

# Cavalier Vintage Pickups

All Cavalier Fender type single coil pickups are hand built with vintage spec'd vulcanized fiber flatware, AlNiCo/Cu rod magnets, hand guided coil wire, cloth covered leads, potted with beeswax & paraffin wax.

**Pickup Polarity and Wind Direction** - Unless customer specified, the defaults are: **Tele/Esquire bridge pickups are wound counter-clockwise and are top North poled** (a magnetic compass South needle will point to the pickup's top), and **Tele neck pickups are wound clockwise and are top South poled**. This will allow a noiseless humbucking mode when both pickups are selected. Strat sets are wound with the middle pickup as reverse wound, reverse polarity (RWRP). Wind direction and polarity are always options.

**Coil wires are delicate ~ Please handle all pickups carefully, particularly Lion Tele/Esquire bridge pickup coil lead wires.**

If the top magnetic polarity for any Tele, Esquire, or Strat pickup is an issue with any other pickup in your guitar, flipping any rod magnet pickup's top magnetic polarity is easy - email me for info!

As with most passive guitar/bass pickups, **the pickup height distance between the top of the pickup and the guitar strings is critical to tone** - a teeny tiny bit can count a bunch! Use your **EARS!**

**Cavalier Wiring** ~ For all single coil **non-tapped** Cavalier pickups - all BLACK cloth covered leads are ground and all WHITE or YELLOW cloth covered leads are signal ("hot"). All Twin and Hydra Lions use plastic covered leads. Unlike most other single coil pickups, Cavalier leads can be reversed to care for any phasing issues. The exception are tapped pickups (Twin and Hydra) - leads for these pickups can **NOT** be reversed.

**Cavalier Phoenix Firebird** - There are 2 leads, white and black, either lead can be hot or ground. These leads can be flipped to care with phasing of another pickup. Or, the leads may be single conductor where the outer braid shield is both the coil ground and cover/frame ground - these leads can not be reversed.

**Cavalier Esquire Stealth** has no mounting screws - the supplied foam can be trimmed shorter in height as needed to allow the pickup to set about 1/16" over the guitar top - the pickguard holds it in place.

**The GREEN Tele neck pickup lead** is the cover ground and must be soldered to the back of any pot. This allows swapping the neck pickup leads to care for phasing issues with another pickup, and preps the pickup to be installed with 4-way, 5-way or mega switches.

**The GREEN Tele/Esquire bridge pickup lead** is for string grounding, and is **optional only IF** the guitar the pickup will be put in already has a string grounding with a bridge string ground wire. Again, having a separate string grounding lead for this pickup allows the pickup leads to be swapped to care for any subsequent phasing issues with other pickups.

**NOTE:** Leads for the single tapped **Twin Lion, Twin Lion King**, or dual tapped **Hydra Lion** ...

\_\_\_\_\_ = hot tap 1 \_\_\_\_\_

\_\_\_\_\_ = hot tap 2 \_\_\_\_\_

\_\_\_\_\_ = hot full coil \_\_\_\_\_

**Reversing leads for phasing issues can NOT be done for any tapped pickups!**

**Email - [Rob@CavalierPickups.com](mailto:Rob@CavalierPickups.com) ~ [www.CavalierPickups.com](http://www.CavalierPickups.com)**

*(Note - "Fender", "Tele", "Esquire", "Strat", "Precision Bass" are all copyright of FMIC, "Firebird" is copyright of Gibson USA)*

**WARRANTY** - Cavalier Pickups warrants that its products are free from defects in materials and workmanship for original owner's LIFE and will repair or replace any part which (under normal installation and use) discloses such defects, if the product is returned to Cavalier Pickups with prepaid shipping charges, and provided that the product, upon examination by Cavalier Pickups, discloses that it is defective. This warranty does not extend beyond the original purchaser, nor to any Cavalier Pickups product which has been damaged by misuse, accident, improper installation, use in violation of the instructions, tampering, alteration or repair outside of our domain.

**RETURNS & EXCHANGES** - There is NO return or exchange policy, unless there is a verified build defect (see Warranty). **DO NOT RETURN MERCHANDISE WITHOUT FIRST CONTACTING CAVALIER PICKUPS.** \* Rev 04-10-2022 \*