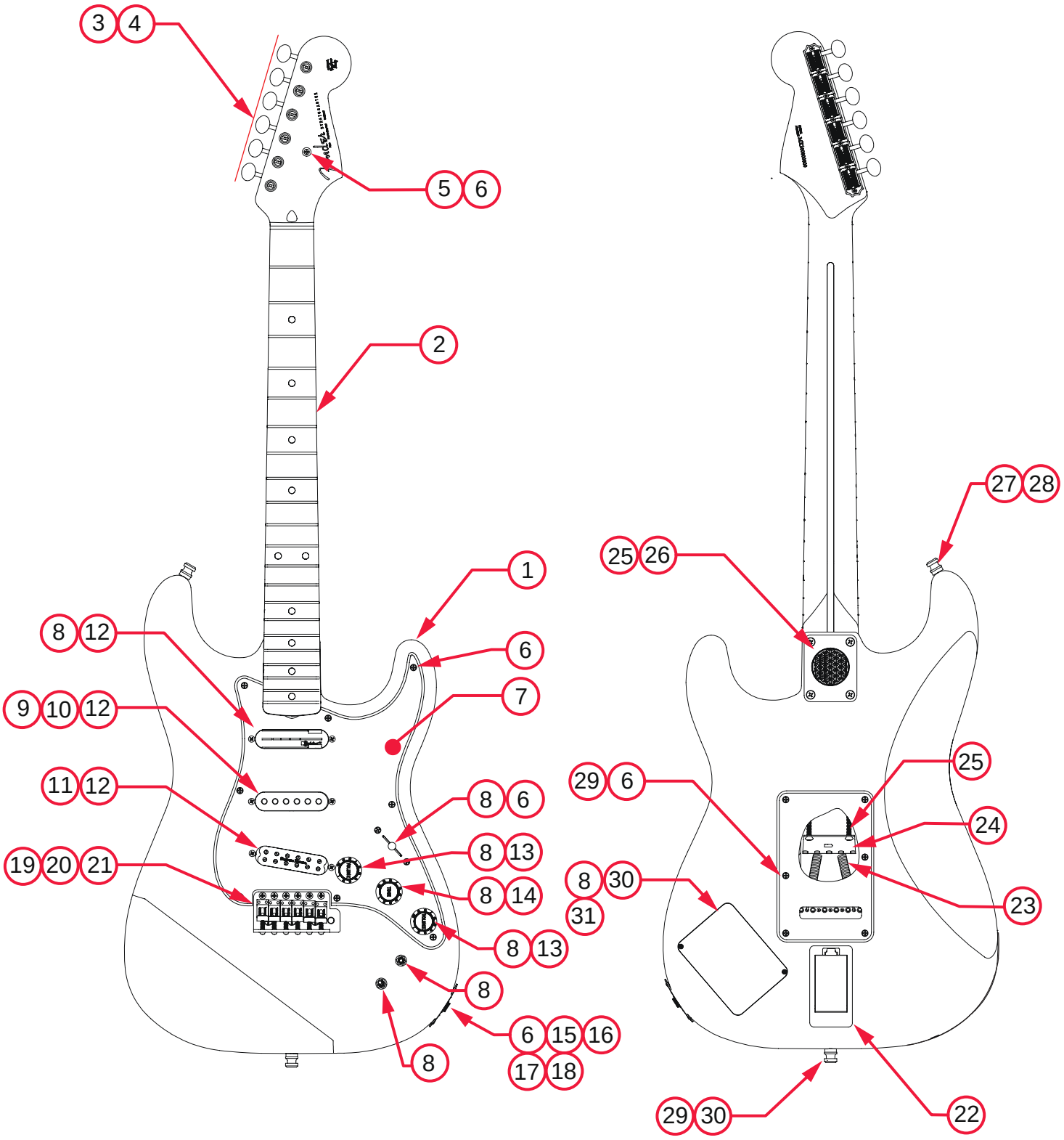
# STANDARD STRATOCASTER EOB ® (014-0192-305)

## PARTS LAYOUT





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# STANDARD STRATOCASTER EOB ® (014-0192-305)

