

TrailPARTS™
Innovative Trailer Solutions

We do the business.



**Product
Catalogue 2021**

ARE YOU SETTling FOR MEDIOCRE SERVICE?

Customer service the could be described as mediocre, average or below par can be found everywhere. Think about it in context to your business, how do your current suppliers measure up?

TAKE THIS SIMPLE TEST

Ordering Cut Off Times

Have you ever called to place an order and been told, "Sorry, our order cut-off time is 3pm?"

Our team of sales team are ready for your calls
Mon-Fri: 8:00am - 5:00pm



Overnight Express Delivery

Do you ever call to place an order and hear, "Sorry, but you've missed our overnight delivery service now?"

Any courier orders placed before 4:30pm will be shipped that day.



Communication

Do you ever get automated phone messages when you call? Or your calls take for ever to be answered?

NO automated answer services. Our average call wait time is **5 seconds!**



Industry Knowledge

Do the people you get on the phone always have the knowledge and information you need?

With **25 years industry experience**, our designated support teams have extensive product knowledge.



Product Range

Do you have to call more than one supplier to get what you need?

We have all your high quality trailer requirements.
If we dont stock it, you don't need it.



Added Value

Does the product supplied add value to yours and give you a competitive edge or make you more profit?

Here at TrailParts,
"We do the business, so you can get on with yours"



COUPLINGS & SPARE PARTS

COUPLINGS & SPARE PARTS



COUPLINGS & SPARE PARTS

AUTOFIT® COUPLINGS



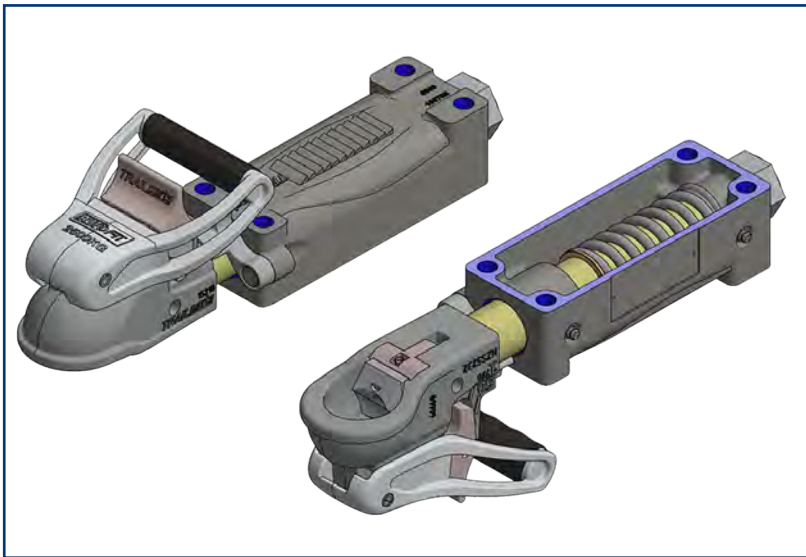
Autofit couplings by Trailparts™ have been designed to provide end users with easiest and safest customer experience possible. To achieve this, Trailparts™ Autofit couplings are:

- Corrosive resistant Dacromet coated for long life.
- Fitted with stainless steel moving parts to prevent wear and rusting.
- 2500kg or 3500kg load rated.
- Safe, simple and easy to use.

autofit

Autofit TM coupling by Trailparts™ also boast a number of entirely unique features, including:

- The lowest profile cast coupling available in NZ both when in use and when released.
- The ability to adjust to fit both towball sizes available in NZ when sat on towball.
- An automatic locking function to secure the coupling into the correct towball setting required.



Plastic Mould Handle



Trailparts plastic handle moulds add comfort and grip when using the coupling.

Self adjusting - Convenient



Self adjusts to fit both 50mm & 1 7/8" towball sizes available in NZ - no operator input required.

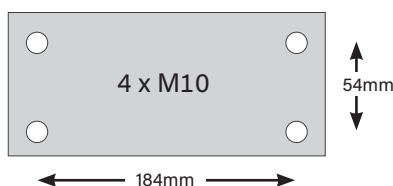
Self locking - Safe



Will always positively lock into the correct towball setting required - automatically.

HOLE PATTERNS

7



COUPLINGS & SPARE PARTS



2000kg LEVER COUPLING - 1 7/8"

Developed in house using CAD, the Trailparts lever coupling puts a modern look and functional improvements on a concept that has largely remained unchanged for 30 years. It's not just a better looking coupling though – one of the key design criteria was to improve the safety of the couplings in the event that the user forgot to engage the locking pin. The result of this is an increase in the upwards force required to force the coupling off the towball to over 700kg – this is up from as low as 80kg on existing models available.

This is done through changes to the ball socket and geometry of the lever. Because these changes are the key to towball retention, it now means the lever spring doesn't have to be so heavy, and gives an easy to use feel, and is less likely to spring shut and jam fingers. The coupling is often the only touch-point the user experiences when using trailers, and Trailparts lever couplings not only improve the overall look, but also enhance the safety of the trailer.

C2700



Trailparts™ 1 7/8" lever couplings feature;

- Zinc electroplated body.
- High strength cast steel body.
- 2000kg load rating.

PRO TIP

Consider upgrading to a secure locking pin P4488BL, see page 09

Code	Hole Pattern
C2700	1



2000kg LEVER COUPLING - 50mm

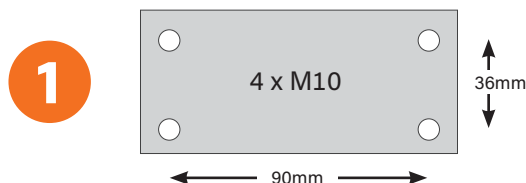
C2705



50mm lever couplings are made from different tooling to the C2700 couplings above, and don't have the same safety features. They are manufactured using SG cast iron, and are non-weldable. 2000kg rated and zinc plated.

Code	Hole Pattern
C2705	1

HOLE PATTERNS



COUPLINGS & SPARE PARTS

STEEL LEVER COUPLINGS

This mild steel fabricated coupling range is a weldable alternative to other couplings. Bodies are available in bare steel for weld-on applications, meaning that they can be galvanized with the trailer frame and assembled later, and these are supplied unassembled to facilitate this. Bolt on versions with predrilled mounting holes are supplied in a zinc plated finish.

2000kg AGRICULTURAL TYPE

C2721



NZ's most popular off road coupling, and commonly used for small trailed implements, such as calf feeders and quad bike trailers. The open top ball area reduces the likelihood of it becoming mud-filled, and assists in easy cleaning.

Code	Ball Size	Finish	Hole Pattern
C2720	1 7/8"	Bare steel	0
C2721	1 7/8"	Zinc plated	4

2000kg ROAD TYPE

C2724



Road going versions of the Ag couplings, above. They feature a closed top ball area as required for road trailers.

Code	Ball Size	Finish	Hole Pattern
C2723	1 7/8"	Bare steel	0
C2724	1 7/8"	Zinc plated	4
C2723A	50mm	Bare steel	0
C2724A	50mm	Zinc plated	4

2000kg 2 IN 1 TYPE

C2727



A coupling that quickly and easily is able to be changed to suit 1.7/8" and 50mm towballs. The lever handle simply is turned end for end, and a safe and secure connection is ensured.

Code	Ball Size	Finish	Hole Pattern
C2726	1 7/8" & 50mm	Bare steel	0
C2727	1 7/8" & 50mm	Zinc plated	4

HOLE PATTERNS

0

BLANK

4

4 x M10

50mm

85mm



HEAVY DUTY COUPLINGS

These couplings are rated to 3500kg, and are referred to as electric couplings because they don't directly operate trailer brakes on their own. They are often used with trailer brakes however; both with actuator driven hydraulic brakes, and with controller driven electric brakes.

3500kg FIXED TYPE + HANDBRAKE

C2790



These couplings are an extremely strong and robust design, and are designed for use with A-frame drawbars. The handbrake lever incorporated into them can be used for cable parking brakes, a stipulation for trailers over 2500kg.

Code	Ball Size	Hole Pattern
C2790	1 7/8" incl Handbrake	7
C2795	50mm incl Handbrake	7

3500kg AUTOFIT® ELECTRIC

autofit

C15E



Autofit® braked couplings continue the benefits associated with this range, as shown on page 3. The overall height of the coupling is lowered significantly, with a plastic moulded handle reducing the possibility of expensive tailgate repairs and trailer damage. 3500kg rated.

Code	Ball Size	Hole Pattern
C15E	1 7/8" & 50mm	7

COUPLING MOUNT PLATES



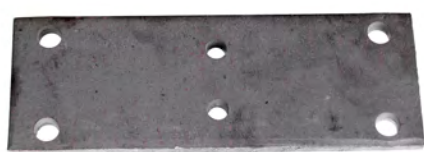
Z6830



Come pre-drilled with the correct hole spacings for either braked or non-braked couplings and have been designed to be welded direct to the A-frame prior to galvanizing.

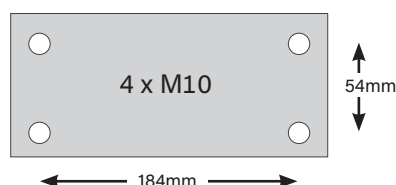
Code	Description	Hole Pattern
Z6830	Suits Non braked, 140 x 70 x 8mm	4
Z6835	Suits Braked, 225 x 80 x 10mm	7

Z6835



HOLE PATTERNS

7



COUPLINGS & SPARE PARTS



TRAILPARTS™ MASTER CYLINDER



The Trailparts™ master cylinder was designed with 3 key criteria - To lower the height; to enable incorporating a revised Autoback reversing solenoid at lower cost; and to use commonly available parts. The low height theme continues with the design of the output to the brakes, being designed to be used with low profile and strong banjo hoses and fittings to reduce the risk of brakeline damage. These master cylinders are now supplied as standard on all Trailparts™ and Autofit™ braked couplings.

[See page 16 for more](#)

AUTOBACK REVERSING LOCKOUT FOR OVER-RIDE BRAKES



The Autoback reversing system makes it easy, quick, and safe when reversing loaded trailers that are fitted with hydraulic over ride brakes. This latest development makes Autoback an affordable option on all trailers, and also easily retro-fittable to existing braked trailers. Trailparts™ were the first to offer a reversing lock out brake system in New Zealand. Now compact and inexpensive, Autoback should be on the spec sheet of every new braked trailer! **See tables for codes of couplings including Autoback systems in the pages following.**

[See page 16 for more](#)

HANDBRAKE LEVER + FOLDING HANDLE



This lever follows demands from customers for a handbrake lever with a fold down handle. This is achieved with a simple slotted handle mount which engages on a keyway, making it intuitive and easy to use. These are manufactured from high-strength 1045 steel, and are a significant step forward from other offerings available.

[See page 15 for more](#)

NEW INNOVATION

FLIPPER SPRING



We've come up with this ingenious hack to ensure you never get burnt out brakes again. If the park brake is left engaged, the flipper spring will ensure it is released at the first brake actuation – usually as the trailer leaves the yard just a few metres away.

Suits Trailparts Backframes with folding handles.

[See page 15 for more](#)



AUTOFIT® HYDRAULIC OVER-RIDE COUPLINGS
PREMIUM BACKFRAME

Autofit® braked couplings continue the benefits associated with this range, as shown on page 6. With the **Premium Backframe** option shown below, overall height is lowered significantly, a plastic moulded handle reducing the possibility of expensive tailgate repairs and trailer damage. 2500kg rated.

C15HF

autofit

autoback

Compatible



PRO TIP

Specify the **Autoback** reversing solenoid for safe and easy reversing every time. See details on page 7.

Plastic Mould Handle



Trailparts plastic handle moulds add comfort and grip when using the coupling.

Self adjusting - Convenient



Self adjusts to fit both towball sizes available in NZ - no operator input required.

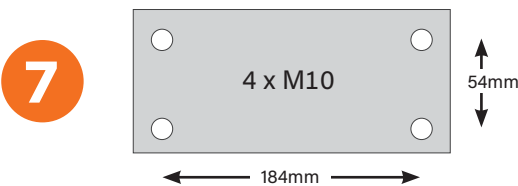
Self locking - Safe



Will always positively lock itself into the correct towball setting required - automatically.

Code	Description	Hole Pattern
C15HF	Autofit, Auto catch, Premium Backframe, ¾" m. cyl.	7
C15FHA	Autofit, Auto catch, Premium Backframe, ¾" m. cyl. + Autoback	7
C15HFA1	Autofit, Auto catch, Premium Backframe, 1" m. cyl. + Autoback	7

HOLE PATTERNS



COUPLINGS & SPARE PARTS

SINGLE SIZE HYDRAULIC OVER-RIDE COUPLINGS PREMIUM BACKFRAME

C2750F



Trailparts™ single sized over ride couplings are a tried and proven design, and feature a 1040 steel shaft and zinc plated finish. With the Premium Backframe shown at left, the folding handle and Trailparts Master cylinder overall height is lowered significantly, reducing the possibility of expensive tailgate repairs and trailer damage. **2500kg rated.**

autoback

Compatible



Code	Description	Hole Pattern
C2750F	1 7/8" Over-ride Coupling, Premium Backframe, 3/4" m. cyl.	7
C2750FA	1 7/8" Over-ride Coupling, Premium Backframe, 3/4" m. cyl. + Autoback	7
C2752F	1 7/8" Over-ride Coupling, Premium Backframe, 1" m. cyl.	7
C2760F	50mm Over-ride Coupling, Premium Backframe, 3/4" m. cyl.	7
C2760FA	50mm Over-ride Coupling, Premium Backframe, 3/4" m. cyl. + Autoback	7
C2762F	50mm Over-ride Coupling, Premium Backframe, 1" m. cyl.	7

SINGLE SIZE MECHANICAL OVER-RIDE COUPLING

C2753



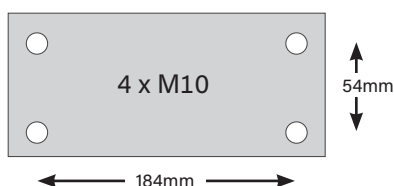
These couplings suit mechanically operated disc brakes. Zinc plated finish and 2500kg rated.



Code	Description	Hole Pattern
C2753	1 7/8" Over-ride Coupling, incl base plate	7
C2763	50mm Over-ride Coupling, incl base plate	7

HOLE PATTERNS

7



COUPLINGS & SPARE PARTS

CAST LEVER COUPLING SPARES

C2839BL



P4488BL



Code	Description
C2839BL	Lever Coupling Pin
P4488BL	Chrome, Coupling lock with set of keys

STEEL LEVER COUPLING SPARES

C2840



C2843



C2842



C2842B



Code	Description
C2840	Retaining Pin & Spring
C2843	Adjuster Bolt / Nut
C2842	1 7/8" Single size Lever incl. Pin
C2842A	50mm Single size Lever incl. Pin
C2842B	Dual Size Lever incl. Pin



COUPLINGS & SPARE PARTS



BRAKED SINGLE SIZE COUPLING SPARES

C2755



C2835T



C2837T



Code	Description
C2755	1 7/8" Coupling complete body
C2765	50mm Coupling complete body
C2833	Adjuster Bolt / Nut
C2835T	Trigger Catch, incl Pin & Spring
C2837T	Reversing Flap & Pin

PRO TIP

Parts all made to suit Trailparts™ locally designed couplings.

MECHANICAL BRAKE LEVERS

C2827



C2827A



C2820



Code	Finish
C2820	Zinc Plated

Code	Finish	Description
C2827	Zinc Plated	Front Mount
C2827A	Cast, Zinc Plated	Trailparts
C2827S	Zinc Plated	Side Mount

COUPLINGS & SPARE PARTS

PREMIUM BACKFRAME

C28F34



The combination of these Trailparts™ Premium developed products deliver what every braked trailer user has been asking for: lower height. The lever is cast from high strength steel, and is simple and intuitive to use. The master cylinder was designed with 3 key criteria: To lower the height; to create the vehicle for incorporating a revised Autoback reversing solenoid at lower cost; and to use commonly available parts – with all 3 having been achieved. In particular, the reversing solenoid for over cride braked trailers, has become an affordable and desirable addition to every trailer braked this way.

autoback

Compatible

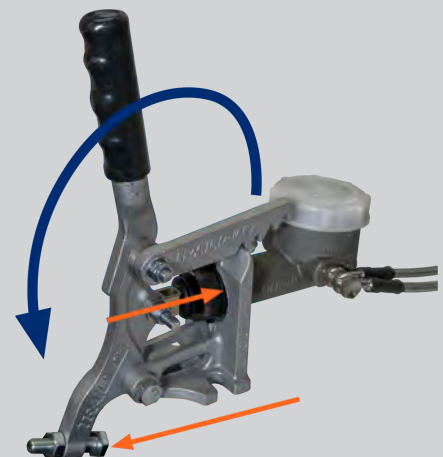


Code	Description
C28F	Premium backframe & folding lever only, zinc plated
C28F34	Premium backframe incl. ¾" Master Cylinder, zinc plated
C28F34A	Premium backframe incl. ¾" Master Cylinder + Autoback, zinc plated
C28F1	Premium backframe incl. 1" Master Cylinder, zinc plated
C28F1A	Premium backframe incl. 1" Master Cylinder + Autoback, zinc plated

NEW INNOVATION

Quick-Release Flipper Spring

When the trailers brakes are engaged the spring flicks up the lever off the backframe.



C28FQR



We've come up with this ingenious hack to ensure you never get burnt out brakes again. If the park brake is left engaged, the flipper spring will ensure it is released at the first brake actuation – usually as the trailer leaves the yard just a few metres away.

Comes with Trailparts Backframes with folding handles.

Code

C28FQR



Scan for video



COUPLINGS & SPARE PARTS



PREMIUM 3/4" & 1" MASTER CYLINDER

C34

autoback

Compatible



The Trailparts™ Premium Master cylinder is trailer builders first choice for hydraulic brakes. Designed in house to meet the needs of our customers it has many features that set it apart from regular master cylinders such as:

- Low profile reduces risk of knocks and damage.
- Enables incorporating a revised Autoback reversing solenoid at lower cost.
- Uses commonly available parts.
- Compatible with Banjo hoses and fittings to reduce the risk of brakeline damage.

Trailparts™ were the first to offer a reversing lock out brake system in New Zealand. Now compact and inexpensive, Autoback should be on the spec sheet of every new braked trailer!

C2816



63mm Reservoir Cap

C34AUT



Autoback Valve Replacement

Code	Description
C34	Trailparts™ 3/4" M. Cyl.
C34A	Trailparts™ 3/4" M. Cyl. + Autoback
C3401	Trailparts™ 1" M. Cyl.
C3401A	Trailparts™ 1" M. Cyl. + Autoback

COUPLING MAINTENANCE

STANDARD 3/4" & 7/8" MASTER CYLINDER

C2810



C2811



45mm Reservoir Cap

C2816



63mm Reservoir Cap

C2815



Code	Description
C2810	Complete 3/4" M. Cyl.
C2815	Complete 7/8" M. Cyl.

COUPLING MAINTENANCE

As couplings are a critical connection, it is important that they are mounted correctly and maintained regularly. Trailparts™ trailer couplings will perform safely and achieve an extended lifetime if these simple checks are performed, particularly on new fittings and then at regular intervals thereafter. Obviously, the trailer application and level of use will determine how often they should be maintained, but these steps should be observed for warranties to apply.



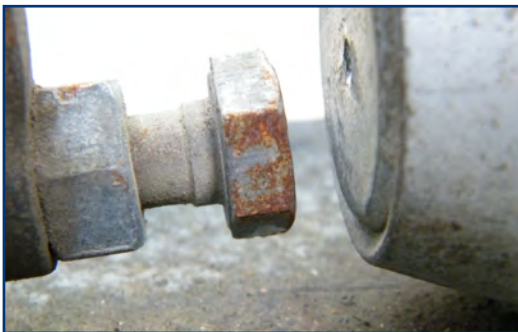
Mounting trailer Couplings

Couplings should always be mounted using high tensile zinc plated bolts, and secured using either nylon insert lock nuts or double-nut techniques. Braked couplings are designed for fitting with M12 bolts, and non-braked using M10. All nuts should be tightened using a torque wrench, M12 to 56 ft/lbs and M10 to 32 ft/lbs. When using nylon insert lock nuts, ensure that at least one full turn of thread is extended past the nut.



Greasing and Lubrication

Adequately greasing couplings is a crucial step to ensuring long life. Many ball connections are operated dry, and lead to premature wear of both coupling and towball. ALL couplings must be lightly greased in the ball area. Braked couplings should also be regularly greased on load bearing surfaces using the grease nipples.



Over-ride Coupling Adjustment

It is important for the safe and efficient operation of over-ride brake systems that the clearance for the actuating lever is adjusted correctly, as shown. Typical clearance for standard disc and drum brakes should be set at 2-3mm for light loads, and 3-4mm for heavier loads. On more efficient braking systems such as Trailparts™ Patriot disc brakes, clearances should be increased by 1-2mm over standard disc and drum brakes to prevent early brake lockup and reduce the risk of drag.



General Maintenance

Trailer maintenance is often neglected, but couplings and wheel hubs in particular should be regularly maintained to ensure continued safe operation. Bearings should be repacked on a regular basis, and checked often by jacking the wheel off the ground and checking for any movement on the stub axle by lifting the wheel, and listening for noisy wheel bearings when spinning the wheel. The 3 points above should be observed and checked when using the trailer, and general coupling condition should be monitored also, looking out for loose fittings, premature wear, cracks, and on braked couplings, brakeline leaks and master cylinder damage.



NOTES

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AXLE COMPONENTS



AXLE COMPONENTS



AN INTRODUCTION TO TRAILPARTS™ AXLE PARTS

Trailparts™ axle components are renowned for their quality and consistency, and using only the best quality components means customers can specify these critical parts with absolute confidence. It's the detail that makes the difference, and Dacromet hubs, high grade 1045 axle steel and quality bearings are standard features of all hubs and stub axles. See pages 16-26 for details.

Non-Braked Hub/Stub Sets

A wide range of non-braked hub and stub sets are available, from 1500kg road going through to low speed 6800kg agricultural versions. See pages 26-28 for details.



Disc Braked Hub/Stub Sets

The Strike! and Patriot disc brake series are making waves with their industry leading performance and efficiency, whilst featuring the ability to retro-fit to older axles in the marketplace. Other low-cost and full stainless options are also available. Great for marine application. See pages 29-33 for detail



Drum Braked Hub/Stub Sets

A range of drum brakes is available, from lightweight 9" hydraulic to 10" electric versions. Drum brakes still have an active and valued role in trailer brakes, suiting as they do specific applications. See pages 34-35 for details.



Hub Kits & Axle Spare Parts

Spare parts for the complete Trailparts™ range are available ex-stock. These are available in bulk, or as required, retail packaged for display and resale purposes. See pages 36-44 for details.



Axle Manufacturing

With all Trailparts™ axle parts, we offer a simple and cost effective "custom axle manufacturing service. These are manufactured and assembled in-house to ensure accuracy and fast turnaround times. Hot dip galvanized and pre-galvanized versions are available, along with other variations such as dropped and gullwing designs. See page 41 for details.



AXLE COMPONENTS

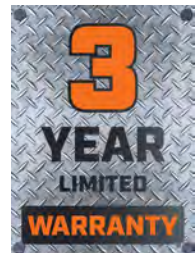
NEW
INNOVATION

unihub.

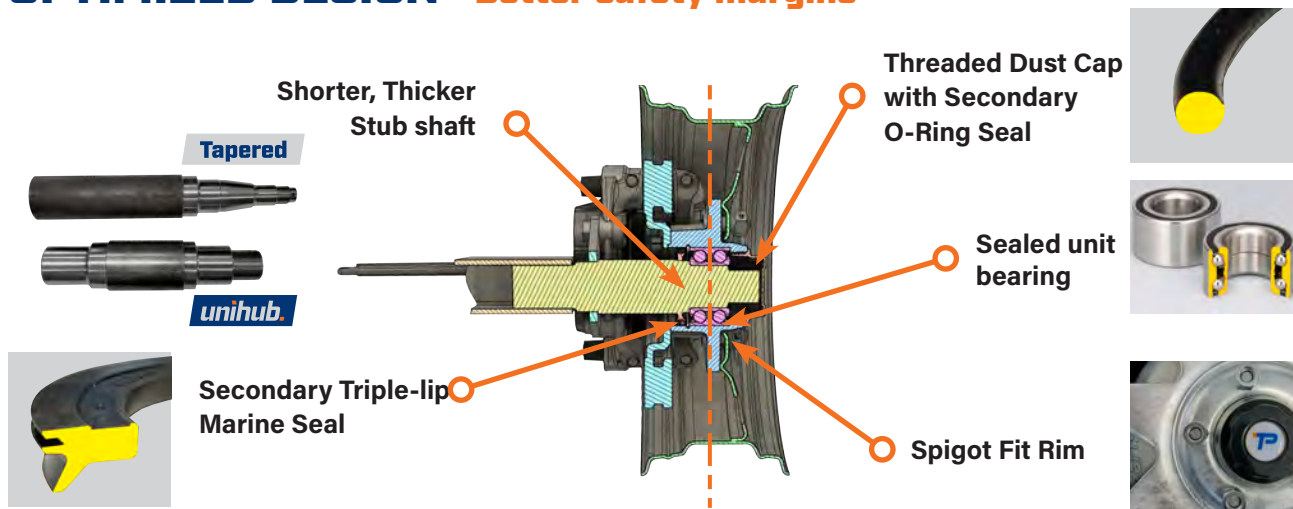


Locally Engineered for Durability & Reliability

Unihub's entire wheel-end design (wheel, hub, stub axle and bearing) is optimized to ensure that axial and radial loads are always carried exactly where you want it to be - directly through the bearing centre, on the meaty part of the stub axle. These hubs feature long life, sealed unitary bearings. They will transform how hire and rental fleets can manage trailer servicing costs, and for trailer builders looking to stand apart from the group with a much more reliable, much safer trailer hub design.



OPTIMIZED DESIGN - Better safety margins



UNIHUB COMPATIBILITY

The Unihub range comprises these combinations;

- 1.8T vented disc with Patriot calipers
- 1.8T disc with STRIKE! calipers
- 1.8T 10" electric drum
- 1.8T 10" hydraulic drum
- 3.0T vented disc with Patriot calipers
- 3.0T 12" electric drum

Note: All hubs rated in pairs ie per axle



UNITIZED BEARING



Trailparts Unihub uses unit bearings with back-to-back duplex designs and integrated seals. These feature super-finished bearing raceways and a lower coefficient of friction in operation, in turn generating less heat and leads to longer life. Bearings are also preloaded at manufacture, which means the chance of an installer causing damage through over-tightening is eliminated.

Both variants we use are a sealed-for-life design that doesn't require any maintenance. When used on Trailparts assembled axles, in conjunction with the secondary seals being fitted, carry a **3 year warranty** - another NZ trailer industry first.

Dual row angular contact bearings - 1800kg

These use spherical ball bearings, and the design of the races angle the load towards the bearing centre line. These can bear radial and axial loads from all directions about the hub. They can also bear tilting effects, so withstand the twisting loads that non-steering wheels in sets see (tandem trailers, for example).



Double row taper roller bearings - 3000kg

The two rows are angled towards the centre of the bearing in the same way as the 1.8T one, but use taper roller bearings instead of spherical ball bearings.

These have the same benefits as dual row angular contact bearings, but can carry higher loads, resist twisting even better, and are more stable under those loads.



