

Dghqtg {qwuctv. tgc f vj gug kput wevkpuhtuv vq wpf gtucpf y j cv {qwpggf vq f q vq kpuvcmy kur tqf we0

5 ggi a dhjcbg

Vj ku wr i tcf g ku f guki pgf vq wug qpg O cvgt Xqno g cpf Vqpg eqptqnhqt cmqh {qwt r kemw u0 **P qvg<Cevkxg**
*wugu dc wgt kgu+qt Rk/ gq r kemw u ctg pqvuw r qtvgf 0

Hcc`g BYXYX

[qwo c { pggf qpg qt o qtg qh vj g hqmy kpi vqnu *pqvkemf gf y kj r wtej cug+vq kpuvcmy ku wr i tcf g0

- Y ktg ewwgtu l Y ktg utkr rgtu
- Tgi wrt r rgtu
- Uo cmRj knkr u(utcki j vuvvuetgy f tkgt
- Qj o o gvt vq o gcwtg eqpvkpwk/
- Qr vkpcn<Uqrf gt kpi ktqp *47152 y cwo cz0+y kj hpg vr . tqvk/eqtg uqrf gt 0244ö f kc0

DfYUa VY

Vj ku **Tlengpdcengt** Wr i tcf g y kmj cxg {qwewkpi gzknkpi y ktgu qp {qwt kputwo gpv0 [qwo c { pggf vq o cng y ktg eqppgev kpu. kpetgcug vj g ngpi vj qhgzknkpi y ktgu. cpf tgo qxg uqo g y qqf kp {qwt kputwo gpvdqf { ecxk/0

Dgecwug {qwy kmo cng ej cpi gu vq {qwt kputwo gpv. {qwpggf vq j cxg c r mp vq kpuvcmy {qwt r tqf we0

Ugg vj g *Tghgt ppeg Ftcy kpi* qp c rvgt r ci g qh vj ku f qewo gp0Wug c r gpeknvq f tcy vj g qtki kpcnektewkqh {qwt kputwo gpvdghqtg r tqeggf kpi 0D { tgeqtf kpi y j gtg y ktgu **cpf vj ght eqnqtu+y* gtg tgo qxgf htqo {qwt kputwo gpv. {qwj cxg c y c { vq tguvqtg kvq ku qtki kpcneqpf kkpq uj qwf kvdgeo g pgeguuct {0Ukpeg vj gtg ku c rcti g xctkcvkq qhr kemw y kpi vj cvur cpu 72 {gctu. {qwy kmpggf vq f tcy {qwt qy p r kemw uy kej wugf kp {qwt qtki kpcn ektekw

5 XX]b[9I fUK]fY

Ku {qwt r kemw qt qwr wlcemy ktgu ctg vq uj qtvvq gcuk/ tgcej vj g ur gekhgf eqppgev kq qh vj g i tggp vgt0 kpcn utkr qp vj g **Rlemw Uy kej Wri tcf g**° ektekw dactf . j gtg ku y j cvvq f q0 O gcwtg qwv j g pggf gf ngpi vj qh vj g TGF qt DNCEM kpi vj g kpenmf gf rctvu dcr vq r gto kvj g y ktg vq tgcej vj g cr r r kcdng eqppgev kq0C ngpi vj qh 5ö *9(84eo +ku dwf i gvgf hqt gcej y ktg gzvgpukq0Kugtv vj g vputkr r gf gpf qh gcej y ktg kvq vj g 4/y ktg Wl 4 {gmy lenct eqppgev t cpf erco r f qy p wukpi tgi wrt r rgtu0

Wug r rgtu vq us wgg/ g vj g Wl 4 eqppgev t vqr dwwq uq kvku hnuj y kj vj g dqf { vq etgcvg c r gto cpgpvgrgevkcn eqppgev kq0**Xgt k/ grgevkcn eqpvkpwk/ dgvy ggp vj g vy q gzvgpf gf r kemw y ktguy kj cp qj o o gvt *uqo g eqknt gukvcpeg y kndg r t gupv**0Vj g 93D i tg/ y ktg pwwu ctg wugf vq o cng vj g pggf gf ht0 cpf kpuwcvgf eqppgev kq vq vj g qwr wlcemy ktgu. dwwrv {qwf kveqppgev vj g wr i tcf g khpggf gf 0

