

## Are extra components required to install a Tow-Pro Elite into a 24V vehicle electric/hydraulic brakes?

### Question

When installing a [Tow-Pro Elite](#) to an Electric/Hydraulic braked boat trailer in order to be able to tow it with both a 12V vehicle and a 24V vehicle, are any other components required to set this up to run in both vehicles?

### Answer

Electric/Hydraulic brake systems require signal from the brake controller as well as a separate power supply from the start battery to the hydraulic pump (usually via an Anderson plug).

A 12V vehicle fitted with a Tow-Pro™ Elite would not require extra components to operate an Electric/Hydraulic trailer.

A 24V vehicle fitted with a Tow-Pro™ Elite towing a trailer with Electric/Magnet type brakes will not need extra components however an Electric/Hydraulic braking system would require extra components.

Some Electric/Hydraulic braking systems can be sensitive depending on what electronics are within the hydraulic pump system. This means they may require a 12V input on the Red and Black wire of the Tow-Pro™ Elite, to prevent damage to these electronics. The 12V input on the Red and Black wires can be supplied using a REDARC [EB24A](#).

### The REDARC EB24A:

- Converts a 24-volt brake signal to a 12V signal for the Tow-Pro™ Elite (Red wire)
- Allows the Tow-Pro™ Elite override button to switch on 24-volt brake lights
- Provides charge equalisation of the supply batteries so 12V can be supplied from the 24V battery bank