

# BRAKING SYSTEMS TO HELP YOU STOP SAFELY.

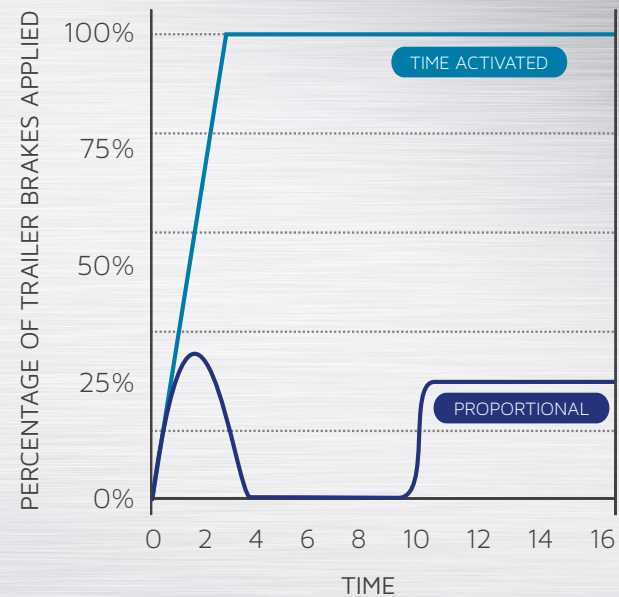
Australian road rules state that all caravans or trailers with a gross trailer mass exceeding 750kg must have brakes. The most common heavy trailers operate either an electromagnetic or hydraulic trailer brake system that both require a brake controller to moderate braking on the caravan or trailer.

There are two main types of Brake Control systems – Time-activated and Proportional.

Time-activated systems apply maximum trailer braking over a pre-set time - usually one to three seconds. Proportional systems determine the tow vehicle's rate of deceleration and apply the caravan or trailer brakes to match.

Hayman Reese provides both time activated and proportional brake control units to suit a number of different towing requirements.

## TIME ACTIVATED VS. PROPORTIONAL BRAKE CONTROL



[haymanreese.com.au](http://haymanreese.com.au) | 1800 812 017

Available from:



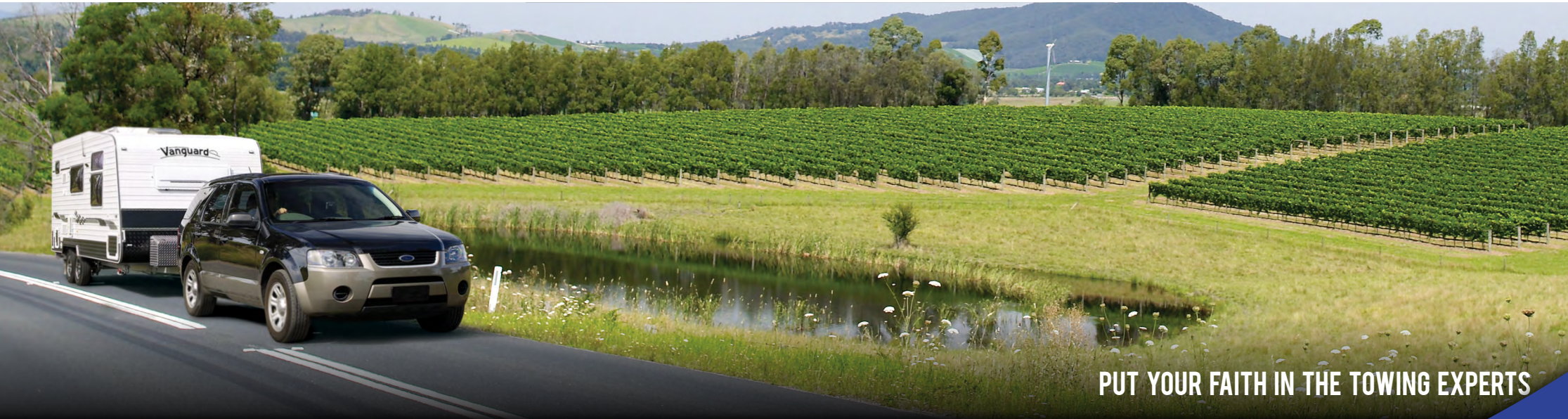
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# BRAKE CONTROLLERS & HARNESSSES

THE RELIABLE CHOICE



PUT YOUR FAITH IN THE TOWING EXPERTS

Connecting a brake controller is as easy as 1, 2, 3.



## SMARTCLICK™ COMPATIBLE BRAKE CONTROLLERS



**05550 COMPACT**  
Time Activated Brake Controller.

The Compact Brake Controller has been designed specifically for vehicles where dash space is an issue. It features a Sync control dial which provides more control and added safety when applied as well as an output power control which doubles as a manual over-ride switch. The Sync control is easily adjustable to suit driver preference or changing road conditions. It also features an output power control which doubles as a manual over-ride switch, and an LED indicator that allows the user to monitor various functions of the brake control. The Plug & Play feature allows for quick and easy connection with the Hayman Reese SmartClick™ brake control harness.



**05650 GUARDIAN®**  
Time Activated Brake Controller.

The Hayman Reese Guardian® Brake Controller is a great choice for light to medium duty towing needs. The time-activated controls have solid state electronics, allowing the controller to be mounted in any position - horizontal, vertical, with no levelling required. When the vehicle brakes are applied, a predetermined amount of braking power is sent to the caravan or trailer. The Sync control is easily adjustable for changing road conditions and the thumb control manual override is easy to reach. Additional benefits of the Guardian include the quick and easy installation, with Hayman Reese SmartClick™ technology. Robust in technology and design, the Guardian Brake Controller controls braking with ease.



### 1 SELECT A SMARTCLICK™ COMPATIBLE BRAKE CONTROLLER

#### Braking Type

#### Appearance and Location



- Manually programmed settings that apply a predetermined trailer brake force over a set period of time.
- Robust technology ideal for lighter towing loads and off-road conditions.



- Brake controller is concealed in the dash with only the controls visible.
- Ideal for vehicles with limited cabin or dash space.



- Self calibrating settings that apply trailer brakes to match the vehicle's rate of deceleration.
- Advanced technology ideal for heavier loads and various road surfaces.



- Brake controller is mounted under or on top of the dash.
- Ideal for easy access and high visibility.



**06000 COMPACT IQ®**  
Proportional Brake Controller.

The Compact IQ™ is one of Hayman Reese's most sophisticated brake control units. This proportional brake control unit has been developed to make it both easier & less intrusive to install and provide the driver with greater control in braking situations.



**05900 GUARDIAN® IQ**  
Proportional Brake Controller.

The Guardian® IQ brake control is a proportional electric caravan or trailer brake controller. It includes a "Boost" feature that gives users the ability to apply more braking power. It utilises a 70 degree fitting range and through the use of a sensing device can determine the tow vehicle's rate of deceleration and apply the correct amount of caravan or trailer braking to match. It works proportionally in reverse for backing into tough spots and has a variable output depending on each braking requirement. Other features include an LED display, self-fault diagnosing and brake control for up to 3 axles.



### 2 SELECT A BRAKE CONTROLLER HARNESS



**05012**  
Powers the Brake Controller  
SmartClick™ Compatible



**05013**  
Powers the Brake Controller  
30 Amp Power Supply  
SmartClick™ Compatible

### 3 Need additional power to the trailer? SELECT A POWER HARNESS



**05014**  
30 Amp Power Supply  
SmartClick™ Compatible



**05015**  
50 Amp Power Supply