



THE GOODWINCH TDS

GOLDFISH Winch Series

A Fast Future

by David Bowyer

March 2009

Hello Everyone, I simply cannot believe that we are in March already. Where does the time go.

This year so far, and indeed over the Christmas / New Year period, I've been very busy doing what I enjoy doing most, which is making superb products even better!



In last months editorial / advert I told you about our bringing into life our large drummed TDS-Goldfish for those of you who require a longer Dyneema® Bowrope. Well, this is now up and running and I am pleased to tell you that during the month of March, we should be holding converted drums ready to fit onto new TDS-Goldfish winches going out.

At the moment, this is not an 'add on mail order kit' as we do not have spare drums to do the conversion with and in any case, I would rather convert only new winches in stock as we will commission them at the same time. [Please see the website for details.](#)

We have also developed a rather unusual 'Turbo Power' module for winches fitted with our Bowmotors. Now, that's got you thinking, hasn't it!

This is how it works: You will need another good 12 volt battery somewhere on the vehicle of a similar size to the original one. With the addition of one of our 'TURBO POWER' sealed control packs, run off the vehicles' original 12 volt battery system, you provide a 12 volt supply utilising both batteries running in parallel to give a substantial power supply to the Bowmotor on the winch.

The real benefit of fitting our 'TURBO POWER' sealed control box is that at a flick of a switch, the second battery that you have fitted, switches to running in series with the vehicle battery to give you 24 volts to the Bowmotor.

This increases the winch speed enormously, by about 50 - 70% faster. On a TDS-9.5 Goldfish, this raises the no load speed from about 55 feet per minute to around 85 feet per minute. This facility is not really for heavy winching, but is great for light to medium winching to pull you across the mud where you don't have quite enough grip when winching and driving. It is also ideal for the rapid retrieval of all the rope back onto the empty drum. I say this because the voltage drops off from 24 volts quite quickly because your 12 volt alternator can only top up the two batteries whilst they are running in parallel.

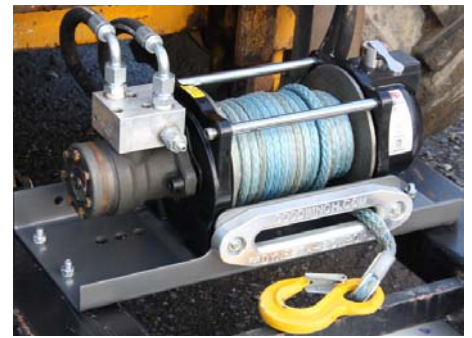
In practice, the 24 volts drops off to about 18 volts which our Bowmotors seem quite happy to put up with for short periods. I'm bound to say, however, don't expect me to guarantee a Bowmotor as this is not the normal done thing! But seeing is believing, I can assure you. Again, please look at the website, www.goodwinch.com.

By doing these things with our standard TDS-Goldfish winches, it more than illustrates what fine products they are. As I have said many times before, they are simply brilliant, great value for money with lots of wonderful features.

Also, during the last few weeks, I have been working and testing the new hydraulic winch that I was telling you about last month. This is our fabulous variable twin speed large drummed hydraulic winch.

To provide hydraulic power on a very heavy vehicle, I've done the workouts by fitting it to our JCB 4x4 forklift as you can see here in the pictures. Not only is it enormously powerful, using the JCB hydraulics, but it's fast too, especially when you raise the engine revs from idle!

In the normal low gear for nearly all winching scenarios, the speed is 16 feet per minute, and at full engine revs it is 150 feet per minute. At the twist of a single lever (which also controls the freespool when raised up) you engage the high speed giving 66 feet per minute and at full engine revs it is an amazing 600 feet per minute. Well, that won't mean much to you, other than it only takes about 13 seconds to put 150' of rope onto the drum!



Whereas the normal winch ratio gives between 10 and 12,000 lbs pulling capacity, the direct high speed gives 1,500 - 2,000 lbs for either very fast retrieval of the rope back onto an empty drum, or pulling a light load across either mud or through ruts where the vehicle has not got quite enough grip with its road wheels.

I am at present working alongside hydraulic engineers who are providing me with suitable pumps and drive systems to power this winch in the best way possible on your typically Land Rover based vehicle. As all this unfolds, you will find it on our website .

So, back to the title, we have 'A Fast Future' ahead with not only our quite fast standard TDS-9.5 Goldfish winches, but also with our large drum TDS having an even higher speed with the extra layers of Dyneema® Bowrope, TURBO POWER control system and finally our new hydraulic winch which we should have ready for sale around June this year.

Another product that we now have is our 'Winch in a Box' portable winch system, up to 4,000 lbs capacity and Mega Winch Accessory Kits now available using these rather nice wooden boxes. You guessed it, its all on our website.



Finally, our next Show is the Newbury 4x4 & Vintage Spares Day at the Newbury Showground on Sunday 5th April. Hope to see you there with our usual special offers.



TDS 9.5c £389 + VAT

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