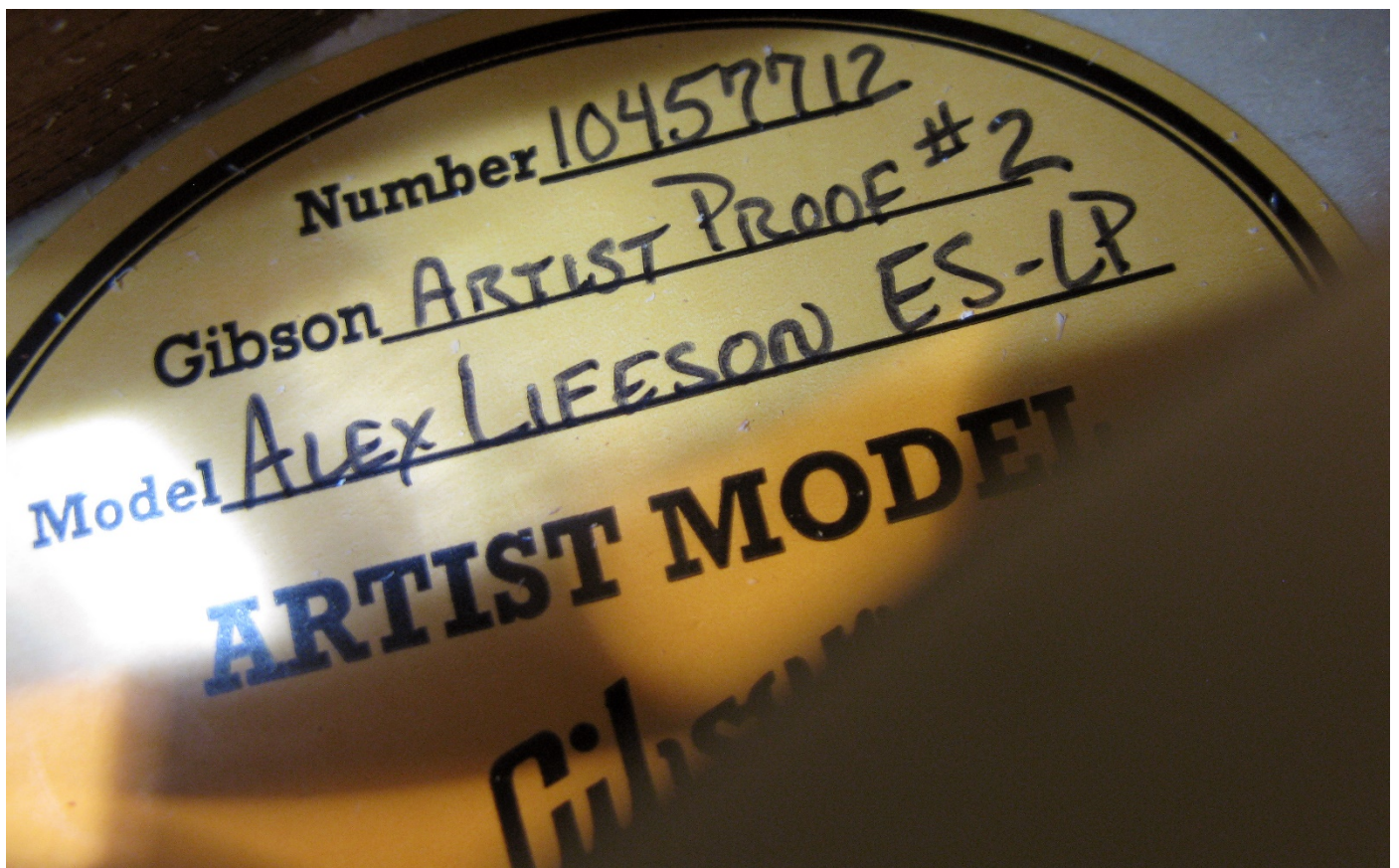


ALEX LIFESON ES-LP SIGNED ARTIST PROOF #2

















GIBSON DESCRIPTION OF PRODUCTION MODEL

<http://www.gibson.com/Products/Electric-Guitars/2016/Memphis/Alex-Lifeson-Signature.aspx>

Alex Lifeson ES-Les Paul



\$3,999

Gibson Memphis honors the world renowned guitarist of Rush with the popular new Les Paul-meets-ES-335 hybrid, made to the specifications of Alex Lifeson himself. Premiere tone is produced thanks to quarter-sawn, thermally engineered Adirondack spruce bracing and a thermally engineered Mahogany centerblock, two PAF-like MHS humbuckers, matched potentiometers, historic truss rod, titanium bridge saddles, a bone nut and more, while rolled neck binding delivers a sublimely comfortable playing feel.



