



1/10 Touring Starter Box

ASSEMBLY INSTRUCTIONS



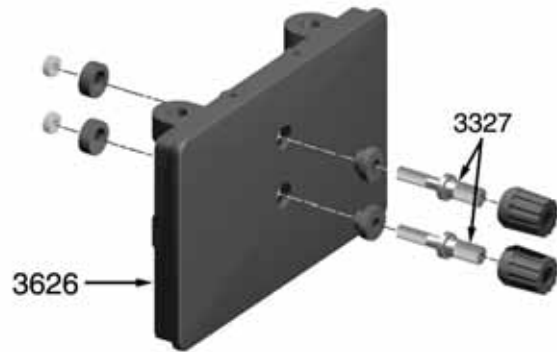
IF YOU HAVE ANY QUESTIONS ON THE ASSEMBLY OR USE OF THIS PRODUCT, PLEASE CALL PRODUCT SUPPORT AT (217) 398-8970, Ext. 5 OR E-MAIL AT

productsupport@duratrax.com

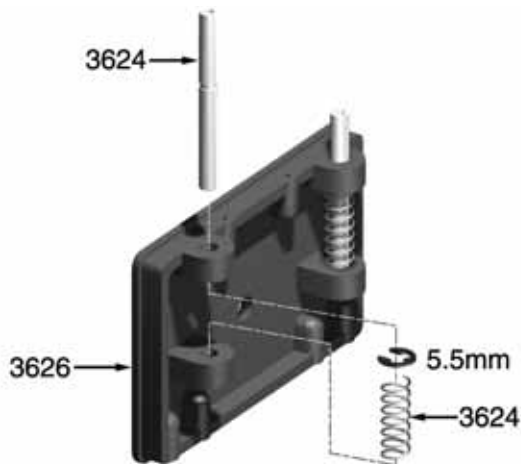
Warranty

DuraTrax guarantees this kit to be free from defects in both material and workmanship at the date of purchase. This warranty does not cover any component parts damaged by use or modification. Further, DuraTrax reserves the right to change or modify this warranty without notice. In that DuraTrax has no control over the final assembly, no liability shall be assumed nor accepted for any damage resulting from the use by the user of the final user-assembled product. By the act of using the user-assembled product, the user accepts all resulting liability.

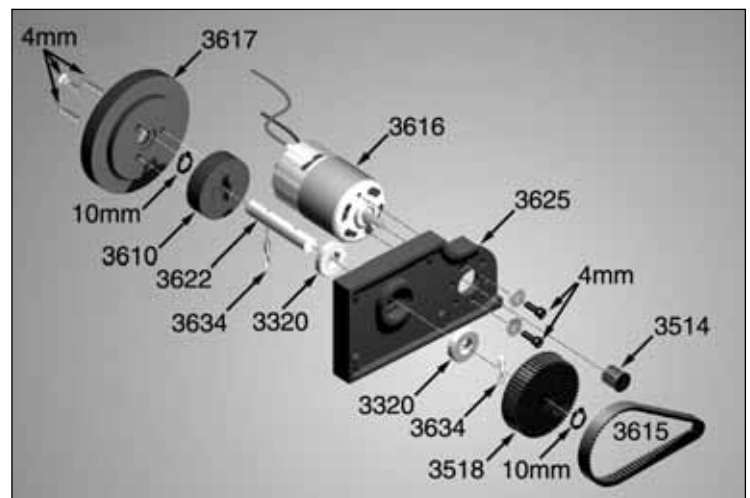
If the user is not prepared to accept the liability associated with the use of this product, the buyer is advised to return this kit immediately in new and unused condition to the place of purchase.



□ 2. Install the small end of the flanged washers into the holes on the outside of the end plate (3626). Pass the threaded end of the power tap (3327) through the washer and install a hex nut with non-flanged washer onto the power tap on the inner side of the end plate.



□ 1. Center the switch springs (3624) between the mounting tabs on the inside of the end plate (3626). Pass the non-threaded end of the switch pins (3624) through the hole on the upper mount, through the spring, and into the hole in the lower mount. Snap the 5.5mm e-clips into the grooves on the switch pin between the top of the spring and the bottom of the upper mounts.



□ 3. Press the two 22x10mm bearings (3320) into the sides of the motor bracket (3625). Insert and center the main shaft (3622) through the bearings. Install a cross pin (3634) into the main shaft.

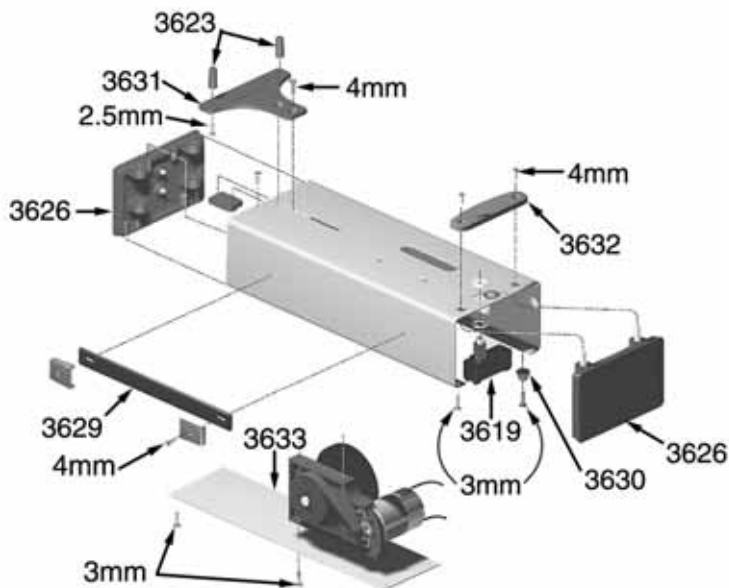
❑ 4. Slide the wheel spacer (3610) onto the main shaft and align the keyed side onto the cross pin. Snap the 10mm retainer clip onto the end of the main shaft to keep the wheel spacer secure.

