

Failure to follow these directions may result in damages not covered by the Martin Limited Lifetime Warranty for your guitar.

RECOMMENDED STRINGS

- Martin Authentic Acoustic Lifespan® 2.0 or
- Luxe by Martin® Kovar™
- MA535T or MK11 Custom Light (0.011")
- MA540T or MK12 Light (0.012")

TOOLS

- Torque wrench: 25 inch-lbs of torque
- Allen key: 4mm
- String Action Gauge
- Relief Feeler Gauges (.003" & .005")
Stack .003" & .005" for .008"
- Truss Rod Wrench: 4mm
- Tuner
- Capo

PARTS

- Elevation Plates: 0.006" height increments
- Each plate increment will change the action at 12th fret by approx. 1/64" (0.015")

TUNE GUITAR TO PITCH BEFORE TAKING MEASUREMENTS.

Neck Relief – Measured with Martin Feeler Gauges

- Capo is placed on the first fret and lightly fret 12th fret high e string. Feeler measurement is taken at the 5th fret.
- Measurement is taken on guitar in player position.
- Desirable neck relief is .003" to .005" at the 5th fret. Max .008".
- A 4mm Allen wrench is required to make adjustments to the truss rod.



Saddle Protrusion – Measured in center of the saddle.

- Maintain factory saddle height range of .140" to .200".



Adjustable Truss Rod Access Point
Adjusts neck relief and can be done under string tension.

Intonation Set Screw
ONLY adjust WITHOUT string tension.

Action – Measured with Martin String Action Gauge

- Measure distance between the top of fret and bottom of string.
 - When the mark aligns with the bottom of the string, that measurement is the string height.

SPECS

- Recommended action at 12th fret:
 - Treble: 0.055"-0.065". .065" maximum.
 - Bass: 0.080"-0.090". .090" maximum.



Example showing string action height of .090" at the 12th fret.

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Once all the above criterias are met and an adjustment is required on the action, a plate change may be necessary.

To Adjust Action:

* NOTE: It may be necessary to tilt the neck backward slightly to accommodate the new plate.

Lower Action = Higher Adjustment Plate
Raise Action = Smaller Adjustment Plate



Description
PT,SC,Elevation Plate,Size Zero
PT,SC,Elevation Plate,Size .006"
PT,SC,Elevation Plate,Size .012"
PT,SC,Elevation Plate,Size .018"
PT,SC,Elevation Plate,Size .024"
PT,SC,Elevation Plate,Size .030"
PT,SC,Elevation Plate,Size .036"
PT,SC,Elevation Plate,Size .042"

1. Loosen the strings and then the two neck bolts with 4mm allen wrench. It is not necessary to remove neck from body.
NOTE: It may be necessary to tilt the neck rearward slightly to accomodate the new plate.
2. Remove the plate by lightly pinching the ends. CAUTION: Excessive force on tab wings may cause breakage.
3. Choose the appropriate plate height (to raise or lower action) and insert until it is securely in place. The CFM logo should be facing up. NOTE: It is recommended to step up or down by one increment of plate. Example, .024" to .030" or .030" to .024".
4. Ensure neck is in the proper place, fully seated rearward, and re-tighten the two clamping bolts to 25 inch-lbs of torque. Tighten the lower clamping bolt first (accessible through the middle of the decorative grommet on the back) then the upper bolt (the head of which is exposed and visible in the block of the instrument).

Intonation Adjustment

To make adjustments:

1. Detune the guitar approximately 2 full steps.
2. Loosen the neck dovetail bolts by one half turn.
3. Make adjustment by accessing the intonation set screw through the sound hole. Turning the set screw clockwise will cause the guitar to play flat, turning it counterclockwise the guitar will play sharp. Note that one full rotation of the set screw will impact intonation by 2-3 cents.
4. Ensure neck is fully seated.
5. Tighten the dovetail clamping bolts to 25 inch-lbs.
6. Tune to pitch and recheck intonation on strobe tuner.
7. Repeat steps 1-6 until proper intonation is achieved.