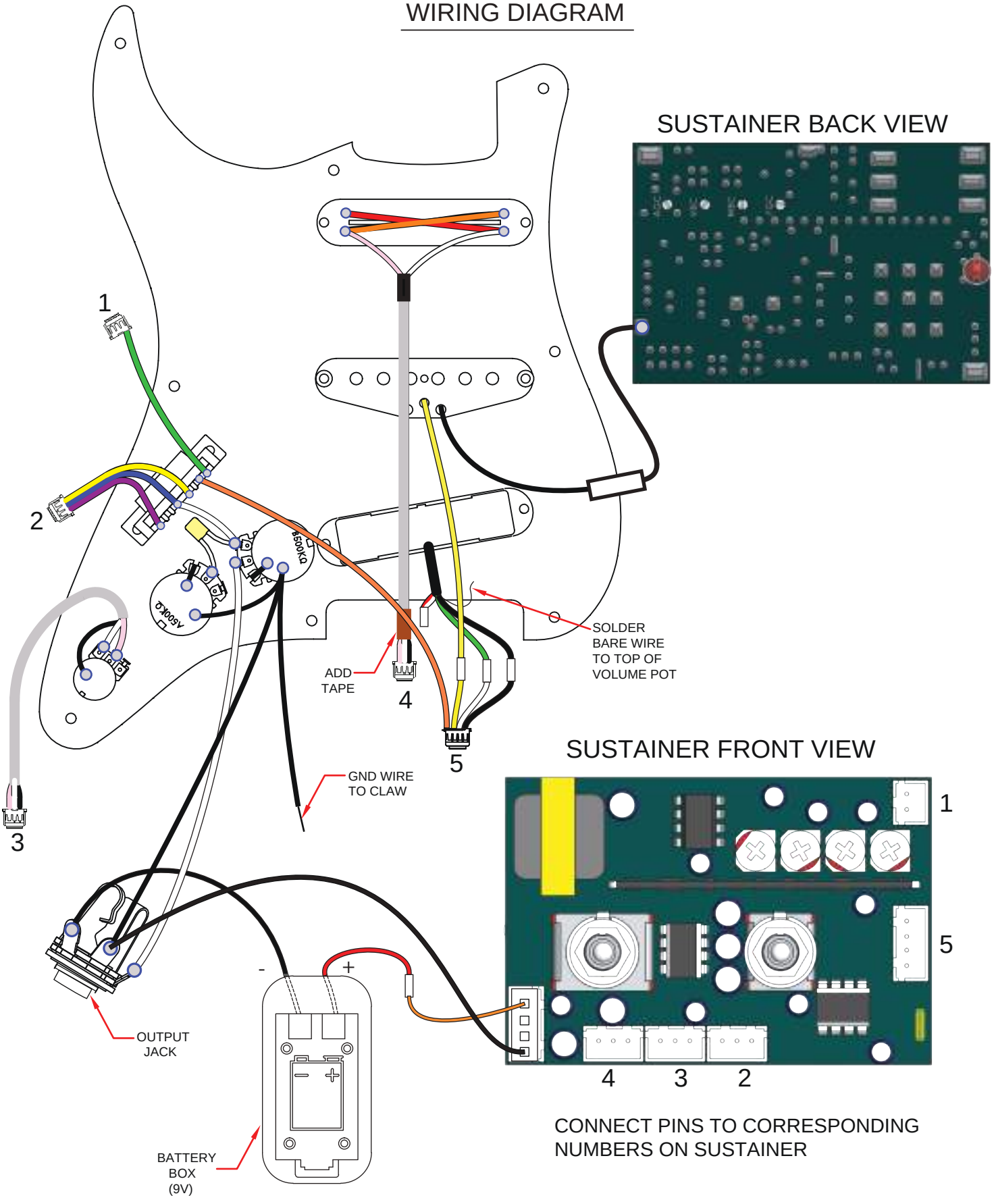
## PARTS LIST

| REF# | DESCRIPTION | PART NUMBER |
|---|---|---|
| 1 | BODY STRAT ED O'BRIEN OWT B&P | 7711834505 |
| 2 | NECK 50'S STRAT EOB MN B&P | 7711833000 |
| 3 | VINTAGE TUNING KEY BUSHINGS | 0994946000 |
| 4 | AM VIN GUITAR TUNERS W/LOGO RH | 0992074000 |
| 5 | ORIGINAL TELE STRING GUIDE | 0994912000 |
| 6 | SCRW SMAB 4x1/2 OHP NI | 0015578049 |
| 7 | PICKGUARD EOB STRAT P/B/P | 7711572000 |
| 8 | SUSTAINER KIT FERNANDES ED O'BRIEN | 7709872000 |
| 9 | PICKUP STRAT TX SPC MIDDLE | 0038932000 |
| 10 | COVER PICKUP STRAT, NYLON WHI | 0016865000 |
| 11 | DUNCAN JB JR MID SJBJ-1N WHT | 0097281000 |
| 12 | SCRW 6-32X3/4 RHP TAPTRI L ZA | 0048631049 |
| 13 | KNOB STRAT VOLUME WHITE PIMCO | 0056149000 |
| 14 | KNOB STRAT TONE WHITE PIMCO | 0056148000 |
| 15 | FERRULE JACK RECESS FTBALL CHR | 0050100000 |
| 16 | JACK PHONE STEREO 12B | 0013043000 |
| 17 | WSHR FLAT 3/8x.614 NI | 0031153049 |
| 18 | NUT HEX 3/8-32x3/32 TK NI | 0016352049 |
| 19 | BRIDGE ASSY VINT PING SGGBFNCV | 0054619000 |
| 20 | SCREW WOOD RH 6 X 1-1/4 | 0016170000 |
| 21 | EOB TREMOLO ARM | 7711835000 |
| 22 | BATTERY BOX BLACK FOJ 6" WIRES R/B | 0028307006 |
