



MESA Matched & Tested - Backed by MESA's Premium Quality Guarantee - We start by specifying and selecting only the finest tubes available from around the world. We then test and match these tubes while under the stress of actual operating conditions to the tightest, most demanding specifications in our industry with our proprietary aerospace designed tube analysis system called Robotube. We accept only the "finest of the finest" and back them with the best warranty in the business for a minimum of six months! Install with the confidence of guaranteed premium performance from the worlds leading designer of custom, handcrafted amplifiers, MESA/Boogie Ltd.

Tube Model	Description	Where Used
6L6 STR-440	The MESA 6L6 STR-440 is our very best overall 6L6 - It is a premium grade, US equivalent and our tube of choice in the production of all new Mesa 6L6 powered models - Remarkable bass definition, articulate mids and shimmering highs keep every note amazingly intelligible, with a smooth, creamy character - Premium structural quality provides exceptional consistency and reliability - Rivals NOS (New Old Stock) durability and sonic character - Amazing for all styles of music	Stock in: Express 5:50, Single Rectifier 50, Recto-Verb, Dual Rec, Triple Rec, Roadster, Road King, Mark IV, Lone Star, 2:50, 2:90, Recto 2:100 & Bass 400+
5881 STR-425	The MESA 5881 STR-425 is a military grade 6L6 that was designed with an emphasis on rugged durability and consistency, capable of handling high voltage requirements - It produces a thick, rich tone with tapered highs that lends itself to styles of jazz, fusion, some blues or any style where tapered highs and a full round tone are desired.	Substitute in: Express 5:50, Single Rectifier 50, Recto-Verb, Dual Rec, Triple Rec, Roadster, Road King, Mark IV, Lone Star, 2:50, 2:90, Recto 2:100 & Bass 400+
6V6 STR-417	The MESA 6V6 STR-417 is the little brother to the 6L6 and is all about classic American tube tone from yesteryear - Extremely sweet and bubbly with a beautifully deep bass and spacious shimmering highs, this tube defines vintage "Deluxe" styled tone and is a great substitute in the Mark I, Mark IV & Lone Star when used with their "Tweed" Switch feature - Please see the amplifier owner's manual for correct use of this tube	Substitute in: Mark I Reissue, Mark IV & Lone Star (Please see the amplifier owner's manual for correct use of this tube)
EL-34 STR-447	The MESA EL-34 STR-447 is our very best overall EL-34 - It is a premium grade, NOS (New Old Stock) equivalent and our tube of choice in the production of all new Mesa EL-34 powered models - It has a traditional EL-34 tone & feel that is very urgent and aggressive and is an excellent choice for all styles of gain, especially classic rock, alternative rock & metal - This tube is true to the crown with focused low end, crushing mid range crunch and crystal-like highs - This is one of our favorites for authentic British tone - Excellent structural quality provides exceptional consistency and reliability	Stock in: Road King, Stiletto Ace, Stiletto Deuce, Stiletto Trident - Substitute in: Single Rectifier 50, Recto-Verb, Dual Rec, Triple Rec, Roadster, Mark IV (outside sockets only), Lone Star, 2:50 & Recto 2:100
EL34 STR-450	The MESA EL-34 STR-450 is an actual German made, "A" grade NOS (New Old Stock) Siemens EL-34 - This legendary European EL-34 is known for its unsurpassed "bell-tone" clarity and touch sensitive sustain & articulation - Premier German engineering provides unsurpassed structural quality that makes this one of the most toneful, consistent and reliable EL-34's you can buy - This is a final chance to own a real authentic EL-34 classic - Quantities are subject to final availability	Substitute in: Single Rectifier 50, Recto-Verb, Dual Rec, Triple Rec, Road King, Roadster, Stiletto Ace, Stiletto Deuce, Stiletto Trident, Mark IV (outside sockets only), Lone Star, 2:50 & Recto 2:100