Thermally engineered braces and

centerblockThermally engineered Adirondack spruce braces secured to maple top with hot hide glue.

Thermally engineered mahogany centerblock**Large block inlays**Elegant large mother of pearl block inlays

in a dark Richlite fretboard give a top of the line appearance.**Rolled fingerboard binding**By "rolling" or

"breaking" the binding at the fingerboard edge we create a softer playing feel**Historic truss rod**Our historic

truss rod has no tube, a proven known to enhance the guitar's resonance and sustain**MHS**

pickupsMemphis Historic Spec humbuckers are our closest yet to the hallowed PAF of the late '50s and

early '60s**Matched potentiometers**Matched 550K potentiometers coupled with 'orange drop' capacitors

contribute to high definition tone**Bone nut**Bone has been preferred for years on high-quality guitars for its

contribution to outstanding resonance and sustain**High-gloss nitro finish**Our labor-intensive nitrocellulose

finishing process yields a lustrous high-gloss look

- **Body:** Thermally engineered Adirondack spruce braces and mahogany centerblock
- **Fingerboard:** Richlite with large block mother of pearl inlays
- **Binding:** Rolled for superb playing comfort
- **Truss rod:** Historic truss rod
- **Pickups:** MHS humbuckers
- **Potentiometers:** Matched 550K potentiometers
- **Nut:** Genuine bone
- **Finish:** High-gloss nitrocellulose lacquer

Body



Top

Back

Top

Wood Species: Maple, Poplar, Maple
Pieces: 3-Ply
Grade: Plain
Binding: 7-Ply (W-B-W-B-W-B-W)

Back

Wood Species: Maple, Poplar, Maple
Pieces: 3-Ply
Density: Plain
Binding: 3-Ply (W-B-W)

Rims

Species Wood: Maple, Poplar, Maple
Pieces: 3-Ply
Grade: Plain

Weight

Weight Relief: Thermally Engineered ES-LP Center Block
Average Weight (body only): 1.3925 kg / 3.070 lbs.

Materials Used

Glue: Hot Hide glue for braces and centerblock, Franklin Titebond 50 for rims
Etc.: Thermally Engineered Adirondack Spruce braces

Tonal, Resonant, and/or Technical Effect: The sound waves resonate within the hollow airspace of the Maple veneered Body, around the F-holes, and throughout the solid glue joints.

Body Contour

Carve: ES-LP (Semi-Hollow)

Neck





Neck

Wood Species: Mahogany

Pieces: 1

Details

Truss Rod: Historic

Profile: Rounded "C"

Thickness at Fret 1: 21.59 mm / .850"

Thickness at Fret 12: 24.13 mm / .950"

Other Materials: Franklin Titebond 50

Average Weight: 544.31 gm / 1.2 lbs

Peg Head

Type:	SP-2
Inlay:	Mother of Pearl "Split Diamond"
Peg Head Binding:	5-Ply (W-B-W-B-W)
Logo:	Mother of Pearl "Gibson"
Silkscreen:	None
Headstock Angle:	17 degrees
Tonal, Resonant, and/or	The rounded neck provides an ergonomic feel and the mahogany adds a rich tonal quality
Technical Effect:	

Neck Fit

Joint Angle:	4 degrees
Joint Angle Tolerance:	0 deg 0 min 15 sec
Type:	Mortise and Tenon
Adhesive:	Hot Hide Glue
Gauges Used:	Pitch Height Gauge

Nut

Style:	White
Material:	Bone
Width:	4.2863 cm / 1.6875"
Slots:	E: 1.2268 mm / 0.0483 inches
	A: 0.9601 mm / 0.0378 inches
	D: 0.6934 mm / 0.0273 inches
	G: 0.4534 mm / 0.01785 inches
	B: 0.3467 mm / 0.01365 inches
	e: 0.2667 mm / 0.0105 inches

