When wiring to existing pickups: If in-between position is too thin you are out-of-phase. Just reverse the + and ground leads on the GFS pickup without disturbing the silver shield. On Tele Bridge pickups the baseplate ground lead must also be reversed. GFS Humbuckers may also be wired using Seymour Duncan wiring codes.

**GFS 5 Wire Humbuckers, MM Pro**

Start

Black = Ground

Silver Shield = Ground

Green = +

Connect Red to White

No Contact for Humbucker

Connect to ground for Single Coil

End

White

Start

End

Solder all grounds at the same location- Back of Volume pot is best. In single coil mode Neck Humbucker uses ONLY Neck-side Coil, Bridge Humbucker uses only Bridge-side coil. To reverse these short red-white pair to + instead of ground.

**GFS Single Coils, P and J Bass**

White or Color = +

Black = Ground

On Premium Sets: Blue = Bridge

Yellow = Mid

White = Neck

On Authentic Sets: Highest K = Bridge

Middle K = Mid

Lowest K = Neck

Solder all grounds at the same location- Back of Volume pot is best.

For Pro Tubes- MIDDLE PICKUP- RED=+, White=Ground

**Dream 90, Mean 90, NY II, Pro Tube Singles**

White = +

Red or Black = Ground

Silver = Case Shield

Connect to ground

If you are experiencing unusual handling noises, sometimes the pickup will function best without the shield connected to ground, but Black or red lead must ALWAYS connect to ground.

Ground lead is soldered to shield at factory- peel back some insulation to reveal it.
Suggested Pot and Cap Values

**Pots**

- Humbuckers = 500K
- Rail Humbuckers = 500K
- Overwound Strat Sets = 500K
- Vintage and Texas Strat Sets = 250K
- Pro Tubes = 250K

**Caps**

- Humbuckers = .022uf, .033uf for darker tone
- Rail Humbuckers = .022uf or .047uf
- Single Coils = .047, .05 or .1uf for darker tone
- Pro tubes = .047uf