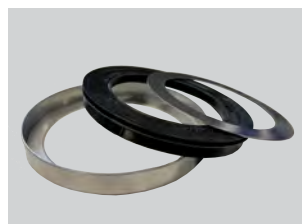
SUPERIOR SECONDARY SEALS

The Unihub range was designed to be the best a trailer hub could be. So whilst all Unihub bearings have an integrated seal - and that vehicle manufacturers fit them just as they are - we went a step further. Trailparts have developed a completely new secondary seal arrangement on both sides of the hub to eliminate dust and water ingress.



Dust Cap - O-Ring Seal

We engineered an all-new grease cap, so that we could integrate a secondary O-Ring seal. This important feature keeps contaminants out. It also makes fitting and replacing easy as they do not risk damage during removal. These new threaded caps are less prone to being knocked off during use than the pressed steel caps commonly found on trailers.



Marine Seal - Triple-lip

Marine seals are already widely used on trailers. We have re-engineered these to fit internally, while still having the triple-lipped characteristics that make them so good at resisting the ingress of contaminants.

These seals resist the ingress of water, meaning they are the perfect choice for boat trailers.



SPIGOT FIT

Wheels and hubs are always spigot mounted in automotive applications. However, the organic way trailer hub and wheel combinations have become mainstream, meant this important safety feature has been ignored.

The Unihub range introduces this feature, which is designed to eliminate improperly mounted wheels, helping prevent damage to wheel studs and nuts during fitting. Often this damage will lead to early failure in severe conditions.



Clearance fit - No gap

Standard fit - 10mm gap

MARKETPLACE WHEELS

Unit bearing design requires that hub and rims be engineered to be used together. An early decision we made was to design the Unihub range around the trailer wheels that are common in the NZ marketplace.

These are very cost-effective and widely available, and also means trailers can re-use these wheels when upgrading to Unihub. This is in contrast to EU/UK trailers and components, which use notoriously expensive wheels that are not easy to locate at short notice, when you need them.



For those looking for ways to make their trailer stand out... Trailparts own, high strength 'Kantana' alloy wheel design has been tweaked, allowing it to fit the spigot size used with Unihub. **Available in 3 colour styles.**

OPTIMIZED DESIGN - Better safety margins

Current common trailer hub designs with taper roller bearings were never originally designed to be used with the centred style rims they are commonly paired with. They disproportionately load the smaller outer bearing with 65% on the axial load, which can (and often does) lead to bearing failure. Along with this, the stub axles see loads further out the shaft where they are far narrower/weaker, which can (and often does) lead to bent and/or broken stub axles.

By contrast, Unihub's entire wheel-end design (wheel, hub, stub axle and bearing) is optimized to ensure that axial and radial loads are always carried exactly where you want it to be - directly through the bearing centre, on the meaty part of the stub axle.

These shorter and thicker shafts with an engineering-led approach means safety margins with Unihub are massively increased - the 1.8T combination having a peak load safety factor of 4.8x, and 5.6x on the 3.0T hub. The Unihub is able to withstand bending loads for far longer.



Tapered

unihub.



AXLE COMPONENTS

NON-BRAKED HUB/STUB SETS

unihub.

HU5232H



- Geomet finish on hubs
- Marine grade triple-lip waterproof seals
- Threaded dust cap with O-ring seal, 63mmØ
- Sealed back-to-back unit bearings
- Thicker stub axles
- ½" studs

Note: All Unihubs are brake ready

Hub and stub axle kits are supplied in boxed form for small orders, assisting display and resale. Bulk orders are supplied in loose form.

Hub & Stub set complete	Rating	Stud Pattern	Nose Cone	Hub Kit only (pr)	Stud Part #	Stub Part #	Stub End
HU5232H	1800kg	5 x 4 ½"	81.4mm	HU5032H	H4982T	AU912H	39mm
HU5232H55	1800kg	5 x 4 ½"	81.4mm	HU5032H	H4982T	AU913Q	55mm
HU4137H	3000kg	6 x 5 ½"	81.4mm	HU4037H	H4982T	AU935W	55mm

DRUM BRAKED HUB/STUB SETS

unihub.

HU5512H



HU5532H



Hub & Stub set complete	Rating	Stud Pattern	Drum Type	Hub Kit only (pr)	Stud Part #	Stub Part #	Stub End
HU5512H	1800kg	5 x 4 ½"	10" Electric	HU5412H	H4982T	AU912H_37	39mm
HU5512H55	1800kg	5 x 4 ½"	10" Electric	HU5412H	H4982T	AU913Q_37	55mm
HU5517H	1800kg	6 x 5 ½"	10" Electric	HU5417H	H4982T	AU912H_37	39mm
HU5517H55	1800kg	6 x 5 ½"	10" Electric	HU5417H	H4982T	AU913Q_37	55mm
HU5532H	1800kg	5 x 4 ½"	10" Hydraulic	HU5412H	H4982T	AU912H_37	39mm
HU5532H55	1800kg	5 x 4 ½"	10" Hydraulic	HU5412H	H4982T	AU913Q_37	55mm
HU5537H	1800kg	6 x 5 ½"	10" Hydraulic	HU5417H	H4982T	AU912H_37	39mm
HU5537H55	1800kg	6 x 5 ½"	10" Hydraulic	HU5417H	H4982T	AU913Q_37	55mm

Note: Other stud patterns not listed are available on request. See page 164 to ensure you are ordering the correct stud pattern, as drillings to suit non-standard wheels are non returnable.

AXLE COMPONENTS

DISC BRAKED HUB/STUB SETS

unihub.

HU4412H



HU4422H



Hub & Stub set complete	Rating	Stud Pattern	Rotor	Caliper only (pr)	Hub Kit only (pr)	Stub Part #	Stub End
HU4402H	1800kg	5 x 4 1/2"	225mm	B3700	HU4302H	AU912E_50	39mm
HU4402H55	1800kg	5 x 4 1/2"	225mm	B3700	HU4302H	AU913F_50	55mm
HU4412H	1800kg	5 x 4 1/2"	225mm Stainless	B3700SS	HU4312H	AU912E_50	39mm
HU4412H55	1800kg	5 x 4 1/2"	225mm Stainless	B3700SS	HU4312H	AU913F_50	55mm
HU4422H	1800kg	5 x 4 1/2"	235mm Vented	B3600	HU4322H	AU912E_50	39mm
HU4422H55	1800kg	5 x 4 1/2"	235mm Vented	B3600	HU4322H	AU913F_50	55mm
HU9517	3000kg	6 x 5 1/2"	290mm Vented	B3600	HU9507	AU935T	55mm

UNIHub SPARE PARTS

unihub.

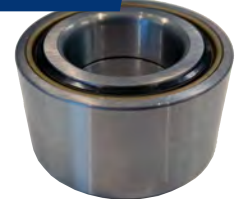
AU1901



HU4901



HU3901



Code	Discription
AU1901	63mm Grease Cap with O-ring
HU4901	Marine Seal kit 1.8T
HU4902	Marine Seal kit 3T
AU2901	Stake Nut 1.8T
AU2902	Stake Nut 3T

Code	Discription
AU3911	72mmOD Circlip suits 1.8T Unihub
AU3911	82mmOD Circlip suits 3T Unihub
HU3901	Unihub Bearing 1.8T
HU3902	Unihub Bearing 3T

Kantana 14" Alloy Rims to make your trailer stand apart

- Unihub Compatible
- +10mm Offset
- Hygo MkII Compatible
- Black
- Gunmetal
- Shadow

See more on page 123



AXLE COMPONENTS

1500kg/1750kg AXLES



H5232E



- Dacromet finish on hubs
- Marine grade triple-lip waterproof seals
- Quality taper roller bearings
- 215mm long 1045 stub axles
- 45mm standard Trailparts™ grease cap
- Custom and non-standard stud patterns available.

PRO TIP

Double check the stud pattern you are ordering using our PCD finder on page 164.

Hub and stub axle kits are supplied in boxed form for small orders, assisting display and resale. Bulk orders are supplied in loose form.

NON BRAKED HUB/STUB SETS - 1500KG

Hub & Stub set complete	Stud Pattern	Stud Size	Flange Ø	Hub Kit only (pr)	Stud Part #	Stub Part #	Bearing Kit only
H5210E	4 x 4"	7/16"	140mm	H5010E	H4980	A5902	H4885E
H5232E	5 x 4 1/2"	1/2"	150mm	H5032E	H4982	A5902	H4885E
H5238E	Blank	7/16" x 5	150mm	H5038E	H4980	A5902	H4885E
H5240E	6 x 5 1/2"	1/2"	190mm	H5040E	H4982	A5902	H4885E
H5241E	Blank	1/2" x 6	190mm	H5041E	H4982	A5902	H4885E

NON BRAKED HUB/STUB SETS - 1750KG

Hub & Stub set complete	Stud Pattern	Stud Size	Flange Ø	Hub Kit only (pr)	Stud Part #	Stub Part #	Bearing Kit only
H5232HTE	5 x 4 1/2"	1/2"	150mm	H5032HE	H4982	A5914T	H4886E
H5238HTE	Blank	7/16" x 5	150mm	H5038HE	H4980	A5914T	H4886E
H5240HTE	6 x 5 1/2"	1/2"	190mm	H5040HE	H4982	A5914T	H4886E
H5241HTE	Blank	1/2" X 6	190mm	H5041HE	H4982	A5914T	H4886E

Note: These stub ends are turned down to 38.1mm for 50x50 box section. 45mm Stub ends also available on request.

Hints when ordering Non Braked Hub/Stub Sets

Stub Axle Lengths

Non-braked stub axles are available with extra length up to 300mm overall. Select your desired stub axle from page 30.

Upgrade to Brake-ready

You can make it easy to upgrade your trailer to brakes by specifying brake-ready stub axles. See page 18 for brake-ready hub stub set details, or ask us for more information.

Minimum/Maximum PCD

Stud patterns are limited in their diameter by blank hub flanges. Maximum achievable on these: 150mm is 120mm or 4 3/4"; 190mm is 160mm or 6".

Check the Nose Cone Diameter

Some Japanese model cars, such as Subaru, have small diameter wheel centre holes. When ordering hubs to suit these wheels, give us this diameter so we can ensure a fit.

Note: Other stud patterns not listed are available on request. See page 164 to ensure you are ordering the correct stud pattern, as drillings to suit non-standard wheels are non returnable.

HEAVY DUTY OFF ROAD HUB/STUB SETS

H5260



These hub sets are designed for low speed (<40km/h) agricultural and off road use. They feature high strength cast iron hubs and taper roller bearings, and are capable of easily carrying heavy loads in all off road conditions. When used in tandem configurations, load ratings shown below must be reduced by 20%. Wheels used with these hubs require a centre hole diameter of no less than 161mm. **Braked versions are available on request also.**

Hub & Stub set complete	Rating @ 40km/h (pr)	Stud Pattern	Stud Size	Square Stub Size
H5260	3300kg	6 x 205mm	M18 x 1.5mm	50 x 300mm
H5262	4500kg	6 x 205mm	M18 x 1.5mm	60 x 350mm
H5263	6800kg	6 x 205mm	M18 x 1.5mm	70 x 350mm

NON BRAKED HUB/STUB SETS - 2500KG

H4132HE



This hub/stub set is a robust, high strength hub option. The bearings used have a very high dynamic (rolling) load capacity and the stub axles are manufactured from high-strength 1045 axle steel, ensuring that regular high-axle loading will not affect this hub/stub combination. Hubs are dacromet coated and the triple-lip marine seal means they can be used in many applications including for marine haul-out trailers and off-road use. Stub axles used in these sets do not have caliper mounting yokes, and suit 65 x65mm box section.

PRO TIP

This Hub/Stub set is commonly used for non-road going marine haul out trailers. When used below 25kmh, the rated load capacity can be adjusted to 3000kg/pr. **ONLY IF SPECIFIC TRAILPARTS WHEELS ARE SPECIFIED ALSO.** Ask for more information.

Hub & Stub set complete	Stud Pattern	Stud Size	Flange Ø	Hub Kit only (pr)	Stud Part #	Stub Part #	Stub End Ø	Bearing Kit only
H4132HE	5 x 4 1/2"	1/2"	190mm	H4122E	H4982	A5621	55mm	H4889E
H4137HE	6 x 5 1/2"	1/2"	190mm	H4127E	H4982	A5621	55mm	H4889E
H4138HE	Blank	1/2" x 6	190mm	H4128E	H4982	A5621	55mm	H4889E

Note: Other stud patterns not listed are available on request. See page 164 to ensure you are ordering the correct stud pattern, as drillings to suit non-standard wheels are non returnable.



AXLE COMPONENTS



BRAKE-READY AXLES - 1500/1750KG

The Trailparts™ range of Brake-Ready axle components make adding brakes to a trailer further down the track an uncomplicated and quick task, and is a small cost that future-proofs a major investment. Components are drawn from our standard range, and mixed according to the future set up required. Ask if the combination you require isn't listed here, as anything is possible.

PRO TIP

The 1500kg and 1750kg hubs used in these sets accept both Trailparts™ 225mm rotors/calipers and 230mm vented rotors/Patriot calipers.

1500/1750KG DISC-READY HUB/STUB SETS

H4112E Rear



H4112E Front



Hub & Stub set complete	Stud Pattern	Stud Size	Suits Brake type	Rating	Hub Kit only	Stud Part #	Stub Part #	Bearing Kit only
H4112E	5 x 4 ½"	½"	225 or 235mm Disc	1500kg	H4102E	H4982	A5948	H4885E
H4118E	Blank	7/16" x 5	225 or 235mm Disc	1500kg	H4108E	H4980	A5948	H4885E
H4112HTE	5 x 4 ½"	½"	225 or 235mm Disc	1750kg	H4102HE	H4982	A5949T	H4886E
H4118HTE	Blank	7/16" x 5	225 or 235mm Disc	1750kg	H4108HE	H4980	A5949T	H4886E

Note: These 1750kg stub ends are turned down to 38.1mm for 50x50 box section. 45mm Stub ends also available on request.

2500 DISC-READY HUB/STUB SETS - STUB END 55MM

H4138ST Rear



H4138ST Front



PRO TIP

These sets accept Trailparts 290mm vented rotors and Patriot calipers.

Hub & Stub set complete	Stud Pattern	Stud Size	Suits Brake type	Rating	Hub Kit only	Stud Part #	Stub Part #	Bearing Kit only
H4132HE	5 x 4 ½"	½"	290mm Disc	2500kg	H4122E	H4982	A5621	H4889E
H4137HE	6 x 5 ½"	½"	290mm Disc	2500kg	H4127E	H4982	A5621	H4889E
H4138HE	Blank	½" x 6	290mm Disc	2500kg	H4128E	H4982	A5621	H4889E

Note: Other stud patterns not listed are available on request. See page 164 to ensure you are ordering the correct stud pattern, as drillings to suit non-standard wheels are non returnable.

PATRIOT SERIES - HIGH PERFORMANCE DISC BRAKES



The Trailparts™ Patriot brake series is designed to lift trailer brake performance to acceptable levels, and are the first NZ designed high performance caliper/vented rotor trailer brakes that give the stopping AND cooling ability that NZ's roads demand, and retain the ability to easily retrofit to common existing axles.

The Patriot series are true performance trailer brakes, and define what a trailer brake should be. They include significant advantages in every desirable area - brake pad size; piston area; rigidity; the ventilated rotor; easy servicing features; market compatibility - delivering the total trailer brake package without compromising crucial space constraints and fit tolerances, and ensuring the switch to performance oriented solutions is simple.

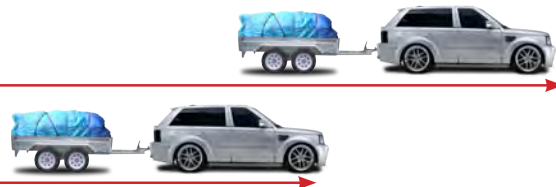
THE FACTS: IMPROVED EFFICIENCY = IMPROVED SAFETY

Trailparts™ Patriot brakes fulfill the promise of improved safety, the measurable improvements from static and live brake testing telling the story of what the improvements in efficiency deliver. A series of improvements - such as 30% more caliper rigidity; 55% more brake pad area; 80% more piston on brake pad area; and 85% more rotor cooling area - all add up to deliver real performance benefits and brake efficiency, transferring to the repeated delivery of the ultimate aim - reduced stopping distances.

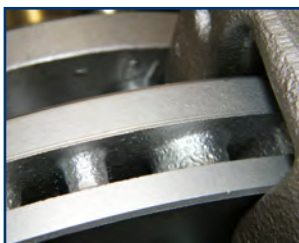
Stop achieved from 30km/h

50mm mono piston caliper,
225mm standard disc - **40.7m / 7.77 sec**

Twin 43mm piston Patriot caliper,
235mm vented disc - **29.6m / 5.11 sec**



▲ This graphic shows the ability of a trailer braking it's own load with Trailparts™ Patriot vented disc brakes compared to standard trailer brake calipers with single piston calipers. The torque generated for a presumed constant input pressure is 681Nm compared to 448Nm - an increase of 52%!



Ventilated Rotors, with up to 7% more diameter; 26mm thickness - more wear; 85% more cooling area....



High Performance Calipers, with 55% more pad area; 80% more piston on pad area; stainless steel pistons; stainless guide pins; high quality dacromet finish; 30% more rigidity....



Only high quality parts are specified, such as 316 grade stainless pistons and 304 grade stainless steel guide pins, to ensure long service life.



Easy and Low Cost Servicing - undo one bolt for caliper servicing; thicker rotors and larger pads give extended service intervals.



AXLE COMPONENTS

230mm PATRIOT VENTED DISC BRAKES

1500kg/1750kg

230mm rotor versions of the Trailparts™ Patriot brakes are designed to be used with current model 1500kg and 1750kg stub axles and bearings. Caliper mount yokes used are compatible with commonly used Trojan™ 225mm brake sets, meaning retro-fitting performance brakes to existing trailers is easy.

Other features of these brakes are;

- Dacromet coating on hubs, rotors, and calipers for corrosion resistance.
- Dual Stainless Piston Performance calipers.
- 26mm thick vented 235mm rotors.
- Marine grade triple-lip waterproof seals.
- Quality taper roller bearings.
- 45mm standard Trailparts™ grease cap.
- Custom and non-standard stud patterns available.
- Is easily able to be upgraded to have a park brake fitted, see page 41.

PRO TIP

Patriot brake sets mount on the same stub axle used with Trojan™ 225mm rotors since 1993.

H4422E

Patriot
HIGH PERFORMANCE



Hub & Stub set complete	Stud Pattern	Stud Size	Rating	Caliper (pr)	Hub Kit only (pr)	Stud Part #	Stub Part #	Bearing Kit only
H4422E	5 x 4 1/2"	1/2"	1500kg	B3600	H4322E	H4982	A5948	H4885E
H4427E	6 x 5 1/2"	1/2"	1500kg	B3600	H4327E	H4982	A5949	H4885E
H4428E	Blank	7/16" x 5	1500kg	B3600	H4328E	H4980	A5948	H4885E
H4422HE	5 x 4 1/2"	1/2"	1750kg	B3600	H4322HE	H4982	A5949	H4886E
H4427HE	6 x 5 1/2"	1/2"	1750kg	B3600	H4327HE	H4982	A5949	H4886E
H4428HE	Blank	7/16" x 5	1750kg	B3600	H4328HE	H4980	A5949	H4886E

Note: Other stud patterns not listed are available on request. See page 164 to ensure you are ordering the correct stud pattern, as drillings to suit non-standard wheels are non returnable.

290mm PATRIOT VENTED DISC BRAKES

2500kg

These 2500kg versions of the Trailparts™ Patriot brake range are an all-new high strength hub and stub axle design. Whilst the stub axle is unique to these hubs, they use commonly available bearings and seals. The use of these common parts means these hubs and calipers are able to replace non-vented 275mm rotor Trojan™ hubs and calipers on their standard current model 2000kg stub axles with the addition of an easily fitted adaptor sleeve on the outer bearing stub surface, meaning retrofitting is easy.



Other features of these brakes are;

- Dacromet coating on hubs, rotors, and calipers for corrosion resistance.
- Dual Stainless Piston Performance calipers.
- Big 290mm vented 26mm thick rotors.
- Marine grade waterproof seals.
- Quality taper roller bearings.
- 63mm Trailparts™ grease cap.
- Custom and non-standard stud patterns available.

PRO TIP

2500kg Patriot Brake sets will fit 14" and larger galv trailer rims.

Hub & Stub set complete	Stud Pattern	Stud Size	Rating	Caliper (pr)	Hub Kit only (pr)	Stud Part #	Stub Part #	Bearing Kit only
H4482E	5 x 4 1/2"	1/2"	2500kg	B3600	H4352E	H4982	A5626	H4889E
H4487E	6 x 5 1/2"	1/2"	2500kg	B3600	H4357E	H4982	A5626	H4889E
H4488E	Blank	1/2" x 6	2500kg	B3600	H4358E	H4982	A5626	H4889E

PATRIOT - HANDBRAKE UPGRADES



An all-new development means that Trailparts™ Patriot calipers are quickly and easily able to have a mechanical park brake fitted, which is operated by cables and completely independently of the hydraulic components in the caliper. Every Patriot caliper is machined to take this upgrade as required, and is a cost effective solution to the requirement by law for braked trailers over 2500kg to be fitted with a mechanical park brake; both at the time that the trailer is being built, and as an upgrade option at a later date.

Code	Description
B3605	Forward Pull Handbrake Kit



AXLE COMPONENTS

225mm STRIKE! DISC BRAKES

1500kg/1750kg

Trailparts™ 225mm cast hydraulic brake sets are designed as a cost effective braking solution, and are suited for use on trailers that are typically run with lighter loads or empty for significant distances. They use Trailparts™ 1500kg and 1750kg stub axles and bearings.

Other features of these brakes are;

- Dacromet coating on hubs, rotors, and calipers for corrosion resistance.
- Cast calipers.
- 11mm thick, 225mm diameter rotors.
- Marine grade triple-lip waterproof seals.
- Quality taper roller bearings.
- 45mm standard Trailparts™ grease cap.
- Custom and non-standard stud patterns available.
- Stainless Pistons, guide pins and tie bar.

PRO TIP

5 stud patterns only are available on these hubs, due to the design of the rotor mounting points. Call us to discuss options for 4 stud pattern disc brakes.

H4402E

strike!
SERIES CALIPERS



Hub & Stub set complete	Stud Pattern	Stud Size	Rating	Caliper (pr)	Hub Kit only (pr)	Stud Part #	Stub Part #	Bearing Kit only
H4402E	5 x 4 1/2"	1/2"	1500kg	B3700	H4302E	H4982	A5948	H4885E
H4407E	6 x 5 1/2"	1/2"	1500kg	B3700	H4307E	H4982	A5948	H4885E
H4408E	Blank	7/16" x 5	1500kg	B3700	H4308E	H4980	A5948	H4885E
H4402HTE	5 x 4 1/2"	1/2"	1750kg	B3700	H4302HE	H4982	A5949T	H4886E
H4407HTE	6 x 5 1/2"	1/2"	1750kg	B3700	H4307HE	H4982	A5949T	H4886E
H4408HTE	Blank	7/16" x 5	1750kg	B3700	H4308HE	H4980	A5949T	H4886E

Note: Other stud patterns not listed are available on request. See page 164 to ensure you are ordering the correct stud pattern, as drillings to suit non-standard wheels are non returnable.

225mm STRIKE! STAINLESS DISC BRAKES

1500kg/1750kg



These brakes are the ultimate solution for corrosion resistance, featuring fully stainless steel calipers and rotors.

Other features of these brakes are the same as cast version on previous page, but add;

- Stainless steel calipers.
- Stainless steel 225mm diameter 11mm rotors.



Hub & Stub set complete	Stud Pattern	Stud Size	Rating	Caliper (pr)	Hub Kit only (pr)	Stud Part #	Stub Part #	Bearing Kit only
H4412E	5 x 4 1/2"	1/2"	1500kg	B3700SS	H4312E	H4982	A5948	H4885E
H4417E	6 x 5 1/2"	1/2"	1500kg	B3700SS	H4317E	H4982	A5948	H4885E
H4418E	Blank	7/16" x 5	1500kg	B3700SS	H4318E	H4980	A5948	H4885E
H4412HTE	5 x 4 1/2"	1/2"	1750kg	B3700SS	H4312HE	H4982	A5949T	H4886E
H4417HTE	6 x 5 1/2"	1/2"	1750kg	B3700SS	H4317HE	H4982	A5949T	H4886E
H4418HTE	Blank	7/16" x 5	1750kg	B3700SS	H4318HE	H4980	A5949T	H4886E

HANDBRAKE UPGRADES FOR TRAILPARTS™ STRIKE! CALIPERS



Trailparts™ STRIKE! calipers are now able to be ordered with a mechanical park brake fitted, which is operated by cables and completely independent of the hydraulic components in the caliper. The perfect solution for marine trailers when paired with the full Stainless Steel calipers and trailers that need maximum caliper clearance on wide chassis.

Code	Description
B3700L	Strike! stainless steel calipers with handbrake
B3700SSL	Strike! cast calipers with handbrake

Note: Other stud patterns not listed are available on request. See page 164 to ensure you are ordering the correct stud pattern, as drillings to suit non-standard wheels are non returnable.



AXLE COMPONENTS

10" ELECTRIC DRUM BRAKES

1500kg/1750kg



Trailparts™ 10" electric drum brakes are an effective and economical way to brake any domestic-type trailer, but are particularly suited to trailers up to 3500kg that carry varying loads or run empty often. This is because the controllers that run them, either cab or trailer mounted, are adjustable to suit whatever load is being carried, delivering the optimum braking performance.

H5512E



Other features include;

- 10" x 2¼" zinc plated G9 cast drum hub.
- Marine grade triple-lip waterproof seals.
- Quality taper roller bearings.
- 45mm standard Trailparts™ grease cap.
- Inbuilt mechanical parking brake.
- Backplates are included when ordering hub/stub sets.



◀ Mechanical park brake lever shown.

Hub & Stub set complete	Stud Pattern	Stud Size	Rating	Backplate (ea)	Hub Kit only (pr)	Stud Part #	Stub Part #	Bearing Kit only
H5512E	5 x 4 ½"	½"	1500kg	B3150/B3151	H5412E	H4982	A5935	H4885E
H5517E	6 x 5 ½"	½"	1500kg	B3150/B3151	H5417E	H4982	A5935	H4885E
H5518E	Blank	7/16" x 5	1500kg	B3150/B3151	H5418E	H4980	A5935	H4885E
H5512HTE	5 x 4 ½"	½"	1750kg	B3150/B3151	H5412HE	H4982	A5936T	H4886E
H5517HTE	6 x 5 ½"	½"	1750kg	B3150/B3151	H5417HE	H4982	A5936T	H4886E
H5518HTE	Blank	7/16" x 5	1750kg	B3150/B3151	H5418HE	H4980	A5936T	H4886E

Note: Other stud patterns not listed are available on request. See page 164 to ensure you are ordering the correct stud pattern, as drillings to suit non-standard wheels are non returnable.

NEW INNOVATION

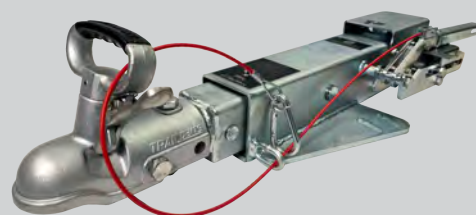
- Easy multiple vehicle towing.
- No in-cab wiring required.
- Supports NZ products / industry.
- Unihub compatible.

