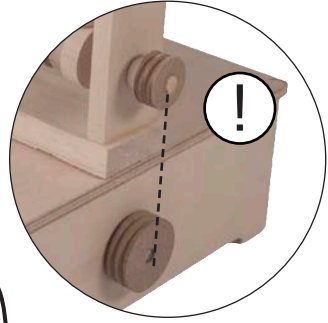




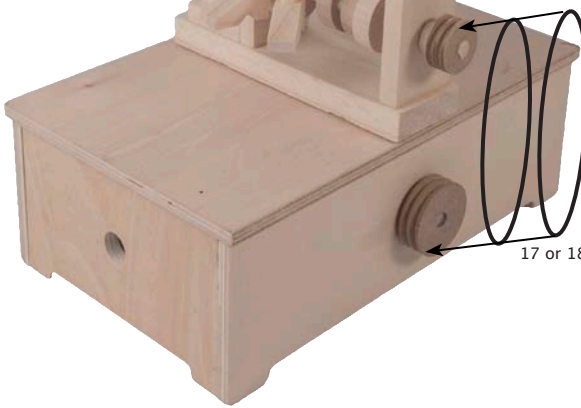
13c

Fix the model to the base using either glue or strong double sided tape (if you would like to use different models on the base).

Ensure correct alignment



17 or 18



Select the most suitable length of drive belts for your model.

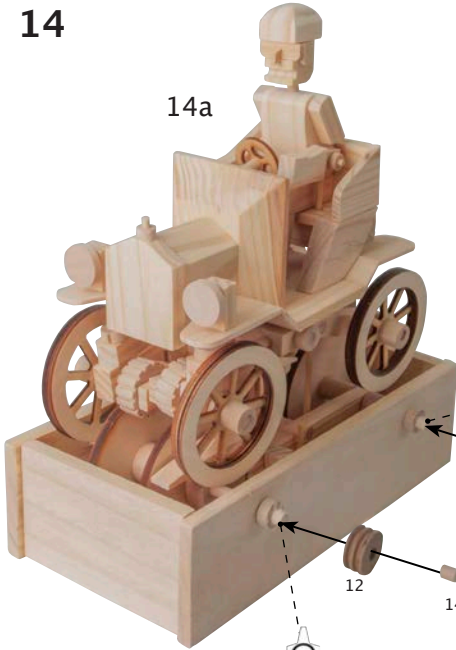
17 or 18





# 14

14a

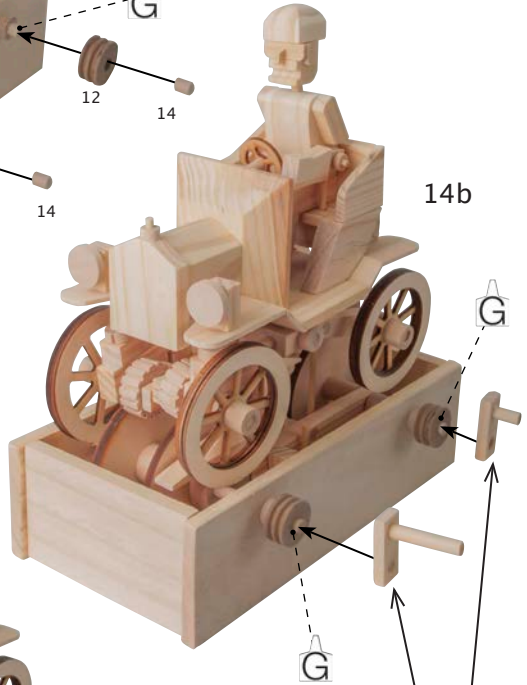


**Stephenson's Rocket and Vintage Car:** The pulley wheels cannot be fitted retrospectively on these two kits.

Follow the colour photo instructions for making the hand-operated Rocket up to Stage 18 and the Vintage Car up to Stage 35/36.