| 23 | SPRING TREMOLO TENSION, VINT | 0031643049 |
| 24 | SPRING, TREMOLO CLAW NICKEL | 0050918000 |
| 25 | SCRW SMA 8x1-3/4 OHP NI | 0015636049 |
| 26 | NECK PLATE ED OBRIEN | 7711168000 |
| 27 | STRAP BUTTON STD/ELITE CHROME | 0021453000 |
| 28 | SCRW SMAB 5x1 OHP ZA CHR | 0021422049 |
| 29 | EOB BACK PLATE P/B/P | 7711572012 |
| 30 | EOB SUSTAINER BACK PLATE P/B/P | 7711572024 |
| 31 | SCRW SMAB 2x1/2 FHP BLX | 9280530407 |


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# STANDARD STRATOCASTER EOB ® (014-0192-305)

## WIRING DIAGRAM




## SUSTAINER BACK VIEW



## SUSTAINER FRONT VIEW




CONNECT PINS TO CORRESPONDING NUMBERS ON SUSTAINER

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# STANDARD STRATOCASTER EOB ® (014-0192-305)

## PCB TRIM POT ORIENTATION

FRONT VIEW

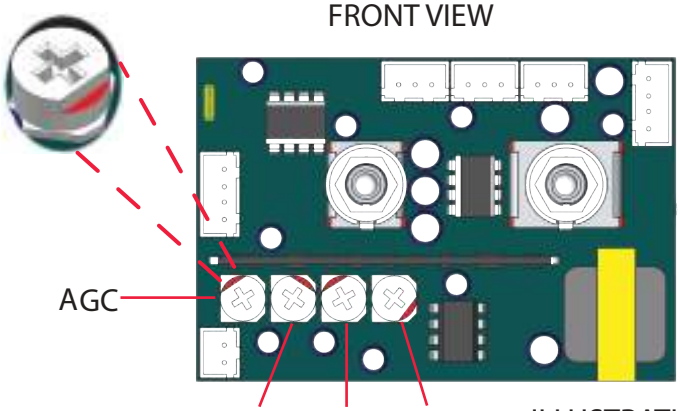



ILLUSTRATION 1

BACK VIEW

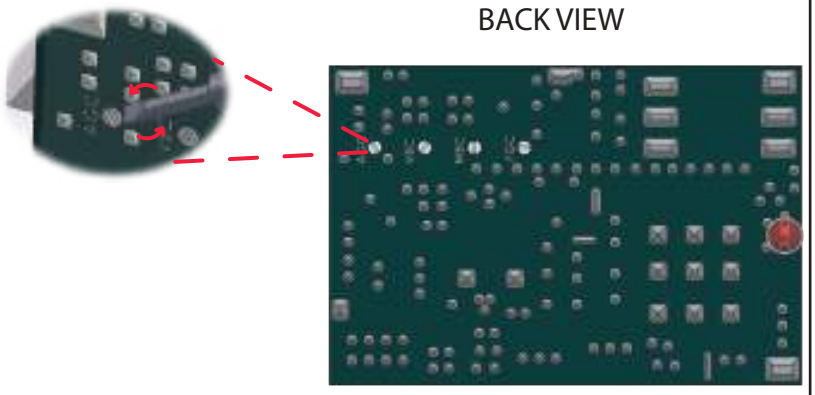


ILLUSTRATION 2

Illustrations above show useable, average settings of the Fernandes Sustainer Trim Potentiometers. If needed, adjustments may be made to improve individual performance for your technique and style of music, or to satisfy personal preference.

