
Yanmar 3GM30F warning lights and horn

Autor:

Data de publicació: 25-07-2024

Yanmar 3GM30F warning lights and horn

See just the oil light lit when I turn the ignition key. Normal? Thanks

Attached Thumbnails

15-08-2012, 19:18

#2

Ex-Calif

Moderator Emeritus

Join Date: May 2007

Location: Ohio

Boat: Now boatless :-(

Posts: 11,580

Images: 4

Re: Yanmar 3GM30F warning lights at startup?

I don't think so. There should be a light "test" position or button.

Also you should definitely be seeing an "alternator fail" light as the alternator is not charging while engine stopped. Brain escapes what high temp light should be doing.

You should also be hearing an audible alarm. This not happening is often related to the peizoelectric(sp?) horn failing - the round bigger "grill" next to the tach. It is fussy but you can replace this.

I have removed the panel on my Volvo and carefully removed all the connections and cleaned them. My lights all work now but the horn is still doa...

It's bizarre how much "electronics" is packed in that control panel. Who figured...

Relax Lah! is SOLD! <--- Click

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You're gonna need a bigger boat... - Martin Brody

15-08-2012, 22:48

#3

Deepdraft

Join Date: Mar 2011

Location: San Francisco Bay Area

Boat: Rafiki 35

Posts: 141

Thanks for the info, I'll see what lights up w/ the test button. The alarm works, goes off as soon as the engine starts. What triggers it - Oil pressure? Over heating?

Regards.

15-08-2012, 23:29

#4

roverhi

Moderator Emeritus

Join Date: Aug 2005

Location: Carlsbad, CA

Boat: 1976 Sabre 28-2

Posts: 7,505

Re: Yanmar 3GM30F warning lights at startup?

The warning horn is for low oil pressure. Until the engine starts or turns over enough to generate oil pressure, the alarm sounds. I don't know what happens with an overheat. The PO disconnected the temperature warning and added a gauge with it's own transducer. Unfortunately, the horn didn't sound and the gauge failed when critters blocked the water inlet. Had a mechanic change the transducer back to the stock warning light. Assume it will sound the horn if the engine ever overheats. Haven't seen any light for the temperature because the engine hasn't overheated, that I'm aware of, since switching back to the stock system. Engine made me very aware it was overheating when the inlet was blocked filling the cabine with steam.

Peter O.

'Ae'a, Pearson 35

'Ms American Pie', Sabre 28 Mark II

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16-08-2012, 01:49
#5

cal40john

Registered User

Join Date: Dec 2006

Location: Seattle

Boat: Cal 40 (sold). Still have a Hobie 20

Posts: 2,953

Images: 7

Re: Yanmar 3GM30F warning lights at startup?

The schematic shows the buzzer is connected to the high water temp, low oil pressure, (and rubber seal on the sail drive if you have one).

There is a toggle switch that in one position lights up the tach, in the other position tests the high water temp light. (This position is momentary if I recall.)

Oil and charge lights should be on with key on and engine stopped.

Don't remember if this alternator is self exciting or not. If it is excited by the battery, it gets that current through the warning light. If the warning light is burned out I assume the alternator won't excite and won't produce current.

16-08-2012, 09:19
#6

Deepdraft

Registered User

Join Date: Mar 2011

Location: San Francisco Bay Area

Boat: Rafiki 35

Posts: 141

Thanks for the info - I bought the boat just 6 weeks ago - first boat... Working my way through essential repairs, rigging, engine, sanitation, electrical, etc.