



LUBRI-COAT™

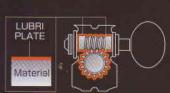
With a "Solid Lubrication Coat", regular oil has been eliminated keeping the lubrication where it is needed for the life of the tuning machine heads. It is now enhanced with a GOTOH original anti-transformable lubrication oil and this reduces the friction between the gears resulting an ultra smooth feel minimal back lash and unrivalled tuning stability.





LUBRI-PLATE™

Taking the concept of solid lubrication to an even higher-level Gotoh have developed a new process of application for their exclusive "510" and "X" series gears. By creating a "Complex lubricating plating layer", surface of all the moving gears have been coated through an Electro Plating process and are now enhanced with GSP that is a GOTOH original polymer compound specifically formulated to work with Gotohs LUBRI-COAT. With a "Solid Lubrication Coat", oil has been eliminated keeping the lubrication where it is needed for the life of the tuning machine heads.





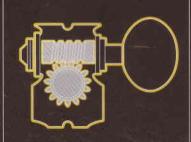
ROCK-SOLID[™] STRING POST

Next time you change your strings, before you put on your new set, take a look at your tuning machine head posts. See how they move from rock side to side! This has been a problem with tuning machine heads since they were invented. Now GOTOH introduce "Rock-Solid"³⁰ String posts.



After developing the revolutionary "Lubri-Plate "lubrication process, further experimenting revealed other assets of this unique application. Gotoh have used this to create "X-Finish "™. Due to its' natural properties "X-Finish "™ will keep your chosen instrument performing better for longer. Please note: Color may be subject to change after a long period of use. This does not affect its performance and can result in a very pleasing "Aged / Vintage "appearance.

Gotoh's "X-finish" combined with "Lubri-Plate" is designed to reduce this to a minimum keeping your instrument looking like new and performing better for longer.



X-Series gears finished in "X" FINISH

X " series (finish: XN/XC/XG)
Guitar Machine Heads SG-510Series • SE-510seris • SE-700Series • SD-510Series
Planetary Banjo Tuners SPBJ-4 • SPBJ-5
Bass Guitar Machine Heads RES-O-LITE Series GB350 • GB640 • GBR640 • GB528 • GB528S
Tremolo Units EV510T • EV510TS
Guitar Bridges GTC510 • 510FA • 510FB • 510UB
Bass Bridges J510SJ/BO/AO • 404SJ/BO/AO • 303SJ/BO/AO



It can result in an unique appearance for life no matter what your instrument is subject to water or any dirts.

t's the ultimate finish !

X-Finish

Gotoh SG-Series, SE-Series and SD-Series feature Rock-Solid[™] string post (except for a few models) and have 5 kinds of post variation, Standard, Magnum Lock (MG)[®], H.A.P.[®], H.A.P.A. and H.A.P.M. which you can choose. It gives unrivalled tuning stability for Vibrato equipped guitars. Gotohs advanced technology and developing spirit have greatly won the confidence of many guitar builders in the world.

For more detail on Rock-Solid[™] see explanation on page 1





H.A.P.° [Height Adjustable Post] PAT.

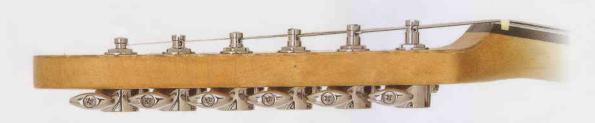
Gotoh H.A.P is the world first system that enables you to adjust string post height as you like.

R

Creating the perfect down pressure over a guitars nut is a complex balance between Headstock angle and Tuning machine head post height selection. Height adjustable posts take away tha guesswork by allowing you to dial in the exact angle you need for, friction, string pressure/tension and open string sound and sustain. Ideal for flat style peg heads when string trees need to be eliminated.



Image of H.A.P. function

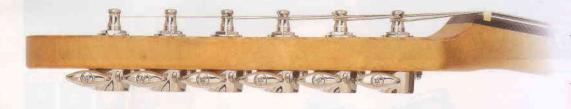


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Guitar Bridges / Bass Bridges

Always follow the instructions in the instruction manual/leaflet.





MAGNUMIOCK PAT.

Gotoh Magnum Lock is the ultimate string locking system with simple and steady mechanism.

Eliminating the "string wraps" around tuning machine head posts is a great asset when keepimg vibrato-equipped guitars in tune without the use of troublesome clamps and fine tuners. By locking the string on the post, only half a turn is required to bring most strings up to pitch, allowing the string to return to its' original position after bending or slackening off during dive bombing. The device is selflocking(string is clamped in place by the simple act of tuning to pitch). Tuning stability is taken to a new level with the introduction of the "Rock-Solid"™ String posts on selected Tuning machine heads with Magnum-lock feature.





-A PAT.

Guitars with angle back peg-heads can sometimes benefit from slightly less pressure at the nut. HAP-A tuning machine heads are designed to adjust the string anchor point away from the face of the headstock allowing you to select the perfect angle and feel.



H.A.P.-A String post



P. - M PAT.

Combining the ability of post height adjustment with the Magnum lock feature gives a machine head that is the perfect choice for flat peg-head style guitars equipped with a Vibrato. Removing the string tree on this type of guitar is essential for tuning stability, couple this with the advantage of a locking string post(eliminating string wraps) and you have the ultimate set up.



Guitar> L3+R3 / L6 for Right Hand R6 for Left Hand Bess ► L2+R2 7 L4 for Right Hand R4 for Left Hand