Before making any adjustments please verify that the string height over the Fernandes Sustainer Driver (Neck pickup) and the Bridge pickup is properly set to within these specifications:

* Set Bridge orientation flat.
* Fernandes Sustainer :
  Set so that string height over the pickup is 2/64" (0.793mm)
* Middle Pickup :
  Set so that string height over the pickup is 8/64" - 4/64" (3.1mm - 1.58mm)
* Bridge Pickup :
  Set so that string height over the pickup is 4/64" (1.58mm)

Use a small, flathead screwdriver to gently adjust the Trim Potentiometers

* If you need to adjust trim pots from the back of PCB use CCW to increase value and CC to decrease (see illustration # 2).
* If you need to adjust trim pots from the front of PCB use CCW to decrease value and CC to increase (see illustration # 1).

**FGC –** Output control for the neck pickup, which is also the Fernandes Sustainer Driver. Set it to match the output of the Middle or Bridge Pickup.

**VBC –** Vibration control. Turn clockwise to increase the Fernandes Sustainer attack. NOTE: Battery drain increases as this control is increased.

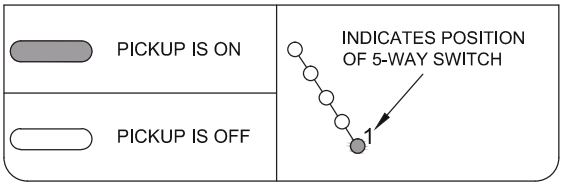
**AGC –** Sustainer gain control. Set as high as possible, clockwise, without feedback appearing in the guitar's output. If feedback does occur, turn control counter-clockwise until feedback no longer occurs.

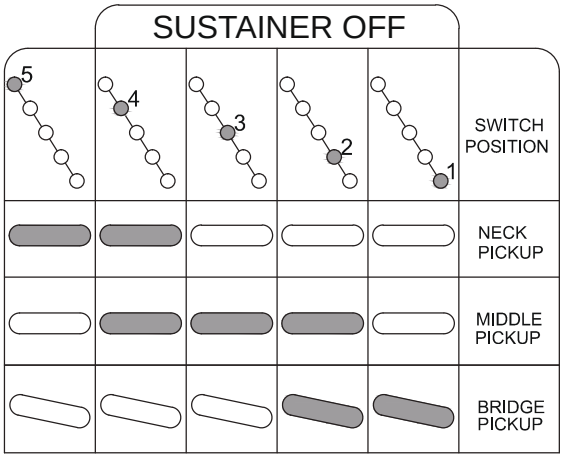
**MBC –** Balance control. Balances the Fernandes Sustainer output between the "Standard" and "Harmonic" modes. This control is typically set to zero.