See more on pages 63-66

hygo.
MkII

**3.5T HYDRAULIC
OVER-RIDE BRAKES**

NO ELECTRICS REQUIRED





9" & 10" HYDRAULIC DRUM BRAKES

1500kg/1750kg

Trailparts™ 9" hydraulic drum brakes are an effective and economical way to brake any domestic-type trailer. Their smooth, damped braking action means they are particularly suited to horse floats or trailers that carry livestock or other fragile loads.



Other features include;

- 9" x 1 3/4" zinc plated G9 cast drum hub.
- Marine grade triple-lip waterproof seals.
- Quality taper roller bearings.
- 45mm standard Trailparts™ grease cap on 9" drum.
- Backplates are included when ordering hub/stub sets.
- 1/2" Studs come standard. 7/16" Studs available on request.

Hub & Stub set complete	Stud Pattern	Drum Size	Rating	Backplate (ea)	Hub Kit only (pr)	Stud Part #	Stub Part #	Bearing Kit only
H5502E	5 x 4 1/2"	9"	1500kg	B3140/B3141	H5402E	H4982	A5930	H4885E
H5507E	6 x 5 1/2"	9"	1500kg	B3140/B3141	H5407E	H4982	A5930	H4885E
H5532E	5 x 4 1/2"	10"	1500kg	B3160/B3161	H5412E	H4982	A5935	H4885E
H5502HTE	5 x 4 1/2"	9"	1750kg	B3140/B3141	H5402HE	H4982	A5931T	H4886E
H5507HTE	6 x 5 1/2"	9"	1750kg	B3140/B3141	H5407HE	H4982	A5931T	H4886E
H5532HTE	5 x 4 1/2"	10"	1750kg	B3160/B3161	H5412HE	H4982	A5936T	H4886E

Note: Other stud patterns not listed are available on request. See page 164 to ensure you are ordering the correct stud pattern, as drillings to suit non-standard wheels are non returnable.

NEW INNOVATION

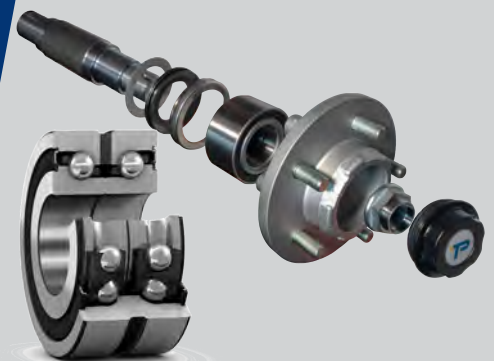
Low Maintenance & Servicing Cost

- External secondary seals.
- Optimised wheel end design for safer towing.
- Hygo MkII Compatible.

See more on pages 21-25

unihub.

**SEALED-FOR-LIFE
UNITISED BEARING**



AXLE COMPONENTS

HUB KITS – NON BRAKED



Identify your hub using our diagrams on pages 168-169.

NOTE: If complete hub and stub axle kits are required, see pages 26-27.

Hub kit (pr)	Stud Pattern	Stud Size	Rating	Flange	Stud Part #	Bearing Kit only	Dustcap
H5010E	4 x 4"	7/16"	1500kg	140mm	H4980	H4885E	H4951
H5032E	5 x 4 1/2"	1/2"	1500kg	150mm	H4982	H4885E	H4951
H5038E	Blank	7/16"	1500kg	150mm	H4980	H4885E	H4951
H5040E	6 x 5 1/2"	1/2"	1500kg	190mm	H4982	H4885E	H4951
H5041E	Blank	1/2"	1500kg	190mm	H4982	H4885E	H4951
H5032HE	5 x 4 1/2"	1/2"	1750kg	150mm	H4982	H4886E	H4951
H5038HE	Blank	7/16"	1750kg	150mm	H4980	H4886E	H4951
H5040HE	6 x 5 1/2"	1/2"	1750kg	190mm	H4982	H4886E	H4951
H5041HE	Blank	1/2"	1750kg	190mm	H4982	H4886E	H4951

NOTE: All hubs are supplied as pairs, and include bearing kits, dustcaps, and wheelnuts. Non standard stud patterns may be subject to extra charges and are non returnable.



HUB KITS – BRAKE READY



Identify your hub using our diagrams on pages 168-169.

NOTE: If complete hub and stub axle kits are required, see page 28.

Hub kit (pr)	Stud Pattern	Stud Size	Rating	Flange	Stud Part #	Bearing Kit only	Dustcap
H4102E	5 x 4 1/2"	1/2"	1500kg	150mm	H4982	H4885E	H4951
H4108E	Blank	7/16"	1500kg	150mm	H4980	H4885E	H4951
H4102HE	5 x 4 1/2"	1/2"	1750kg	150mm	H4982	H4886E	H4951
H4108HE	Blank	7/16"	1750kg	150mm	H4980	H4886E	H4951
H4122E	5 x 4 1/2"	1/2"	2500kg	190mm	H4982	H4889E	H4959
H4127E	6 x 5 1/2"	1/2"	2500kg	190mm	H4982	H4889E	H4959
H4128E	Blank	1/2"	2500kg	190mm	H4982	H4889E	H4959

NOTE: All hubs are supplied as pairs, and include bearing kits, dustcaps, and wheelnuts. Non standard stud patterns may be subject to extra charges and are non returnable.



Note: Other stud patterns not listed are available on request. See page 164 to ensure you are ordering the correct stud pattern, as drillings to suit non-standard wheels are non returnable.

VENTED 235 & 290mm DISC HUB KITS SUIT PATRIOT CALIPERS



Identify your hub using our diagrams on pages 168-169.

NOTE: If complete hub and stub axle kits are required, see pages 29-31.

Hub kit (pr)	Stud Pattern	Stud Size	Rating	Rotor	Rotor Ø	Stud Part #	Bearing Kit only	Dustcap
H4322E	5 x 4 ½"	½"	1500kg	H4215	235mm	H4982	H4885E	H4951
H4328E	Blank	7/16"	1500kg	H4215	235mm	H4980	H4885E	H4951
H4322HE	5 x 4 ½"	½"	1750kg	H4215	235mm	H4982	H4886E	H4951
H4328HE	Blank	7/16"	1750kg	H4215	235mm	H4980	H4886E	H4951
H4352E	5 x 4 ½"	½"	2500kg	H4225	290mm	H4982	H4889E	H4959
H4357E	6 x 5 ½"	½"	2500kg	H4225	290mm	H4982	H4889E	H4959
H4358E	Blank	½"	2500kg	H4225	290mm	H4982	H4889E	H4959

NOTE: All hubs are supplied as pairs, and include bearing kits, dustcaps, and wheelnuts. Non standard stud patterns may be subject to extra charges and are non returnable.



STANDARD 225mm DISC HUB KITS



Identify your hub using our diagrams on pages 168-169.

NOTE: If complete hub and stub axle kits are required, see pages 32-33.

Hub kit (pr)	Stud Pattern	Stud Size	Rating	Rotor	Rotor Finish	Stud Part #	Bearing Kit only	Dustcap
H4302E	5 x 4 ½"	½"	1500kg	H4210	Dacromet	H4982	H4885E	H4951
H4308E	Blank	7/16"	1500kg	H4210	Dacromet	H4980	H4885E	H4951
H4302HE	5 x 4 ½"	½"	1750kg	H4210	Dacromet	H4982	H4886E	H4951
H4308HE	Blank	7/16"	1750kg	H4210	Dacromet	H4980	H4886E	H4951
H4312E	5 x 4 ½"	½"	1500kg	H4211	Stainless Steel	H4982	H4885E	H4951
H4318E	Blank	7/16"	1500kg	H4211	Stainless Steel	H4980	H4885E	H4951
H4312HE	5 x 4 ½"	½"	1750kg	H4211	Stainless Steel	H4982	H4886E	H4951
H4318HE	Blank	7/16"	1750kg	H4211	Stainless Steel	H4980	H4886E	H4951

NOTE: All hubs are supplied as pairs, and include bearing kits, dustcaps, and wheelnuts. Non standard stud patterns may be subject to extra charges and are non returnable.



Note: Other stud patterns not listed are available on request. See page 164 to ensure you are ordering the correct stud pattern, as drillings to suit non-standard wheels are non returnable.



AXLE COMPONENTS

OTHER DISC HUB KITS

Identify your hub using our diagrams on pages 168-169.

NOTE: If complete hub and stub axle kits are required, see pages 29-33.

Hub kit (pr)	Stud Pattern	Stud Size	Rating	Rotor	Wheelnut	Stud Part #	Stub Part #	Bearing Kit only	Dustcap
H5452E	5 x 4 1/2"	7/16"	1500kg	260mm	H4996	H4982	A5980	H4885E	H4951
H5458E	Blank	7/16"	1500kg	260mm	H4995	H4980	A5980	H4885E	H4951
H5452HE	5 x 4 1/2"	1/2"	1750kg	260mm	H4996	H4982	A5981	H4886E	H4951
H5458HE	Blank	7/16"	1750kg	260mm	H4995	H4980	A5981	H4886E	H4951

NOTE: All hubs are supplied as pairs, and include bearing kits, dustcaps, and wheelnuts. Non standard stud patterns may be subject to extra charges and are non returnable.



DRUM HUB KITS

Identify your hub using our diagrams on pages 168-169.

NOTE: If complete hub and stub axle kits are required, see pages 34-35.

Hub kit (pr)	Stud Pattern	Stud Size	Rating	Drum	Wheelnut	Stud Part #	Stub Part #	Bearing Kit only	Dustcap
H5402E	5 x 4 1/2"	1/2"	1500kg	9x1 3/4"	H4996	H4982	A5930	H4885E	H4951
H5407E	6 x 5 1/2"	1/2"	1500kg	9x1 3/4"	H4996	H4982	A5930	H4885E	H4951
H5408E	Blank	7/16"	1500kg	9x1 3/4"	H4995	H4980	A5930	H4885E	H4951
H5402HE	5 x 4 1/2"	1/2"	1750kg	9x1 3/4"	H4996	H4982	A5931EXT	H4886E	H4951
H5407HE	6 x 5 1/2"	1/2"	1750kg	9x1 3/4"	H4996	H4982	A5931EXT	H4886E	H4951
H5408HE	Blank	7/16"	1750kg	9x1 3/4"	H4995	H4980	A5931EXT	H4886E	H4951
H5417E	6 x 5 1/2"	1/2"	1500kg	10x2 1/4"	H4996	H4982	A5935	H4885E	H4951
H5418E	Blank	7/16"	1500kg	10x2 1/4"	H4995	H4980	A5935	H4885E	H4951
H5412HE	5 x 4 1/2"	1/2"	1750kg	10x2 1/4"	H4996	H4982	A5936EXT	H4886E	H4951
H5417HE	6 x 5 1/2"	1/2"	1750kg	10x2 1/4"	H4996	H4982	A5936EXT	H4886E	H4951
H5418HE	Blank	7/16"	1750kg	10x2 1/4"	H4995	H4980	A5936EXT	H4886E	H4951

NOTE: All hubs are supplied as pairs, and include bearing kits, dustcaps, and wheelnuts. Non standard stud patterns may be subject to extra charges and are non returnable.



Note: Other stud patterns not listed are available on request. See page 164 to ensure you are ordering the correct stud pattern, as drillings to suit non-standard wheels are non returnable.

NON BRAKED STUB AXLES



Identify your stub using our diagrams on page 166-167.

Stub Code	Rating	Length OA	Bearing kit	Stub End
A5902	1500kg/pr	215mm	H4885E	39mm
A5904	1500kg/pr	270mm	H4885E	39mm
A5905	1500kg/pr	300mm	H4885E	39mm
A5912	1750kg/pr	215mm	H4886E	45mm
A5914	1750kg/pr	270mm	H4886E	45mm
A5914EXT	1750kg/pr	270mm	H4886E	45mm
A5915	1750kg/pr	300mm	H4886E	45mm
A5620	2500kg/pr	350mm	H4889E	50mm
A5621	2500kg/pr	350mm	H4889E	55mm



DISC BRAKED STUB AXLES



Identify your stub using our diagrams on page 166-167.

Stub Code	Rating	Length OA	Suits Disc	Suits Caliper	Bearing Kit	Stub End
A5948	1500kg/pr	270mm	230/235mm	B3101M/B3100MS/B3600/B3700/B3700SS	H4885E	39mm
A5949	1750kg/pr	270mm	230/235mm	B3101M/B3100MS/B3600/B3700/B3700SS	H4886E	45mm
A5949EXT	1750kg/pr	270mm	230/235mm	B3101M/B3100MS/B3600/B3700/B3700SS	H4886E	38.1mm
A5980	1500kg/pr	270mm	260mm	B3101M/B3100MS	H4885E	39mm
A5981	1750kg/pr	270mm	260mm	B3101M/B3100MS	H4886E	45mm
A5627	1750kg/pr	350mm	290mm	B3600	H4889E	55mm
A5626	2500kg/pr	350mm	290mm	B3600	H4889E	55mm
TR994297	2000kg/pr	300mm	275mm	B3101M/B3100MS	H4872E	38.1mm

DRUM BRAKED STUB AXLES



Identify your stub using our diagrams on pages 166-167.

Stub Code	Rating	Length OA	Suits Drum	Suits Backplate	Bearing Kit	Stub End
A5930	1500kg/pr	270mm	9"	B3140/B3141	H4885	39mm
A5931	1750kg/pr	270mm	9"	B3140/B3141	H4886	45mm
A5935	1500kg/pr	270mm	10"	B3150/B3151	H4885	39mm
A5936	1750kg/pr	270mm	10"	B3150/B3151	H4886	45mm



NOTE: One matching nut, pin and washer set is supplied with each stub axle.
For Unihub Stubs and spare parts refer to pages 24-25



AXLE COMPONENTS

AXLE NUT SETS



Code	Description
A5970	¾" UNF Axle nut, flat washer, and split pin – suits all 1500kg/1750kg stub axles
A5971	1" UNF axle nut, flat washer, and split pin – suits Trailparts™ 2500kg stub axles

NOTE: For Unihub Stubs and spare parts refer to pages 24-25

AXLE DROPPERS



Axle Droppers are used when a lower height trailer is required. Custom cut sizes are also available. Contact us for more options.

PRO TIP

Axle dropper lengths are measured from the centre of the axle cutout to the centre of the stub axle cutout.

Code	Drop Length	Axle Beam Cutout	Stub Size	Thickness
A5995	65mm	50x50mm	39mm round	25mm
A5996	65mm	50x50mm	45mm round	25mm
A5990	100mm	50x50mm	39mm round	25mm
A5991	100mm	65x65mm	45mm round	25mm
A5997	100mm	65x65mm	57mm round	25mm
A5998	100mm	65x65mm	45mm round	25mm

BRAKE MOUNT PLATES

The range of weld-on plates used for mounting brakes to axles are also available as loose parts. This allows the fitting of brakes to any appropriate existing trailer axle, and assists in keeping brake upgrade costs to a minimum.

PRO TIP

When welding mount plates to axles, it is important to ensure they are square and straight. Contact us for hints on how to do this easily.

Code	Suits Brake Type	Suits Stub
A5930P	9" Hydraulic Drum	1500kg/pr
A5931P	9" Hydraulic Drum	1750kg/pr
A5935P	10" Electric Drum	1500kg/pr
A5936P	10" Electric Drum	1750kg/pr
A5948P	B3600 Patriot and B3101M/B3100MS hydraulic calipers	1500kg/pr
A5949P	B3600 Patriot and B3101M/B3100MS hydraulic calipers	1750kg/pr



AXLE COMPONENTS

CUSTOM AXLES

**NO HASSLE
NO WORRIES**

18 MONTHS WARRANTY

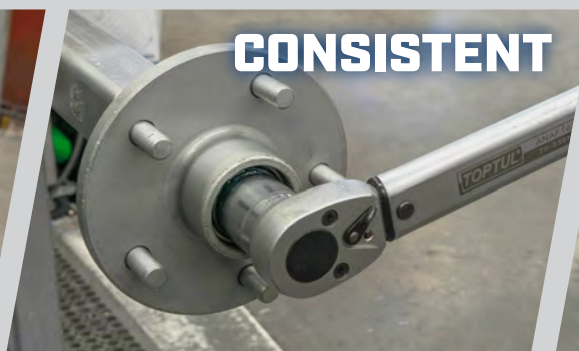
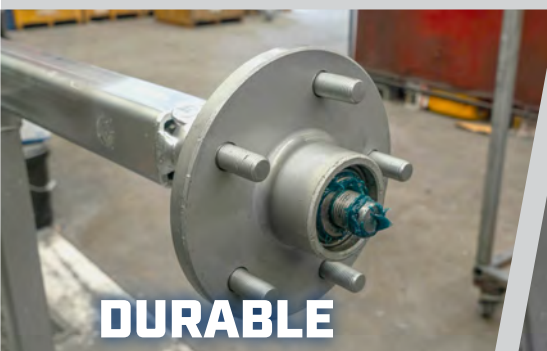
ON CUSTOM AXLES AND OTHER TRAILPARTS COMPONENTS

We understand that axles are a crucial part of trailer building, which is why Trailparts™ pre-assembled axles come with a full 18 month warranty.

Trailer manufacturers are finding this service saves them time and staff capacity, while still giving them the confidence that their trailers aren't compromised in any way.

See page 163 for axle quotation request form

- Our axles are made on a laser-set jig which ensures accuracy, consistency and quality of our axles.
- Hubs are fitted, greased and ready to be bolted on your trailer.
- All welds on DURA GALV are protected by zinc paint.
- Packed and delivered to your door.



AXLE COMPONENTS

WHEEL BEARING OVERHAUL KITS

Trailparts™ wheel bearings and kits are put together using the highest quality bearings and seals. NSK™ bearings are used where available, and all bearing kits are available in retail friendly blister packaging for ease of resale. Contact us if the bearings required aren't listed here, as the table below shows only commonly used kits and components.



Kit Code	Suits Hub/Stub	Inner Bearing	Outer Bearing	Seal	Cross Ref _Saeco_	Cross Ref _Trojan_
H4870	Trojan HS1000	44642/10	11949/10	PR6695/H4895	TWK01	PT1009&PT10121
H4871	Trojan Mk4, early 2000kg	48548/10	11949/10	PR6697/H4896	TWK05	PT1011&PT10141
H4872	Trojan 2000kg, current	48548/10	44649/10	PR6697/H4896	N/A	PT1129&PT10141
H4873	Trojan HS1000	44600LC/10	11949/10	Sealed Bearing	TWK01L	PT1082
H4874	Delta	30205	30205	30x52x7/H4898	TWK03L	N/A
H4875	Trojan Mk1	30205	30204	30x52x7/H4898	TWK03	N/A
H4876	Old Delta	30206	30204	35x62x7/H4889	TWK04	N/A
H4878	Integral Wheels	6205-2RS	6205-2RS	30x52x7/H4898	N/A	N/A
H4885E	Trailparts™/Trojan	67048/10	11949/10	PR6641/H4890	TWK02	PT1010&PT10131
H4886E	Trailparts™ 1750kg	68148/10	12749/10	PR6692/H4891	TWK09	PT1155&PR6692
H4888	Trailparts™/Dexter 2500kg	25580/20	15123/45	82130/H4893	N/A	N/A
H4889E	Trailparts™ Patriot 2500kg	48548/10	67048/10	PR6697/H4896	N/A	N/A

WHEEL BEARINGS - BULK



Kit Code	Bearing Type	Bearing Cone	Bearing Cup	Inner Ø mm	Outside Ø mm	Width mm
H4820	Taper Roller Bearing Cup/Cone Set	67048	67010	31.75	59.131	15.875
H4822	Taper Roller Bearing Cup/Cone Set	11949	11910	19.05	45.237	15.494
H4830	Taper Roller Bearing Cup/Cone Set	68149	68110	35	59.131	15.875
H4832	Taper Roller Bearing Cup/Cone Set	12749	12710	22	45.237	15.494
H4835	Sealed Ball Bearing	6205-2RS	N/A	25	52	15
H4840	Taper Roller Bearing Cup/Cone Set	44642	44610	25.4	50.292	14.224
H4841	Taper Roller Bearing Cup/Cone/Seal Set	44600LC	44610	25.4	50.292	14.224*
H4842	Taper Roller Bearing Cup/Cone Set	30205	30205	25	52	16.25
H4843	Taper Roller Bearing Cup/Cone Set	30204	30204	20	47	15.25
H4844	Taper Roller Bearing Cup/Cone Set	30206	30206	30	62	17.25
H4845	Taper Roller Bearing Cup/Cone Set	48548	48510	34.925	65.088	18.034
H4846	Taper Roller Bearing Cup/Cone Set	44649	44610	26.988	50.292	14.224
H4847	Taper Roller Bearing Cup/Cone Set	11749	11710	17.462	39.878	13.843
H4848	Taper Roller Bearing Cup/Cone/Seal Set	67048LA	67010	31.75	59.131	15.875*
H4850	Taper Roller Bearing Cup/Cone Set	25580	25520	44.45	82.931	32.812
H4851	Taper Roller Bearing Cup/Cone Set	15123	15145	31.75	62	18.161

* Excludes seal width

HUB SEALS - BULK

H4890



H4891



H4898



Kit Code	Suits Hub/Stub	Alt Code	Nom. ID	OD	Nom. Width	Suit Bearing
H4890	2 Piece Marine-type Seal	PR6641	35.2mm	59.35mm	14.35mm	67048/10
H4891	2 Piece Marine-type Seal	PR6692	41.5mm	59.35mm	14.35mm	68149/10
H4893	2 Piece Marine-type Seal	82130	45mm	85.2mm	19mm	25580/20
H4895	2 Piece Marine-type Seal	PR6695	29.05mm	50.6mm	15mm	44642/10
H4896	2 Piece Marine-type Seal	PR6697	45.5mm	65.2mm	16.35mm	48548/10
H4898	Standard Oil Seal	-	30mm	52mm	7mm	30205
H4899	Standard Oil Seal	-	35mm	62mm	7mm	30206

NOTE: For Unihub spare parts refer to pages 24-25

GREASE CAPS/DUST CAPS

H4951



H4959



H4957



Bulk Code	Discription
H4951	45mm Grease Cap
H4955	47mm Grease Cap
H4956	50.2mm Grease Cap
H4957	52mm Grease Cap

Bulk Code	Discription
H4958	62.5mm Grease Cap
H4959	63mm Grease Cap

NOTE: For Unihub spare parts refer to pages 24-25

WHEEL BEARINGS PROTECTORS

H4961BL



Code (pr)	Discription
H4961BL	45mm Bearing Protector
H4966BL	50.2 mm Bearing Protector
H4967BL	52 mm Bearing Protector
H4963	Replacement PVC Protector



AXLE COMPONENTS

WHEELSTUDS

H4980



H4982



H4980BL



Bulk Code	Packaged (pk/5)	Thread (T)	Length (A)	Spline Diameter (B)	Spline Length (C)	Finish
H4980	H4980BL	7/16" UNF	38mm	14.2mm	10mm	Zinc Plated
H4982	H4982BL	1/2" UNF	38mm	14.2mm	10mm	Zinc Plated
H4985	H4985BL	1/2" UNF	50mm	15.6mm	11.5mm	Zinc Plated

Note: Common wheelstuds are listed here, and many more are available. Contact us for other options if you have requirements outside the sizes listed.

WHEELNUTS - STANDARD

Bulk Code	Thread	Taper	AF	Finish
H4995	7/16" UNF	60°	18.85mm	Zinc Plated
H4996	1/2" UNF	60°	20.45mm	Zinc Plated

H4995



WHEELNUTS - SUITS ALLOY WHEELS

Bulk Code	Thread	Length	Taper	Nut Type	AF	Finish
H4990	7/16" UNF	36mm	80°	Closed	19mm	Chrome
H4991	1/2" UNF	36mm	60°	Closed	21mm	Chrome

H4991



CREDO

**Innovative, wireless
brake control technology**

See more on pages 58-61

- Easy to use, multi-vehicle brake control for trailers up to **3500kg**
- Touch screen for simple and intuitive operation
- Fully compatible with 12v and 24v vehicles



BRAKE PARTS & SPARES

BRAKE PARTS & SPARES



BRAKE PARTS & SPARES

PATRIOT CALIPERS - HIGH PERFORMANCE



B3600



B3690



B3680



B3668K



B3681K



B3670



Code	Description
B3600	1 x pair of complete Patriot hydraulic calipers including brake pads
B3668K	Guide pin/bush kit
B3681K	Seal and piston boot kit
B3690	Brake pads (pair)
B3670	3/8" UNF Bleed screw, stainless
B3680	43mm Stainless steel piston kit (pair)

HANDBRAKE KIT - PATRIOT CALIPERS

B3605



Trailparts™ Patriot calipers are quickly and easily able to have a mechanical park brake fitted, which is operated by cables and completely independent of the hydraulic components in the caliper. This is a cost effective solution to the requirement by law for braked trailers over 2500kg to be fitted with a mechanical park brake; both at the time that the trailer is being built, and as an upgrade option at a later date.

Code	Description
B3605	Forward Pull Handbrake Kit - Suits Patriot

BRAKE PARTS & SPARES



STRIKE! CALIPERS - CAST OR STAINLESS OPTION

B3700SS

strike!
SERIES CALIPERS



B3106



B3103



B3668K



B3104



B3670

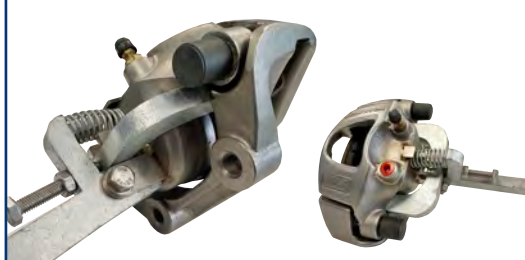


BRAKE PARTS & SPARES

Code	Description
B3700SS	1 x pair of complete stainless hydraulic Strike! calipers including brake pads
B3700	1 x pair of complete cast hydraulic Strike! calipers including brake pads
B3668K	Guide pin/bush kit
B3104	Seal and piston boot kit
B3106	Brake pads (pair)
B3670	3/8" UNF Bleed screw, stainless
B3103	54mm Stainless steel piston

HANDBRAKE KIT - STRIKE! CALIPERS

B3700L



Trailparts™ STRIKE! calipers are now able to be ordered with a mechanical park brake fitted, which is operated by cables and completely independent of the hydraulic components in the caliper. The perfect solution for marine trailers when paired with the full Stainless Steel calipers and trailers that need maximum caliper clearance on wide chassis.