EL84 / 6BQ5	The MESA EL-84 / 6BQ5 is the little brother to the EL-34 and is the classic European designed tube that lead the British invasion - Our EL-84 is tight and aggressive, yet smooth and warm, with an amazing chiming mid and top end - Brilliant focus with a frequency response that always brings your guitar to the front of the mix - This tube is true to its classic roots and is extremely consistent and reliable	Stock in: Express 5:25, Lone Star Special & 20:20
12AX7 / 7025 / ECC83	MESA 12AX7's are premium grade preamp tubes that provide the maximum level of high gain output and overall tonal quality with unsurpassed consistency and reliability - They possess a smooth and balanced response across the tonal spectrum and are extremely lively, open and expressive	Stock preamp tube for all MESA/Boogie Guitar & Bass Amps, Preamps & Power Amps
SPAX7A	MESA SPAX7 preamp tubes are a super-premium grade substitute for any 12AX7 positions - They are a "Special Requirement Preamp Tube" that possess an even higher standard of overall performance, due to their incredibly low sensitivity to microphonic noise - This is the ultimate preamp tube to use in all critical gain stage positions - It is the absolute best of the best!	Stock preamp tube in select, critical stages of MESA/Boogie Guitar & Bass Amps, Preamps & Power Amps - Substitute for all MESA/Boogie Guitar & Bass Amps, Preamps & Power Amps
12AT7 / ECC81	The MESA 12AT7 is a premium grade, classic low gain preamp tube most often used as a reverb driver and/or phase inverter in older amplifiers - It is used as a reverb driver in older MESA/Boogie designs, such as the Studio Preamp and some Mark Series amplifiers	Stock use as reverb driver tube in Mark I reissue - Not currently used in any other MESA/Boogie amplifiers but offered for use in other manufacturers' amplifiers
5AR4 / GZ34	The MESA 5AR4 rectifier tube produces a vintage feel with light to mild "sag" - While it produces more "sag" than Silicon Diodes, it is the least "saggy" of our tube rectifier offerings (The Rectifier is part of the Power Supply and its purpose is to convert AC into DC)	Not currently used in any MESA/Boogie amplifiers but offered for use in other manufacturers' amplifiers
5Y3	The MESA 5Y3 is a true, authentic 5Y3 NOS (New Old Stock) equivalent modeled after the original Phillips 5Y3 and is built to our exacting specification for use in our Lone Star Special - This tube produces a sultry vintage sag, creating a silky, smooth feel on the strings and provides the most sag of all of our rectifier tubes	Stock in: Lone Star Special
5U4G	The MESA 5U4G rectifier tube is a classic 1930's "Coke Bottle" design - It produces a flexible, elastic feel that is a bit more controlled and slightly less "saggy" than our new 5U4GB - It has a nice spongy feel but has moderate life expectancy and reliability compared to our new 5U4GB - Due to its tall "Coke Bottle" design, this tube may not fit in all amplifiers - Please confirm the height between the amp chassis and the cabinet before choosing this tube (The Rectifier is part of the Power Supply and its purpose is to convert AC into DC)	Substitute in: Dual Rectifier, Triple Rectifier, Roadster, Road King, Stiletto Ace, Stiletto Deuce, Stiletto Trident & Lone Star
5U4GB	The MESA 5U4GB rectifier tube is our very best overall 5U4 and our tube of choice in the production of all new Mesa amps featuring this tube - Based upon classic 1950's technology, the 5U4GB is a vastly improved 5U4 design that is extremely reliable and consistent, as well as much more compact - It is basically the size of a 6L6 power tube, so please take special care to install them in the correct tube position(s), especially when replacing 6L6's at the same time - This tube produces a "traditional vintage sag" with the most elastic and compressed feel of the two 5U4's that we offer - Amazing feel and exceptional overall quality make this our factory favorite	Stock in: Dual Rectifier, Triple Rectifier, Roadster, Road King, Stiletto Ace, Stiletto Deuce, Stiletto Trident & Lone Star

