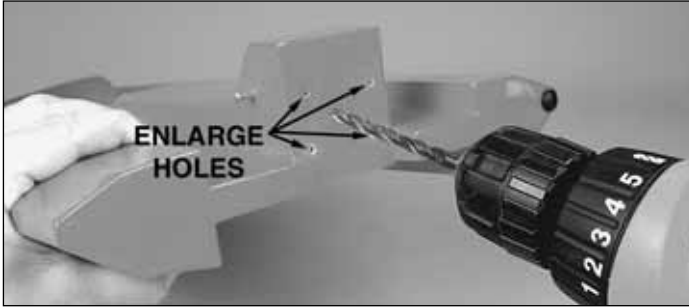


TOP SPEED 2 MANUAL UPDATE

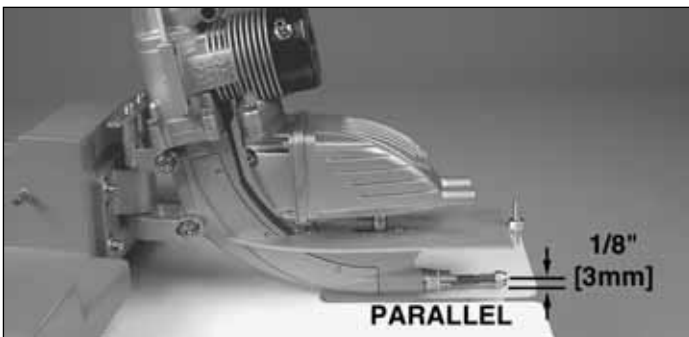
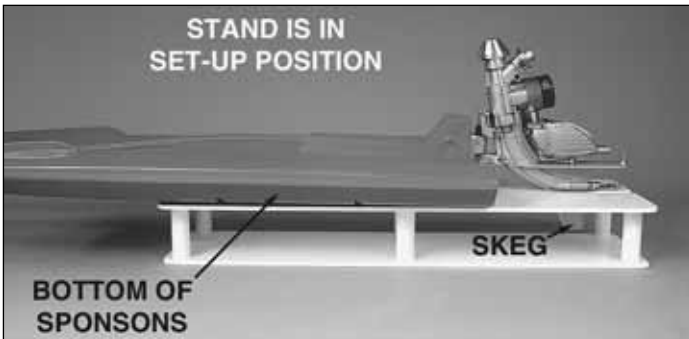
IMPORTANT!! Please replace page 7 of the Top Speed 2 manual with this update.



□ 7. Remove the template and use a 3/16" [5mm] (or 13/64") drill bit to increase the size of the hole to install the 6-32 brass thread inserts into the transom. Using 5-minute epoxy, coat the inside of the hole and outer threads of the 6-32 inserts before screwing them in. This will secure the inserts in the transom. **Be sure the inserts are flush with the transom.**



□ 8. Attach the engine to the transom with 6-32 socket head cap screws and #6 washers. **Do not tighten them completely at this time.**



□ 9. Place the boat on the set-up board side of the starting stand so that the bottom of the sponsons rest flat on the set-up

stand and the skeg of the engine is in the slot as shown. Raise the engine so the center line of the prop shaft is 1/8" [3mm] above the set up board. The prop thrust angle should be parallel to the surface of the set-up board (0° thrust). Once the desired position is attained, tighten the 6-32 socket head cap screws firmly. **Use thread-locking compound and be careful not to overtighten them.**

Note: You will want to check thrust angle and prop depth after all of the assembly steps have been completed and again before running the Top Speed 2.

K&B 3.5 Engines

Since K&B 3.5 engines do not come with an engine mount, you will need to purchase one separately. A popular engine mount choice is the DuBro #3101. Refer to the photos in the "**O.S. Max 21 XM Outboard Engine**" section above for a visual guide.

TIP: Testing has shown that when using the Top Speed 2 with K&B or other engines that have a shorter prop distance from the hull than the O.S., a 5/8" plywood spacer inserted between the engine and transom improves handling tremendously.

□ 1. Install the K&B 3.5 on the DuBro motor mount so that the section of the black insert holding the swivel pin is at the top of the mount. The DuBro mount comes with an excellent diagram that shows the proper mounting procedure.

□ 2. Use Template #2 provided on page 17 of this instruction manual for mounting the K&B 3.5 outboard engines. Tape the template in place. Mark and drill four pilot holes with a 1/8" [3mm] drill bit for the 6-32 brass thread inserts.

□ 3. Remove the template and use a 3/16" [5mm] (or 13/64") drill bit to increase the size of the hole. Install the 6-32 brass thread inserts into the transom. Using 5-minute epoxy coat the inside of the hole and outer threads of the 6-32 inserts before screwing them in. This will secure the inserts in the transom. **Be sure the inserts are flush with the transom.**

□ 4. Attach the engine to the transom with four (4) 6-32 socket head cap screws and four (4) #6 washers. **Do not tighten them completely at this time.**

□ 5. Place the boat on the set-up board side of the starting stand so that the bottom of the sponsons rest flat on the set-up stand and the skeg of the engine is in the slot as shown. Raise the engine so the center line of the prop shaft is 1/8" [3mm] above the set up board (Refer to the photo in the "**O.S. Max 21 XM Outboard Engine**" section on page 4). The prop thrust angle should be parallel to the surface of the set-up board. Once the desired position is attained, tighten the 6-32 socket head cap screws firmly. **Use thread-locking compound and be careful not to overtighten them.**

Note: You will want to check thrust angle and prop depth after all of the assembly steps have been completed and again before running the Top Speed 2.