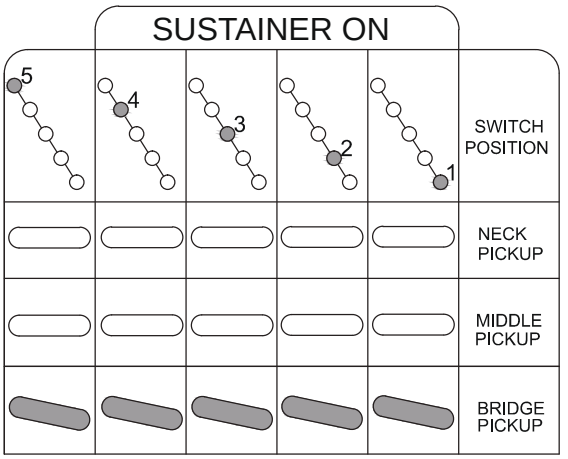
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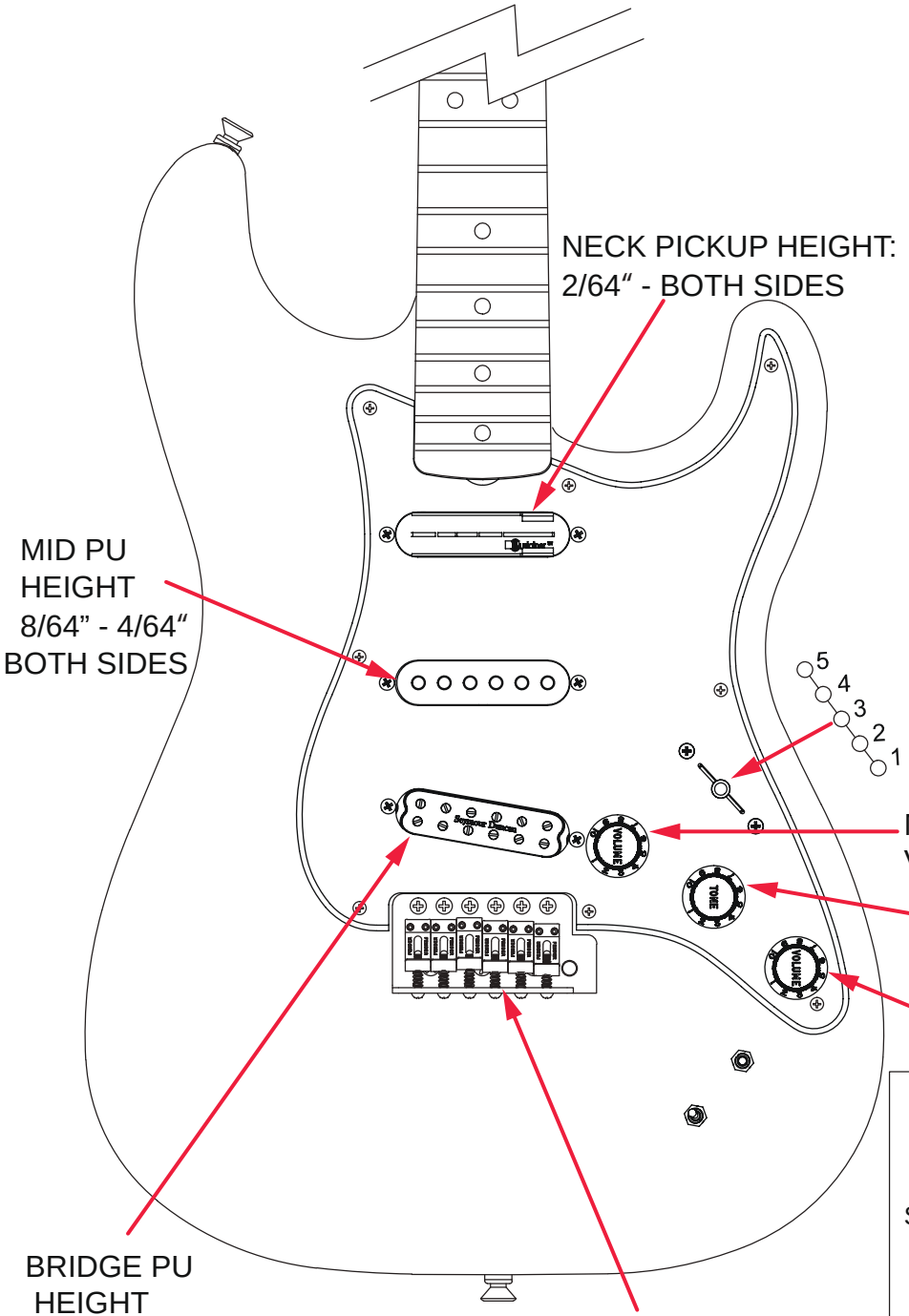
# STANDARD STRATOCASTER EOB ® (014-0192-305)

