THE FOUR STROOKS repairs

Moderators Mug-UK, Steve-C, spitz, Rustedbrain, Moderator Team
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Re: THE FOUR STROOKS repairs Guest
by **k-man** » Tue Jun 16, 2015 12:56 am

ok i think i have
got a new 520ff board and enough
chrome to fill our said charge of £12
thats about
£60 x
£8.5 x 5.5 £12.5 x 12 = £8.16

for 30 cc about £18.0 or so thats £1 odd each off or
£2 odd each if we do 15 cc
lots of copies
thats about £2.2 a better use of dosh and i think adding 60 to 40 is a better deal
so we will do that
if order them in a few days time
and get them in before the end
of tax year so extra bonus in about £120 less.

what i will need is yet another nozzle ⚠ a universal square nozzle with blanking plates and clip on air guides

where is it? 1/2 used and nozzle ... no idea
i would pay 200 for a universal one

but why instead if go a few less cheap 15 used solder irons and two pieces of copper from an old switch

and grind it down to nail file size for the irons
and make a few copies of the nozzle so you can drop the power to around 10 watts 15 watts
then remove this type of silver chips to one get
both sides on pcb fill the clip off clean dies meet another body with tweezers
and then solder the chips back on the pcb
this way the chips will still be usable and no damage to delicate tracks those to have
to
next come to pay the new cc before soldering

if look at the schematics tonight and see exactly what needs commercial up for the address lines
and the data lines and the control lines

so this is the look tonight
memories have two of each more as the other three then

Re: THE FOUR STROOKS repairs Guest
by **k-man** » Tue Jun 16, 2015 1:15 am

"You can upgrade RAM main memories of 1 MB to 4 MB of RAM, but by has the available 4 memory chips TC514256FS-100 (1Gb) (2Gb) (4Gb) (8Gb) (16Gb) (32Gb) (64Gb) (128Gb) (256Gb) (512Gb) (1Tb) (2Tb) (4Tb) (8Tb) (16Tb) (32Tb) (64Tb) (128Tb) (256Tb) (512Tb) (1Pb) (2Pb) (4Pb) (8Pb) (16Pb) (32Pb) (64Pb) (128Pb) (256Pb) (512Pb) (1Eb) (2Eb) (4Eb) (8Eb) (16Eb) (32Eb) (64Eb) (128Eb) (256Eb) (512Eb) (1Zb) (2Zb) (4Zb) (8Zb) (16Zb) (32Zb) (64Zb) (128Zb) (256Zb) (512Zb) (1Yb) (2Yb) (4Yb) (8Yb) (16Yb) (32Yb) (64Yb) (128Yb) (256Yb) (512Yb) (1Brontobyte) (2Brontobyte) (4Brontobyte) (8Brontobyte) (16Brontobyte) (32Brontobyte) (64Brontobyte) (128Brontobyte) (256Brontobyte) (512Brontobyte) (1Geopbyte) (2Geopbyte) (4Geopbyte) (8Geopbyte) (16Geopbyte) (32Geopbyte) (64Geopbyte) (128Geopbyte) (256Geopbyte) (512Geopbyte) (1Saganbyte) (2Saganbyte) (4Saganbyte) (8Saganbyte) (16Saganbyte) (32Saganbyte) (64Saganbyte) (128Saganbyte) (256Saganbyte) (512Saganbyte) (1Pagebyte) (2Pagebyte) (4Pagebyte) (8Pagebyte) (16Pagebyte) (32Pagebyte) (64Pagebyte) (128Pagebyte) (256Pagebyte) (512Pagebyte) (1Tyobyte) (2Tyobyte) (4Tyobyte) (8Tyobyte) (16Tyobyte) (32Tyobyte) (64Tyobyte) (128Tyobyte) (256Tyobyte) (512Tyobyte) (1Megabyte) (2Megabyte) (4Megabyte) (8Megabyte) (16Megabyte) (32Megabyte) (64Megabyte) (128Megabyte) (256Megabyte) (512Megabyte) (1Gigabyte) (2Gigabyte) (4Gigabyte) (8Gigabyte) (16Gigabyte) (32Gigabyte) (64Gigabyte) (128Gigabyte) (256Gigabyte) (512Gigabyte) (1Terabyte) (2Terabyte) (4Terabyte) (8Terabyte) (16Terabyte) (32Terabyte) (64Terabyte) (128Terabyte) (256Terabyte) (512Terabyte) (1Petabyte) (2Petabyte) (4Petabyte) (8Petabyte) (16Petabyte) (32Petabyte) (64Petabyte) (128Petabyte) (256Petabyte) (512Petabyte) (1Exabyte) (2Exabyte) (4Exabyte) (8Exabyte) (16Exabyte) (32Exabyte) (64Exabyte) (128Exabyte) (256Exabyte) (512Exabyte) (1Zettabyte) (2Zettabyte) (4Zettabyte) (8Zettabyte) (16Zettabyte) (32Zettabyte) (64Zettabyte) (128Zettabyte) (256Zettabyte) (512Zettabyte) (1Yottabyte) (2Yottabyte) (4Yottabyte) (8Yottabyte) (16Yottabyte) (32Yottabyte) (64Yottabyte) (128Yottabyte) (256Yottabyte) (512Yottabyte

Re: THE FOUR STROKES repairs

Posted: Sun Jul 21, 2019 9:27 am

Hi pete

I thought it was time for an update

I've been working on the pcb for the last few weeks and I've made some good progress

if I can tone the postage off ill try...

not sure what the AFL tape chip is difference to the AV
I have the F1 mosys ssp24 and I would assume the F1 is the profile

not sure I can find a datasheet for the AFL just AF ... so...
I dont think its an issue ...

Re: THE FOUR STROKES repairs

By pete » Sun Jul 21, 2019 9:27 am

The repeated strips really looking nice!

Pete
Admin
Posts: 855
Joined: Mon Jan 29, 2018 8:38 am
Location: Sydney, Australia
Contact:

Guest

Re: THE FOUR STROKES repairs

By Guest » Mon Jul 22, 2019 9:07 am

tested the mouse works fine

fixed the acci port

checking other things like barrier diodes (think they are ok)

i mean looking over this machine its not had much actual use
the capacitors are still good (no bulging, no leaks)
as the deterioration of caps and other bits is thermal stress and use related
so the caps were as leaky as hell
the mosfets were dead because they came back to life
as I said it was mostly the reset circuit fails to give enough time

we moved on to robisons for a couple of days while i source the cam.
looking for the AFL version of the chip soon if I need to use other than ebay dealz

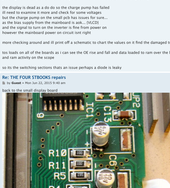
the display is dead as a dodo so the charge pump has failed
ill need to examine it more and check for some voltages
but the charge pump on the small pcb has issues for sure...
as the fuse supply from the mainboard is ok... 12V
and the signal to turn on the inverter is fine from power on
however the mainboard power on circuit not right

mere checking around and ill prime off a schematic to chart the values on it find the damaged transistor ...

too loads on all of the boards as i can see the CM and full and data loaded to ram over the bus
and cam activity on the scope

so in the switching sections thats an issue perhaps a diode is leaky

Re: THE FOUR STROKES repairs

By Guest » Mon Jul 22, 2019 9:40 am

Guest