Fingerboard

Wood Species:	Richlite
Pieces:	1
Shade:	Dark

Fingerboard Details

Radius:	30.48 cm / 12 "
Frets:	22
Nut/End of Board:	4.2863 cm / 1.6875" @ nut, 5.2375 cm / 2.062" @ end of board
Scale:	62.865 cm / 24.75"
Binding:	White
Side Dots (Color):	Black

Fingerboard Inlays

Style:	Full Block
Material:	Mother of Pearl
Dimensions:	22.479 mm x 27.6352 mm / 0.885" x 1.088"
Average Weight:	136.0777 gm / 4.800 oz

Finishes



Classic White

Color Code: CW
Surface Texture: Smooth/ Hi Gloss 90 Sheen Lacquer - Finished in V.O.S.
Filler: Natural
Sealer: 1-1.5 mils
Top: Classic White
Top Coat: Hi Gloss Lacquer/ 90 Sheen 7-8 mils
Scraped: Fingerboard Sides, Body and Nut

Electronics





Pickups Rhythm

Style: MHS Humbucker

Winds/Coil: Screw
side/Slug side: 5100/4900

Lead

MHS Humbucker

5400/5200

Material of Wire (gauge):	Enamel (42)	Enamel (42)
Coil Dimensions (per coil):	6.6294 cm x 1.7272 mm / 2.61" x 0.68 "	6.6294 cm x 1.7272 mm / 2.61" x 0.68 "
Coil Material:	ABS	ABS
Coil Winding Process:	Scatter Wound	Scatter Wound
Pole Piece Material:	Gold plated steel	Gold plated steel
Pole Piece Position from Nut:	47.4218 cm / 18.670"	59.5173 cm / 23.432 "
Slug Material:	Nickel plated steel	Nickel plated steel
Slug Dimensions (diameter x length):	4.7498 mm x 1.24206 cm / 0.187" x .489"	4.7498 mm x 1.24206 cm / 0.187" x .489"
Magnet Material:	Alnico III	Alnico II
Magnet Position from Nut:	48.26 cm / 19"	58.42 cm / 23"
Magnet Dimensions:	6.35 cm x 1.27 mm / 2.5" x 0.5"	6.35 cm x 1.27 mm / 2.5" x 0.5"
Polarities:	Screw side is the south pole of magnet	Screw side is the south pole of magnet
Cover:	Gold plated	Gold plated
Qfactor:	3.21	3.2
ResistanceDC:	7526 ohms	7963 ohms
Resonant Frequency:	2859.84 Hz	2695.19 Hz
Tonal & Resonant Advancements:	Historically accurate "Patent Applied For" replica with airy tone and unbalanced coils. Slightly under wound. Historically accurate "Patent Applied For" replica with airy tone and unbalanced coils. Slightly under wound.	



Control Pocket Lead Assembly Volume

Type:
Peak Voltage:
Range:
Power Rating:
Resistance Tolerance:
Minimum Resistance:

Rhythm Volume

CTS 550K Audio
 1080V
 0-550K
 1/4 watt above 100K
 ohms
 550K +/- 5%
 50 ohms

Lead Tone

Type:
Peak Voltage:

Rhythm Tone

CTS 550K Audio
 1080V

Range:	0-550K
Power Rating:	1/4 watt above 100K ohms
Resistance Tolerance:	550K +/- 5%
Minimum Resistance:	50 ohms

Capacitors:	Lead Value	Rhythm Value
	Orange Drop .022 mF	Orange Drop .015 mF

Hardware



Tuning Keys

Style: Milk Bottle Grover Rotomatic
Material: Die cast alloy
Weight: 38.5554 gm / 1.36oz

Tuning Keys Details

Tuning Ratio: 18:01
Gear Type: Synchronized spur gear system
What is allowable turn: +/- 4 degrees
Plating specs: Gold
Part numbers: 430-14188 / 430-14189

String Dimensions

E: 1.1684mm / 0.046"
A: 0.9144 mm / 0.036"
D: 0.6604 mm / 0.026"
G: 0.4318mm / 0.017"
B: 0.3302mm / 0.013"
e: 0.2540mm / 0.010"

Bridge

Style: ABR with Titanium Saddles
Material: Die cast alloy
Plating Specs: Gold
Part number: 430-10103
Weight: 54 gm / 1.9 oz