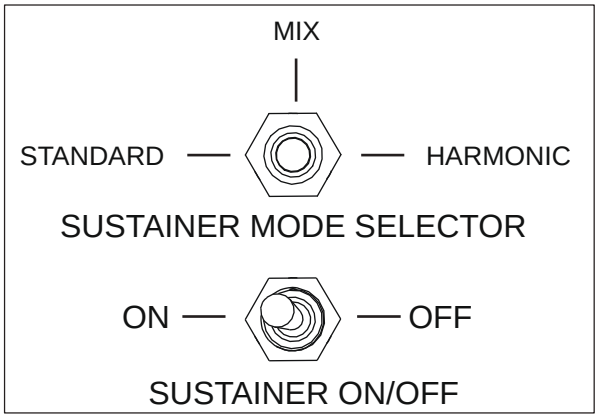
## SWITCH AND CONTROL FUNCTION



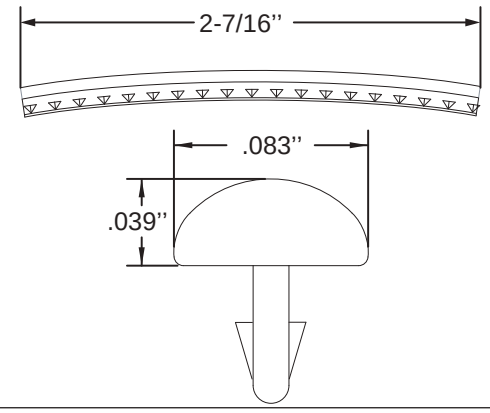




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# STANDARD STRATOCASTER EOB ® (014-0192-305)

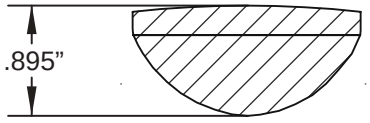
## ADDITIONAL SPECIFICATION DETAIL

FRET SIZE: MEDIUM
(FRET DIMENSIONS ARE BEFORE INSTALLATION)

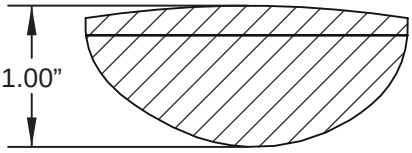



PLEASE NOTE: AS EACH NECK IS SANDED & FINISHED BY HAND, THICKNESS DIMENSIONS MAY VARY SLIGHTLY FROM THOSE SHOWN.

NECK PROFILE: SOFT "V"



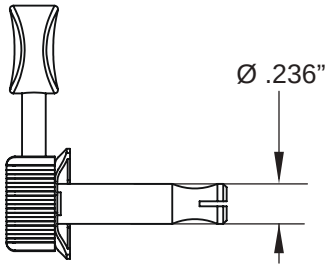

1ST FRET PROFILE



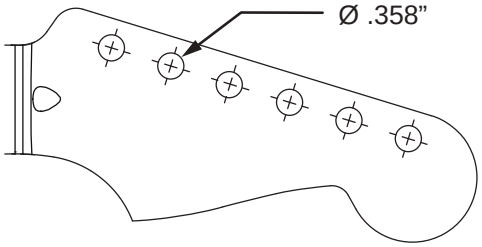

12TH FRET PROFILE

KEY VINT ST PING
P/N 0047912000

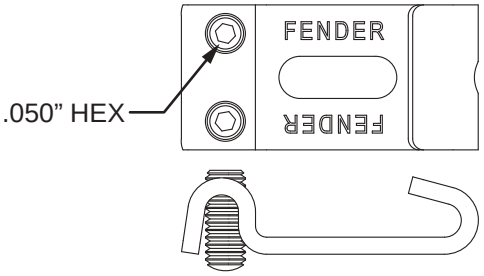
BUSHING KEY VINT
PING P/N 0053020000




TUNING MACHINE THRU-HOLE
INNER DIAMETER .358"