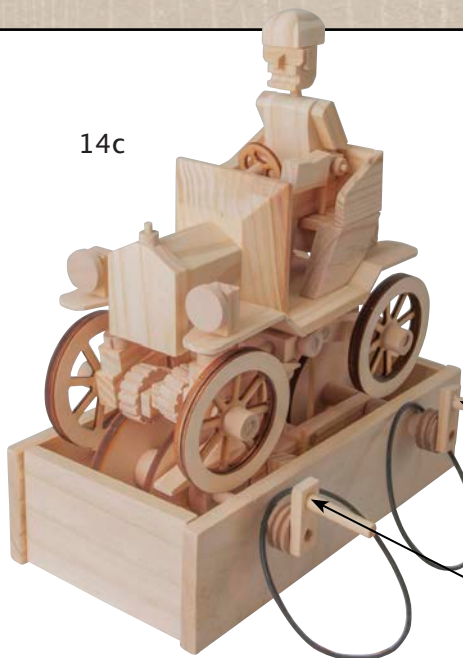
You now need to extend the two drive axles to accommodate the two pulley wheels needed to drive the model. To do this follow the photos shown below. These photos show the extension being done on a finished model but you will be doing this before you push the main drive shafts through the model bases.

14b



These parts are found in the Vintage Car and Stephenson's Rocket kits. Align as shown in the main kit instructions

14c



Place the 2 drive belts onto the model at this stage,

Select the shortest pair of bands provided for your model.

These parts are found in the Vintage Car and Stephenson's Rocket kits.

14d

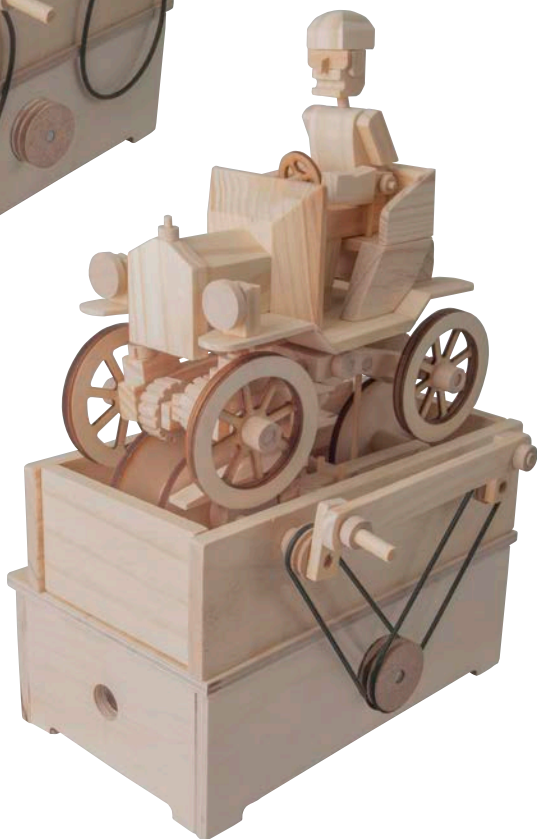


These parts are found in the Vintage Car and Stephenson's Rocket kits.



14e

Fix the model to the base using either glue or strong double sided tape (if you would like to use different models on the base).





Plug the adapter into the socket on the base. Do this before plugging into the mains.



The following models require the motor to be mounted on the side of the base

- Skateboarder
- T-Rex
- Fish
- Pirate Panic
- Rower
- Beam Engine
- Bi-Plane
- London City Scape
- Salty Sailor
- Ocean Motion
- Dragon
- Drummer
- Guitarist
- Pianist
- Magician
- Vintage Car
- Stephenson's Rocket
- Uni-Cyclist
- Kissing Couple
- Medieval Mayhem



The following models require the motor to be mounted on the end of the base

- Accordion Player
- Caterpillar
- Double Bass Player
- Cheeky Monkey
- Chirpy Chicks
- Xylophone



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