Code	Description
B3700L	Strike! stainless steel calipers with handbrake
B3700SSL	Strike! cast calipers with handbrake



BRAKE PARTS & SPARES

STANDARD CALIPERS

B3101M



B3106



B3102



B3107



B3104



B3109



Code	Description
B3100MS	1 x pair of complete stainless hydraulic calipers including brake pads
B3101M	1 x pair of complete cast hydraulic calipers including brake pads
B3107	Guide pin/bush kit
B3104	Seal and piston boot kit
B3106	Brake pads (pair)
B3109	3/8" UNF Bleed screw, brass
B3102	54mm phenolic piston

TRIGG / ARK / MEHER CALIPER

Code	Description
B3130	1 x pair of complete Trigg cast hydraulic calipers including brake pads
B3120	1 x pair of complete Trigg cast mechanical calipers including brake pads
B3131	Caliper piston seal (each)
B3135	Brake pads (pair)



DRUM - BACKPLATE PARTS

9" x 1.75" Hydraulic Backplates

Code	Description
B3140	9" x 1.75" complete hydraulic backplate, left hand
B3141	9" x 1.75" complete hydraulic backplate, right hand
B3144	Bleed screw 3/8" UNF
B3145-4	M10 x 20mm mount bolt and nylock nut, set/4



10" x 2.25" Hydraulic Backplates

Code	Description
B3160	10" x 2.25" complete hydraulic backplate, left hand
B3161	10" x 2.25" complete hydraulic backplate, right hand
B3144	Bleed screw 3/8" UNF
B3145-4	M10 x 20mm mount bolt and nylock nut, set/4



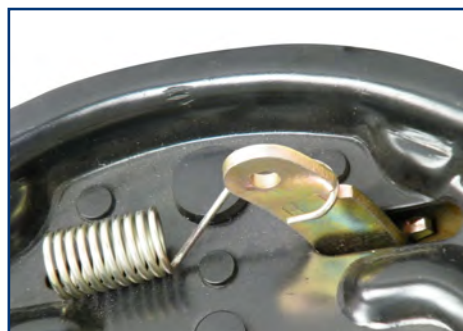
10" x 2.25" Electric Backplates

Code	Description
B3150	10" x 2.25" complete electric backplate, left hand
B3151	10" x 2.25" complete electric backplate, right hand
B3152-4	7/16" mount bolt and lock nut, set/4
B3153	Electromagnet Kit (each)

Trailparts™ mechanical parking brake feature on electric drums

PRO TIP

This braking mechanism is a feature of Trailparts™ 10" electric drum backplates.



NEW
INNOVATION

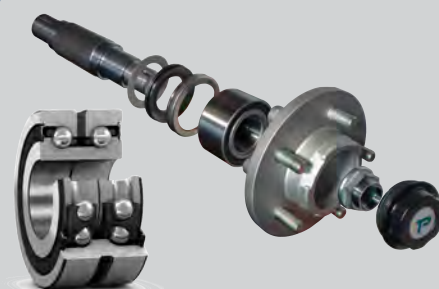
unihub.

Low Maintenance & Servicing Cost

- External secondary seals.
- Optimised wheel end design for safer towing.
- Hygo MkII Compatible.

See more on pages 21-25

SEALED-FOR LIFE
UNITISED BEARING



TrailParts™
Innovative Trailer Solutions



We do the business.

BANJO-BANJO BRAKE LINES



BRAKELINE HOSE KITS

- Easy Quick-fit
- Fully Stainless
- Strong Braided Hose

Trailparts new fast-to-fit banjo brakeline hose kits don't require any expertise or fancy tools to fit, and are stainless steel throughout so suitable for every job. They are designed to be a plug and play system, and really are the business, letting you – and your high paid staff – get on with running yours.

14MM SPANNER

ALL YOU NEED TO INSTALL BANJO BRAKE LINES

HOSE LENGTHS & ACCESSORIES

Hoses	Part Number	Hoses	Part Number
1m hose	BBB1000	4m hose	BBB4000
1.5m hose	BBB1500	4.5m hose	BBB4500
1.75m hose	BBB1750	5m hose	BBB5000
2m hose	BBB2000	5.5m hose	BBB5500
2.5m hose	BBB2500	6m hose	BBB6000
3m hose	BBB3000	7m hose	BBB7000
3.5m hose	BBB3500	8m hose	BBB8000
Accessories	Part Number	Accessories	Part Number
Single Banjo bolt 3/8"	B3183	P-clip with bolt	E7105
Double Banjo bolt 3/8"	B3183D	Grommet 4-5mm	Z6797
Copper washer	B3197		

FIXINGS MADE EASY

Banjo brake hoses have been designed to simplify the routing and fixing process. Our strong braided lines can be run along the chassis internally using the 5-4mm Grommets for weather sealing, or externally using P-clips.

PRO TIP

Torque Banjo bolts to 27 ft/lb. We recommend an extra x2 washers on both double & single banjo bolts when used with non-Trailparts components.



BRAIDED HOSE

Banjo brake hoses are braided to ensure strength and reduce damage.

All hoses are ready to install regardless of whether its a single or double bolt with a universal banjo fitting each end.

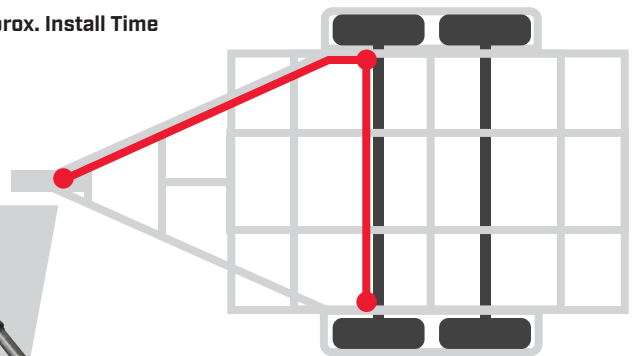


Single Braked Axle - Option 1

- x2 Banjo Banjo braided hose
- x2 Single Banjo bolt
- x1 Double Banjo bolt
- x7 Copper Washer



Approx. Install Time

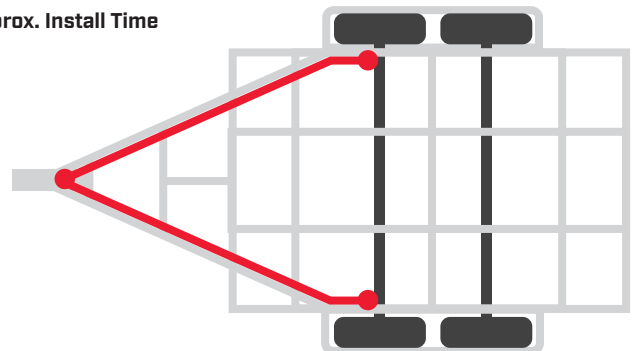


Single Braked Axle - Option 2

- x2 Banjo Banjo braided hose
- x2 Single Banjo bolt
- x1 Double Banjo bolt
- x7 Copper Washer



Approx. Install Time

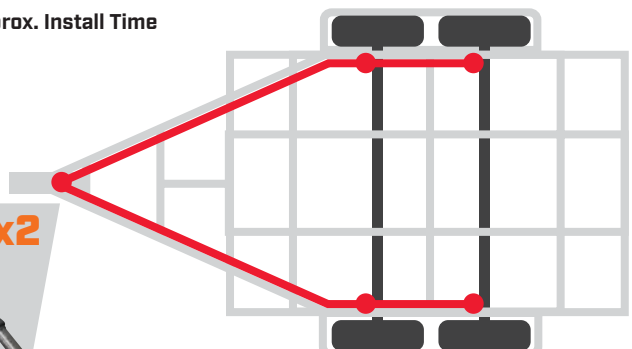
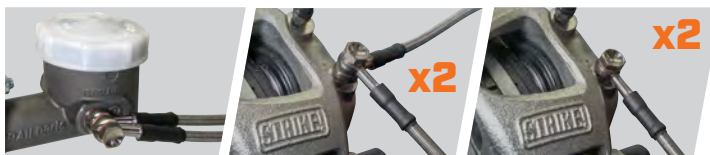


Tandem braked axles

- x4 Banjo Banjo braided hose
- x2 Single Banjo bolt
- x3 Double Banjo bolt
- x13 Copper Washer



Approx. Install Time



BRAKE PARTS & SPARES

BRAKE TUBING

B3185



B3187



B3188



Code	Description	Length
B3185	Copper brake tubing, $\frac{3}{16}$ " x 0.71mm	15m
B3187	Cupro-nickel brake tubing, $\frac{3}{16}$ " x 0.71mm	7.6m

BRAKE CABLE KITS

Trailparts™ brake cable kits are available in many variants of length and material. If the length of cable required is not listed, contact us for a custom solution.

Code	Description	Length
B312610	Adjuster, 4mm cable, & clamps	10m
B312612	Adjuster, 4mm cable, & clamps	12m
B312615	Adjuster, 4mm cable, & clamps	15m
B312610S	Stainless adjuster, 4mm stainless cable, & clamps	10m
B312612S	Stainless adjuster, 4mm stainless cable, & clamps	12m
B312615S	Stainless adjuster, 4mm stainless cable, & clamps	15m
B312710	Adjuster, 4mm cable, & clamps (2x axles braked)	10m
B312712	Adjuster, 4mm cable, & clamps (2x axles braked)	12m
B312715	Adjuster, 4mm cable, & clamps (2x axles braked)	15m

B312610



BRAKE CABLES & KIT PARTS

B3121



B3122



B3123BULK



B3124



Code	Description
B3121	Brake Adjuster, galvanized
B3122	Brake Adjuster, Stainless steel fittings, galvanized body
B3123BULK	4mm galvanized cable, per metre lengths
B3123SBULK	4mm stainless steel cable, per metre lengths
B3124	4mm cable clamps, each

NOTE: See page 170 for a diagram of how to set Brake Cable Kits up.

BRAKING SYSTEMS



BRAKING SYSTEMS



BASIC REQUIREMENTS FOR TRAILER BRAKES

0 – 2000 kg

There is no legal requirement for trailer brakes. If brakes are fitted they must be serviceable. The vehicle/trailer combination must be capable of stopping within 7 m from 30 km/h without damage to the structure of the tow vehicle or the trailer. The towing capacity of the vehicle being used to pull a trailer should be considered when decisions whether to fit brakes to a trailer are being made.

2000 – 2500 kg

Trailers must be fitted with a service brake on at least one axle. Indirect (override) or direct (cab-controlled) type brakes can be fitted. The tow coupling must have a rating at least commensurate with the laden trailer and have either; a) twin crossed safety chains, or b) an electric breakaway brake system. The vehicle/trailer combination must be capable of stopping within 7 m from 30 km/h.

2501 – 3500 kg

Trailers must be fitted with direct (cab-controlled) service brakes, a breakaway brake system and an independent parking brake on at least one axle (capable of holding the vehicle at rest on a slope of 1 in 5). The vehicle/trailer combination must be capable of stopping within 7 m from 30 km/h. This will usually mean that 2 axles will need to be braked. **OR** an indirect brake system (Hygo MKII) that complies with ECER13 can be fitted.

3501 – 10000kg

These trailers are subject to heavy transport regulations and COF testing, and are called TC class trailers. Inertia based controllers are not allowed on these trailers, and direct service brakes must be fitted to each axle, with a handbrake on at least half the number of axles. A braking efficiency of 50% must be achieved, and the same stopping and handbrake performance as detailed for trailers over 2501kg above.

BRAKING SYSTEMS

Indirect Systems

Indirect service brakes are those that operate without input directly from the driver of the tow vehicle. They are usually inertia-activated systems and this is the most commonly used system under 2500 kg. Systems that comply with ECER13 up to 3500kg (Hygo MKII) are an indirect system also.

Direct Systems

Direct service brakes are those that operate as a direct result of braking input from the driver of the tow vehicle. They are load-adjustable and incorporate an emergency override function which operates the trailer brakes independently of the tow vehicle from the driver's seat.

BRAKE TYPES

Disc Brakes

Disc brakes are a rugged, low maintenance braking option and are suitable for all braking applications. They are the only brake that can safely be submerged in water. They are the most efficient trailer brakes, and when higher performance options such as Trailparts™ Patriot versions are specified, assist significantly in reducing stopping distances.

Drum Brakes – Hydraulic

Hydraulic drum brakes are an economical and effective braking option. They are not as efficient as disc type brakes, but suited for use on a wide range of domestic trailers, caravans and horse floats, with their smooth, damped braking action making them ideal for livestock and fragile loads.

Drum Brakes – Electric

Electric drum brakes are an effective and efficient braking option. They are able to be used in both direct and indirect brake systems and are easily mated to a breakaway brake system. Also incorporated is an independent, mechanical parking brake function, required on trailers over 2500kg.

VERRIDE SYSTEMS – INDIRECT

Override brakes are indirect systems, inertia-activated and operated by the weight of the towed trailer. A coil spring in the tow coupling is compressed, applying the brakes proportionate to the degree of spring compression. Available as mechanical disc, hydraulic disc and hydraulic drum type brakes.

Advantages

- Easily towable by multiple vehicles.
- Inexpensive and reliable.
- Low maintenance.

Disadvantages

- Braking not operable in reverse.
- Reversing not possible without first deactivating this system at the tow coupling or alternatively fitting an **Autoback** reversing solenoid – see page 7. **Note:** If the system complies to ECER13 auto-reversing is possible.

ELECTRIC SYSTEMS – INDIRECT

Used with electric drum brakes. A trailer-mounted brake controller is preset to match the load carried on the trailer. Braking is triggered by the vehicle's brake lights being activated, and delivered proportionate to the load setting registered on the controller.

Advantages

- Easily towable by multiple vehicles.
- Includes mechanical parking brake.

Disadvantages

- Braking not as progressive as direct electric brake systems.
- Higher maintenance drum brakes are used.

ELECTRIC SYSTEMS – DIRECT

Used with electric drum brakes, this is the most economical to fit of all the direct braking systems. They are regulated by in-cab brake controllers with an emergency brake override function and adjustable load settings to accurately match braking output with the weight of the load carried. This system is also easily mated to an emergency breakaway brake system required by law when exceeding 2500 kg MTM (Maximum Towed Mass). When the Trailparts Credo controller is specified, the controller is easily switched between multiple tow

Advantages

- Accurate, proportional brake control.
- Includes inbuilt mechanical parking brake.
- Easily connected to breakaway system.

Disadvantages

- Higher maintenance drum brakes are used.

ELECTRIC/HYDRAULIC – DIRECT

Used with electric drum brakes, this is the most economical to fit of all the direct braking systems. They are regulated by in-cab brake controllers with an emergency brake override function and adjustable load settings to accurately match braking output with the weight of the load carried. This system is also easily mated to an emergency breakaway brake system required by law when exceeding 2500 kg MTM (Maximum Towed Mass). When the Trailparts Credo controller is specified, the controller is easily switched between multiple tow

Advantages

- Allows use of hydraulic disc brakes over 2500kg
- Fast braking response time.
- Accurate, smooth, proportional control.
- Braking provided in reverse.
- Simple wiring requirements

Disadvantages

- Requires addition of mechanical parking brake over 2500kg.

VEHICLE TOWING LIMITATIONS

Most towbars fitted to vehicles are rated according to the vehicle manufacturer's recommendations for towing capability. Towing trailers in excess of the vehicle manufacturer's recommendations may void both the vehicle warranty and any insurance claim arising while towing that trailer. Trailequip Ltd strongly recommend that the vehicle manufacturer's rated towing capacity is at least commensurate with that of the laden trailer at all times.



BRAKING SYSTEMS

BRAKED UP TO 2500kg TRAILER MOUNTED CONTROLLER



BS3579



Features;

- Multi-voltage capable input - 12v or 24v.
- Reduces the severity of initial braking by ramping up to full output over 0.5 of a second.
- Fully sealed compact design 65mm x 65mm.
- Designed for use with electric drum brakes on trailers up to 2500kg.
- Suitable for up to 4 wheel electric brakes on pre 2012 vehicles. Newer vehicles single braked axles are recommended.

PROPORTIONAL TRAILER MOUNTED CONTROLLER

BS3578



Features;

- Suited for trailers up to 2500kg.
- Inertia technology gives a smooth and seamless braking experience.
- Accepts inputs from both 12 and 24 volt vehicles.
- Fully sealed compact design 65mm x 65mm.
- Suitable for up to 4 wheel electric brakes on pre 2012 vehicles. Newer vehicles single braked axles are recommended.



BREAKAWAY KITS / PARTS

The Trailparts breakaway kits are popular and reliable, and give trailer users peace of mind through being able to check the condition of the battery. Fitted with a 5A/h battery and inbuilt charger, these kits are suited for use with up to 2 axles braked with electric drum brakes. Breakaway switch is included.

Code	Description
BS35BTK	Trailparts™ Breakaway kit complete with 5A/h battery, inbuilt charger, and breakaway switch. Flip-top design.
BS35BK5AH	Replacement 5A/h battery, 12V
BS3573	Brake away switch only, attaches to trailer draw bar and vehicle.

BS35BTK



BRAKED UP TO 3500kg

AGILITY™ INERTIA BRAKE CONTROLLER - HARDWIRED

The Agility™ brake controller from Hopkins Manufacturing is a proportional, inertia based unit, suitable to be used on trailers up to 3500kg. They include all the features as standard expected of controllers like this, such as self-leveling, short protection, and variable output, but it's their user-friendly nature that has made the Agility™ stand out, with 3 key features that make the difference.

Features;

- 20 levels of brake output adjustment. It's possible to get exactly the correct trailer brake output, and the LCD display presents brake output as a percentage of total braking available from 5% to 99%. Simple and intuitive to understand.
- Vertically operated (rather than horizontal) emergency brake over ride function. Operates with a downwards squeeze in the way a hand normally would land instinctively – crucial in an emergency situation.
- 5 "on the fly" sensitivity settings. A simple one button function that delivers the same total braking output in different initial sensitivity levels. This is great for towing on loose gravel, or in other hazardous road conditions, where too aggressive braking could cause a skid situation easily.

BS3575



LIFETIME WARRANTY



Emergency override function - variable from 5-100%



Adjustment for sensitivity; how the brakes are applied



LCD display of settings and output

CREDOC™

- Tow with **ANY** tow vehicle.
- No vehicle setup required.
- Easily operated by anyone.

See next page for more details



TrailPARTS™
Innovative Trailer Solutions



We do the business.

BRAKING SYSTEMS



**Innovative, wireless
brake control technology**

Easy to use, multi-vehicle brake control for trailers up to 3500kg

The Credo™ brake control system was designed with ease of use in mind, and around the idea that any tow vehicle could be coupled to a Credo™ equipped trailer. Benefits of fitting a Credo™ system are significant, including;

- Remove the high cost of installing in-cab hard wired brake controllers in tow vehicles. No vehicle-side installation is required
- Enjoy the ultimate versatility in multi-vehicle fleets - any vehicle can tow a Credo™ equipped trailer
- Simple and intuitive for customers to use, reducing the chances of operator error
- Allow towing of trailers from with weights of 1000kg to 3500kg
- Hire plant out on trailers, and enjoy the saving on delivery costs while giving customers greater flexibility
- Fully compliant with the requirements of New Zealand Light Vehicle Brakes Rule 32014:2002

Why choose Credo?



The Credo brake controller boasts a number of innovative features, making it the most versatile brake control solution on the Australasian market.



Fully compatible with 12v and 24v vehicles



Easy to use touch screen for simple and intuitive operation, on-the-move adjustments and system troubleshooting



Compatible with electric and electric/hydraulic braking systems

THE ULTIMATE BRAKE CONTROL SYSTEM FOR TRAILERS UP TO 3500KG

- Tow with **ANY** tow vehicle.
- No vehicle setup required.
- Easily operated by anyone.

Although through living here we get used to it, driving in New Zealand is challenging compared to many of our Western counterparts, such as the USA, Canada, and most of Europe. Multi-lane highways and relatively direct other main routes that are well surfaced make travelling any significant distance between centres a straight forward and stress free journey. And who hasn't driven throughout Germany and Italy without being impressed by the engineering feats in viaducts and tunnels dedicated to creating a smooth-flowing roading network with minimal gradients?

By comparison, the lack of a flowing, substantial roading network in New Zealand means the driving environment often involves steep, winding, narrow – and sometimes – gravel roads, which makes it unique. And so is the Kiwi way of doing things. The tradition of boating, driving holidays and DIY means a lot of us are towing trailers with varying loads on these back roads.

So trailer solutions from overseas don't always meet our needs here. Our Trailparts™ range is known for its high quality and innovative approach to trailer running gear, developing high performance products locally that reduce long term cost and avoid annoying user experiences.

The Trailparts™ Credo controller is another of these innovations.

What is the Credo Controller?

The patented Trailparts™ Credo Brake Control system makes it possible for any suitable tow vehicle* to tow a trailer fitted with an Credo module, and the key word here is ANY. The Credo Brake Controllers will;

- Avoid ALL of the costly hard-wiring normally associated with in-cab brake controllers. No direct power feed is required from the tow vehicle's battery to the controller or on trailer module.
- Allow towing of Credo equipped trailers with electric drum brakes AND electric/hydraulic actuators**.
- Give the ability to switch the in-cab portion of the controller between tow vehicles. It's fast and easy to legally tow trailers (between 2501kg and 3500kg) with any suitable vehicle.
- Allow towing to occur with ANY 12v or 24v vehicle without costly reducers being required in the electrical system, and also eliminates over-voltage damage commonly inflicted on braking systems of this type. The entire Trailparts™ Credo brake control system is multi-voltage capable.
- Eliminate ANY difficulty or interference associated with vehicle wiring systems, such as CANbus and Fibre Optics, that are becoming more and more challenging to work with when equipping tow vehicles to be able to tow TB class trailers over 2500kg.
- Operate through ANY standard trailer electrical plug, whether 7 pin flat, 7 pin round, or 12 pin flat – all are capable of operating these controllers.
- Deliver braking when travelling in reverse.

IF IT SOUNDS SIMPLE – THAT'S BECAUSE IT IS!

*Any tow vehicle with an operational standard power socket.

**Sens-a-brake™ & Hydrastar XL™ actuators are not suitable for use with Trailparts™ Credo controllers.



How does the Credo Controller work?

The Trailparts™ Credo brake control system really is simple, and is made up of three parts.

In-vehicle Credo controller: This plugs into a standard vehicle power socket, and communicates wirelessly with the on-trailer module to regulate braking effort generated. It is multi-voltage capable, and can therefore be used in any suitable tow vehicle, and has four key functions:

- Allows the on-trailer module to be programmed to deliver the pre-set desired level of braking according to the load carried, and is variable in 20 braking levels from 5% through to 100%. The effort generated in each braking cycle is also displayed in a digital readout as a percentage, making setting and adjusting the braking effort delivered to the trailer simple and intuitive on-the-fly.
- Has five sensitivity adjustment settings, which alters how quickly the pre-set braking level is applied on the trailer. A lower setting, for example, gradually ramps up the braking force, and makes the Credo controller ideal for livestock or horse float applications.
- Features an emergency switch that engages the trailer brakes only independent of the tow vehicle, which can be used to control trailer snaking or sway.
- Incorporates an audible warning system for when a fault occurs.



On-Trailer Credo Module: This is mounted on the trailer, parallel with the direction of travel. It houses a microprocessor and accelerometer, which senses the rate that the stop is occurring, and applies more or less braking to the trailer wheels accordingly. It is multi-voltage capable, and can be towed by any suitable tow vehicle; its power source being the battery supplied as part of the breakaway kit, below. It is housed in an IP67 rated alloy enclosure, with the internal components fully encased in resin for shock and water ingress protection, which makes them suitable for exposed mounting.

Breakaway Kit: As with most braking systems for TB class trailers, the breakaway kit ensures power is applied to the trailer brakes in the event of a tow vehicle separation. However, with the Credo brake control system, the breakaway battery is also used as the source of power to operate the on-trailer Credo module. This in turn is trickle charged by drawing power from the trailer tail lamp circuit, which means that the towing vehicle must have its lights on when towing with an Credo controller.



Credo Brake Controller

Wireless In-cab Controller

- Includes components as shown.
- Instruction manual for touch screen controller.

Code	Description
BSCICA	Credo In-Cab Controller with case & accessories
BSCI	Credo In-Cab Controller only
BSC-CASE	Carry case only
BSC-A	USB Adapter for Credo
BSC-H	Handpiece holder for Credo
BSC-AVH	Airvent holder for Credo



Credo Brake Controller for Electric Drum Brakes

- Includes components as shown.
- Suitable for use with Electric Drum brakes up to 2 axles.



Credo Brake Controller for Hydraulic Brakes

- Includes components as shown.
- Suitable for use with Hydrastar™ or Brakerite™ actuators.

Code	Description
BSCH-H16	Credo Hydraulic Kit with Hydrastar Standard
BSCH-HM	Credo Hydraulic Kit with Hydrastar Marine

Other brands of Hydraulic actuators may be suitable for use with the Trailparts™ Credo Controller range. Contact us for more information on which actuators are suitable for this.



Credo Brake Controller Pre-Assembled Kits

- Quick & easy to install.
- Built in On-trailer Credo Module.
- Built in On-trailer Hydrastar Actuator.
- Built in 12v 12/14Ah Battery.
- Includes alloy base plate for mounting.
- Includes In-cab controller with case & accessories.

Code	Description
BSCHPA-HS	Pre-Assembled Credo with Hydrastar Standard
BSCHPA-HM	Pre-Assembled Credo with Hydrastar Marine



Galvanised Mounting Bracket For Pre-Assembled Unit

- Great for a bow post mount on marine trailers.
- Pre-assembled alloy base plate can be bolted directly.
- Full galvanised steel for anti-corrosion.
- Lockable galvanised strap.



BRAKE ACTUATORS - HYDRASTAR

The Hydrastar electric over hydraulic (EOH) trailer brake actuator gives you the reliability and confidence you expect and need from your trailer braking system. With Hydrastar you get the fastest response time for shorter stopping distance, so in emergency situations and in your day to day towing, you can control those precious fractions of a second that matter when it comes to stopping your trailer. Hydrastar has taken the electric over hydraulic trailer brake actuator to the next level with the new Marine line. Trailparts know better than anyone the need for an actuator that would withstand salt water and the coastal NZ environment, as well as the harshness of extreme temperatures and the thousands of kms of traveled roads.

The already rugged and reliable Hydrastar actuator stands up to harsh environments and still performs at peak levels. Like the standard Hydrastar, the Marine unit is a sealed, extruded anodized aluminum unit. This allows the actuator to be less susceptible to corrosion and protects the internal components from the environmental elements. Other features added to the Marine actuator are marine grade gaskets that seal the housing unit, stainless steel hardware, and a vented end plate. The vented end plate allows the release of both moisture, pressure, and temperature from inside the housing unit, thus further protecting the internal components.

BS3555M



Features;

- Sealed, extruded, anodized aluminum housing
- Trailer mounted
- EPDM Gaskets
- Stainless steel hardware
- 12 V DC operation
- Solid state electronics
- Uses DOT 3 or DOT 4 brake fluid
- Easy to install, 4 12ga wires
 - Black** - constant power
 - Blue** - brake controller
 - White** - ground
 - Yellow** - Break-Away

RESISTOR MODULE CONTROLLER ADAPTER MODULE

Some brake controllers, factory installed or aftermarket, do not recognize electric over hydraulic (EOH) brake technology, resulting in an error code on the tow vehicle or an inoperable Hydrastar.

The Hydrastar Controller Adapter Module (CAM) circumvents the lack of technology in some brake controllers to allow the Hydrastar hydraulic trailer brake actuator to communicate with the tow vehicle, resulting in proper brake function. By installing the Hydrastar CAM, the Hydrastar line of hydraulic trailer brake actuators are compatible with all tow vehicle brake controllers.

The Hydrastar CAM is easy to install, with only 2 wires, has a sealed, anodized aluminum housing to protect the internal components from all weather conditions, and can be easily installed at any convenient location on the trailer.

Code	Description
BS3555M	Hydrastar 1200psi actuator - Marine
BS3557	Hydrastar 1600psi actuator

BS3554



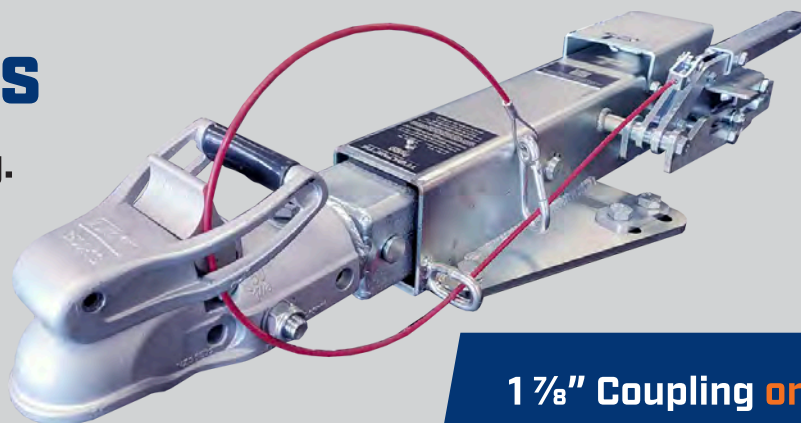
**NEW
INNOVATION**

hygo.
MkII

3.5T HYDRAULIC OVER-RIDE BRAKES

- Easy multiple vehicle towing.
- No in-cab wiring required.
- Supports NZ products / industry.
- Unihub compatible.

