DURATRAX PREASSEMBLED UNIVERSAL STARTER BOX

IF YOU HAVE ANY QUESTIONS ON THE ASSEMBLY OR USE OF THIS PRODUCT, PLEASE CALL PRODUCT SUPPORT AT (217) 398-8970 OR E-MAIL AT productsupport@hobbico.com

CAUTIONS

- Always turn your starter box “off” when not in use.
- You should frequently check the wires on the starter box for damage. If a wire is damaged, replace it immediately. Not replacing damaged wires could cause a short, resulting in a fire.
- Do not stall the starter wheel. This could cause damage to the motors and batteries.

GEL CELL BATTERY INSTALLATION

❏ 1. Install the gel cell battery holder (9) into the starter box. Secure the battery holder into the starter box using (4) 3x10mm self tapping screws.

❏ 2. Install the gel cell battery lead (17) into the starter box. First install the charge jack portion of the leads onto the charge jack inputs (12) on the side of the starter box. Next install the crimp connectors onto the battery tabs. **NOTE: Make sure to install the red wire on the positive and the black wire on the negative on both the battery and the charge jacks.**

❏ 3. Install the battery into the starter box holder and secure it in place by installing the battery holder top and securing in place with (4) 3x10 flat head screws.

❏ 4. Attach the Tamiya style plug on the battery lead to the Tamiya style plug attached to the motor wires. Make sure that all of the wires are routed so that they do not interfere with the starter wheel.

(2) 6-CELL 7.2V BATTERY INSTALLATION

❏ 1. Install the 6 cell battery holder (8) into the starter box. Secure the battery holder into the starter box using (4) 3x10mm self tapping screws. **NOTE: Install the battery holder so that the lid hinges in the front (as shown in the exploded view.)**

❏ 2. Install the batteries into the starter box holder (8) and secure them in place by closing the battery holder lid.

❏ 3. Install the “Y” connector (18) onto the (2) 6 cell batteries (not included) and the motor wires.

❏ 4. Make sure that all of the wires are routed so that they do not interfere with the starter wheel.

OPTIONAL POWER METHOD

Included with the starter box is a set of leads (20) with large alligator clips at one end and a Tamiya style connector installed at the other end. This is for those times when your starter box batteries are not charged and you need to use your starter box. Connect the Tamiya style plug on the leads to the Tamiya style plug coming from the motors. Then attach the alligator clips to an external power source. Possible power sources could be a (full size) car battery or power supply.

ALIGNMENT PEGS

Use the included alignment pegs (7) to position your car onto the starter box. This is the most time consuming part of assembly, but the most important. Having a properly setup starter box will help make starting your car quick and easy.

❏ 1. Place your car onto the top of the starter box. Determine where the pegs should be located to align the cars flywheel and the starter box wheel.

❏ 2. Install a bottom alignment peg (oval shaped with a square molded into it to fit in the groove) into one of the desired grooves then install a top alignment peg (round) then secure the two together using a 3x12 flat head screw. Do not tighten the screw all the way down. Repeat this step with the remaining pegs.

❏ 3. Once you have all the pegs installed onto the starter box lid, place the car back onto the starter box. Align the starter box wheel and the cars flywheel then slide the pegs against the car and tighten them down.

❏ 4. Once the pegs are tightened, press down on the car to make sure the car is aligned properly on the box to start it. This may take a few tries and a little tweaking to get everything aligned properly.

Motor configurations

The starter box comes stock with the motor set up so the wheel is side to side with the wheel on the right side (when viewed from the front.)

