



Congratulations on your decision to upgrade your guitar's tuners. We are very proud of this kit and know it will represent a marked improvement in your instrument's performance. This kit will allow you to install Hipshot tuners on your 6 inline headstock without drilling new holes. The tools required to remove your old tuners will vary depending on the specific model of your instrument; however, to install the Hipshot tuners you will only need a 10mm wrench.

1. Remove the strings and tuners from your guitar. Depending on your tuner's mounting style, see fig. 1-3 for correct removal instructions.

For vintage style tuners with pressed-in bushings, first remove screws and tuners from the back of the headstock. Next, lay guitar face down with suitable support under headstock. Use 5/16 dowel or unsharpened #2 pencil and hammer to gently tap the ferrules out of the headstock. Be sure to tap the ferrules straight out of the headstock. If they become angled as they exit, they may cause splintering.

Fig. 1

For tuners with screw-in reach nuts and mounting screws, start by removing the nuts and washers with a 10mm wrench. Next, remove the mounting screws and carefully pull the tuners out of the headstock.

Fig. 2

For tuners with a reach nut and locator pin, unscrew the reach nut with a 10mm wrench and carefully remove the tuner from the back of the headstock.

Fig. 3

2. Clean the headstock with a soft cloth to remove dust and dirt.
3. Your kit comes with UMP™ plates that may vary depending on the style of tuner you purchased. For Open Gear tuners, the UMP™ plates will have tabs on either side of the hole (Fig. 4). For Enclosed Gear tuners, the UMP™ plates will have tabs along only one side of the hole (Fig. 5). Observe the positioning diagrams below for the correct orientation of your UMP™ plates (Fig. 4-5).

Open Gear UMP™

For the Open Gear UMP™, one plate is inserted over holes 1 - 3 while the second plate is placed over holes 4 - 6. The tabs are located on both sides of the plate. When placed on the guitar, the tabs should be farther away from the neck than the holes (as shown).

Fig. 4

Enclosed Gear UMP™

For the Enclosed Gear UMP™, one plate is inserted over holes 1 - 3 while the second plate is placed over holes 4 - 6 (as shown). The tabs should be lined up on the side of the plate closest to the center of the headstock.

Fig. 5

4. Insert the tuners so they are resting against the tabs (for Open Gear tuners, the tabs will be on either side of the tuner. For Enclosed Gear Tuners, the tabs will contact the inside edge of the tuner). As each tuner is inserted, affix a washer and nut to the front of the headstock and loosely tighten so the tuners stay in place. Make sure the tuners are sitting flush with the surface of the UMP™ and not hung up on a tab (Fig. 6).

Fig. 6

Tuners should sit against tabs.

5. Before tightening down the nuts, slide the UMP™ plates into final position. Most guitars have a standard Fender® spacing of 4¹¹/₁₆, (center of string post 1 to center of string post 6). On guitars like this, the two plates should touch each other. However, on guitars with wider spacing it is perfectly normal for there to be a small gap between the plates (Fig. 7). In rare instances of narrow hole spacing, plates may overlap. File the contact edges of plates so they abut each other. (or contact us for suitable replacements)

Fig. 7

small gap on wide spaced guitars

6. Go back over all the nuts on the front of the headstock and gently snug them up with a 10mm wrench. **WARNING:** Over-tightening may cause hardware to leave impressions in the surface of your instrument. Gentle but firm pressure is all that is required.