

Assembly instructions for TMGS

STOP! Carefully examine all contents to determine any missing or defective parts.

Please read instructions thoroughly *before* starting assembly

Some helpful tips before starting

These are some household items you may want to have on hand before starting this project-

1-household glue like Elmer's

2-masking tape- do **not** use duct tape!!

3-a bar of soap- you can use this to "lubricate" screws before usage. It makes it easier to insert screws.

4-you may want to purchase a small "C" clamp described in the tuner installation instructions

PLEASE NOTE- This kit is supplied with **2** different sized drill bits, 1/16" and 3/32". Please be most careful in observing our instructions as to which bit should be used in each application.

NECK INSTRUCTIONS

Locate the neck and the tuner parts

Installing tuner bushings

Bushings should be inserted into peghead holes as straight as possible- misalignment could possibly split the headstock.

A small "C" clamp, padded with several layers of tape, may be used to gently press the bushings into the peghead.

Installing tuning keys

First, make sure neck is on a flat, preferably padded surface, with the fret board facing down.

Place tuners in respective holes, noting that end tuners are different than the four middle ones. Use any type of straight edge to align them. Then, use masking tape along the edge of the tuners to hold them temporarily in place. Mark the mounting screw hole locations with a pencil and remove tuners. Before drilling the holes, double check with your straight edge to be sure all 7 holes line up in a straight line. Drill tuner mounting holes (**1/16" bit**) with the supplied drill bit, using a piece of masking tape around the bit as a depth guide. Be very careful not to drill too deeply. Great embarrassment could result!! Replace tuners and secure with screws.

Pre-assembly neck instructions (before installation)

Pre-adjust neck

Sight down the fingerboard- use truss rod adjustment to make perfectly straight (.009/.010 strings should exert enough tension to put correct bow in neck when tuned to pitch). Please note this is a **double action** truss rod, which means you can adjust neck for both forward and back bow.

Assembling the guitar

Locate (1) jack plate and (4) pickguard type screws

Find the two wires coming off the underside of the pickguard that are unattached. From the cavity locate the hole that runs from the electronics to the input jack cavity. Run the two wires thru that hole to jack cavity.

Look at the ends of the wires coming from the pickguard. They are color coded for ease of installation and feature push fit connectors- no soldering required.

Carefully seat the wired jack assembly into the hole cut for it. The plate should sit flush on the body. Line up the plate so it covers the hole cut for it and looks right and tap screw holes thru the holes in the plate and then install the screws. *(It would be better if the actual cord were plugged into the jack when seating. This will ensure that there is no obstruction after mounting jackplate)*

Plug the respective color-coded leads from the pickguard and control assembly to the jack and bridge ground. You are now ready to install the assembly.

Place the pickguard and control assembly onto the body. It should sit flush with the body so you will have to **carefully** arrange the wires underneath it to sit level. Do **not** drill or screw down pickguard at this point in time.

Temporarily place neck in neck pocket to align pickguard and control assembly. **Do not use screws-** hold in place by hand.

Because every guitar body is slightly different the screw holes for the pickguard have not been pre-drilled. Seat the pickguard so it's flush and looks straight.

Secure the pickguard and control assembly with tape. At this point, it would be an excellent idea to test the electronics in the assembly before proceeding to final assembly. Please see the attached chart for testing. After satisfactorily testing the assembly, you can now install the neck permanently.

Locate (1) neck plate and (4) neck screws

Seat the neck into the slot on the body. Place the neck plate with cushion underneath it on the body at the back of the neck. Line up the pre-drilled holes in the neck and the body with the holes in plate and install screws tightly. *(Screws should be tightened in a random manner, not one tight and then another)*

Installing the head nut

The nut may require slight sanding to fit the slot. This can be accomplished by laying a small piece of enclosed sandpaper on a flat surface such as a table and rubbing the sides of the nut several times, continually testing for fit, until a tight fit is accomplished. Should the nut be too loose, a small dab of white household glue will secure it adequately.

Installing bridge and body hardware

Align bridge with 6 holes in top of body for string passage. Mark and drill the bridge mounting holes and screw bridge in place. Now, locate control plate and pickguard assembly and tape in place. **NOTE:** for esthetic purposes, be sure that the control plate, bridge, and pickguard edges are square and parallel to each other. Mark and drill mounting holes and screw to place.

Install string bushings

Push string ferrules into holes in back of body. It is not necessary to mash them into place, as the string pressure will seat them nicely.

Install strings

Tune to approximate pitch. Proceed to drill mounting holes and screw into place.

Locate (1) string tree retainer and (1) pickguard type screw

Place the string tree over the "E" and "B" strings. Slide tree along strings to a position alongside the position of the "A" and "D" tuner posts. Press down to headstock face and mark location of mounting hole. Remove string tree and drill hole for installation. **Important note- before** drilling the hole with the supplied drill bit, use a piece of masking tape around the bit as a depth guide. You do not want to drill through the headstock! You may now secure the string tree.

Adjust pickup height

Hold strings down to fingerboard at last fret and adjust pickup heights no closer than 1/8" on the bass side and no closer than 1/16" on the treble side. Pickups may be lowered to suit personal tone requirements.

Final setup and adjustments

Adjust action height and tune to pitch. Set intonation and check tuning once again. If all is satisfactory you can finish the assembly of your instrument.

Locate (2) strap buttons and (2) screws

Install buttons in holes provided.

At this point the assembly of the guitar is complete. Once again if you're not familiar with how to perform the above fine adjustments it is strongly suggested you seek experienced or professional assistance.