NO ELECTRICS REQUIRED



**1 7/8" Coupling or
Autofit Coupling**
(1 7/8" and 50mm)

Why Hygo?

The Trailparts Hygo Mk II Kit includes everything you need to equip trailers up to 3500kg with a fully compliant, high performance brake system. It's a plug-and-play system that's fast and easy to fit, and offers several advantages over EU and NZ alternatives.

Core Benefits of the Hygo MkII

Two Tier Offering

Trailparts Hygo MkII can be used with both hydraulic drum brakes, or our high performance Patriot disc brakes.

Off the shelf components

Nobody wants to mess around with expensive, hard to find spares and parts, a big problem with EU imports. This system uses Trailparts core off the shelf components offering customers fully customised builds with ready available parts.

Brake-away Function

In the event of a vehicle separation, the break-away feature on our coupling will immediately apply the brakes.

Parking Brake & Auto-Reverse

The Hygo MkII has an effective, easy to install parking brake and features auto-reverse to release the brake when the tow vehicle is change to reverse.

Unihub Compatible

Unihub is our latest innovation and an all new hub design for the NZ market. Low maintenance, bigger safety margins. Ask now more more details.

Multiple tow vehicles

With no in-cab wiring, trailers fitted with the Hygo MkII can be towed without brake controllers.



BRAKING SYSTEMS

Handbrake & Breakaway System

A stand-alone cable brake system provides a parkbrake function that doubles as an emergency brake that activates in the event of a tow vehicle separation.

Wheel Specification

Testing and certification of the Trailparts Hygo system use tyres that are 195mm wide. Wheel diameters between 525mm and 670mm can be used.

Trailparts™ Coupling with 1.75" head or our Trailparts™ Autofit for both 1.75" and 50mm

We have locally engineered robust hard wearing couplings. These have a damped braking action and breakaway function. We give two cast head options; a 1.75" one, and an all-new Trailparts™ Autofit head that can be used on 1.75" and 50mm towballs.

Hygo MkII has two brake options available

Trailparts Hydraulic 10" Drum

These brakes are highly effective while being a very economic brake option

Trailparts Patriot Disc with 230mm Vented Rotor

High performance is available, when these disc brakes are fitted. The excess of performance available means minimal wear, and they are self adjusting. They also have an inbuilt park brake lever function.

Braided stainless brake hose system

Braided stainless brake lines are specified throughout.

Brake hoses are incredibly fast to fit, and can be done with simple tools and nonspecialized labour.

High performance hydraulic brakes

Hygo couplings feature a 1" bore master cylinder fitted with Autoback reversing solenoid. Allowing easy reversing as required by EU laws.

Advantages over EU import trailers:

- Less down time: parts are NZ designed, and replacement parts such as brake pads are available off-the-shelf.
- Lower lifetime costs: replacement parts cost less compared to pricey EU parts. And low-maintenance disc brakes are used instead of the cable and shaft mechanical drum brakes used on all EU trailers.
- Customisation is possible: trailers can still be completely customised and designed to suit your application – and not restricted to the designs that importers want to sell you from their stock.

Need help with exemptions?

We can help guide you through the process of applying for an exemption for the Hygo system. And if you're producing multiple trailers to the UN/ECE R13 standard using the Hygo system, we can advise you on streamlining the process significantly. Just another way we do the business, so you can get on with yours. **Get in touch to find out more.**

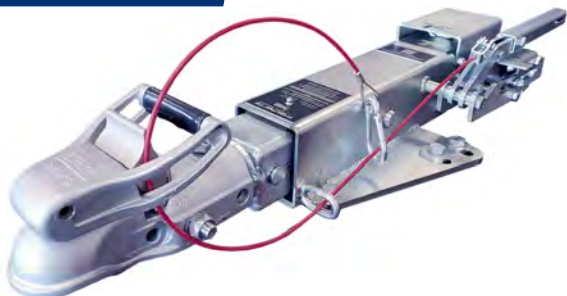
BRAKING SYSTEMS

HYGO MKII - CORE COMPONENTS



hygo.
MkII

C2000-15A



C2000S-15A



B3312



B3322



Code	Description
C2000-15A	Hygo mkII Coupling - Autofit, Autoback
C2000S-15A	Hygo mkII Coupling - Straight mount drawbar - Autofit, Autoback
B3312	Hygo mkII Brake Assembly Kit - Hydraulic Drum (x2 axles)
B3322	Hygo mkII Brake Assembly Kit - Hydraulic Patriot Disc (x2 axles)
B312000EX	Spare Bowden cable for Hygo mkII drum brakes

Note: The Hygo mkII requires x2 axles to be braked on both tandem and tri-axle trailers.

PRO TIP

For Hydraulic brakeline hose lengths & parts refer to pages 50 - 51.

Kantana 14" Alloy Rims to make your trailer stand apart

- Unihub Compatible
- +10mm Offset
- Hygo MkII Compatible
- Black
- Gunmetal
- Shadow

See more on page 123



TrailParts
Innovative Trailer Solutions



We do the business.

BRAKING SYSTEMS

HYGO MKII - HUB/BRAKE OPTIONS



hygo.
MkII

10" Drum



Patriot Disc



As a requirement of compliance, axles for Hygo mkII hydraulic over-ride braking system must be manufactured by Trailparts. At least two axles must be braked in this set-up.

NOTE: To order custom axles for the Hygo mkII system, see pages 162-163.

Hub & Stub set complete	Hub Type	Rating	Stud Pattern	Brake Type	Page Ref.
HU5532H	Unihub	1800kg	5 x 4 1/2"	10" Hydraulic Drum	Page 26
HU5537H	Unihub	1800kg	6 x 5 1/2"	10" Hydraulic Drum	Page 26
H5532E	Tapered Cup/Cone	1500kg	5 x 4 1/2"	10" Hydraulic Drum	Page 37
H5532HE	Tapered Cup/Cone	1750kg	5 x 4 1/2"	10" Hydraulic Drum	Page 37
HU4422H	Unihub	1800kg	5 x 4 1/2"	Patriot 235mm Vented	Page 27
H4422E	Tapered Cup/Cone	1500kg	5 x 4 1/2"	Patriot 235mm Vented	Page 32
H4422HE	Tapered Cup/Cone	1750kg	5 x 4 1/2"	Patriot 235mm Vented	Page 32
H4482E	Tapered Cup/Cone	2500kg	5 x 4 1/2"	Patriot 290mm Vented	Page 33

Note: Other stud patterns not listed are available on request. See page 164 to ensure you are ordering the correct stud pattern, as drillings to suit non-standard wheels are non returnable.

HYGO MKII - WHEEL OPTIONS

As a requirement of compliance, trailers fitted with the Hygo mkII must have wheels with a 195mm tire width and a tire diameter between 525mm-670mm.

NOTE: For Aluminum Kantana rim options as shown on the previous page, please refer to page 123

X3754



Wheel Assy	Tyre Only	Rim Only	Tyre Size	Rim Size	Rim Offset	Stud Pattern	Capacity	Diameter
X3754	X3754T	X3742	195R14C	14 x 6"	+10	5 x 4 1/2"	950kg	668mm
X3754C*	X3754TC	X3742	195/60R14	14 x 6"	+10	5 x 4 1/2"	850kg	580mm
X3758	X3758T	X3741A	195/50R13C	13 x 5"	+5	5 x 4 1/2"	900kg	525mm

Note: It is Trailparts recommendation X3754C is to be used with tri-axle trailer only.

SUSPENSION



SUSPENSION



SUSPENSION

610MM STANDARD EYE/SLIPPER SPRINGS

These multi-leaf springs are available in either painted or zinctech finishes. They are able to be purchased as spring pairs only or as sets with a complete fitting kit. Fitting kits include hangers, slippers, eye-bolts, plates and U-bolts with galvanized nyloc nuts/washers.

Spring leaves are 50mm wide x 6mm thick.

Features a wrapped second leaf for extra eye support

Spring and suspension dimensions can be found on pages 173-177.

Spring Set	Springs Only (pair)	Finish	Capacity	Leaves
S3212	S3202	Black	500kg	2
S3213	S3203	Black	750kg	3
S3214	S3204	Black	1000kg	4
S3215	S3205	Black	1250kg	5
S3216	S3206	Black	1500kg	6
S3218	S3208	Black	1750kg	8
S3232	S3222	Zinctech	500kg	2
S3233	S3223	Zinctech	750kg	3
S3234	S3224	Zinctech	1000kg	4
S3235	S3225	Zinctech	1250kg	5
S3236	S3226	Zinctech	1500kg	6
S3238	S3228	Zinctech	1750kg	8

S3206



Fittings



PRO TIP

Fittings as shown are supplied when Spring Sets are ordered. **Round U-bolts** are available on request.

610MM DEEP SERIES EYE/SLIPPER SPRINGS

These multi-leaf springs are only available with a Zinctech finish. They are able to be purchased as spring pairs only or as sets with a complete fitting kit. Fitting kits include hangers, slippers, eye-bolts, plates and U-bolts with galvanized nyloc nuts/washers.

Spring leaves are 50mm wide x 7mm thick.

Features a wrapped second leaf for extra eye support

Spring and suspension dimensions can be found on pages 173-177.

Spring Set	Springs Only (pair)	Finish	Capacity	Leaves
S3232V7	S3222V7	Zinctech	600kg	2
S3233V7	S3223V7	Zinctech	900kg	3
S3234V7	S3224V7	Zinctech	1200kg	4
S3235V7	S3225V7	Zinctech	1500kg	5
S3236V7	S3226V7	Zinctech	1800kg	6
S3237V7	S3227V7	Zinctech	2100kg	7
S3238V7	S3228V7	Zinctech	2400kg	8

S3225V7



Fittings



700MM LONG SERIES EYE/SLIPPER SPRINGS

These multi-leaf springs are available in either painted or Zinctech finishes. They are able to be purchased as spring pairs only or as sets with a complete fitting kit. Fitting kits include hangers, slippers, eye-bolts, plates and U-bolts with galvanized nyloc nuts/washers.

Spring leaves are 50mm wide x 7mm thick.

Features a wrapped second leaf for extra eye support

Spring and suspension dimensions can be found on pages 173-177.

Spring Set	Springs Only (pair)	Finish	Capacity	Leaves
S3215L	S3205L	Black	1500kg	5
S3216L	S3206L	Black	1800kg	6
S3217L	S3207L	Black	2100kg	7
S3218L	S3208L	Black	2400kg	8
S3235L	S3225L	Zinctech	1500kg	5
S3236L	S3226L	Zinctech	1800kg	6
S3237L	S3227L	Zinctech	2100kg	7
S3238L	S3228L	Zinctech	2400kg	8

S3205L



Fittings



PRO TIP

Fittings as shown are supplied when Spring Sets are ordered. **Round U-bolts are available on request.**

770MM PARABOLIC SPRINGS

These parabolic springs are ideally suited to marine applications, as they have a Zinctech finish and water cannot be trapped between spring leaves. The 2000kg model has two leaves. They are able to be purchased as spring pairs only or as sets with a complete fitting kit. Fitting kits include hangers, slippers, eye-bolts, plates and U-bolts with galvanized nyloc nuts/washers.

Spring width is 45mm. (Thickness as below)

Spring and suspension dimensions can be found on pages 173-177.

Spring Set	Springs Only (pair)	Finish	Capacity	Leaf Thickness at centre
S3286	S3281	Zinctech	600kg	13mm
S3287	S3282	Zinctech	1000kg	15.5mm
S3288	S3283	Zinctech	1400kg	18mm

S3282



Fittings



PRO TIP

2000kg parabolic option available as a dual leaf spring on request.



DURATORQUES

Duratorques are most commonly used in applications where a low ride height is required. Rubber cords are housed in a box section which a centralized shaft turns against to provide the suspension. With the exception of the rubber cords and stub axle, all the other components are either zinc plated or galvanized. Duratorques are self-contained and therefore when mounted on a trailer **act independently of each other**.

Both disc braked and non-braked hubs are able to be fitted to Duratorques. From July 2011, the 1000kg and 1500kg models were fitted with a removable stub. The 2200kg model does not have this feature.

When mounted on a trailer, Duratorques should have the suspension arm trailing. Because they are an independant suspension and can be subject to higher point loading, when used in tandem or tri-axle set up, the maximum load capacity must be reduced by 25%. For example, 2pr of 2200kg Duratorques will have a maximum load rating of 3300kg. Likewise, the maximum distance between the tyres should not exceed 150mm, and be kept to a minimum.

A distance of no less than 120mm should be kept between the top of the tyres and the mudguards when the Duratorques are new and have no load applied.

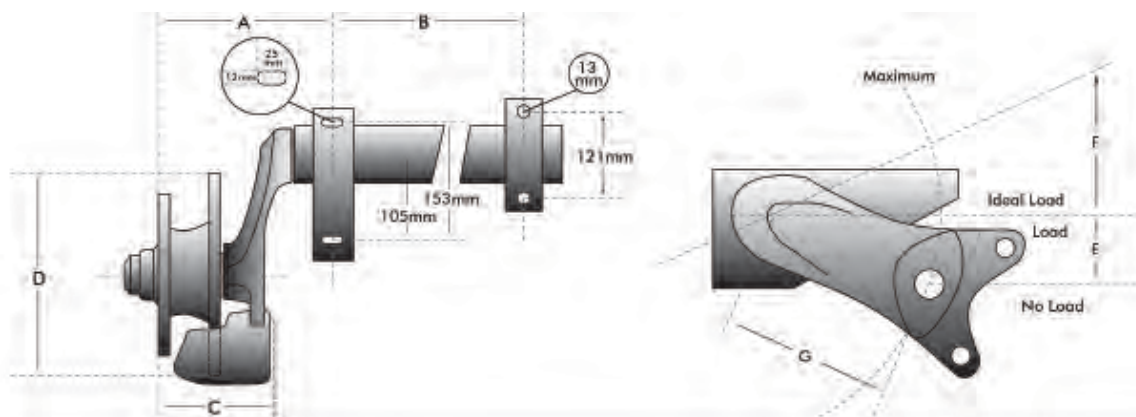


Fig.	Type	1000kg	1500kg	1750kg	2200kg
A	2 Piece Type	220mm	220mm	220mm	210mm
A	2 Piece Retro	200mm	200mm	200mm	N/A
A	Full Beam	220mm	220mm	220mm	210mm
B	2 Piece Type	340 - 440mm	340 - 440mm	340 - 440mm	340 - 440mm
B	Full Beam	To Order	To Order	To Order	To Order
C	Disc Braked - All	163mm	163mm	163mm	165mm
D	Disc Braked - All	225mm	225mm	225mm	275mm
E	All Types	60mm	60mm	60mm	60mm
F	All Types	60mm	60mm	60mm	60mm
G	All Types	145mm	145mm	145mm	145mm

Code (pair)	Type	Capacity (pr)
S3623	Non-Braked / Disc Braked	1000kg
S3624	Non-Braked / Disc Braked	1500kg
S3625	Non-Braked / Disc Braked	2200kg

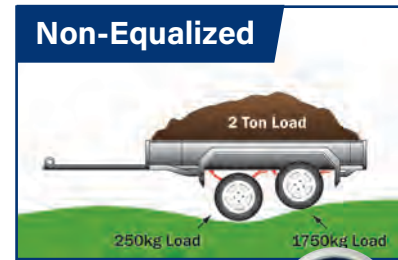
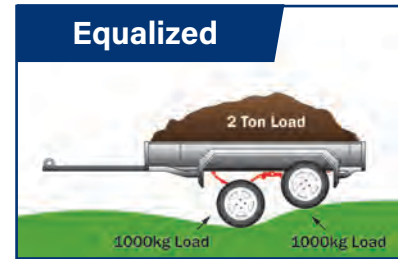
S3624



TANDEM SUSPENSION GUIDELINES

Equalizing Suspension - This type of suspension utilizes a rocker arm between the front and rear axles which assist in always distributing the trailer weight equally over two axles. This helps to avoid axle overloading and will prolong axle, hub and bearing life. It will also enhance the towing characteristics of the trailer.

Non-Equalizing Suspension - This type of suspension is essentially two single axles mounted in tandem using either eye/slipper multi-leaf springs or torsion type suspensions. Load sharing is not achieved to the same extent as equalizing suspensions types but is an adequate and economical tandem suspension option especially when being used solely on-road. Note that any non-load sharing suspensions require that the capacity of each axle is de-rated by 25% to avoid bearing and suspension failure from periodic point loading, as shown below.



610MM EYE/SLIPPER EQUALIZING SUSPENSION



The Trailparts eye/slipper equalizing suspension is a tried and proven performer in many tandem trailer applications and is the preferred suspension choice of many OEM trailer builders. A minimum of pivot points ensures a prolonged, low maintenance suspension life and this, along with the cast centre-rocker arm, gives an effective and high-strength tandem suspension solution.

Spring leaves are 50mm wide x 6mm thick.

Features a wrapped second leaf for extra eye support

Spring and suspension dimensions can be found on pages 173-177.

S3345



Spring Set	Finish	Capacity	Leaves
S3343	Black	1500kg	3
S3344	Black	2000kg	4
S3345	Black	2500kg	5
S3346	Black	3000kg	6
S3348	Black	3500kg	8
S3353	Zintech	1500kg	3
S3354	Zintech	2000kg	4
S3355	Zintech	2500kg	5
S3356	Zintech	3000kg	6
S3358	Zintech	3500kg	8

NOTE: Order springs only from page 57.

PRO TIP

New rocker arm assembly available on request with both eyes centered and slippers at front & rear. See page 79.

Fittings



Eye Support



Hangers



Heavy Center Hangers

Available on request. Add H to codes listed in table i.e. S3345H



SUSPENSION

700MM LONG SERIES EYE/SLIPPER EQUALIZING SUSPENSION



The Trailparts 700mm eye/slipper equalizing suspension uses the same components as the 610mm eye/slipper equalizing suspension, but utilizes longer springs. The longer springs have thicker leaves enabling heavier loads to be carried and larger diameter wheels to be used, such as 15" and 16". A minimum of pivot points ensures a prolonged, low maintenance suspension life and, this, along with the cast centre-rocker arm, gives an effective and high-strength tandem suspension solution.

Spring leaves are 50mm wide x 7mm thick.

Features a wrapped second leaf for extra eye support

Spring and suspension dimensions can be found on pages 173-177.

S3345L



Spring Set	Finish	Capacity	Leaves
S3345L	Black	3000kg	5
S3346L	Black	3600kg	6
S3347L	Black	4200kg	7
S3348L	Black	4800kg	8
S3355L	Zintech	3000kg	5
S3356L	Zintech	3600kg	6
S3357L	Zintech	4200kg	7
S3358L	Zintech	4800kg	8

NOTE: Order springs only from page 58.

PRO TIP

New rocker arm assembly available on request with both eyes centered and slippers at front & rear. **See page 79.**

Fittings



Eye Support



Hangers



Heavy Center Hangers

Available on request.
Add H to codes listed in table i.e. S3345LH

CREDO

**Innovative, wireless
brake control technology**

See more on pages 58-61

- Easy to use, multi-vehicle brake control for trailers up to **3500kg**
- Touch screen for simple and intuitive operation
- Fully compatible with 12v and 24v vehicles





610MM EYE/EYE EQUALIZING SUSPENSION

Trailparts 610mm eye/eye equalizing suspensions feature double eye springs connected by link plates to a centre rocker arm. This offers an increased degree of travel or oscillation as compared to the eye/slipper equalising type configuration. These springs have offset locator bolts, meaning axle spacings are able to be adjusted easily if required. They are commonly used on horse-floats due to their superior ride characteristics but are suited for use on all types of trailers including off-road and marine applications.

Spring leaves are 50mm wide x 6mm thick.

Features a wrapped second leaf for extra eye support

Spring and suspension dimensions can be found on pages 173-177.

S3365



Spring Set	Springs Only (pr)	Finish	Capacity	Leaves
S3363	S3303	Black	1500kg	3
S3364	S3304	Black	2000kg	4
S3365	S3305	Black	2500kg	5
S3366	S3306	Black	3000kg	6
S3368	S3308	Black	3500kg	8
S3373	S3313	Zinctech	1500kg	3
S3374	S3314	Zinctech	2000kg	4
S3375	S3315	Zinctech	2500kg	5
S3376	S3316	Zinctech	3000kg	6
S3378	S3318	Zinctech	3500kg	8

Fittings



Eye Support



PRO TIP

Fittings as shown are supplied when Spring Sets are ordered. **Round U-bolts are available on request.**

**NEW
INNOVATION**

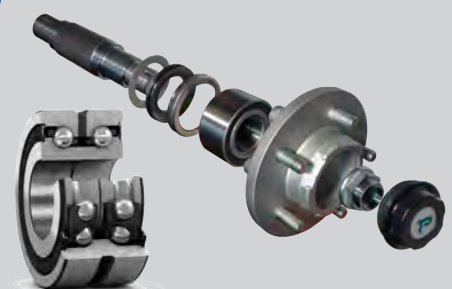
unihub.

Low Maintenance & Servicing Cost

- External secondary seals.
- Optimised wheel end design for safer towing.
- Hygo MkII Compatible.

See more on pages 23-27

**SEALED-FOR LIFE
UNITISED BEARING**



TrailParts™
Innovative Trailer Solutions



We do the business.

SUSPENSION

525MM EYE/EYE EQUALIZING SUSPENSION

Because these 525mm springs are shorter than the 610mm series above, it makes them ideal for applications where smaller wheels such as 12" and 13" are used. They also have offset locator bolts, meaning axle spacings are able to be adjusted easily if required. They are commonly used on horse-floats due to their superior ride characteristics but are suited for use on all trailers including off-road and marine applications. **Spring leaves are 50mm wide x 6mm thick.**

Spring and suspension dimensions can be found on pages 173-177.

S3381



Spring Set	Springs Only (set/4)	Finish	Capacity	Leaves
S3380	S3384	Zinctech	2000kg	4
S3381	S3385	Zinctech	2500kg	5
S3382	S3386	Zinctech	3000kg	6

Fittings



TURN NIGHT INTO DAY



JOLT®
WORKING LIGHT

Steven Butel Machinery Operator

📍 Port Whangarei ⌚ 5am

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PH 0800 487 245 | sales@trailparts.co.nz | www.trailparts.co.nz

610MM EYE/SLIPPER TRI-AXLE EQUALIZING



This suspension uses the components from the Trailparts 610mm Eye/Slipper Equalizing Suspension but adds an extra axle. Simple to fit and with a minimum of pivot points ensures a low-maintenance high-strength tri-axle suspension option.

Features a wrapped second leaf for extra eye support

Spring and suspension dimensions can be found on pages 173-177.

S3345T



Spring Set	Finish	Capacity	Leaves
S3344T	Black	3000kg	4
S3345T	Black	3750kg	5
S3346T	Black	4500kg	6
S3348L	Black	5250kg	8
S3354T	Zinotech	3000kg	4
S3355T	Zinotech	3750kg	5
S3356T	Zinotech	4500kg	6
S3358T	Zinotech	5250kg	8

NOTE: Order springs only from page 57.

PRO TIP

Fittings as shown are supplied when Spring Sets are ordered. Round U-bolts are available on request.

Fittings



Eye Support



Hangers



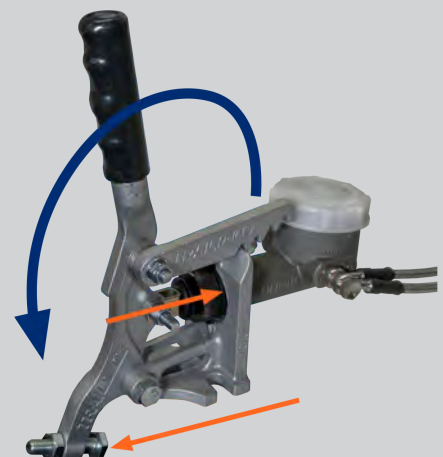
Heavy Center Hangers

Available on request.
Add H to codes listed in table i.e. S3345LH

NEW INNOVATION

Quick-Release Flipper Spring

When the trailers brakes are engaged the spring flicks up the lever off the backframe.



SINGLE AXLE FITTING KITS

Complete fitting kit with hangers, slippers, axle plates, eye-bolts, U-bolts, washers and nuts.

Code	Suits Spring	Suits Spring W	Suits Spring Eye Ø	U-Bolt Internal Dimensions
S3630	2-3 Leaf	50mm	16mm	105 x 51mm x M12
S3631	4 Leaf	50mm	16mm	115 x 51mm x M12
S3632	5-6 Leaf	50mm	16mm	125 x 51mm x M12
S3633	7-8 Leaf	50mm	16mm	135 x 51mm x M12
S3636	7-8 Leaf	50mm	16mm	185 x 67mm x M12
S3650	Parabolic	45mm	12mm	105 x 51mm x M12



TANDEM AXLE EYE/SLIPPER CONVERSION KITS

Rocker kit including 2 x rocker arms, 2 x centre hangers, 2 x M20x130mm bolts/nuts, and 2 x M8x90mm bolts/nuts. Ideal for converting a tandem trailer with 50mm wide non-equalizing springs to an equalizing configuration.

Heavy Center Hangers

Available on request.

Add H to codes listed in table i.e. S3660H

Hangers



S3660



PRO TIP

New rocker arm assembly available on request with both eyes centered and slippers at front & rear. See page 79.

TANDEM AXLE EYE/SLIPPER FITTING KITS

Complete eye/slipper equalising rocker kit with 2 x end and 2 x centre hangers, 2 x slippers, 2 x rocker arms, 2 x M20x130mm bolts/nuts, and 2 x M8x90mm bolts/nuts, 4 x M16x90mm bolts/nuts, 4 x plates, and 8 x U-bolts/nuts.

Code	Suits Spring	Suits Spring W	Suits Spring Eye Ø	U-Bolt Internal Dimensions
S3662	2-3 Leaf	50mm	16mm	105 x 51mm x M12
S3663	4 Leaf	50mm	16mm	115 x 51mm x M12
S3664	5-6 Leaf	50mm	16mm	125 x 51mm x M12
S3665	7-8 Leaf	50mm	16mm	135 x 51mm x M12

S3664



Heavy Center Hangers

Available on request.

Add H to codes listed in table i.e. S3664H

Hangers



PRO TIP

New rocker arm assembly available on request with both eyes centered and slippers at front & rear. See page 79.

TANDEM AXLE EYE/EYE OVERHAUL KITS

Eye/eye equalising suspension overhaul kit with 2 x centre hangers, 2 x rocker arms, 4 x plain and 4 x hex-tab link plates.

S3670



TANDEM AXLE EYE/EYE FITTING KITS

Complete eye/eye equalising suspension fitting kit with 4 x end and 2 x centre hangers, 2 x rocker arms, 4 x hex and 4 x plain linking plates, 14 x M16x90mm bolts/nuts, 4 x plates, and 8 x U-bolts/nuts.