P qvg<Kgkj gt {qwt r kemw qt qwr wlcemy ktgu wug c uj krf gf ldtckf gf ecdng. {qwy kmpggf vq uqrf gt drcemy ktg vq vj g uj krf gf ldtckf gf ecdng dgecwug vj g i tggp vgt0 kpcnutkr *13+f qgu pqvf ktgew/ ceegr vuj krf gf ecdng0

F= ?9B657?9F I D; F589

[qwj cxg tgegkxgf cp cuugo dnrf cpf vguvff **Tlengpdcenqt** Wri tcf g vj cvku fguki pgf vq kpuvcmqpv c {qwt Tlengpdcenqt i wkct0Kveqpvckpu qwt V4/Uy keij cpf qpg o cuvgt vqpg cpf xqno g eqpvtqny kj *qrvtqpcno* cvej kpi npqdu0K i gpgtcn pq uqrf gtlpi ku pggf gf vq kpuvcmy kur tqf vxo0[qwy kmwug {qwt qy p r lenw u0Vj g hqmty kpi kgo uctg kpenw gf kp c Rctw Dci 0

- Cp Cy gUqo g O wulecnKputwo gpwj gcf uqemf gecnvq cr r n[vq {qwt kputwo gpv
- Ugxgtendwukpguu ectf u vq r cuu qwwvq ht kpf u
- Cp gs wcnrgpi vj gcej qhdrcemcpf tgf kpuwrcvff y ktg *vq ngpi vj gp r lenw cpf qwr wlcemy ktg khpggf gf +
- 6 {gmty lergct eqppgevqtu *W 4+vq o cng r lenw y ktg gz vpuvq eqppgevkpu khpggf gf
- Qr vkpcnXqno g cpf Vqpg eqpvtqnpqdu khpggf gf
- 4 i tg{ y ktg pww *93D+vq eqppgevqwr wlcemy ktgu vq {qwt wr i tcf g

DfYdUfUjcb

Tgo qxg {qwt gz kuki r leni wctf cwcej kpi uetgy u0Uqtg vj go kp c uo cmdqy r0Tgo qxg {qwt ny gt r leni wctf 0 Fqewo gpv {qwt gz kuki y kpi hqt {qwt r lenw u cpf qwr wlcem*ugg *Rt gco drg* qp r ci g 3+dghyt g {qwuvt0

Ewvj g **qwr wlcemy** ktgu y gtg vj g{ ctg cwcej gf vq {qwt qtki kpcnr leni wctf *rgcxg c 3Kö ngpi vj eqppgevff vq {qwt uqemr leni wctf 0+Vj g y ktgu uc{ qp vj g qwr wlcen0Utkr 5: ö kpuwrcvff htqo gcej qwr wlcemy ktg 0

Ewvj g **r lenw y ktgu** y j gtg vj g{ ctg cwcej gf vq {qwt qtki kpcnr leni wctf *rgcxg c 3Kö ngpi vj eqppgevff vq {qwt uqemr leni wctf 0+Kpggf gf. ewvj g dtkf i g i tqwff y ktg htqo {qwt qtki kpcnr leni wctf *rgcxg c 3Kö ngpi vj eqppgevff vq {qwt uqemr leni wctf 0+Tgo qxg {qwt qtki kpcnr leni wctf 0Vgo r qtctk[uqy vj g r lenw cpf qwr wlcemy ktgu y kj kp vj g dqf { ecxk0

Eqphkto vj cvvj g wri tcf g {qwtgegkxgf y knrc{ eqo r ngvnl hrcvy kj pq kwthgtgpeg d{ vj g y qqf dqf {0Kk vj g wri tcf g r {u hrcv r tqeggf vq vj g pgzvugevkqp. *Vgt o kpcnUtkr*. vq eqpvkpwg y kj vj g wri tcf g r tqeguu0

