

KX1 OWNER'S MANUAL ERRATA

Rev. D-1, October 19, 2009

MAKE THESE CORRECTIONS TO YOUR MANUAL BEFORE YOU BEGIN ASSEMBLY.

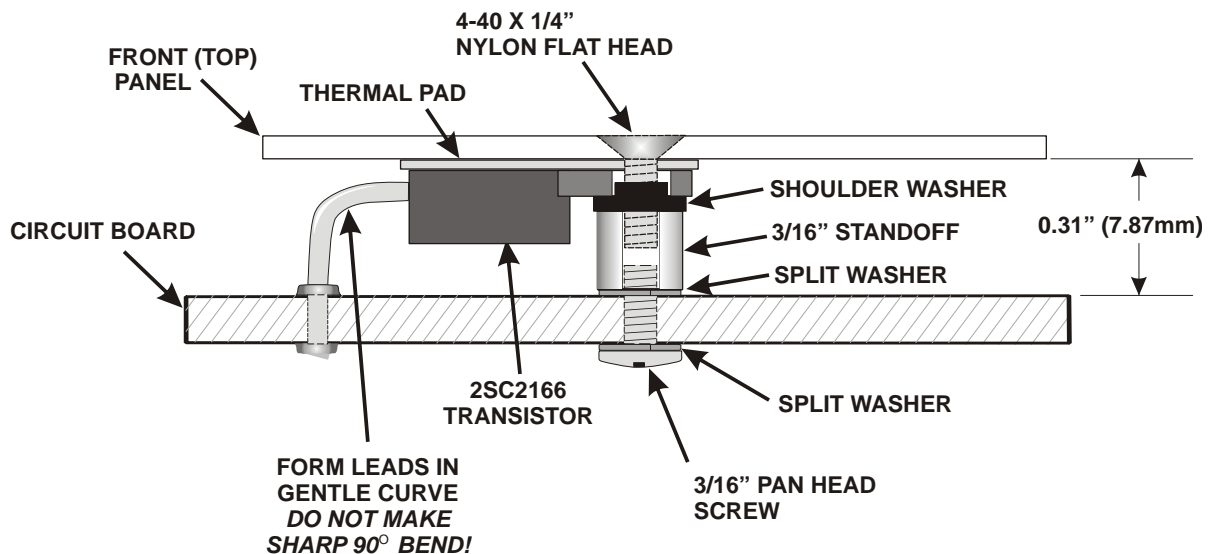
NOTE:

CHECK YOUR KIT TO DETERMINE WHETHER A 2SC2166 OR 2SC5739 TRANSISTOR IS SUPPLIED TO USE AT Q6 BEFORE INCORPORATING THIS ERRATA. BOTH TRANSISTORS PROVIDE EQUAL PERFORMANCE, BUT THEIR INSTALLATION IS DIFFERENT BECAUSE ONE HAS A METAL TAB THAT MUST BE INSULATED FROM THE CASE WHILE THE OTHER USES A SELF-INSULATING PLASTIC TAB.

1. **Page 53, Left Column, First Step:** In the second sentence change "C5739" to "C5739 or C2166".
2. **Page 53, Right Column, First Step:** *If your kit was supplied with a 2SC2166 transistor instead of a 2SC5739*, replace this step with the following (it may be cut out and pasted over the existing step but be careful to incorporate the changes on the back of this sheet first):

Locate the silk-screened outline for Q6 at the top edge of the circuit board. Install the 3/16" (4.76 mm) standoff on the circuit board using a 3/16" pan head screw and two split washers as shown in the figure. **The split washer under the standoff is important to reach the proper height so Q6 will come in contact with the cover.** Be sure the screw head or washer is not touching the windings on L3 on the bottom of the board. They may touch the toroid core in the space between the windings.

3. **Page 53, Figure 24:** *If your kit was supplied with a 2SC2166 transistor instead of a 2SC5739*, replace the figure with the following drawing. The drawing is sized so you can cut it out and paste it over the existing drawing in your manual.



4. **Page 54, Left Column, Fourth Step:** *If your kit was supplied with a 2SC5739 (plastic tab) transistor*, Delete the second sentence. No shoulder washer is used with the 2SC5739 transistor.

5. **Page 54, Left Column, after the fifth (last) step:** Insert the following note in the blank area at the bottom of the column:



If your kit was supplied with a 2SC2166 (metal tab) transistor) NEVER install a metal screw in the tab of Q6 when the unit is out of its case for testing. The metal tab of Q6 is connected to the + side of the power supply and the screw will short the supply to ground if the rig is turned on. This may cause serious damage to the circuit board or other components.

6. **Page 54, Right Column First Step:** In the last sub step, change “metal tab” to “metal tab if 2SC2166 is used”
7. **Page 55, Left Column, First Step:** Change the last sentence to read: “If the metal tab 2SC2166 transistor is used, the most likely cause will be that the shoulder washer...”
8. **Page A5, Parts List, Last Line (Q6):** Change the description for Q6 to read: “Transistor, NPN power, 2SC5739 (plastic tab) or 2SC2166 (metal tab)”
9. **Page A9, Parts List, Note In the Description for the Flat Head Screw:** Replace the Note with:
NOTE: If your kit has a 2SC2166 (metal tab) transistor, one screw will be nylon. Use this for mounting the transistor as described in the assembly procedure.)
10. **Appendix B, Schematic Diagram, Q6 near Bottom Center:** Change “ “2SC5739” to “2SC5739 or 2SC2166”.
11. **Appendix D, KX1 Assembly Photographs:** Add the following note by the top photograph: “The power transistor near the top center edge of the pc board has an all black tab if Q6 is a 2SC5739 or a metal tab if Q6 is a 2SC2166”.