

Dunbier

Marine Products Pty.Ltd

A.B.N 20 005 081 336 Since 1969

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Hydrastar Customer Requirements

Congratulations on purchasing Australia's premium boat trailer, *Dunbier*.

Your new Dunbier Hydrastar equipped trailer requires you, as the owner, to equip your vehicle ready for your Dunbier Hydrastar trailer.

The Hydrastar braking unit, uses an in-car brake controller (not supplied) to activate a 1200psi pump unit to pump fluid to your brakes. The unit is equipped with a "breakaway" unit which applies the brakes in the event of the trailer being uncoupled from the car. This is run from an on-board battery which is charged by the tow vehicle whilst being towed.

A check list of what is required to safely tow your new Dunbier Hydrastar trailer is:

- Your tow vehicle must be able to tow legally the ATM of the rig being purchased. This must include the weights of boat, motor, trailer, fuel, gear ect. .
- On some larger vessels, vehicle suspension may need to be upgraded, due to the safe working load on the tow ball of 7-10% of ATM. This may place a large down force on the vehicle. Any less than 7% of ATM on the tow ball, is considered unsafe.
- Tow bar must be rated to the towball down force and ATM.
- Any 4000kg and above rated trailers, must have a tow bar tongue able to be machined to suit the 1 ¼" tow ball shaft of the 70mm tow ball.
- A good quality, compatible brake controller (see separate list on Hydrastar tab) to be fitted by auto electrician following the wiring code (see Hydrastar tab), including separate power wire into pin 2 of the light plug. Wiring to be wired to H/Duty 7 pin flat car base unit capable of 20 amps.

If you have not towed an electric/hydraulic brake system prior to this purchase, please ensure your dealer shows you how to use and operate your brake controller. Enjoy your new Dunbier Hydrastar trailer.