

YDT-35 troubleshooting guide

The display will not power up?	Possible mains supply fuse blown. Check the mains inlet fuse, replace if needed using the spare which is already supplied inside the holder.
The bench makes an irregular clunking sound when running?	Inspect the pressure regulator If the fuel pressure is above 1000 BAR then lower it until it is below 1000 BAR.
The injector does not fire correctly?	Test against known good injector. Check injector cable is connected correctly and is secure
The Injector does not fire at all?	Wrong type of injector may have been selected, correct this if needed.
Solenoid injectors do not fire?	Check connections. Test against known good solenoid injector.
Piezo injectors do not fire?	Check connections and test against a known good piezo injector.
OC Is displayed on the screen?	Possibly Injector has become open circuit or faulty. Check against a known good injector. Make sure the connection to the injector is ok.
SC is displayed on the screen?	Possibly the Injector has gone short circuit or faulty. Try a known good injector.
Err0r(s) Found displayed on the screen?	The Guard door may have been opened during testing. Check the guard door is closed fully.
I have a test oil Leak?	Find source of leak and repair if possible.
Can I use diesel fuel?	You cannot use diesel as this will damage the internal seals and cause the bench to fail. ISO 4113 is the only recommended test oil that can be used.
How long can I test for?	We recommend that you stay within the limits of the test plan.
The buttons do not respond?	Try and restart the test bench. If fault is still present, remove back panel and check the electrical connections with the power disconnected.

The backlight on the display panel does not light up?

Disconnect power and remove back panel to check the electrical connections.

I have no fuel pressure?

Try a known good injector and investigate for leaks.

Where can I find the manual?

The manual will be on the USB stick with the YDT35 and also available at <https://support.hartridge.com/ydt35>

Where do I find the serial number?

The serial number is on a plate which is fixed to the back panel of the machine

The screen says filter hours are 0?

Consult the manual on how to change the filter which is fitted on the back of the machine.

My injector passes but still doesn't work on the vehicle?

The injector will require further testing at a diesel specialist due to the fault on the injector exceeding the testing capabilities of the YDT 35

If after reading the above you still require assistance, please complete a Technical request form at https://support.hartridge.com/ydt35_tech