❑ 5. Attach the starter wheel (3617) with the small side facing the wheel spacer. Align the mounting holes with the wheel spacer and install the three 4mm screws.

❑ 6. Insert a cross pin into the remaining hole on the main shaft. Slide the pulley (3518) onto the main shaft and align the keyed side onto the cross pin. Install a 10mm retaining clip onto the groove at the end of shaft.

❑ 7. Mount the motor (3616) by passing two 4mm hex head screws through the top and bottom holes on the side of the motor bracket, but do not tighten them at this point.

❑ 8. Slip the drive belt (3615) onto both pulleys. Drive belt tension is adjusted by moving the motor from side to side. Adjust the motor till the drive belt has no slack. Do not overtighten. Once the tension is correct tighten the motor screws.



❑ 9. Slide the caps onto each end of the handle (3629). Using two 4mm lock nuts and flathead screws, attach the handle to the side of the starter case (3614).

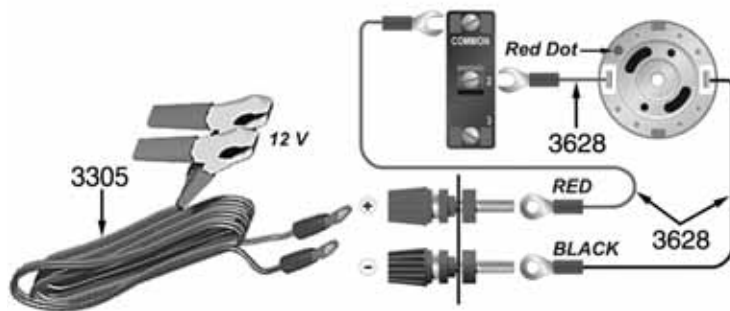
❑ 10. Using the 3mm screws, attach the rubber feet (3630) to the bottom corners of the starter case.

❑ 11. Attach the chassis pegs (3623) to the upper slide plate (3631) with two 3mm flathead screws. Connect the upper and lower slide plate halves through the groove on the top of the starter case with two 4mm flathead screws.

❑ 12. Install and center the switch (3619) using the two adjustment nuts.

❑ 13. Fit both end plates into the ends of the case. Attach them with two 3mm screws from the top and bottom.

❑ 14. Mount the switch pad (3632) to the top of the switch pins with the two black 4mm flathead screws.



❑ 15. Attach the long wire set (3628) with the pre-installed connectors to the inside of the correct color power taps. The red wire connects the positive power tap to the screw marked "common" on the bottom of the switch. The black wire connects to the negative power tap and is soldered to negative side of the motor. The short red wire connects to screw "2" on the bottom of the switch and is soldered onto the positive side of the motor.

❑ 16. Attach the blue crimp-on connectors to one end of the external power wires (3305) and screw them to the correct color power tap on the outside end of the starter. Crimp the black and red clips to the opposite end of the wire and connect them to the correct taps on the power supply.

❑ 17. Make sure that the wires do not contact any moving parts. Align the starter wheel with its cut-out and attach the completed motor assembly to the inside of the starter case using two 3mm screws.

❑ 18. Install six 3mm screws through the bottom plate (3633) and into the holes in the bottom of the motor bracket and end plates.

❑ 19. Center the vehicle's chassis on the starter box. The chassis pegs are used as a guide to prevent the vehicle from moving side-to-side and can be moved to any of the optional mounting holes that best hold the chassis in place. Adjust the slide plate either forward or backward until the lowest part of the vehicle's flywheel is directly over the highest part of the starter wheel. Press down on the vehicle to activate the starter box.

Key # ...Description	Key # ...Description
3305.....External power wires and clips	3622.....Main shaft
3319.....Switch	3623.....Chassis pegs
3320.....22x10 ball bearing (2)	3624.....Switch spring & pins (2)
3327.....Power taps (2)	3625.....Motor bracket
3514.....Motor pulley	3626.....End plate (2)
3518.....Pulley	3628.....Internal wire set
3610.....Wheel spacer	3629.....Handle
3614.....Starter case	3630.....Feet (4)
3615.....Drive belt	3631.....Slide plate
3616.....Motor	3632.....Switch pad
3617.....Starter wheel	3633.....Bottom plate
	3634.....Cross pins (2)

Replacement Parts (available from your hobby supplier):

- DTXP5755 Motor
- DTXP5757 Starter wheel
- DTXP5759 Drive belt