S3674



Code	Suits Spring	Suits Spring W	Suits Spring Eye Ø	U-Bolt Internal Dimensions
S3672	3 Leaf	50mm	16mm	105 x 51mm x M12
S3673	4 Leaf	50mm	16mm	115 x 51mm x M12
S3674	5-6 Leaf	50mm	16mm	125 x 51mm x M12
S3675	8 Leaf	50mm	16mm	135 x 51mm x M12

SUSPENSION MOUNT BEAMS

These are designed to make retro-fitting new suspensions to existing trailers easier. Commonly used on trailers when a new suspension is required and welding new mounts direct to a galvanized chassis is not a preferred option. They also enable easy adjustment of suspension placement when establishing the right location before fixing them permanently to the chassis. Manufactured from 50 x 50 x 5mm angle and available in bare steel or hot-dip galvanized options. Supplied as pairs.

Single Axle Suspension - Mount Beam

Code	Suits Spring	Suits Spring
S3470G	Galvanized	610mm Eye/Slipper
S3471G	Galvanized	700mm Eye/Slipper
S3472G	Galvanized	610mm Deep Series Eye Slipper
S3473G	Galvanized	770mm Parabolic

S3470G



Tandem Axle Suspension - Mount Beam

Code	Suits Spring	Suits Spring
S3475G	Galvanized	610mm Eye/Slipper
S3476G	Galvanized	700mm Eye/Slipper
S3478G	Galvanized	610mm Eye/Eye
S3479G	Galvanized	525mm Eye/Eye

S3475G



SUSPENSION

SUSPENSION COMPONENTS

S3402



45mm Hanger

Suits all 45mm wide leaf springs with 12mm eye bolt.

S3404



50mm Hanger

Suits all 50mm wide leaf springs with 16mm eye bolt.

S3680



Eye/Slipper Rocker Hanger

Suits eye/slipper rocker arm (S3681). Internal dimensions 85W x 80D x 20Ø

S3408



45mm Slipper

Suits all 45mm wide leaf springs. Has provision for an anti-rattle leaf.

S3409D



50mm Slipper

Suits all 50mm wide leaf springs. Has provision for an anti-rattle leaf.

S3686



Plain Link Plate

Galvanized plain Link Plate. Suits Eye/Eye suspensions. 75mm hole centres.

S3684



Eye/Eye Rocker Hanger

Suits eye/eye rocker arm (S3685) and eye/roller arm (Trailparts™). New design prevents rocker over-centering. Internal dimensions 52W x 155D x 16mmØ

S3680H



Heavy Eye/Slipper Rocker Hanger

Suits eye/slipper rocker arm (S3681). Heavy 10mm hanger construction with striker plates.

S3687



Hex Link Plate

Galvanized hex Link Plate stops bolt head turning while fastening. Suits Eye/Eye suspensions. 75mm hole centres.

Kantana 14" Alloy Rims to make your trailer stand apart

- Unihub Compatible
- +10mm Offset
- Hygo MkII Compatible

- Black
- Gunmetal
- Shadow

See more on page 123



ROCKER SUSPENSION COMPONENTS

S3681



Eye/Slipper Rocker Arm

Suits Eye/Slipper suspensions with 50mm wide springs. High strength cast steel. Galvanized finish.

S3683



Eye/Eye Rocker Arm

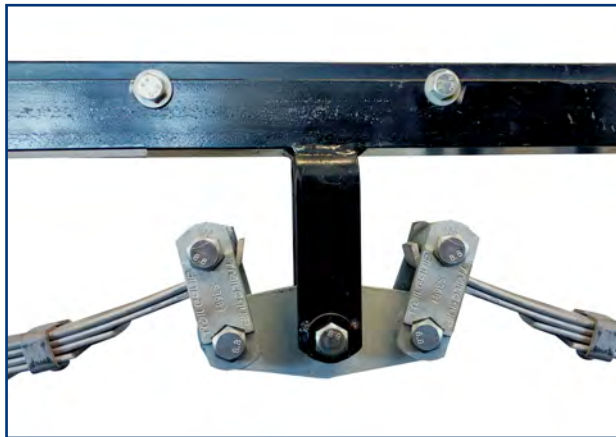
Suits Eye/Eye suspensions. Galvanized finish.
Outer hole centres: 200mm
Outside centre to centre: 100mm

S3685



Eye/Eye Rocker Arm

Suits Eye/Eye suspensions. Galvanized finish.
Outer hole centres: 150mm
Outside centre to centre: 75mm



NEW INNOVATION

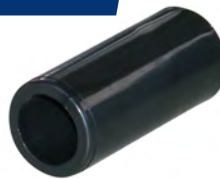


SUSPENSION BUSHES

S3682



S3425



S3428



Code	Suits	Length	ID (mm)	OD(mm)
S3682	Eye/Slipper Rocker Arm (Pair)	37mm	20.5mm	25.4mm
S3425	Trailparts 50mm wide springs, Eye/Eye Rocker Arm & 525/610/700mm springs	50mm	16.2mm or 5/8"	22.3mm or 7/8"
S3426	770mm Parabolic Springs	45mm	13mm or 1/2"	19.2mm or 3/4"
S3427	765mm Eye/Slipper Springs	45mm	13mm or 1/2"	22.3mm or 7/8"
S3428	660mm Eye/Slipper Springs	45mm	14.8mm or 9/16"	17.7mm or 11/16"



SUSPENSION

SUSPENSION BOLTS

Code	Size	Suits	Notes
S3420	M8 x 90mm	Eye/Slipper Rocker Arm	
S3421	M12 x 75mm	770mm Parabolic Springs	
S3422	M16 x 90mm	525/610/700mm Springs	Also suits Eye/Eye rocker arm
S3423	M20 x 130mm	Eye/Slipper Rocker Arm	
S3424	M16 x 100mm	Eye/Slipper Rocker Arm	
S3459	9/16" x 70mm	660mm Springs	Bare Steel bolt with castle nut



All bolts come with Nyloc nuts

U-BOLTS

Note: All U-bolts are supplied with nuts, and those used in suspensions are also supplied with 2 heavy flat washers that allow them to be used with axle plates that have elongated holes.

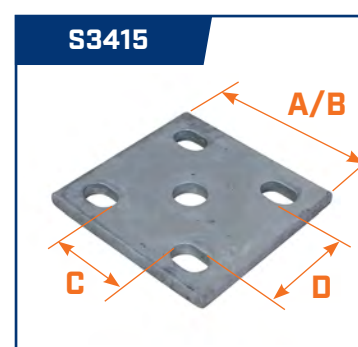
Code	Profile	Diameter	Inside Width	Inside Length
S3433	Square	M12	51mm	83mm
S3434	Square	M12	51mm	88mm
S3435	Square	M12	51mm	103mm
S3436	Square	M12	51mm	113mm
S3437	Square	M12	51mm	123mm
S3438	Square	M12	51mm	133mm
S3439	Square	M12	51mm	148mm
S3440	Square	M12	51mm	168mm
S3446	Square	M12	65mm	118mm
S3447	Square	M12	65mm	185mm
S3450	Square	M12	78mm	103mm
S3451	Square	M12	78mm	73mm
R4000	Square	M10	41mm	110mm
R4005	Square	M10	41mm	145mm
S3442	Round	M12	51mm	103mm
S3443	Round	M12	51mm	113mm
S3444	Round	M12	51mm	123mm



AXLE PLATES

Note: Take measurements C and D between the holes

Code	Finish	Thickness	A/B	C	D
S3415	Galvanized	8mm	100mm	42-52mm slotted	52mm
S3417	Galvanized	8mm	115mm	68mm	64mm





ANYTHING BUT ORDINARY!

Ordinary solutions solve ordinary problems. But when problems are anything but ordinary, an extraordinary solution is required. Timbren rubber suspensions deliver extraordinary ride quality and reliability that other rubber torsion and spring suspensions simply cannot.

80% less shock during live loads

- Axle-less versions available for maximum ground clearance and low deck options.
- Equalizing versions available for the ultimate off-road capability.
- Progressive jounce spring.
- Rebound spring for constant tension.
- Easy bolt-on installation.
- Urethane bushings for reduced noise
- Limited lifetime warranty



This award-winning product turns the traditional idea of trailer suspensions on its head.

Quiet and smooth are the two words that best describe the Timbren trailer suspension range. Any clanking and banging sounds are silenced.

Rough and uneven towing quickly evaporates and their rugged design ensures they can endure the roughest terrain without ever compromising on ride quality.

AXLE-LESS INDEPENDENT SUSPENSION

Axle-less suspension - requires no axle! Imagine the freedom to go anywhere, to have the trailer deck as low as you need it to be. Without the usual restrictions of an axle.



SILENT RIDE EQUALISING SUSPENSION

No noise, no fuss, and an air-bag-like ride quality without the complexity, and breakages from shock loadings are reduced. Your best suspension bet for harsh road conditions.



SILENT RIDE INDEPENDANT SUSPENSION

An affordable, air-bag-like ride with an independent suspension. Long life shock absorbtion for to fit a standard beam axle.



SUSPENSION

TIMBREN - AXLE-LESS

The Axle-Less suspension has no through axle. This removes all obstacles on the trail. Go anywhere. Do anything.

- Axle stub sold separately (see table below).

Code	Description
S4301	1590kg/pr Independent Suspension
S4302	2390kg/pr Independent Suspension
S4303	3180kg/pr Independent Suspension

Timbren Axle Stubs

Code	Rating	Description
S4310	1750kg	Non braked, suit 1590kg
S4311	1750kg	Disc braked, suit 1590kg
S4312	1750kg	Electric drum braked, suit 1590kg
S4320	1750kg	Non braked, suit 2390kg
S4321	1750kg	Disc braked, suit 2390kg
S4322	1750kg	Electric drum braked, suit 2390kg
S4350	2500kg	Non braked, suit 2390kg
S4351	2500kg	Disc braked, suit 2390kg
S4352	2500kg	Electric drum braked, suit 2390kg

Timbren Unihub Axle Stubs

Code	Rating	Description
S4501	1800kg	Non braked, suit 1590kg
S4502	1800kg	Disc braked, suit 1590kg
S4503	1800kg	10" Drum braked, suit 1590kg



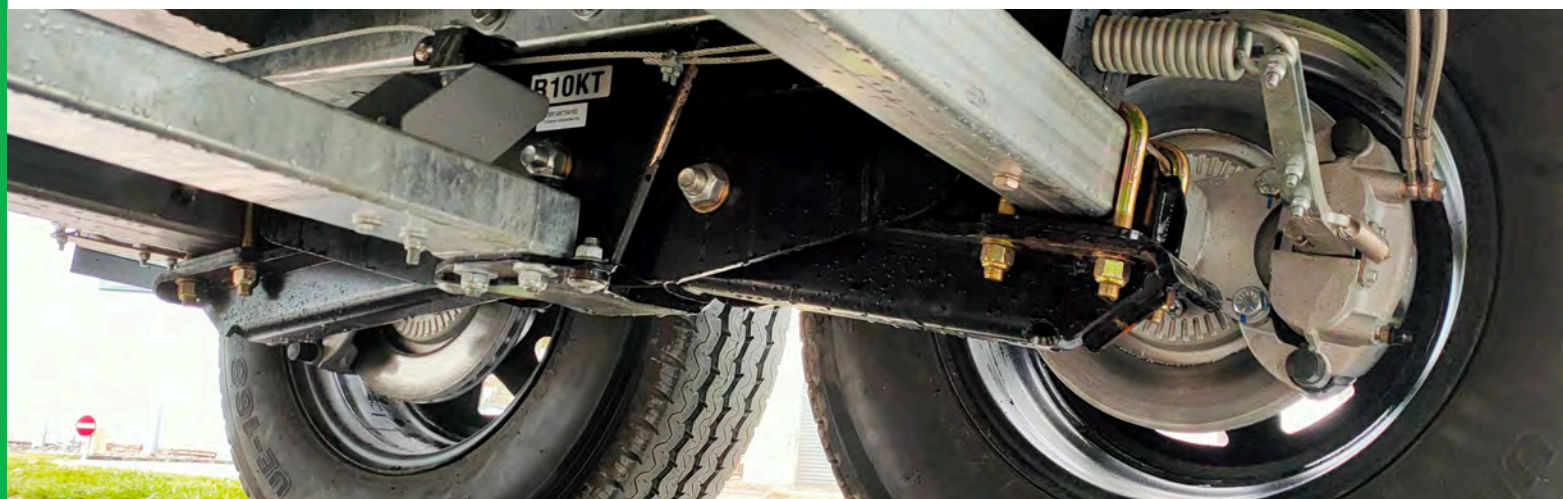
S4301



Choose a set of axle stubs to go with your axle-less Timbren suspension



S4503



TIMBREN - SILENT RIDE

The Silent Ride suspension can be installed easily as a single or tandem axle configuration. Its durable construction ensures that it can take on the most challenging road conditions while maintaining an air-like ride quality.

Single Axle - Independent

Code	Description
S4200	907kg/pr Independent Suspension
S4201	1590kg/pr Independent Suspension
S4202	2270kg/pr Independent Suspension

Tandem Axle - Equalizing

Code	Description
S4101	3180kg/pr Equalizing Suspension
S4102	4429kg/pr Equalizing Suspension



S4200



S4101



TIMBREN - AXLE SEAT/U-BOLT KITS

The Silent Ride suspension can be fitted with either 50mm or 65mm axles. The kit included cast x2 axle seats, x4 U-bolts, x8 nuts and x8 washers.

Code	Description
S4414	50mm U-bolt & Axle Seat Kit
S4414EX	50mm Axle Seat only, single
S4416	65mm U-bolt & Axle Seat Kit
S4416EX	65mm Axle Seat only, single

S4414



NEW INNOVATION

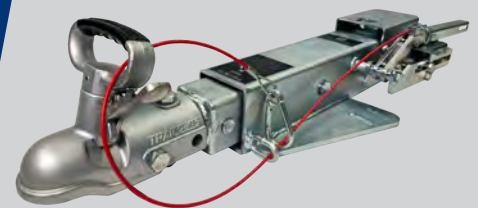
hygo.
MkII

3.5T HYDRAULIC OVER-RIDE BRAKES

NO ELECTRICS REQUIRED

- Easy multiple vehicle towing.
- No in-cab wiring required.
- Supports NZ products / industry.
- Unihub compatible.

See more on pages 62-65



NOTES

Handwriting practice area with 20 horizontal dashed lines.

SUSPENSION

BODY HARDWARE

BODY HARDWARE



SAFETY CHAINS & CONNECTIONS

The safety connection is a critical part of specifying components for a trailer, and the Trailparts range is rated to meet the NZS5467:1993 requirements. The 6 key points to note in the Code of Practice for Light Trailers related to safety connections are;

- Safety connection(s) shall have a minimum breaking strength equal to 2 times the Maximum Towed mass.
- The attachment of the safety connection(s) to both the towbar and drawbar shall be separate from the coupling and its fastenings.
- The safety connection(s) attachments shall have a strength equal to, or greater than, the safety connection.
- The safety connection(s) shall be mechanically fitted as close as is practicable to the longitudinal centre line and of such length that in the event of coupling failure it will prevent the drawbar hitting the ground as well as controlling the direction of the trailer to follow the towing vehicle.
- Welding of chain is not acceptable.
- The safety connection(s) attachment to the trailer shall be positioned so that they will not come into contact with the ground.
- Safety connection(s) shall be indelibly marked by the component manufacturer with their rating. The rating shall enable the minimum breaking load of the components to be identified.

SAFETY CHAIN KIT

Trailparts™ safety chains are manufactured using high tensile 8mm material, and are 2T rated. Kits meet above requirements

Code	Description
Z6771SS	9 link chain, Washer, Stainless Shackle & Insert
Z677111SS	11 link chain, Washer, Stainless Shackle & Insert
Z677114SS	14 link chain, Washer, Stainless Shackle & Insert

Z6771SS



RATED SAFETY CHAIN

Trailparts™ safety chains are manufactured using high tensile 8mm material, and are 2T rated and stamped as per requirements for safety chain above.

Code	Description
Z6775	9 Links - 380mm
Z677511	11 Links - 465mm
Z677514	14 Links - 590mm
Z6776	5m cut length
Z6777	10m cut length
Z6778	25m cut length
Z6778	50m bulk length

Z6775



D-SHACKLES - NON RATED

Code	Description
Z6750	Galvanised, 6mm
Z6751	Galvanised, 8mm
Z6752	Galvanised, 10mm
Z6753	Galvanised, 12mm
Z6760	Stainless Steel, 6mm
Z6761	Stainless Steel, 8mm
Z6762	Stainless Steel, 10mm
Z6763	Stainless Steel, 12mm

Z6752/Z6762



RATED D-SHACKLES - STAINLESS

Trailparts rated D-shackles are rated and stamped as per requirements of NZS5467:1993. Captive pin with 22mm throat.

Code	Description
Z6770SS	Stainless Steel, 2T Rated

Z6770SS



ANTI-LOSS CHAIN INSERT

Used for bolting Trailparts™ safety chain to the drawbar. The design prevents the washer from distorting and from over-tightening which prevents chain movement.

Z6769T



STAINLESS QUICK CHAIN CONNECTOR

This connector is a high quality cast Stainless steel unit which bolts onto the towbar, and removes the need for a D-shackle. Takes high tensile 8mm Trailparts™ safety chains.

Z6773



QUIKLOK™ CHAIN CONNECTOR

Bolts to the towbar, and removes the need for a D-shackle. Made from zinc plated steel.

Z6774



LYNCH PINS

Code	Description
Z6740	1/4" (6mm) pin, zinc plated
Z6741	5/16" (8mm) pin, zinc plated
Z6742	3/8" (9.5mm) pin, zinc plated
Z6743	7/16" (11mm) pin, zinc plated

Z6742



GRIP CLIPS | R-CLIP

Code	Description	Suits Pin
Z6840	2mm, zinc plated	6-11mm
Z6841	3mm, zinc plated	10-18mm
Z6842	4mm, zinc plated	12-22mm
Z6843	5mm, zinc plated	16-27mm

Z6842



BODY HARDWARE

SPRING BOLTS

A wide range of Spring Bolts are available, as shown on this page. 12mm versions are commonly used in many industries and applications, from trailer doors to home gates. Purchasing volume makes the Z6800 pins particularly good value.

Code	Description
Z6800	12mm spring bolt, 30mm pin throw, 75 x 40mm base, zinc plated
Z6801	12mm spring bolt, 75mm pin throw, 120 x 40mm base, zinc plated
Z6811	16mm spring bolt, 75mm throw, 120 x 40mm base, zinc plated

Z6800



SPRING BOLTS - HEAVY DUTY

Trailparts™ Heavy Duty spring bolts are built tough for a range of heavy applications, from livestock gates to tipping trailer drawbar locks.

Code	Description
Z6810	16mm heavy spring bolt, 50mm pin throw, 265 x 50mm base, zinc plated
Z6815	20mm heavy spring bolt, 50mm pin throw, 265 x 50mm base, zinc plated

Z6810



TAILGATE HINGE STRAPS

Manufactured using 40 x 4mm mild steel plate in a bare steel finish, with rolled eye. Lengths given are from eye centres to end of strap, and eyes carry tolerance to allow for hot dip galvanizing.

Code	Description
Z6900	75mm, suits 12mm pins
Z6901	200mm, suits 12mm pins
Z6902	300mm, suits 12mm pins
Z6903	450mm, suits 12mm pins
Z6905	300mm, suits 16mm pins
Z6906	450mm, suits 16mm pins

Z6900



WELD-ON GUDGEON PINS

Code	Description
Z6910	12mm pins, 130mm long, 15mm offset
Z6911	16mm pins, 130mm long, 15mm offset
Z6910W	M16 premium cast gudgeon

Z6910



TAILGATE LATCH ASSEMBLY

Code	Description
Z6700	Complete tailgate latch assembly, with latches, weld on mounts, and mounting bolts
Z6705	Weld on latch only
Z6706	Replacement handle only



ANTI-RATTLE CATCHES - BOLT ON

Code	Shank Ø	Description
Z6712	12mm	25mm shank length, zinc plated
Z6710	12mm	53mm shank length, zinc plated
Z6711	12mm	70mm shank length, zinc plated



ANTI-RATTLE CATCHES - WELD ON

Code	Shank Ø	Description
Z6715	12mm	13mm shank length, zinc plated
Z6716	12mm	54mm shank length, zinc plated



ANTI-RATTLE CATCH EYE PLATES

Code	Description
Z6720	Weld on eye plate, 150mmL x 50mmW, 25mm Ø hole
Z6721	Weld on eye plate, 75mmL x 50mmW, 25mm Ø hole



PIN-LOCK TAILGATE LATCH

In response to customer demand, we've brought back the simplest of tailgate latch designs for the ultimate low-cost tailgate latch solution. Includes 6mm lynch pin and 48mm x M12 zinc plated bolt through pin.



BODY HARDWARE

LOCKING PADDLE SLAM LATCH

- High quality Stainless Steel material
- 140 x 108mm, cutout 115 x 85mm
- Supplied with gasket and 2 keys
- Opens from outside and inside, locks from outside

Z6788



HEAVY DUTY FOLDING T-HANDLE LOCKING

- High Quality Stainless Steel material
- 130 x 28mm, cutout
- Supplied with gasket and 2 keys
- Opens from exterior only

Z6789



COMPRESSION LOCKS - BLACK

- Strong steel construction with Black Satin finish
- Keyed alike locking available
- Adjustable screw
- 2 sizes available

Z6980



Code	Description
Z6982	Black satin finish, 80mm x 35mm
Z6980	Black satin finish, 110mm x 50mm

COMPRESSION LOCKS - BRUSHED CHROME

- Strong steel construction with attractive brushed chrome finish
- Keyed alike locking available
- Adjustable screw
- 2 sizes available

Z6980S



Code	Description
Z6982S	Brushed Stainless, 80mm x 35mm
Z6980S	Brushed Stainless, 110mm x 50mm

LOCKING T-HANDLE

- 8mm square shaft
- Suits Z6995 Rod latch set (below)
- Locking, and supplied with 2 keys
- Chrome plated finish
- Height 52mm

Z6990



LOCKING L-HANDLE

- 8mm square shaft
- Suits Z6995 Rod latch set (below)
- Locking, and supplied with 2 keys
- Chrome plated finish
- Height 48mm

Z6992



ROD LATCH SET

- Can be used with any suitable 8mm square shaft handle, including those above.
- Mild steel material, with a zinc plated finish.
- Includes guides and 2 x 1200mm 10mm fastening rods.
- 18mm throw each end.

Z6995



RUBBER DOOR HOLDER SET

- Black rubber door catch
- 40mm diameter, interlocked height of 36mm.

Z6792



NEW
INNOVATION

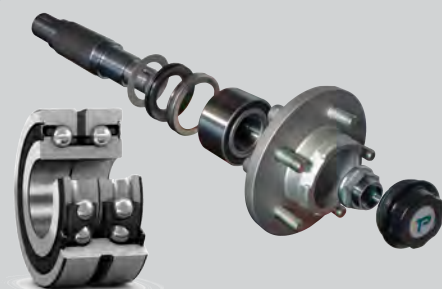
unihub.

Low Maintenance & Servicing Cost

- External secondary seals.
- Optimised wheel end design for safer towing.
- Hygo MkII Compatible.

See more on pages 23-27

**SEALED-FOR LIFE
UNITISED BEARING**



TrailPARTS™
Innovative Trailer Solutions



We do the business.

BODY HARDWARE

OVER CENTRE HOLD DOWN LATCH

- Zinc plated finish with rubberized handle
- Includes striker plate
- 2 sizes and load ratings available

Code	Load Rating	Description
Z6730	160kg	88mm long overall, clasp 15mm wide
Z6732	320kg	137mm long overall, clasp 22mm wide

Z6732



LOOP HANDLE OVER CENTRE LATCH

- Zinc plated finish with loop type handle
- Includes striker plate
- Load ratings available as shown – suited for medium weight doors and tailgates.
- Padlockable option
- Stainless steel also available on request.

Code	Load Rating	Description
Z6735	100kg	86mm long overall, clasp 16mm wide
Z6736	200kg	110mm long overall, clasp 20mm wide
Z6737	500kg	145mm long overall, clasp 30mm wide

Z6737



RUBBER HOLD DOWN LATCHES

- Includes zinc plated mild steel bracket
- 120L x 36W x 32D overall incl bracket

Z6739



ROPE HOOKS

- Made from die-cast alloy
- 2 sizes available as shown

Code	Description
Z6785	Small rope hook, 43W x 22H, suits up to 7mm ropes
Z6786	Large rope hook, 50W x 27H, suits up to 12mm ropes

Z6786



SMALL ROPE RING

- 2 piece surface mounted rope ring
- Made from zinc plated steel
- 70mm long overall, 38mm wide rope ring
- 300kg load rated when fastened correctly

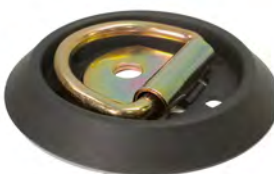
Z6782



SURFACE MOUNT ROPE RING

- 2 piece surface mounted rope ring
- Made from zinc plated steel
- 104mm diameter
- 300kg load rated when fastened correctly
- Polypropylene backed to provide surface protection

Z6783



RECESSED HEAVY LASHING RINGS

- Recessed flush mount tie downs
- Zinc alloy rings, steel backing plates, zinc plated finish
- Load ratings and sizes available as shown.

Code	Load Rating	Description
Z6780	2272kg	Recessed heavy lashing ring, 125x115mm
Z6781	320kg	Recessed lashing ring, 100x95mm

Z6781



RUBBER TAIL BOARD BUFFER

Radiused surface buffer block, used on tail doors, or where vehicles/ trailers back into loading docks.

- 125L x 41W x 42H (mm);
- 65mm mounting hole centres.

Z6796



PLASTIC GRAB HANDLE

- Use for opening and controlling large doors during opening
- Ideal for horse float tail doors.
- 170mm overall length x 28mm wide

Z7000



BODY HARDWARE

HORSE FLOAT DOOR SPRING

- Ideal for horse floats and other heavy lowering doors.
- Length 690mm x 45mm diameter, 6.3mm wire.
- Zinc plated finish

Z6825



SKIP TAIL DOOR SPRING

- Bare steel finish
- 11mm spring steel material
- Workload of 50kg is required to move the tail through 90 degrees

Z6820



SINGLE AXLE MUDGUARDS



Trailparts™ steel trailer mudguards are of exceptional quality. Roll formed guards have a quality look, and are a finishing touch all trailers should have. A range of sizes are available as shown, Use the below guide to help choose a profile that suits your build.



Rolled profile, with curved edges on both sides.

Use these illustrations to identify the cross section of the guards listed.



Combo profile, with one curved edge and one square edge.