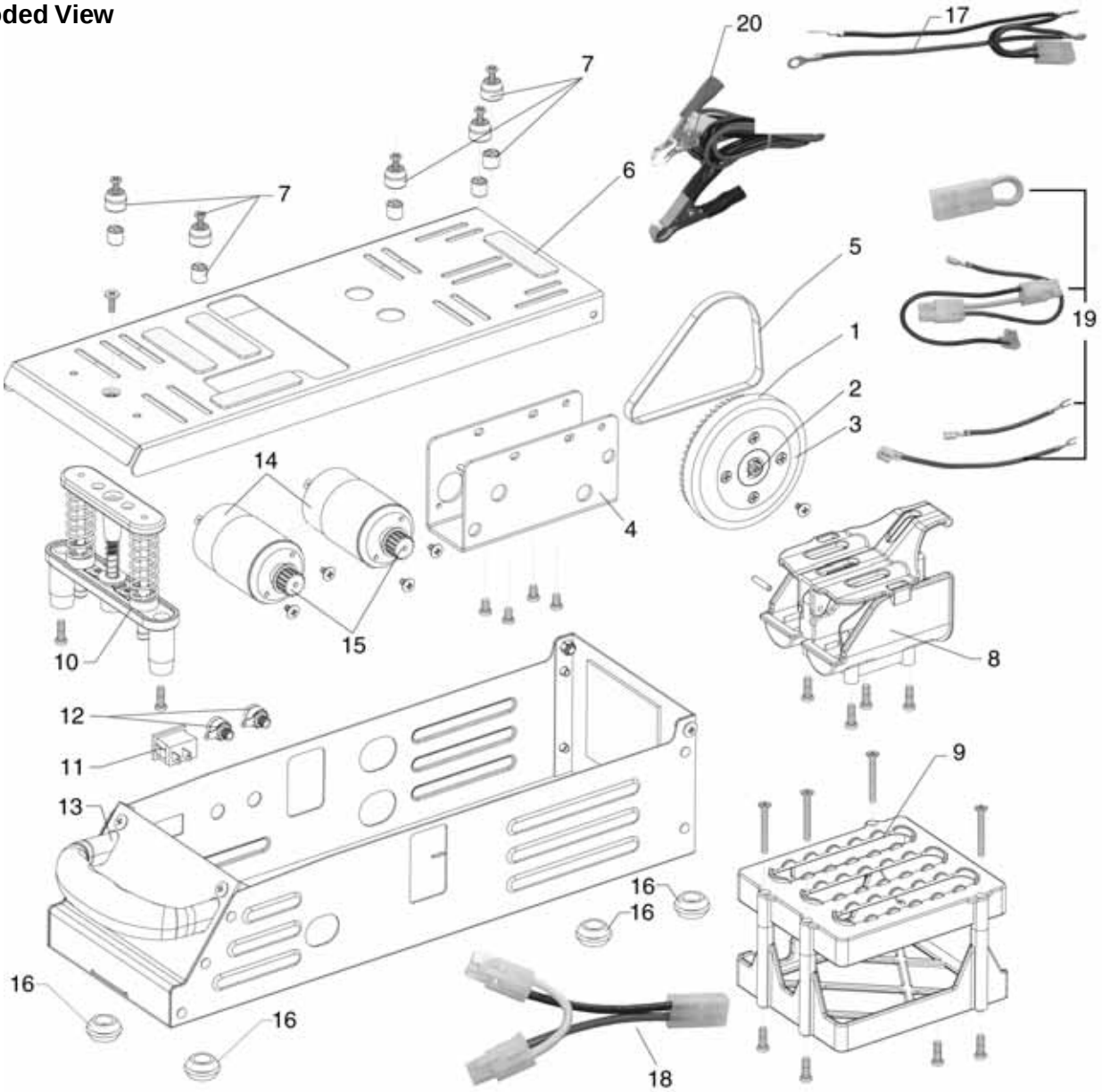
The starter box is designed so that the motor assembly can be repositioned if needed to start various vehicles.

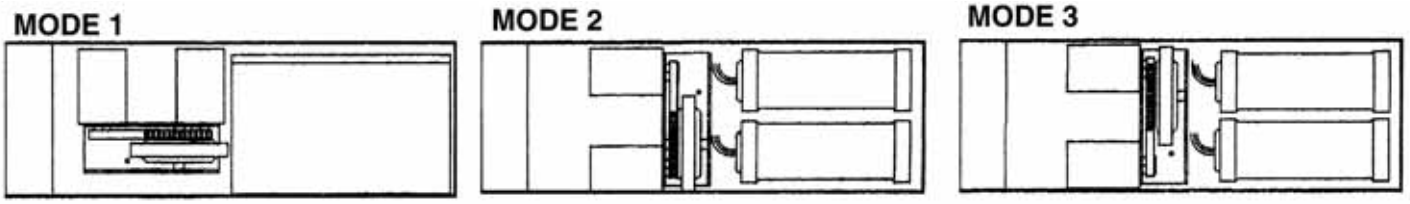
Note: see the “optional configurations” diagram for other possibilities.