HYfa]bU Ghjd

J gtg kuj qy vq cwcej y ktgu vq vj g **i tggp** vgt o kpcnutkr *L3+vj cvku qp vj g r tkpvgf ektevkvdqctf 0Wug c uo cm uetgy ftkxgt qt y tkkpi r gp vr cpf r tguu f qy p qp vj g us wctg *tgrgcug dwwqp* nqecvff f ktgevn[cdqxxg vj g y ktg j qrg0 J qrf vj g dwwqp f qy p cpf kpugt vj g utkr r gf y ktg eqo r ngvnl kp vj g y ktg eqppgevkqp j qrg cpf vj gp tgrgcug vj g dwwqp0Nki j v[wii qp vj g y ktg vq eqphkto kvku hko n[i tkr r gf d{ vj g Vgt o kpcnUtkr 0C ngi gpf kur tkpvgf qp vj g ektevkvdqctf y kj vj g pco g qhgcej vgt o kpcnutkr y ktg j qrg htqo nghvq tki j 0Cwcej gcej y ktg vq vj g eqttgev vgt o kpcnutkr j qrg0K cmlkucpegu. eqppgev vj g **IPF** cpf **XQN** y ktgu htqo vj g Xqno g lVqpg eqpvtqnektekv f kur r {gf kp **Hli wt g 4** vq vj g y ktg eqppgevkqp j qrgu qp vj g vgt o kpcnutkr 0

V4/Uykvej *8/jqng vgtokpcn uvtkr+<]IPF_]XQN_ 1-_0~<=>EG]/_ 1-_0~<=>EF1/_

Ecwvkqp<Fq pqv kpugt vj ctf kgo u kp vj g y ktg j qrgu dgecvug kv y knf get gcug tgrkc drg grgevt kecneqppgevkqp0

7 cbbYW]b[Mci f K]fYg

Vj gtg ku pq kpf wut { ucpf ctf hqt r lenwr y ktg rncf eqmtu00 qtg eqo o qp eqmt r cktu ctg tgf ldr em tgf ly j kg. drcemy j kg cpf y j kg luj kgrf 0[qwctg cf xkugf vq wug eqpukugpe { y j gp eqppgev kpi { qwt r lenwr y ktg eqmt r cktu vq vj g 1- _ cpf 16_ r lenwr eqppgev kpu qp vj g i tggp vgt o kpcnutkr *L3+0

F gvt o kpg y j lej y ktg eqmt hqt gcej r lenwr eqkny kndg cwcej gf vq vj g cr r rkecdrg 1- _ cpf 16_ i tggp vgt o kpcnutkr eqppgevqt qp qwt ekewkdqctf 0 **P qvg<K** gkj gt { qwt r lenwr qt qwr wy ktgu wug c uj kgrf gf ldtckf gf ecdrg. { qwy kmpggf vq uqrf gt drcemy ktg vq vj g uj kgrf gf ldtckf gf ecdrg dgecwug vj g i tggp vgt o kpcnutkr *L3+f qgu pqv f ktgev { ceegr vuj kgrf gf ecdrg 0

F gvt o kpg kh vj gtg ku gpqwi j y ktg rnci vj ltqo gcej r lenwr vq *eqo hqt wdrf* tgej vj g eqttgur qpf kpi eqppgevqtu qp vj g i tggp vgt o kpcnutkr qp vj g **R lenwr Uy kej Wri tcf g** v o r tkpvgf ekewkdqctf 0 **K** pqv tghgt vq vj g *õ Cff kpi Gzvt c Y kt gö vqr ke *rci g 3 qhvj kuf qewo gpv* 0

Utkr qh51: ö kpuwv kqp ltqo vj g gpf qh gcej r lenwr y ktg cpf cnuq vj g qwr wlcemy ktgu vj gp vy kuvj g gZR qugf y ktg utcpf u uq vj g { ctg vki j vñ dqwpf 0 kpu gtvj g y ktgu qh gcej r lenwr r ckt kvq vj g eqttgev nqecv kqp qp vj g i tggp vgt o kpcnutkr *L3+wukpi vj g r tqeguuf guetkdgf kp vj g cdqxg *õ Vgt o kpcn Utkr ö* vqr ke 0 Cwcej vj g y ktgu wukpi gkj gt qh vj g hqny kpi kputwv kpu 0