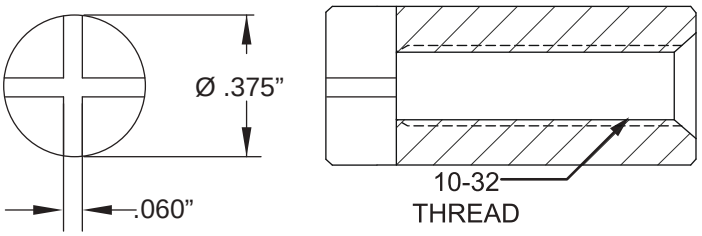



SADLE HEIGHT ADJUSTMENT WRENCH
P/N: 0018531049

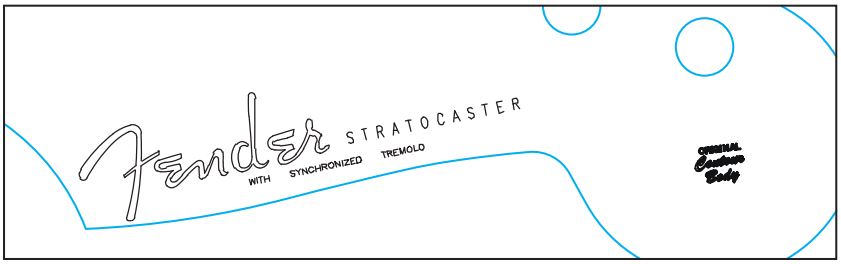



SADDLE HEIGHT ADJUSTMENT SCREW
P/N 0075536000

NUT NECK ROD P/N 0994944000




LOGO: DECAL VINTAGE STRAT
APPLIED UNDER THE FINISH




PICKUP SPECIFICATIONS

| POSITION | MAGNETS | DC RESISTANCE | POLARITY |
|---|---|---|---|
| NECK | SUSTAINER DRIVER | | |
| MIDDLE | ALNICO 5 UNBEVELED | 6.2 - 6.8KΩ | NORTH |
| BRIDGE | CERAMIC | 15.2KΩ | NORTH SOUTH |


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## MAINTENANCE

One of the best and easiest ways to take care of your guitar is to simply keep it clean.

Dirt, dust, sweat, skin oil, spilled beverages, smoke and other gunk can prematurely age your guitar's finish and hardware. Fight back—some basic cleaning know-how can go a long way toward keeping your instrument looking beautiful. Therefore:

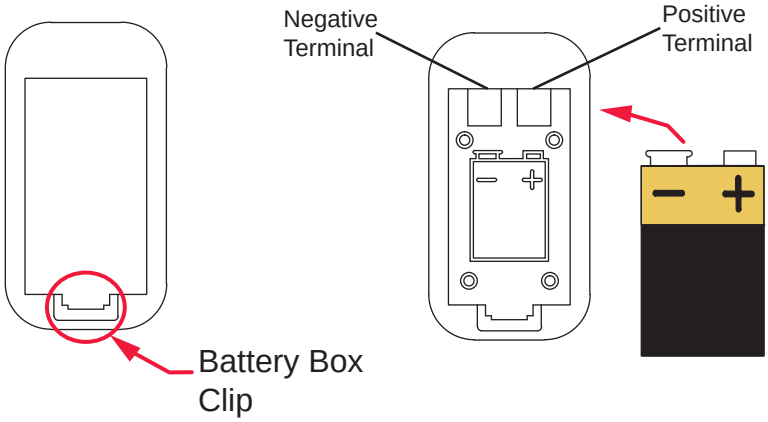
DO

- Wipe the strings, neck and bridge often with a lint-free cloth.
- Wipe metal parts clean with a soft, dry polishing cloth. You don't need to spray anything on them; simply wiping them off will usually suffice quite nicely
- Clean finished wood surfaces—the body of your instrument, that is—with cleaning agents made specifically for guitars; available at most music stores (visit the "Care & Cleaning" section of Fender.com for plenty of stuff to do this with).

DON'T

- Use anything other than what we just told you about to clean finished wood surfaces. Do not use glass cleaner (or anything with ammonia in it) or products containing abrasives or silicon (as some paste cleaners do). Best to play it safe and smart by sticking to cleaners and polishes made specifically for guitars.
- Expose lacquer finishes for very long to plastics, synthetics and surgical rubber tubing (stop snickering; it's used on many guitar stands and straps), all of which react adversely with lacquer.

To change the battery, open the battery box by pressing on the clip. Remove the battery from the battery box and insert the new battery, make sure to connect positive and negative terminals correctly.