Dimensions of String Slots

E: 1.2268 mm / 0.0483 inches
A: 0.9601 mm / 0.0378 inches

D: 0.6934 mm / 0.0273 inches
G: 0.4534 mm / 0.01785 inches
B: 0.3467 mm / 0.01365 inches
e: 0.2667 mm / 0.0105 inches

Tailpiece

Style: Lightweight Stop Bar
Compensated: No
Material: Aluminum
Plating Specs: Gold
Part number: 430-11739 / 430-10930VL (Studs)
Weight: 113.3981 gm / 4.0 oz

Output Jack

Style: 1/4" mono

Jack Plate

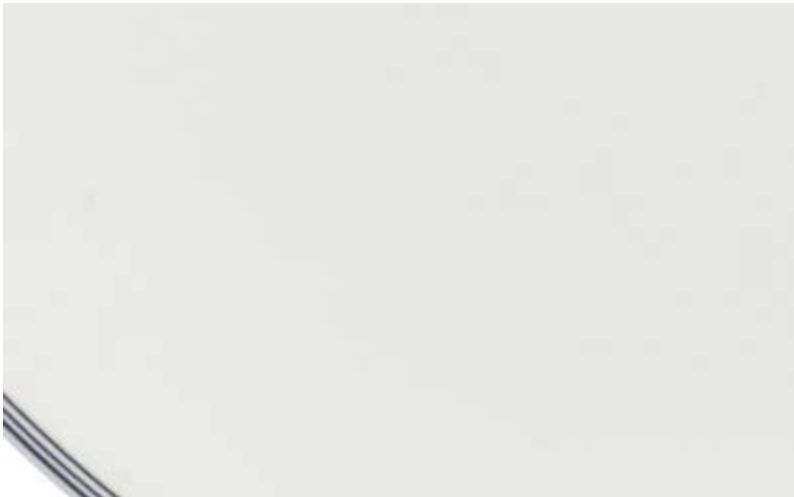
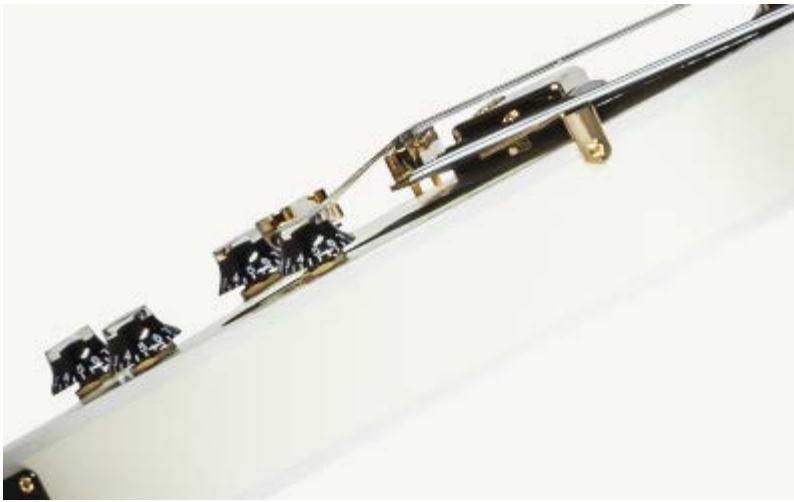
Style: Les Paul Square
Material: ABS - Black
Part Number: 430-19385
Weight: 2.0 gm / 0.07 oz

Strap Buttons

Material: Brass
Plating Specs: None
Part numbers: 430-19521
Weight: 2.268 gm / 0.080 oz

Plastics





Pick Guard

Style: Multi Ply Black Les Paul

Part Number: 380-12580

Truss Rod Cover

Style: Black and white bell with engraved F-Hole
Part Number: 430-19802

Knobs

Style: Black Top Hats
Part Number: 430-19669

Dial Pointers

Yes/No: Yes

Control Plate(s) (Backplate Cover)

Style: N/A
Part Number: N/A

Control Plate(s) (SwitchPlate Cover)

Style: N/A
Part Number: N/A

Switch Washer

Style: Black with hot stamp
gold
Part Number: 430-19295

Trim Rings

Style: Black
Part Number: 440-13850

Accessories



Case

Style: Hard Shell

Color: Brown

Strap Locks: No

Tools: None

Manual: None

COA/Other: Gibson Memphis Artist COA