



ES-335 2015
Additional Specifications
The Original 'Semi': Superbly Versatile With Classic Looks

A top-flight ES-335 with Burst Bucker pickups, Grover tuners, and traditional looks, all skillfully crafted in the USA.

New for 2015

- **F-Hole Emblem Engraved Truss Rod Cover:** The iconic symbol of the Gibson ES line is now the hallmark of Gibson Memphis.
- **Grover Milk Bottle Rotomatic Tuners:** Retro style tuners with modern features and 18:1 ratio for improved tuning accuracy.
- **Redesigned Neck Dimensions:** Added thickness to Peghead transition provides greater strength and stability.
- **Historic Truss Rod:** Superior adjustability due to the Teflon coating, larger diameter rod, original brass anchor and large washer.
- **Bone Nut:** Bone nut for smooth tuning and excellent durability.
- **Rolled Neck Binding:** Binding is rounded off to comfortably fit the contours of the player's hand.
- **Block Fretboard Inlays:** Block fingerboard inlays are synonymous with the 1960's ES-335.
- **Low Profile Frets:** Lower fret height provides smooth playability and accurate intonation.
- **New Finish Colors:** New variations on your favorite vintage color schemes as well as new, eye-catching colors.
- **Burstbucker 1 & 2 Pickups:** Pickups are calibrated for each position for balanced output & brighter sound (closer to original PAF's).
- **Capacitor Changes:** Less treble cut than previous capacitor results in a tone with a harmonically rich, singing quality.
- **Locking Stop Bar Tailpiece:** Solid connection from the stop bar to the body of the guitar increases resonance and sustain all while making string changes simpler.

Body

| | <u>Top</u> | <u>Back</u> | <u>Rims</u> |
|----------------------|------------------------|------------------------|------------------------|
| Wood Species: | Maple/Poplar/ Maple | Maple/Poplar/ Maple | Maple/Poplar/ Maple |
| Pieces: | 3-Ply | 3-Ply | 3-Ply |
| Binding: | Cream | Cream | |

Glue: Franklin Titebond 50

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.

Neck

Neck

Wood Species: Mahogany

Pieces: 1

Truss Rod: Historic

Profile: Slim Taper

Thickness at Fret 1: 20.32 mm / .800"

Thickness at Fret 12: 22.225 mm / .875"

Other Materials: Franklin Titebond 50

Neck Fit

Joint Angle: 4 degrees

Joint Angle Tolerance: 0 deg 0 min 15 sec

Type: Mortise and Tenon

Adhesive: Franklin Titebond 50

Gauges Used: Pitch Height Gauge, Alignment Gauge

Fingerboard

Wood Species: Rosewood (Medium Shade)

Pieces: 1

Radius: 30.48 cm / 12"

Frets: 22

Nut/End of Board: 4.2545 cm / 1.675" @ nut
5.6718 cm / 2.233" @ end of board

Scale: 62.865 cm / 24.75"

Binding: Cream

Side Dots (Color): Black

Inlay Style: Block

Inlay Material: Pearloid

Dimensions: 19.558 mm x 12.70 mm / 0.770"
x 0.500"

Nut

Style: White

Material: Bone

Width: 4.2545 cm / 1.675"

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

Peghead

Type: SP-1

Inlay: Mother of Pearl Crown

Logo: Mother of Pearl "Gibson"

Headstock Angle: 17 Degrees

Tonal, Resonant, and/or Technical Effect: The wood, construction, and headstock pitch all contribute greatly to the tone, aiding this guitar's exceptional sustain and depth, and yielding a resonance that can be felt right through the body

Finishes

| | <u>Cherry</u> | <u>Sunset Burst</u> |
|-------------------------|-------------------------------------|-------------------------------------|
| Color Code: | CH | SB |
| Surface Texture: | Smooth/ Hi Gloss 90 Sheen Lacquer | Smooth/ Hi Gloss 90 Sheen Lacquer |
| Filler: | Walnut | Walnut |
| Sealer: | 1-1.5 mils | 1-1.5 mils |
| Top: | Cherry | Banjo Yellow, New VSB, Cherry |
| Top Coat: | Hi Gloss Lacquer/ 90 Sheen 7-8 mils | Hi Gloss Lacquer/ 90 Sheen 7-8 mils |
| Scraped: | Fingerboard Sides, Body and Nut | Fingerboard Sides, Body and Nut |

Pickups

| | <u>Rhythm</u> | <u>Lead</u> |
|------------------------------------------|-----------------------------------------|-----------------------------------------|
| Style: | Burstbucker 1 | Burstbucker 2 |
| Winds/Coil: Screw side/Slug side: | 5000/5200 | 5300/5500 |
| Material of Wire (gauge): | Enamel (42) | Enamel (42) |
| Coil Dimensions: | 6.6294 cm x 1.7272 cm / 2.61" x 0.68 " | 6.6294 cm x 1.7272 cm / 2.61" x 0.68 " |
| Coil Material: | ABS | ABS |
| Coil Winding Process: | Machine Wound | Machine Wound |
| Pole Piece Material: | Nickel | Nickel |
| Pole Piece Position from Nut: | 47.3075 cm / 18.625" | 59.52998 cm / 23.437" |
| Slug Material: | Nickel | Nickel |
| Slug Dimensions: | 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 II | Alnico II |
| Magnet Position from Nut: | 48.26 cm / 19 " | 58.7375cm / 23.125 " |
| 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: | Nickel-Plated | Nickel-Plated |
| Qfactor: | 5.4 | 5.35 |
| ResistanceDC: | 7.64k ohms | 7.98k ohms |
| Resonant Frequency: | 2863 Hz | 2780 Hz |

Tonal & Resonant Advancements: Classic humbucker tone with historically "unmatched" bobbin windings for vintage humbucker tone with enhanced highs

Control Pocket Assembly

| | <u>Volume</u> | <u>Tone</u> |
|------------------------------|-----------------------------------------|--------------------------|
| Type: | CTS 500K Linear | CTS 500K Audio |
| Peak Voltage: | 1080V | 1080V |
| Range: | 0-500K | 0-500K |
| Power Rating: | 1/4 watt above 100K ohms | 1/4 watt above 100K ohms |
| Resistance Tolerance: | 500K +/- 20% | 500K +/- 20% |
| Minimum Resistance: | 100 ohms | 100 ohms |
| Capacitors: | Lead Value .022mf – Rhythm Value .015mf | |

Hardware

Tuning Keys/Tuning Key Details

Style: Milk Bottle Grover Rotomatic

Material: Die cast alloy

Tuning Ratio: 18:1

Gear Type: Synchronized spur gear system

What is allowable turn: +/- 4 degrees

Plating specs: Nickel

Part numbers: 430-14192 / 430-14193

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/Tailpiece

Style: Tone Pro AVR-2/Locking Stopbar

Material: Die cast alloy/ Die cast zinc

Plating Specs: Nickel

Part number: Bridge: 430-10155TP, Tailpiece: 430-10173/430-10568

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

Strap Buttons

Material: Aluminum

Part numbers: 430-19150

Plastics

Truss Rod Cover

Style: Black and white bell with engraved F-Hole

Part Number: 430-19802

Knobs

Style: Black Top Hat

Part Number: 430-19669

Dial Pointers

Yes

Trim Rings

Style: Black

Part Number: 440-13850

Accessories

Case

Style: Hardshell

Color: Tan

COA/Other: Gibson Memphis
COA