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## SUSTAINER SOUND TEST

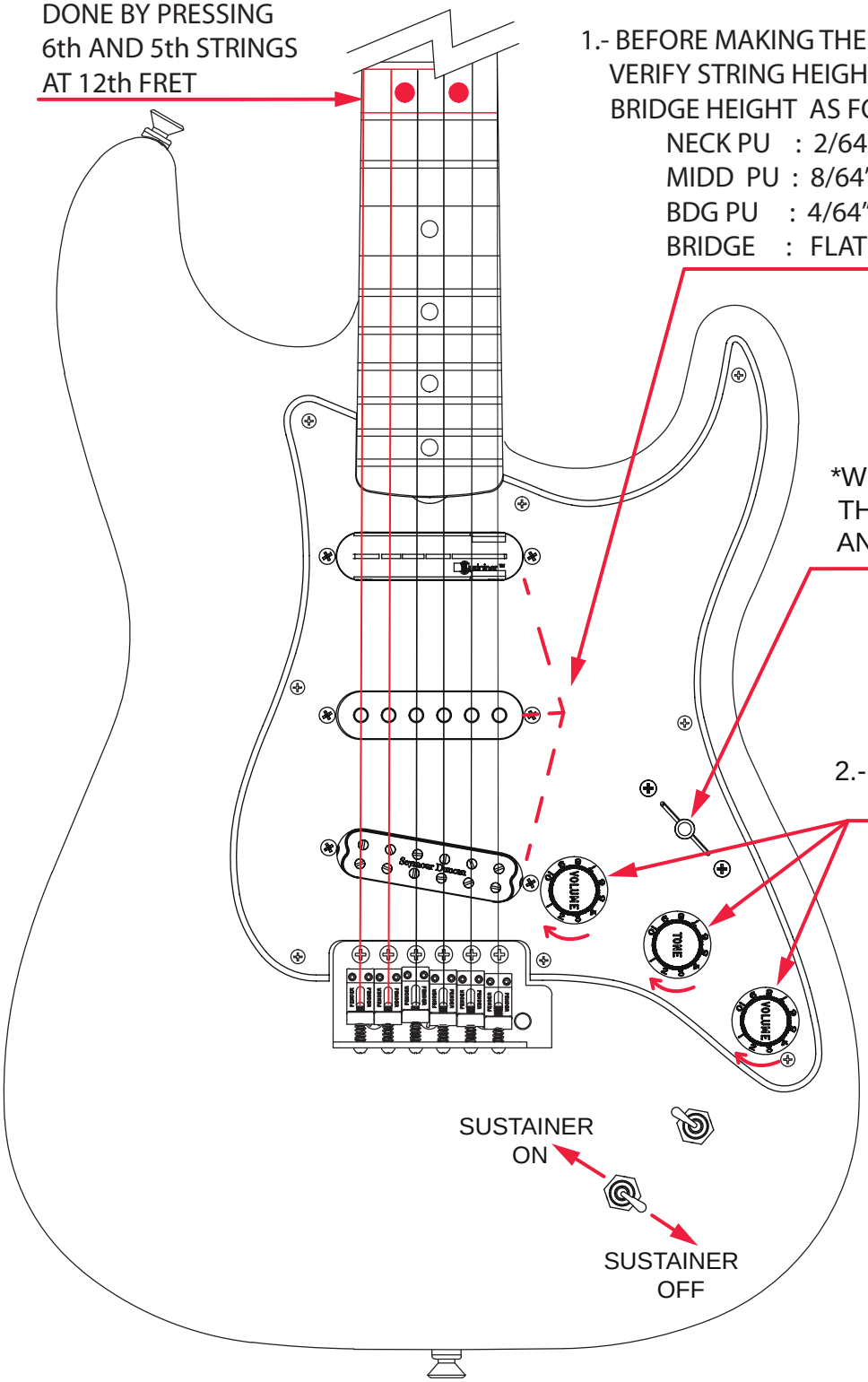
*SOUND TEST MUST BE DONE BY PRESSING 6th AND 5th STRINGS AT 12th FRET

1.- BEFORE MAKING THE SOUND TEST PLEASE VERIFY STRING HEIGHT OVER THE PICKUPS AND BRIDGE HEIGHT AS FOLLOWS :

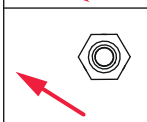
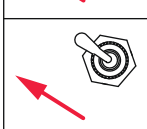
NECK PU : 2/64"
MIDD PU : 8/64" - 6/64"
BDG PU : 4/64"
BRIDGE : FLAT

*WHILE SUSTAINER IS "ON" THE LEVER SWITCH CAN BE IN ANY POSITION

2.- THE THREE POTS MUST BE AT MAXIMUM




3.- SOUND TEST (TURN SUSTAINER ON) PLAY 6th AND 5th STRINGS AT 12th FRET IN HARMONIC MODE. WAIT FOR AT LEAST 4 SECONDS SOUND MUST BE MAINTAINED (REPEAT FOR MIX AND NATURAL)

| | |
|---|---|
|  | HARMONIC MODE |
|  | MIX MODE |
|  | NATURAL MODE |

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