

Fix for slow Fiat wipers

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sdlsaginaw

Steven Lawson

Location: Saginaw, OR

I was confused by your earlier reference to the current draw with "wipers+headlights+heater fan".

turbofiat124 said: ↑

I'm not running the headlamps off the thing! Just the wiper motor.

Steven Lawson
74 - il mela verde

sdlsaginaw, Jan 6, 2016 [Report](#)

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MikeHynes

True Classic

Location: Goodfield, IL.

Lube the linkage?

James, slow wipers are a fairly common problem on Spiders. I had the same problem on mine. I was able to get very good performance by simply disassembling the linkage and lubing it up. No mods necessary. Have you tried that?

Mike Hynes
Two 124 Spiders
Lots of X1/9s

MikeHynes, Jan 7, 2016 [Report](#)

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turbofiat124

MikeHynes said: ↑

James, slow wipers are a fairly common problem on Spiders. I had the same problem on mine. I was able to get very good performance by simply disassembling the linkage and lubing it up. No mods necessary. Have you tried that?

Yes several times and even with the Bosch motor.

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True Classic

Location:

Kingsport, TN, USA



turbofiat124

True Classic

Location:

Kingsport, TN, USA

Pete Whitstone said: ↑

But the difference between 12.6 and 13.3 volts (0.7 volts or about 5%) is not going to cause the amp reading to drop by 60%.

Pete

Keep in mind I was using a 60 amp "in dash" ammeter gauge I rigged up and not one from a multi-meter so the actual measurements should be taken with a grain of salt. My current meter only reads in milliamps.

My previous meter could read up to 10 amps but when I was checking an 8 amp circuit on my Yugo, the meter started to smoke! So if that circuit is pulling more than 8 amps then why is the fuse not blowing?

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turbofiat124

True Classic

Location:

Kingsport, TN, USA

Pete Whitstone said: ↑

I hope mine didn't come off that way. Just discussing the pros and cons so other people can take them into account if/when they decide on a modification path.

Pete

Nobody has to use my method over the relays. Whatever does the job.

I just wanted to share my project in case anybody tried to relay trick and was still not satisfied with the end result.

As of now I think it was a worthwhile project. Now I just have to wait for a rainy day to test them out. I'll try to rig up my cellphone and shoot a video.

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geekdaddy

X1/9 Learner's
Permit...

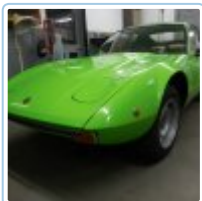
So after reading all the posts I think this is a cool solution and one way to speed up the wipers. But I don't think it's the best way. The overall power consumption is higher (and I think the cost is higher as well for the converter, breaker, etc). ...and not entirely certain but I think you may still be loading the ignition circuit more with this approach. I agree with the original poster that this might be slightly less complex to implement vs relays (since you don't have to figure out the wiring and fabricate the relay harnesses). Having said all that, it definitely seems to WORK better than the stock setup which is great! :dance2:

Location: NH

1981 Rosso Metallic X1/9. MWB Perf Head, K&N intake, Allison's header, and custom heat shielding. Brown wire mod, starter relay, aux fuse panel with feeds for: H/L relays, Wiper relay, and Audio relay. Progressive springs, polished 6 inch sportstars, & front sway bar. White gauges, and LED upgrades.

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Fiatpwr

True Classic

Location: Vermont

My fix.

<https://vt-stromer.smugmug.com/Other/78-Fiat-131S/i-mkPzjppj/A>

<https://vt-stromer.smugmug.com/Other/78-Fiat-131S/i-pLdCJ8b/A>

Or you can just click the wiper link in my sig line.

And all done with Yugo parts.

[1978 Fiat 131S Freak Out 2013 Wiper Relay](#)

OTAS 0015

Royalton Vermont

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