Wug vj g y q i tc { y ktg pww *93D+vq eqppgev vj g y ktgu rcdgrf *õ QWRW LCEMö* vq vj g y ktgu qp { qwt kputwo gpv **qwr wlcem** 0 Vj g tgf y ktg i qgu vq vj g j qvrncf *pqto cm { tgf +qp vj g qwr wlcem cpf vj g drcemy ktg i qgu vq vj g i tqwpf rncf qp vj g qwr wlcem 0 qwöuetgy qpö vj g i tc { y ktg pww d { vy kuki vj go kp c emeny kug f ktgev kqp qp vq vj g y ktg r cktu 0

P qvg<K { qwj cxg c i tqwpf y ktg eqo kpi ltqo vj g dtkf i g. eqppgevkvq i tqwpf rncf qp vj g qwr wlcem dghqtg uetgy kpi qp vj g i tc { y ktg pww 0

7 cbbYW]b[nci f d]W_i dg hc ci f H&Gk]HW

[qwt kputwo gpveqpxkpu vj tgg ukpi rg/eqknr lenwr u<

Eqppgev { qwt **P GEM** r lenwr eqkny ktg r ckt vq vj g 1- _o~↔ëG 1/_ eqppgev kpu qp vj g i tggp vgt o kpcnutkr
Eqppgev { qwt **DTKI G** r lenwr eqkny ktg r ckt vq vj g 1- _o~↔ëF 1/_ eqppgev kpu qp vj g i tggp vgt o kpcnutkr 0

H&Gk]HW I gY Gi a a Ufm

J gtg kuc uwo o ct { qhuy kej wug hqt vj kur tqf wev *ugg **Hli wt g 3** hqt uy kej kf gpv **h** ecv kqp +0

Fqewo gpv %G y kmj gr { qwöo cr ö vj g r lenwr vppgu { qwi gvltqo vj g V4/Uy kej 0 **K** ku cxckrdrg hqt f qy pmcf ltqo qwt y gdukgöu Fqewo gpv Nkdtct { cv **j wru** **ly y** 0 **Cy gUqo g/I wsc** **ut** eqo

UY 3 cpf UY 5 ctg QP/QHH/QP uy kej gu vj cvwtp qp kpf kxf wcnr lenwr u kp pqto cnqt tgxgtug r j cug
UY 7 ku cp QP/QP uy kej vj cvej cpi gu vj g r lenwr u ltqo *rctcngnvq ugtkgu* eqppgev kkv {

UY 3 wtpu qp vj g **dtkf i g** r lenwr *Eqkn/3+. gkj gt kp pqto cnr j cug *f qy p+. qt tgxgtug r j cug *wr +0
UY 7 eqvtqu y j gj gt vj g y q r lenwr u ctg kp Rctcngneqppgev kqp *f qy p+qt Ugtkgu eqppgev kqp *wr +
UY 5 wtpu qp vj g **pgemr** lenwr *Eqkn/5+. gkj gt kp pqto cnr j cug *f qy p+. qt tgxgtug r j cug *wr +0