ROLL FORMED STEEL ROUND GUARDS



Code	Width (mm)	Length (mm)	Suits Wheel	Height (mm)	Finish	Edge Detail	Thickness (mm)
G2000	200	560	8"	290	Bare Steel	Rolled	1.6
G2001	200	560	8"	290	Electroplated	Rolled	1.6
G2005	230	560	8"	290	Bare Steel	Rolled	1.6
G2006	230	560	8"	290	Electroplated	Rolled	1.6
G2010	200	600	8"/10"	290	Bare Steel	Rolled	1.6
G2011	200	600	8"/10"	290	Electroplated	Rolled	1.6
G2015	230	600	8"/10"	290	Bare Steel	Rolled	1.6
G2016	230	600	8"/10"	290	Electroplated	Rolled	1.6
G2020	275	610	ATV	320	Electroplated	Rolled	1.6
G2035	200	740	12" - 14"	390	Bare Steel	Rolled	1.6
G2036	200	740	12" - 14"	390	Electroplated	Rolled	1.6
G2045	230	740	12" - 14"	390	Bare Steel	Rolled	1.6
G2046	230	740	12" - 14"	390	Electroplated	Rolled	1.6

BARE STEEL



ELECTROPLATED

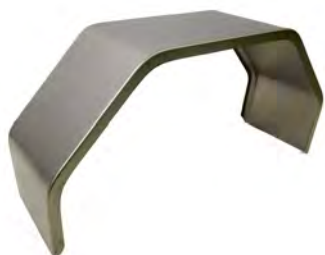


ROLL FORMED STEEL SQUARE GUARDS



Code	Width (mm)	Length (mm)	Suits Wheel	Height (mm)	Finish	Edge Detail	Thickness (mm)
G2030	200	740	12" - 14"	370	Bare Steel	Combo	1.6
G2031	200	740	12" - 14"	370	Electroplated	Combo	1.6
G2040	230	740	12" - 14"	370	Bare Steel	Combo	1.6
G2041	230	740	12" - 14"	370	Electroplated	Combo	1.6
G2050	230	740	12" - 14"	370	Bare Steel	Combo	2
G2051	230	740	12" - 14"	370	Electroplated	Combo	2

BARE STEEL



ELECTROPLATED



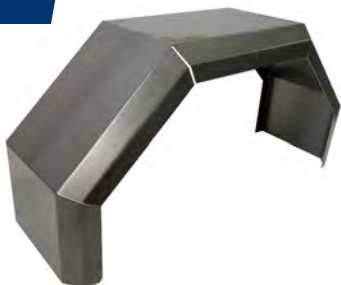
BODY HARDWARE

ROLL FORMED STEEL SQUARE GUARD - ECONOMY



Code	Width (mm)	Length (mm)	Suits Wheel	Height (mm)	Finish	Edge Detail	Thickness (mm)
G2058	235	740	12" - 14"	370	Bare Steel	Combo	2

G2058



G2241



ROLL FORMED ALLOY GUARDS

Code	Width (mm)	Length (mm)	Suits Wheel	Height (mm)	Finish	Edge Detail	Thickness (mm)
G2201	200	560	8"	290	Checker Plate	Rolled	1.6
G2206	230	560	8"	290	Checker Plate	Rolled	1.6
G2211	200	600	8"/10"	290	Checker Plate	Rolled	1.6
G2216	230	600	8"/10"	290	Checker Plate	Rolled	1.6
G2236	200	740	12" - 14"	390	Checker Plate	Rolled	1.6
G2241	230	740	12" - 14"	390	Checker Plate	Rolled	1.6

POLYPROPYLENE MOULDED GUARDS

G6686



G6688



Code	Width (mm)	Length OD (mm)	Length ID (mm)	Suits Wheel	Height OA	Colour
G6686	215	940	705	12" - 13"	295	Grey
G6688	215	940	705	12" - 13"	295	Black
G6691	225	1080	775	14"	320	Grey
G6693	225	1080	775	14"	320	Black



TANDEM AXLE MUDGUARDS



Trailparts™ steel trailer mudguards are of exceptional quality. Roll formed guards have a quality look, and are a finishing touch all trailers should have. A range of sizes are available as shown, Use the below guide to help choose a profile that suits your build.



Rolled profile, with curved edges on both sides.

Use these illustrations to identify the cross section of the guards listed.



Combo profile, with one curved edge and one square edge.

ROLL FORMED STEEL ROUND GUARDS



G2140



G2141



Code	Width (mm)	Length (mm)	Suits Wheel	Height (mm)	Finish	Edge Detail	Thickness (mm)
G2135	200	1500	13" - 14"	390	Bare Steel	Round	1.6
G2136	200	1500	13" - 14"	390	Electroplated	Round	1.6
G2140	230	1500	13" - 14"	390	Bare Steel	Round	1.6
G2141	230	1500	13" - 14"	390	Electroplated	Round	1.6



BODY HARDWARE

ROLL FORMED STEEL SQUARE GUARDS

Code	Width (mm)	Length (mm)	Suits Wheel	Height (mm)	Finish	Edge Detail	Thickness (mm)
G2130	200	1500	13" - 14"	390	Bare Steel	Combo	1.6
G2131	200	1500	13" - 14"	390	Electroplated	Combo	1.6
G2145	230	1500	13" - 14"	390	Bare Steel	Combo	1.6
G2146	230	1500	13" - 14"	390	Electroplated	Combo	1.6
G2155	230	1500	13" - 14"	390	Bare Steel	Combo	2
G2156	230	1500	13" - 14"	390	Electroplated	Combo	2

G2130



G2131



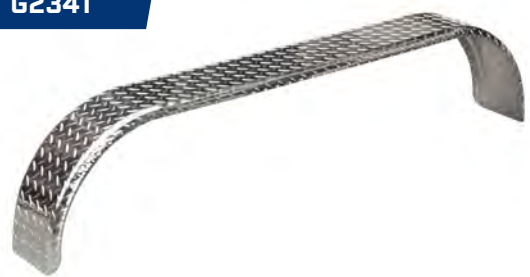
ROLL FORMED STEEL SQUARE GUARD - ECONOMY

Code	Width (mm)	Length (mm)	Suits Wheel	Height (mm)	Finish	Edge Detail	Thickness (mm)
G2158	235	1560	13" - 14"	390	Bare Steel	Combo	2

G2158



G2341



ROLL FORMED ALLOY GUARDS ▲

Code	Width (mm)	Length (mm)	Suits Wheel	Height (mm)	Finish	Edge Detail	Thickness (mm)
G2336	200	1500	13" - 14"	390	Checker Plate	Round	1.6
G2341	230	1500	13" - 14"	390	Checker Plate	Round	1.6

COMPLETE HYDRAULIC TIPPING KITS

Z6854K12R



- Single action - power up, gravity down.
- Includes handheld pendant controller.
- Wireless remote option available.

Complete Hydraulic Tipping Kit includes;

- DC Hydraulic Powerpack with 8L tank
- Hydraulic 3 stage ram. (4 stage on 1500mm)
- x2 bottom trunion brackets.
- x4 weld on landing pads.
- x2 weld on hinge assemblies.
- Top mount pin and split pins.
- x2 weld on top mount lug.
- 1.5m hose and fittings.

Code	Ram Details	Rating	Input	Wireless Remote
Z6857K12	800mm - 3 stage	3500kg	12v	No
Z6857K12R	800mm - 3 stage	3500kg	12v	Yes
Z6857K24	800mm - 3 stage	3500kg	24v	No
Z6857K24R	800mm - 3 stage	3500kg	24v	Yes
Z6854K12	1050mm - 3 stage	5000kg	12v	No
Z6854K12R	1050mm - 3 stage	5000kg	12v	Yes
Z6854K24	1050mm - 3 stage	5000kg	24v	No
Z6854K24R	1050mm - 3 stage	5000kg	24v	Yes
Z6856K12	1500mm - 4 stage	5000kg	12v	No
Z6856K12R	1500mm - 4 stage	5000kg	12v	Yes



BODY HARDWARE

DC HYDRAULIC POWER PACKS

- Single action - power up, gravity down.
- Includes handheld pendant controller.
- Wireless remote option available.

Code	DC Input	Tank	Remote
Z686012	12v	8L	No
Z686024	24v	8L	No
Z686012R	12v	8L	Yes
Z686024R	24v	8L	Yes

Note: Order hydraulic ram and tipping kit below.



HYDRAULIC RAM & TIPPING KIT

Tipping kit includes;

- Hydraulic 3 stage ram.
- x2 bottom trunion brackets.
- x4 weld on landing pads.
- x2 weld on hinge assemblies.
- Top mount pin and split pins.
- x2 weld on top mount lugs
- 1.5m hose and fittings.

Code	Rating	Ram Details
Z6857	3500kg	800mm - 3 stage
Z6854	3500kg	1050mm - 3 stage
Z6859	5000kg	1500mm - 4 stage



TIPPING KIT SPARE PARTS

Code	Description
Z6875	Weld on landing pad with rubber 200x45mm
Z6850	Hinge assemblies 3500kg (pair)
Z6851	Trunion Foot Bracket 45mm
Z6857LUG	Mounting lug 3500kg
Z6854LUG	Mounting lug 5000kg
Z6857PIN	Top mount pin 3500kg
Z6857SP	Top mount split pin 3500kg (pair)
Z6854PIN	Top mount pin 5000kg
Z6854SP	Top mount split pin 5000kg (pair)
Z6880	1.5m flexible hose with x2 90deg ends
Z6978	2m flexible hose with x2 90deg ends

LIGHTING & ELECTRICAL



LIGHTING & ELECTRICAL



PREMIUM COMBINATION LED TAIL LIGHTS

Trailparts™ Premium LED lamps are designed to be an easy to fit trailer lighting solution that can be fitted in a range of orientations. Box trailers need lamps to fit in a horizontal orientation and shine the number plate across the trailer, from the narrow side of the lamp, whilst boat trailers need a number plate lamp that shines out of the wide side of the lamp downwards. In an innovative solution, the Trailparts™ lamps have number plate lamps fitted to one short and one long side of the right hand lamp, with the user simply connecting whichever of the two number plate function wires that suits their application best. The fact that they look good, have cable length options, are submersible, and E-marked makes them a first choice for many trailer builders.

L1200MK



- Compact size – 160L x 80W x 30D (mm)
- Strong impact resistant Polycarbonate lens.
- Inbuilt retro-reflector.
- 10-30v capable.
- E-mark (E4) certified.
- Cable length options up to 8m.
- Two number plate lamp orientation options.
- **8m Cable option is fully submersible.**



Number plate lamps are provided in one short and one long side of the R/H lamp. Connect whichever of the 2 wires suits the desired lamp orientation.



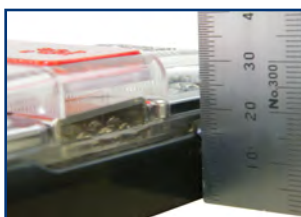
Available in a range of cable lengths of up to 8m long, designed to make installation easy.



Lamp sets supplied with 8m cables include a flexible number plate holder.



Lamps feature an inbuilt E-approved retro-reflector.



Overall height of lamps when mounted is a low 30mm, reducing likelihood of impact damage in use.



Compliance to the required ECE standards is marked on the tough, impact resistant polycarbonate lenses.

Code	Description - Lamp Kits
L1200MK	1 x L1200ML and 1 x L1200MR3 lamps
L1200MKC	L/H and R/H lamps with 8m cables, incl plate holder

Code	Description - Individual Lamps
L1200ML	L/H lamp only, 300mm 4 core cable
L1200ML8	L/H lamp only, 8m 4 core cable
L1200MR3	R/H lamp only, 2 number plate lamps, 3m 6 core cable
L1200MR8	R/H lamp only, 2 number plate lamps, 8m 6 core cable
L1200LPH	Flexible number plate holder only

Wiring Details

Left Hand Side

Red - Stop lamp
Brown - Tail lamp
Green - Indicator
White - Earth

Right Hand Side

Red - Stop lamp
Brown - Tail lamp
Green - Indicator
White - Earth

Black - No. plate lamp - long side
Blue - No. plate lamp - short side

STANDARD COMBINATION LED TAIL LIGHTS

L2100MK



- Size – 95L x 100W x 25D (mm)
- Strong impact resistant Polycarbonate lens.
- Inbuilt retro-reflector.
- Inbuilt number plate lamp.
- 10-30v capable.
- E-mark (E4) certified.
- Cable length options.
- 8m Cable option is fully submersible.**



Available in a range of cable lengths of up to 8m long, designed to make installation easy.

Code	Description - Lamp Kits
L2100MK	1 x L2100ML and 1 x L2100MR8 lamp
L2100MKC	1 x L2100ML8 and 1 x L2100MR8 lamp, 9m cables

Code	Description - Individual Lamps
L2100ML	L/H lamp only, 300mm cable
L2100ML8	L/H lamp only, 8m cable
L2100MR	R/H lamp only with number plate lamp, 300mm cable
L2100MR8	R/H lamp only with number plate lamp, 8m cable



Lamps feature an inbuilt number plate lamp in the 100mm side of the R/H lamp.

Wiring Details

Left Hand Side

Red - Stop lamp
Brown - Tail lamp
Yellow - Indicator
White - Earth

Right Hand Side

Red - Stop lamp
Brown - Tail / No. Plate lamp
Yellow - Indicator
White - Earth

**TURN
NIGHT
INTO
DAY**



JOLT®
WORKING LIGHT

Available @trailparts.co.nz



STANDARD COMBINATION LED TAIL LIGHTS

L2000MK



- Size – 120L x 125W x 25D (mm)
- Strong impact resistant Polycarbonate lens.
- Inbuilt retro-reflector.
- Inbuilt number plate lamp.
- 10-30v capable.
- E-mark (E4) certified.
- Cable length options.



Available in a range of cable lengths of up to 8m long, designed to make installation easy.

Code	Description - Lamp Kits
L2000MK	1 x L2000ML and 1 x L2000MR3 lamp
L2000MK6	1 x L2000ML6 and 1 x L2000MR6 lamp, 6m cables
L2000MKC	1 x L2000ML9 and 1 x L2000MR9 lamp, 9m cables

Code	Description - Individual Lamps
L2000ML	L/H lamp only, 300mm cable
L2000ML6	L/H lamp only, 6m cable
L2000ML9	L/H lamp only, 9m cable
L2000MR	R/H lamp only with number plate lamp, 3m cable
L2000MR6	R/H lamp only with number plate lamp, 6m cable
L2000MR9	R/H lamp only with number plate lamp, 9m cable



Lamps feature an inbuilt number plate lamp in the 125mm side of the R/H lamp.

Wiring Details

Left Hand Side

Red - Stop lamp
Brown - Tail lamp
Yellow - Indicator
White - Earth

Right Hand Side

Red - Stop lamp
Brown - Tail / No. Plate lamp
Yellow - Indicator
White - Earth

LED WORK LIGHTS & WARNING LIGHTS

Available @ trailparts.co.nz



JOLT®
WORKING LIGHT

COMBINATION LED TAIL LIGHTS

- Size - 200L x 85H x 25D (mm)
- Strong impact resistant Polycarbonate lens.
- Chasing indicator light.
- 10-30v capable.
- ECE, E-mark (E4) certified.
- Stop, Tail, Indicator, Reverse, Reflector.

Code	Description
L1400L	Single tail light 200mm cable
L1400L-R	Single tail light 200mm cable with load resistors

NOTE: Requires x2 resistors when using on ute decks. Part #N90034BL2 (Pack of 2)



CHASING INDICATOR

- Size - 200L x 85H x 30D (mm)
- Strong impact resistant Polycarbonate lens.
- 10-30v capable.
- ECE, E-mark (E4) certified.
- Stop, Tail, Indicator, Reverse, Reflector

Code	Description
L1300L-RA	Single tail light 2m cable

NOTE: Requires x2 resistors when using on ute decks. Part #N90034BL2 (Pack of 2)



- Size - 200L x 50H x 30D (mm)
- Strong impact resistant Polycarbonate lens.
- 10-30v capable.
- ECE, E-mark (E4) certified.
- Stop, Tail, Indicator, Reflector.

Code	Description
L2600M	Single tail light 200mm cable

NOTE: This combination light has no reverse LED. See below light for included reverse LED
Requires x2 resistors when using on ute decks. Part #N90034BL2 (Pack of 2)



- Size - 200L x 50H x 30D (mm)
- Strong impact resistant Polycarbonate lens.
- 10-30v capable.
- ECE, E-mark (E4) certified.
- Stop, Tail, Indicator, **Reverse**, Reflector.

Code	Description
L2610M	Single tail light 200mm cable

NOTE: Requires x2 resistors when using on ute decks. Part #N90034BL2 (Pack of 2)



LED MARKER LAMPS

L4630A



L4632A



L4634A



- 60L x 30W x 33D (mm) size.
- 9-28v capable.
- 4 LED's.
- Tough Polycarbonate construction.
- Cable length options – 2.5m standard.

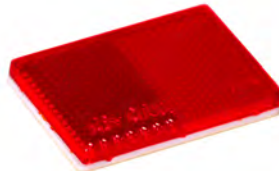
Code	Description
L4630A	Red/Amber LED marker lamp, 2.5m cables
L4632A	White LED marker lamp, 2.5m cables
L4634A	Amber LED marker lamp, 2.5m cables
L4634LA	Amber LED marker lamp, 5m cables

RETRO REFLECTORS

L4251



L4255



L4260



Code	Description	Mount
L4250	Red reflector 28 x 70mm	Self adhesive
L4251	Amber reflector 28 x 70mm	Self adhesive
L4255	Red reflector 40 x 60mm	Self adhesive
L4256	Amber reflector 40 x 60mm	Self adhesive
L4257	White reflector 40 x 60mm	Self adhesive
L4260	Red reflector 40mm round	1 Fixing Hole
L4262	White reflector 40mm round	1 Fixing Hole
L4265	Red reflector 40 x 90mm	2 Fixing Hole
L4266	Amber reflector 40 x 90mm	2 Fixing Hole
L4267	White reflector 40 x 90mm	2 Fixing Hole

L4267



PRO TIP

All reflectors are ADR Approved

LED NUMBER PLATE LAMP

- 89L x 20W x 30D (mm) size.
- 4 LED's.
- 9-28v capable.
- Fully sealed.
- Tough Polycarbonate construction.

Code

L4651

L4651



7 PIN FLAT PLUG

- With "quickfit" feature for faster assembly.
- 7 poles each rated 15A at 12v.
- Moulded with finger grips for comfort and ease of use.
- Thicker body and lid reduces risk of damage and prevents lid from popping open during use.
- Shroud helps protect pins from impact damage.

Code

E4300

E4300



7 PIN FLAT SOCKET

- With "quickfit" feature for faster assembly
- 7 poles each rated 15A at 12v
- Moulded with finger grips for comfort and ease of use
- Thicker body and lid reduces risk of damage and prevents lid from popping open during use

Code

E43SOCKET

E43SOCKET



PRO TIP

See page 172 at rear or the catalogue for wiring diagrams for all plugs and sockets listed here.

7 PIN FLAT PLUG HOLDER

- Suits most standard 7 pin flat plugs
- Drilled 2 ways to allow mounting vertically or horizontally

Code

E4330

E4330



LARGE ROUND 7 PIN PLUG

- Plastic and Alloy versions available
- 7 poles each rated 30A at 12v

Code	Description
E4303	7 pin round plastic trailer plug
E4304	7 pin round heavy duty alloy trailer plug

E4303



E4304



LARGE ROUND 7 PIN SOCKET

- Plastic and Alloy versions available
- 7 poles each rated 30A at 12v

Code	Description
E4313	7 pin round plastic trailer socket
E4314	7 pin round heavy duty alloy trailer socket

E4313



E4314



PRO TIP

See page 172 at rear or the catalogue for wiring diagrams for all plugs and sockets listed here.

12 PIN FLAT PLUG

- 7 poles each rated 15A at 12v
- 5 poles each rated 35A at 12v

Code

E4308

E4308



12 PIN FLAT SOCKET

- 7 poles each rated 15A at 12v
- 5 poles each rated 35A at 12v

Code

E4318

E4318



FLAT TO FLAT CURLY HIRE LEAD

Flat to flat wiring looms are popular with the hire industry, now you don't have to worry about damage from dragging.

- 1.6m fully extended lead
- 7 Pin Flat to 7 Pin Flat

Code

E4329

E4329



FLAT TO ROUND ADAPTER

This adaptor allows a 7 pin flat socket on the car end to tow a trailer with a 7 pin large round plug.

Code

E4325

E4325



ROUND TO FLAT ADAPTER

This adaptor allows a 7 pin large round plug on the car end to tow a trailer with a 7 pin flat plug.

Code

E4326

E4326



LIGHT UP THE NIGHT



Aaron Cutts Logger

📍 Pouto Forest ⌚ 4am

JOLT
WORKING LIGHT

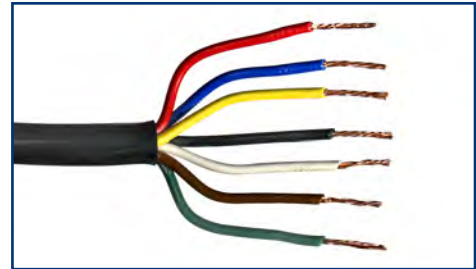
Jolt full range available @trailparts.co.nz



LENGTHS OF CABLE

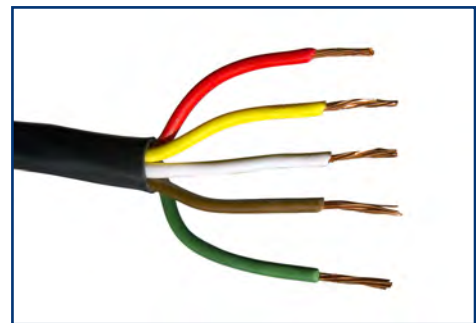
7 Core Cables

Code	Area mm ² /Amps	Roll Length
E7C0530	0.64mm ² /5A	30m
E7C05100	0.64mm ² /5A	100m
E7C1030	0.92mm ² /10A	30m
E7C10100	0.92mm ² /10A	100m



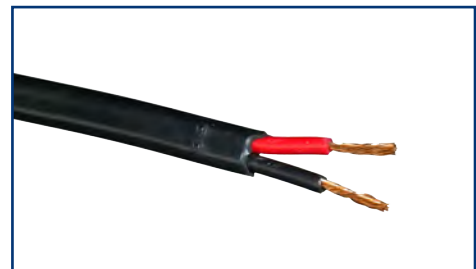
5 Core Cables

Code	Area mm ² /Amps	Roll Length
E5C0510	0.64mm ² /5A	10m
E5C0530	0.64mm ² /5A	30m
E5C05100	0.64mm ² /5A	100m
E5C05500	0.64mm ² /5A	500m
E5C1030	0.92mm ² /10A	30m
E5C10100	0.92mm ² /10A	100m



2 Core Cables

Code	Area mm ² /Amps	Roll Length
E2C1030	1.13mm ² /10A	30m
E2C10100	1.13mm ² /10A	100m
E2C1530	1.85mm ² /30A	100m



Single Core Cables

Code	Area mm ² /Amps	Roll Length	Colour
E1C1030BK	1.13mm ² /10A	30m	Black
E1C1030RE	1.13mm ² /10A	30m	Red
E1C1030YE	1.13mm ² /10A	30m	Yellow
E1C10100BK	1.13mm ² /10A	100m	Black
E1C10100YE	1.13mm ² /10A	100m	Yellow
E1C10500BK	1.13mm ² /10A	500m	Black



7 WAY JUNCTION BOX

- Heavy duty construction
- 4 Cable entry points
- Suits cable up to 6mm
- 205L x 82W x 55D (mm)

Code
E7090

E7090



8 WAY JUNCTION BOX

- 4 Cable entry points
- Electrically insulated & weatherproof
- Suits cable up to 6mm
- 135L x 102W x 38D (mm)

Code
E7091

E7091



SPLIT SLEEVE TUBING

- Protects cables from stone and friction damage
- 3 sizes available
- UV and weather resistant
- Fire retardant polypropylene

Code	OD	Roll Length
E708010	7mm	10m
E708030	7mm	30m
E708110	10mm	10m
E708130	10mm	30m
E708210	13mm	10m
E708230	13mm	30m



CABLE TIES

Code	Length	Width	Pack Size
E7070	380mm	4.8mm	100
E7071	300mm	4.8mm	100
E7072	200mm	4.8mm	100
E7073	150mm	3.6mm	100
E7074	100mm	2.5mm	100



CONNECTORS - WIRE-TAP

Code	Suits Cable	Pack Size
E7060	3-4mm	100
E7060/10	3-4mm	1000

E7060



CONNECTORS - HEAT SHRINK & CRIMP

Code	Suits Cable	Pack Size
E7062	2.5-3mm	50
E7064	4mm	50
E7063	5-6mm	50

E7064



NYLON CABLE CLAMPS - P-CLIPS

Code	Internal Dimension	Pack Size
E7100	4.3mm / $\frac{3}{16}$ "	100
E7101	6.4mm / $\frac{1}{4}$ "	100
E7102	7.9mm / $\frac{5}{16}$ "	100
E7103	9.5mm / $\frac{3}{8}$ "	100
E7104	12.7mm / $\frac{3}{16}$ "	100

E7100



PVC INSULATION TAPE

High quality black PVC insulation tape with gloss finish.
20m roll, 19mm wide x 0.20mm thick.

E7095



Code
E7095

TOWBAR INTERFACE KIT

With many late model vehicles towing trailers can cause problems with electronic systems. Trailparts Towbar and trailer interface kits are designed to: Eliminate fault codes commonly caused by trailers equipped with LED tail-lights, shield vehicle electronics from short circuits and prevent blown fuses.

TERMINAL MOUNT / WIRING HARNESS

This interface kit is the basic model and will solve most problems associated with many late model vehicles, especially European makes. This unit monitors the vehicle lighting outputs and draws the power supply for the trailer lights from an independent power source.

E4345



Code	Description
E4345	Sealed with cable
E4345-S2	Terminal Mount

- Prevents blown vehicle fuses and damage to the Vehicle electronics is protected from a short circuit in the trailer wiring.
- The vehicle lighting will continue to operate even if there is a short circuit in the trailer wiring.
- Automatic short circuit reset
- Suits vehicles that tow trailers with either LED or incandescent tail-lights.
- Vehicle fault codes are eliminated by preventing the trailer being discovered.
- Stop and tail monitoring can be done from the high stop light and the number plate light for vehicles with a single stop / tail circuit.
- Waterproof (E4345 only)

TERMINAL MOUNT - COMBINED STOP / TAIL

This unit has all the same features and protection as the E4345 interface kit above with the added feature being compatible with vehicles that have a single circuit for the stop and tail functions.

E4350-S2



Code	Description
E4350-S2	Terminal Mount

- Prevents blown vehicle fuses and damage to the vehicle electronics is protected from a short circuit in the trailer wiring.
- The vehicle lighting will continue to operate even if there is a short circuit in the trailer wiring.
- Automatic short circuit reset
- Suits vehicles that tow trailers with either LED or incandescent tail-lights.
- Vehicle fault codes are eliminated by preventing the trailer being discovered.



LIGHTING & ELECTRICAL

4 WAY BYPASS RELAY

This 4 way bypass relay may be used on negative earth vehicles which require circuit protection, or to prevent confusion with bulb failure warning systems.

This should not be used on vehicles which have modulated outputs to the lights.



- Brake Light
- Tail Light
- L/H Indicator
- R/H Indicator

7 WAY BYPASS RELAY

This 7 way bypass relay may be used on negative earth vehicles of all types, from those that just require a simple bypass function for circuit protection or to avoid confusing the bulb failure warning systems, to those with part or full multiplexed systems and including modulated outputs (appearing as low voltages) to the various rear lamp clusters.

It is capable of detecting, analysing and rerouting modulated signals present on an increasing number of modern vehicles which would otherwise cause incorrect bulb operation, relay chatter, dimming and even non-functioning of bulbs if a standard bypass relay were fitted.