REPLACEMENT PARTS

MFG#	DESCRIPTION	STOCK #
1	Rubber starter wheel	DTXP5711
2	Center shaft set	DTXP5713
3	Starter wheel pulley	DTXP5715
4	Motor mount	DTXP5717
5	Drive belt	DTXP5719
6	Rubber grip pad	DTXP5721
7	Placement peg set	DTXP5723
8	Cover/holder for 7.2V battery	DTXP5725
9	Cover/holder for 12V battery	DTXP5727
10	Start switch	DTXP5729
11	On/off switch	DTXP5731
12	Battery charge jack set	DTXP5733
13	Handle	DTXP5735
14	550 Motors	DTXP5737
15	Motor pinion gear	DTXP5739
16	Rubber feet	DTXP5741
17	Wire for 12V battery	DTXP5743
18	Wire for 7.2V battery	DTXP5745
19	Motor wire set	DTXP5747
20	Alligator clip wire set	DTXP5749

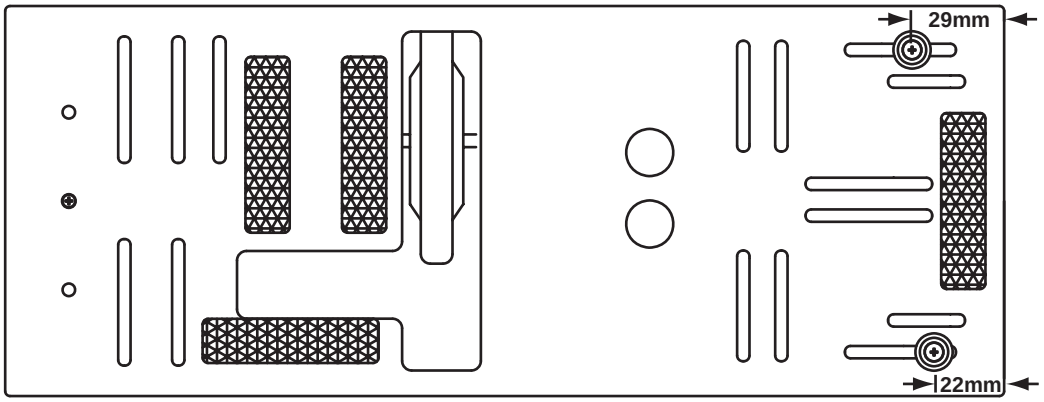
Exploded View





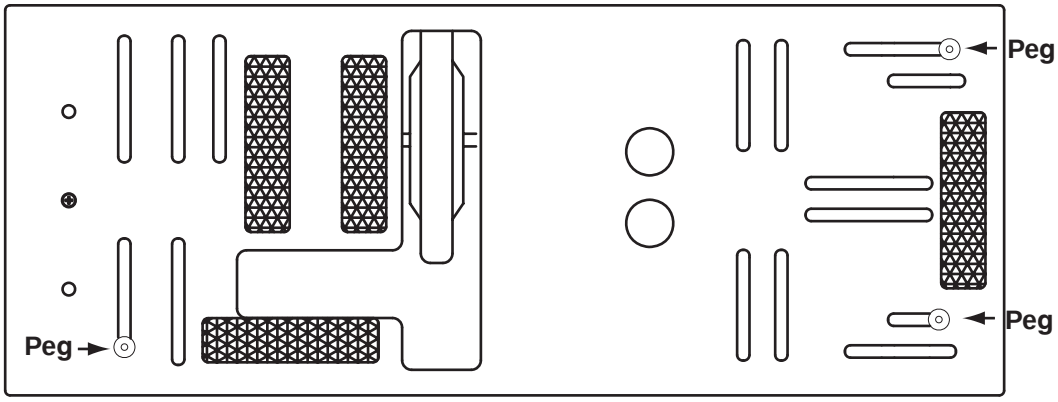
OPTIONAL CONFIGURATIONS

DuraTrax Raze Buggy



DuraTrax Warhead Monster Truck

Note: Although the included pegs work, we have found that using “longer” pegs will help align the Warhead chassis easier and quicker. Generic body posts or large ball ends work great for this. Slide the post to the ends of the slots as shown.



DuraTrax Nitro Evader ST Stadium Truck