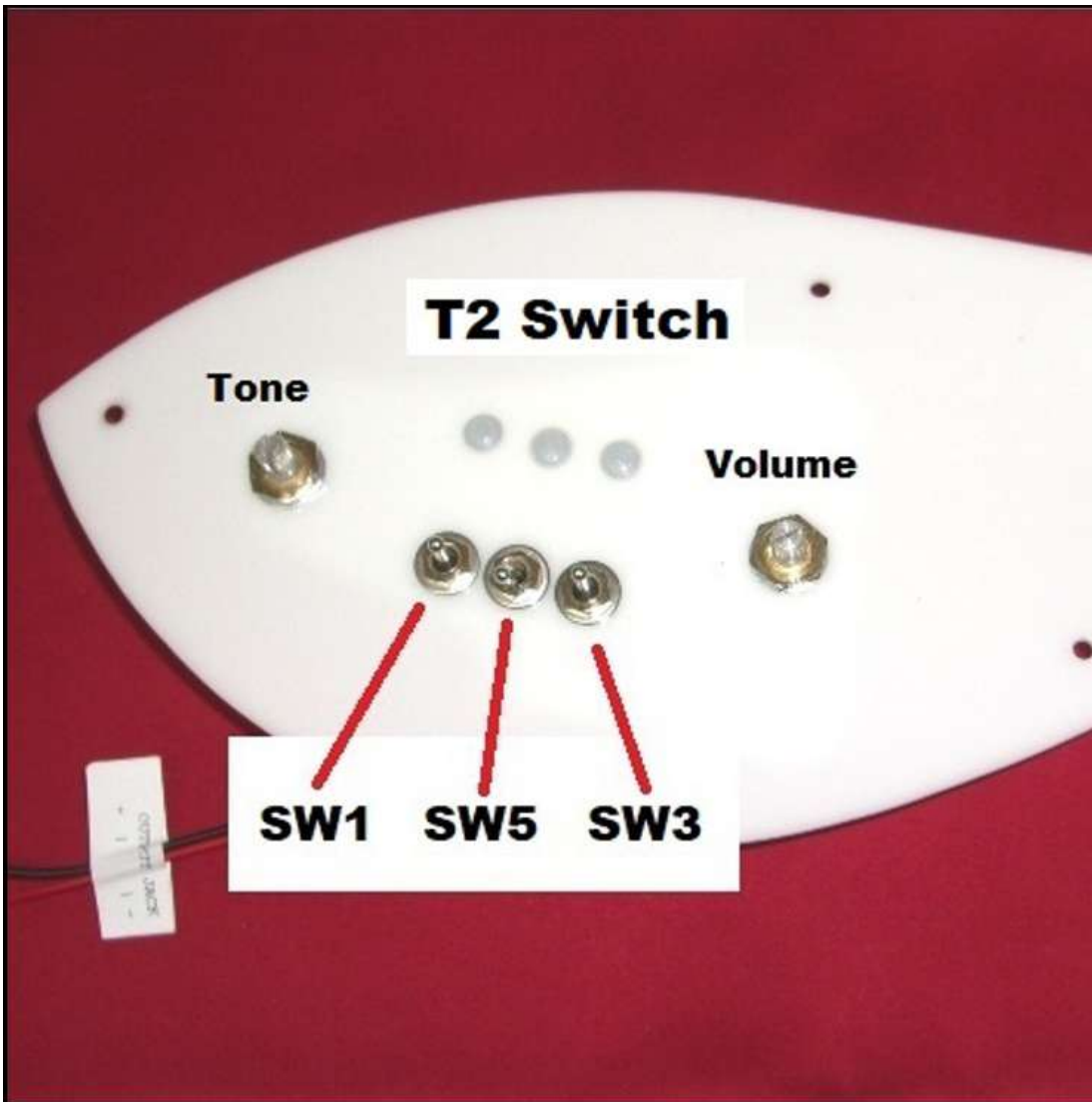
Y j gp UY 7 ku wr. dqj r lenwr u o wvdg qp *gkj gt kp pqto cnr j cug qt tgxgtug/r j cug+vq j gct qwr w0

JU]XU]b[

Eqppgev{qwt kputwo gpvq cp co rnhgf uqwtg y kj vj g xqno g ugvvq my 0Vwtp vj g uy kej gu qp cpf qhcu f guetkdgf kp ðUy kej kf gpwkecvkp cpf Wug Uwo o ct{ö vqr le y j kg i gpwv vcr r kpi vj g o ci pgvqh vj g r lenwr eqkn vj cvuj qwf dg ðppö y kj c uo cmuetgy ftkxt vq eqphko r lenwr tgr qpug0Cnuq eqphko vj g eqttgevqr gtcvkpp qh vj g Xqno g cpf Vqpg eqpvtqno

:][i fY %É H&Gk]HW ⇒Yb]ZVU]cb

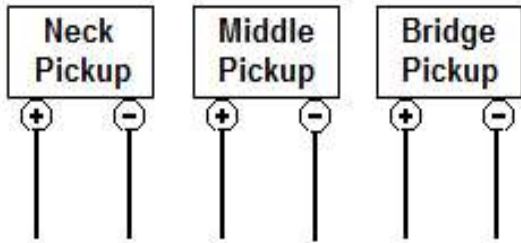
Vj g hqmy kpi ko ci g uj qy uj qy vj g uy kej gu ctg rckf qwhqt vj g wr i tcf g0



:][i fY & È FYZfYbW 8 fUk]b[g

Wug vj g hqmty kpi ko ci g vj f qewo gpv { qwt kputwo gpvu qtki kpcny ktpi ODg uwtg vj kf gpvkh(y kg eqmtu y j gtg
pggf gf 0Wug c r gpekny j gp f qkpi vj kOF tcy cf f kkpncneqptqm cu pggf gf 0

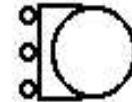
Reference Drawing : Your Original Wiring Circuit



Rear view of applicable controls



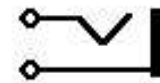
volume control



tone control



tone control



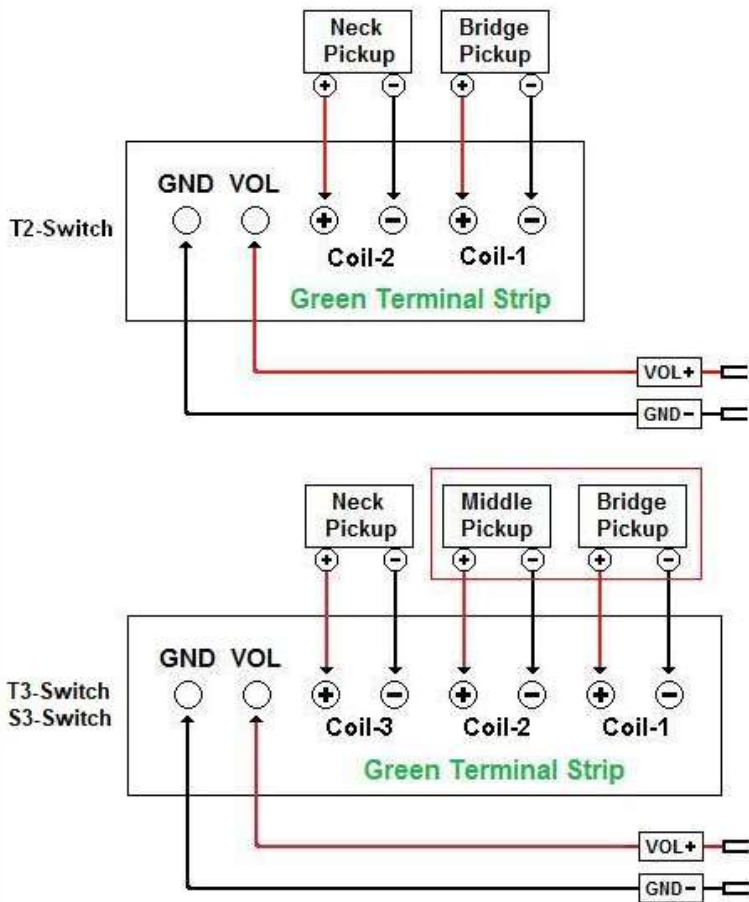
jack

Use this Reference Drawing to show how your original wiring circuit was connected.

Vj g hqmry kpi f tcy kpi kf gpwllgu y j gtg vq eqppgev {qwt r lemwr u cpf qwr wwlcemvq {qwt wr i tcf g0Vj g wr i tcf g kpenmf gu qwt XV/4 Xqnrwo g/Vqpg Eqpvtqncuugo dn(0

Suggested Volume-Tone Wiring for use with

terminal strip connection guide



VT-2 (Volume/Tone Control) RIGHT-HAND WIRING

⏏ areas marked with this symbol MUST be electrically connected