- Brake Light
- Tail Light
- L/H Indicator
- R/H Indicator
- Reverse

Kantana 14" Alloy Rims to make your trailer stand apart

- Unihub Compatible
- +10mm Offset
- Hygo MkII Compatible
- Black
- Gunmetal
- Shadow

See more on page 123



WHEEL ASSEMBLIES, RIMS & TYRES

WHEEL ASSEMBLIES, RIMS & TYRES



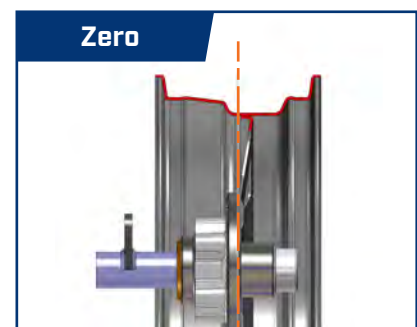
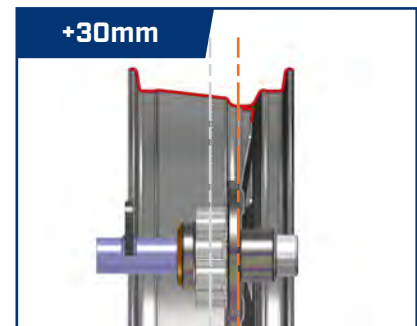
WHEEL ASSEMBLIES, RIMS & TYRES

WHEEL RIM SPECIFICATIONS

As in many industries throughout New Zealand, a strong DIY ethic exists among trailer builders and end users, and this often leads to enquiries regarding the suitability of currently available new trailer rims to replace old car rims that were commonly used to build trailers in earlier years. Rims that were used on many early model trailers, such as those from Cortina, are no longer available, and the guidelines below are intended to help explain the key criteria that will mean whether a rim can be easily replaced or not.

WHEEL OFFSETS

Wheel offset is the measure used to determine where the hub mounting face is located in relation to the centre of the rim. A mounting face in the centre of the rim is known as "zero offset"; a mounting face moved towards the outside of the rim as a "positive offset"; and conversely, moved towards the inside of the rim as a "negative offset". For example, a common car rim, as shown at right, has a mounting face set 35mm towards the outside of the rim, and this is expressed as "+35" or "P35". Replacing positive offset rims with zero offset ones is possible, depending on the difference between the two, but care needs to be taken, as the way that hubs, axles and bearings carry load alters with changes in offset.



FINDING A PCD ACCURATELY

As the illustrations show below, 4 stud and 6 stud PCD's are easy to find taking a measurement across opposite holes, but care must be taken when measuring for a 5 stud one, which can be done accurately by taking the measurement "A" in Fig.2, and divide by 0.587785. This measurement should be taken as accurately as possible, and not rounded.

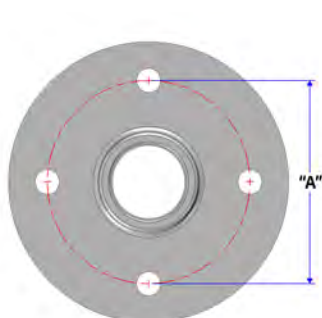


Fig. 1

4 STUD

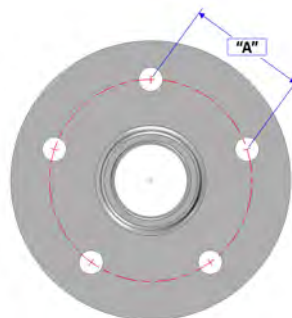


Fig. 2

5 STUD

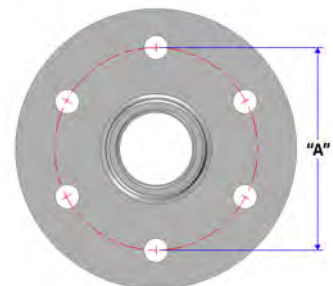


Fig. 3

6 STUD

PRO TIP

See pages 163-164 for more details on how to measure PCD and custom stud order form.

WHEEL ASSEMBLIES, RIMS & TYRES

WHEEL NUT TORQUE SETTINGS

A quality torque wrench should always be used to tighten wheel nuts according to the values shown in the table. This ensures a safe connection and avoids dangerous damage to wheels, studs and nuts from under or over tightening. Wheelnuts should always be re-torqued again after having travelled 200km.

Thread	Torque
M12	80ft/lb or 108Nm
7/16" UNF	80ft/lb or 108Nm
1/2" UNF	90ft/lb or 125Nm



WHEEL ASSEMBLIES, RIMS & TYRES

TYRE SPECIFICATIONS

A huge range of tyres are available for sale today, many of which are suitable for use on trailers. However, it's important to check that the tyres being specified for a trailer are in fact up to the task being asked of them. For example, performance car tyres have a softer compound to enhance grip when cornering, and may be load rated to suit a trailers, but their softer compound may lead to premature wear particularly in a multi-axle configuration. The Trailparts™ range of trailer tyres feature harder rubber compounds and blockier, deep treads that aren't as commonly found on tyres for cars and commercial vehicles.

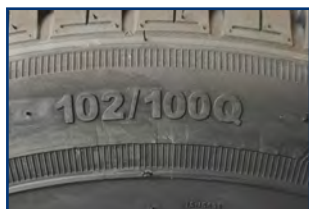
LOAD SPEED RATINGS & INFLATION

Choosing a tyre that is load and speed rated correctly is crucial to safe towing. And having the tyre inflated to the correct pressure is required to achieve the rated load capacity too. These details can be found on the sidewall of every tyre.

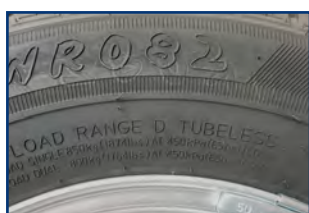
Load Rating: This is often expressed in two ways – as a basic weight rating, such as 850kg; or as a load/speed index rating, such as 102Q as shown in the photo below. While the weight rating is easily understood, the load/speed index rating gives a load rating at a specified speed. This is because the ability of a tyre to carry weight reduces with increased speed. This table can be used to determine a load rating for tyres carrying these markings only.

Speed Rating	Km/h	Speed Rating	Km/h	Speed Rating	Km/h
A1	5	D	65	Q	160
A2	10	E	70	R	170
A3	15	F	80	S	180
A4	20	G	90	T	190
A5	25	J	100	U	200
A6	30	K	110	H	210
A7	35	L	120	V	240
A8	40	M	130	W	270
B	50	N	140	Y	300
C	60	P	150	(Y)	300+

Inflation: The pressure specified on tyres, as shown in the photo below, is what tyres must be inflated to in order to carry their specified weight safely for extended periods. Under-inflation will lead to uneven wear, whilst over inflation can lead to blowouts and rim damage if obstacles are hit. Tyre pressures should be checked regularly without load on the trailer.



An example of a load/speed index marking



An example of inflation pressure markings. It is always important to note the difference between cold and hot air pressures.

Load Index	Kg	Load Index	Kg	Load Index	Kg
65	290	80	450	95	690
66	300	81	462	96	710
67	307	82	475	97	730
68	215	83	487	98	750
69	325	84	500	99	775
70	335	85	515	100	800
71	345	86	530	101	825
72	355	87	545	102	850
73	365	88	560	103	875
74	375	89	580	104	900
75	387	90	600	105	925
76	400	91	615	106	950
77	412	92	630	107	975
78	425	93	650	108	1000
79	437	94	670		

WHEEL ASSEMBLIES, RIMS & TYRES

ROAD TYRE SIZING EXPLAINED

Tyre sizing isn't complicated, although there are some less commonly known explanations given here. Key points are;

Tyre Width: This is obvious, with the first number, such as 165, 185 etc denoting tyre width.

Aspect Ratio or Profile: This is the height of the sidewall of the tyre, and is normally expressed as a percentage of the tyre width. So a 195/65R14 size marking means that the sidewall height is 65% of the tyre width, in this case, 126.75mm. Commercial tyres often omit this figure, for example, expressed as 185R14C. Manufacturers all adopt a standard aspect ratio for these tyre types, this being 82% of tyre width, so in this case, the sidewall will be 151.7mm high.

Rim Size: States the rim diameter that the tyre mounts onto. A tyre will often have markings present that recommend a min/max rim width.

Calculating Wheel Diameter: Taking these criteria above, it is easy to determine the size of a radial tyre. Add 2 sidewall heights (top and bottom), and add the rim diameter, which will give an overall wheel diameter.



Markings on a 185R14C commercial tyre.



Markings on a 195/65R14 passenger car tyre.

OTHER TYRE SIZE MARKINGS

Tyre size markings for off road tyres often differ from on road commercial and passenger tyres. Examples of these sizes are shown below with an explanation of what these figures denote.



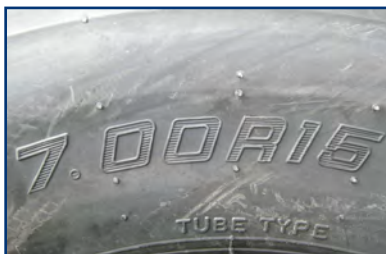
18.5 x 8.5 - 8

18.5 is the overall tyre diameter in inches; 8.5 is the width of the tyre in inches, and 8 is the rim size in inches. Often fitted to small trailers, such as used for jetskis.



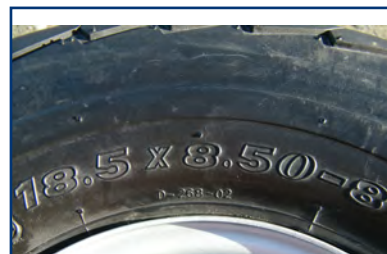
18 x 8.5 - 8

The explanation of these figures is the same as at left, Note though the slight difference in the first figure, where manufacturers differentiate between on road (18.5) and off-road (18) tyres by using whole numbers i.e. 18. Often used on farm implements such as calf feeders.



7.00R15

These tyres are often fitted to light trucks, and they feature a sidewall that is the equivalent height to the width of the tyre. In this case, it is 7 inches (7.00), with the rim size following, 15 inch.



33 x 12.5 R15LT

33 is the overall tyre diameter in inches; 12.5 is the width of the tyre in inches; R shows it is a radial construction; and 15 is the rim size in inches. This example has LT (Light Truck) showing it's a higher capacity commercial grade tyre. Commonly used on 4WD vehicles.



WHEEL ASSEMBLIES, RIMS & TYRES

12" - 16" WHEELS

X3750



X3751



X3754C



X3758



X3753



X3754



X3759



X3755



X3765



Wheel Assy	Tyre Only	Rim Only	Tyre Size	Rim Size	Rim Offset	Stud Pattern	Capacity	Diameter
X3750	X3750T	X3740	155R12C	12 x 4"	0	4 x 4"	487kg	553mm
X3751	X3751T	X3741A	165R13C	13 x 5"	+5	5 x 4 1/2"	670kg	600mm
X3752	X3752T	X3741A	185R13C	13 x 5"	+5	5 x 4 1/2"	800kg	624mm
X3758	X3758T	X3741A	195/50R13C	13 x 5"	+5	5 x 4 1/2"	900kg	520mm
X3753	X3753T	X3742	185R14C	14 x 6"	+10	5 x 4 1/2"	850kg	652mm
X3754	X3754T	X3742	195R14C	14 x 6"	+10	5 x 4 1/2"	950kg	668mm
X3754C	X3754TC	X3742	195/60R14	14 x 6"	+10	5 x 4 1/2"	850kg	580mm
X3759	X3759T	X3742	205R14C	14 x 6"	+10	5 x 4 1/2"	1030kg	686mm
X3755	X3755T	X3743	225/75R15C	15 x 6"	0	5 x 4 1/2"	1150kg	719mm
X3756	X3756T	X3745	225/75R15C	15 x 6"	0	6 x 5 1/2"	1150kg	719mm
X3765	X3765T	X3748	235/85R16C	16 x 6"	0	6 x 5 1/2"	1550kg	775mm

* X3758 wheel assemblies require high air pressures (90psi) to achieve their load rating. This allows very little compliance if an obstacle such as a pothole is hit, and can lead to damaged rims and/or blowouts occurring. Using these wheels with loads regularly approaching full capacity should be avoided, and pressures should be reduced to around 65psi where normal loads of around 700kg/wheel are carried.

WHEEL ASSEMBLIES, RIMS & TYRES

8" - 12" WHEELS



Wheel Assy	Tyre Only	Rim Only	Tyre Size	Tyre Type	Rim Size	Stud Pattern	Capacity	Size W x Ø
X3710	X3710T	X3700	5.70-8	Road	8 x 3.75"	4 x 4"	325kg	152x468mm
X3711	X3711T	X3701	16.5x6.5-8	Road	8 x 5.375"	4 x 4"	360kg	164x410mm
X3712	X3712T	X3701	16x650-8	Off Road	8 x 5.375"	4 x 4"	282kg	164x408mm
X3713	X3713T	X3701	18.5x8.5-8	Road	8 x 5.375"	4 x 4"	425kg	214x468mm
X3714	X3714T	X3701	18x850-8	Off Road	8 x 5.375"	4 x 4"	370kg	216x458mm
X3715	X3715T	X3702	22x11-8	Off Road	8 x 7"	4 x 4"	150kg	258x579mm
X3718	X3718T	X3703	145/10	Road	10 x 4"	4 x 4"	375kg	143x497mm
X3717	X3717T	X3704	20.5x8-10	Road	10 x 6"	4 x 4"	500kg	206x518mm
X3717H	X3717HT	X3705	20.5x8-10	Road	10 x 6"	5 x 4 1/2"	698kg	206x518mm

Note: All rims listed on this page are zero offset



WHEEL ASSEMBLIES, RIMS & TYRES

INTEGRAL BEARING WHEELS



Wheel Assy	Tyre Only	Rim Only	Tyre Size	Tyre Type	Rim Size	Capacity	Size W x Ø
X3720	X3720T	X3700I	4.80-8	Road	8 x 3.75"	325kg	126x418mm
X3721	X3710T	X3700I	5.70-8	Road	8 x 3.75"	360kg	152x468mm
X3722	X3711T	X3701I	16.5x6.5-8	Road	8 x 5.375"	282kg	164x410mm
X3723	X3712T	X3701I	16x6.50-8	Off Road	8 x 5.375"	425kg	164x408mm
X3724	X3713T	X3701I	18.5x8.5-8	Road	8 x 5.375"	370kg	214x468mm
X3725	X3714T	X3701I	18x8.50-8	Off Road	8 x 5.375"	150kg	216x458mm
X3726	X3715T	X3702I	22x11-8	Off Road	8 x 7"	698kg	258x579mm

Note: All rims listed on this page are zero offset

INTEGRAL WHEEL PARTS



Wheel Assy	Diameter
X3730	Stub axle to suit integral wheels, 1 1/4" stub end, includes axle nut
H4957	Dust cap, suits integral wheels, 52mm
H4878	Complete sealed wheel bearing kit, suits integral wheels, 25mm ID. 6205-2RS

WHEEL ASSEMBLIES, RIMS & TYRES

ALLOY WHEELS - ATLAS 13" / 14"

X3760



X3780



Wheel Assy	Tyre Only	Rim Only	Tyre Size	Rim Size	Rim Offset	Stud Pattern	Capacity	Diameter
X3762	X3751T	X3760	165R13C	13 x 5"	0	5 x 4 1/2"	670kg	600mm
X3769	X3752T	X3760	185R13C	13 x 5"	0	5 x 4 1/2"	775kg*	624mm
X3768	X3758T	X3760	195/50R13C	13 x 5"	0	5 x 4 1/2"	775kg*	520mm
X3782	X3753T	X3780	185R14C	14 x 6"	0	5 x 4 1/2"	850kg	652mm
X3784	X3754T	X3780	195/65R14C	14 x 6"	0	5 x 4 1/2"	950kg	668mm

*Load capacity of wheel assemblies is limited by the rim load rating. 13" rim load rated to 775kg, 14" rim load rated to 1000kg.

ALLOY WHEELS - KANTANA 14"

unihub.
COMPATIBLE

X3900



X3905



X3910



Wheel Assy	Tyre Only	Rim Only	Tyre Size	Rim Size	Rim Offset	Stud Pattern	Capacity	Colour
X3902	X3753T	X3900	185R14C	14 x 6"	+10	5 x 4 1/2"	850kg	Shadow
X3903	X3754T	X3900	195R14C	14 x 6"	+10	5 x 4 1/2"	950kg	Shadow
X3904	X3754TC	X3900	195/60R14C	14 x 6"	+10	5 x 4 1/2"	850kg	Shadow
X3907	X3753T	X3905	185R14C	14 x 6"	+10	5 x 4 1/2"	850kg	Black
X3908	X3754T	X3905	195/R14C	14 x 6"	+10	5 x 4 1/2"	950kg	Black
X3909	X3754TC	X3905	195/60R14C	14 x 6"	+10	5 x 4 1/2"	850kg	Black
X3912	X3753T	X3910	185R14C	14 x 6"	+10	5 x 4 1/2"	850kg	Gunmetal
X3913	X3754T	X3910	195/R14C	14 x 6"	+10	5 x 4 1/2"	950kg	Gunmetal
X3914	X3754TC	X3910	195/60R14C	14 x 6"	+10	5 x 4 1/2"	850kg	Gunmetal

PRO TIP

Kantana rims are our only alloys compatible with Trailparts Unihub.



WHEEL ASSEMBLIES, RIMS & TYRES

STEEL RIMS - 12" / 16"

Rim Only	Rim Size	Rim Offset	Stud Pattern	Finish
X3740	12 x 4"	0	4 x 4"	Galvanized
X3741A	13 x 5"	+5	5 x 4 1/2"	Galvanized
X3742	14 x 6"	+10	5 x 4 1/2"	Galvanized
X3743	15 x 6"	0	5 x 4 1/2"	Galvanized
X3745	15 x 6"	0	6 x 5 1/2"	Galvanized
X3748	16 x 6"	0	6 x 5 1/2"	Galvanized
X3741A1	13 x 4.5"	0	5x4 1/2" & 5x4 1/4"	Galvanized
X3742A1	14 x 5"	+15	5 x 4 3/4"	Galvanized

X3742



SMALL STEEL RIMS - 8" / 12"

Rim Only	Rim Size	Rim Offset	Stud Pattern	Finish
X3700	8 x 3.75"	0	4 x 4"	Galvanized
X3701	8 x 5.375"	0	4 x 4"	Galvanized
X3702	8 x 7"	0	4 x 4"	Galvanized
X3707	9 x 9"	0	4 x 4"	Galvanized
X3703	10 x 4"	0	4 x 4"	Galvanized
X3704	10 x 6"	0	4 x 4"	Galvanized
X3705	10 x 6"	0	5 x 4 1/2"	Galvanized

X3701



INTEGRAL BEARING RIMS

Rim Only	Rim Size	Finish
X3700I	8 x 3.75"	Zinc plated, Painted and clear coated
X3701I	8 x 5.375"	Zinc plated, Painted and clear coated
X3702I	8 x 7"	Zinc plated, Painted and clear coated

PRO TIP

All Integral Rims are supplied including bearings, seal, and 52mm dust cap.

X3701I



JOCKEY WHEELS & STANDS

JOCKEY WHEELS & STANDS



JOCKEY WHEELS & STANDS

IMPROVED | STRONGER | SAFER

INTRODUCING THE NEW V-SERIES

Sideways load kills more jockey wheels than anything else! And nobody knows this better than trailer hire companies and users of heavy trailers, who suffer frequent jockey wheel breakages in this way.

Based on feedback from some of the biggest trailer hire companies in Australia, Trailparts V-Series jockey wheels better withstand sideways load, improving user safety and service life.

Heavy-duty handle and screw

V-series jockey wheels all use a 20% heavier duty winding screw than in standard models. And atop that is a compact foldaway heavy duty handle with a 16mm shaft.

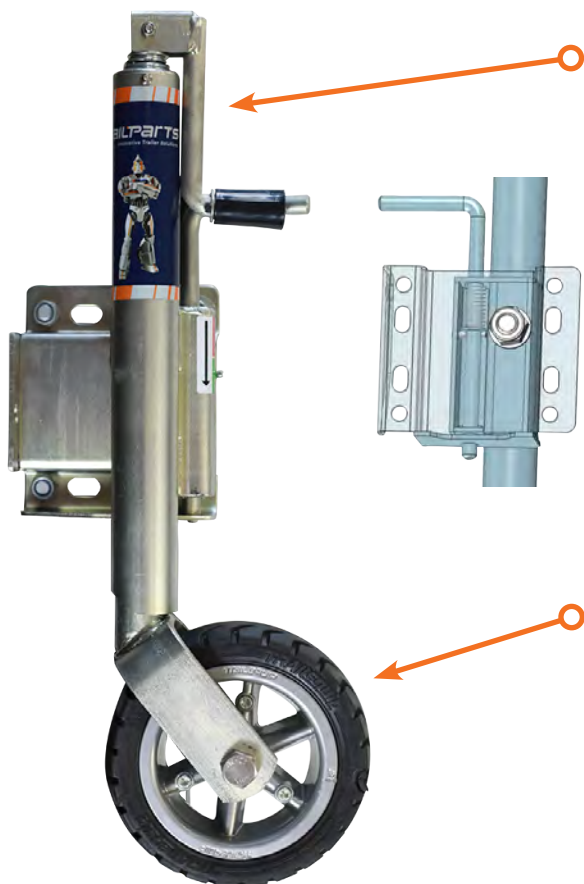
Unique and Improved Swivel Mechanism

The Trailparts V-series swivel bracket has a two-point engagement mechanism that resists sideways load. Further improvements are the swivel pin – which remains static in the bracket during swiveling (no more caught fingers) – and the short distance between the two parts of the swivel bracket (no more bent pins).

All-New High Load Alloy Wheel

A newly developed high-load alloy wheel is also released on these. The 190 x 75mm virgin rubber tyre is designed so that it won't slip on the rim under heavy load or skid on stones on concrete; and the extra width means it is easier to push on soft and uneven surfaces.

NOTE: JZV7 series only



6" PLASTIC WHEEL V-PIN



- 150mmØ x 20mm Plastic/Nylon Wheel
- Zinc plated finish.
- Foldaway heavy duty handle with 16mm shaft .
- Two point engagement mechanism that resists sideways loads.
- 150 kg load capacity
- 260 mm height adjustment
- 365mm from ground to centre of swivel bracket
- 590mm overall closed height
- U-bolt on

JOCKEY WHEELS & STANDS

6" PLASTIC WHEEL V-PIN - HIGH BRACKET

JZV6H



- 150mmØ x 20mm Plastic/Nylon Wheel
- Zinc plated finish.
- Foldaway heavy duty handle with 16mm shaft .
- Two point engagement mechanism that resists sideways loads.
- 175 kg load capacity
- 260 mm height adjustment
- 365mm from ground to centre of swivel bracket
- 590mm overall closed height
- U-bolt on

7" ALLOY WHEEL V-PIN - HIGH BRACKET

JZV7H



- 190mmØ x 75mm Alloy/Nylon Wheel
- Zinc plated finish.
- Foldaway heavy duty handle with 16mm shaft .
- Two point engagement mechanism that resists sideways loads.
- 275 kg load capacity
- 270 mm height adjustment
- 365mm from ground to centre of swivel bracket
- 620mm overall closed height
- 2-hole bolt on, U-bolt on, and weld on mount options available

7" ALLOY WHEEL V-PIN - HIGH BRACKET, DUAL WHEEL

JZV7HD



- 190mmØ x 75mm Alloy/Nylon Dual Wheels
- Zinc plated finish.
- Foldaway heavy duty handle with 16mm shaft .
- Two point engagement mechanism that resists sideways loads.
- 350 kg load capacity
- 270 mm height adjustment
- 365mm from ground to centre of swivel bracket
- 620mm overall closed height
- U-bolt on

Innovative, wireless brake control technology up to 3500kg

- Tow with **ANY** tow vehicle.
- No vehicle setup required.
- Easily operated by anyone.

CREDO

See pages 58-61 for more details



JOCKEY WHEELS & STANDS

6" WHEEL - SWIVEL TYPE

JZ6B



- 150mmØ x 50mm solid tyre.
- Zinc plated finish.
- Heavy 8mm yoke and swivel plates.
- Strong square profile winding thread.
- 150 kg load capacity.
- 250 mm height adjustment.
- 245mm from ground to centre of swivel bracket.
- 570mm overall closed height.
- 2-hole bolt on, U-bolt on, and weld on mount options available.

Code	Description
JZ6B	With 2 hole bolt on swivel bracket
JZ6U	With U-Bolt on swivel bracket
JZ6W	With bare weld on swivel bracket

2-hole Bolt on



U-Bolt on



Weld on



7" ALLOY WHEEL - SWIVEL TYPE

JZ7B



- 190mmØ x 75mm Alloy Rim.
- Zinc plated finish.
- Heavy 8mm yoke and swivel plates.
- Strong square profile winding thread.
- 250 kg load capacity.
- 275 mm height adjustment.
- 290mm from ground to centre of swivel bracket.
- 610mm overall closed height.
- 2-hole bolt on, U-bolt on, and weld on mount options available.

Code	Description
JZ7B	With 2 hole bolt on swivel bracket
JZ7U	With U-Bolt on swivel bracket
JZ7W	With bare weld on swivel bracket

2-hole Bolt on



U-Bolt on



Weld on



JOCKEY WHEELS & STANDS

8" WHEEL - SWIVEL TYPE, GALV

JT8BG



- 200mmØ x 50mm solid tyre.
- Galvanized finish.
- Heavy 8mm yoke and swivel plates.
- Strong square profile winding thread.
- 220 kg load capacity.
- 250 mm height adjustment.
- 320mm from ground to centre of swivel bracket.
- 610mm overall closed height.
- 2-hole bolt on, U-bolt on, and weld on mount options available.

Code	Description
JT8BG	With 2 hole bolt on swivel bracket
JT8UG	With U-Bolt on swivel bracket
JT8WG	With bare weld on swivel bracket

2-hole Bolt on



U-Bolt on



Weld on



8" HEAVY DUTY - SWIVEL TYPE, CP14SN

J2911S



- 190mmØ x 75mm Solid Nylon
- Zinc plated finish
- Cast winding handle
- Strong square profile winding thread
- Supplied with 2-hole bolt on bracket
- 200 kg load capacity
- 260mm height adjustment
- 290mm from ground to centre of swivel bracket
- 600mm overall closed height

8" HEAVY DUTY - SWIVEL TYPE, CP14SH

J2911H



- 250mmØ x 75mm Solid Nylon, Alloy Rim
- Zinc plated finish
- Cast winding handle
- Strong square profile winding thread
- Supplied with 2-hole bolt on bracket
- 250 kg load capacity
- 300mm height adjustment
- 290mm from ground to centre of swivel bracket
- 600mm overall closed height



JOCKEY WHEELS & STANDS

8" HEAVY DUTY - SWIVEL TYPE, DUAL WHEEL, CP15SH

J2912



- Dual 200mmØ x 64mm Solid Nylon, Die Cast Rim
- Zinc plated finish
- Cast winding handle
- Strong square profile winding thread
- Supplied with 2-hole bolt on bracket
- 500 kg load capacity
- 300mm height adjustment
- 250mm from ground to centre of swivel bracket
- 560mm overall closed height

800KG STAND

JTS75S



- 2 bolt, weld on, or U-bolt mount available
- Broad foot for stability
- Swivel bolt centre to ground only 190mm
- 430mm high overall
- 270mm height adjustment
- 800kg rated
- Zinc Plated finish

Code	Description
JTS75S	With 2 hole bolt on swivel bracket
JTS75SW	With U-Bolt on swivel bracket
JTS75SU	With bare weld on swivel bracket

2-hole Bolt on



U-Bolt on



Weld on



900KG STAND - CP8S

J2971



- Supplied with 2-hole bolt on bracket
- Swivel bolt centre to ground 260mm
- 540mm high overall
- 400mm height adjustment
- 900kg rated
- Zinc Plated finish

JOCKEY WHEELS & STANDS

2000kg STAND - CP10S

J2973



- Supplied with 2-hole bolt on bracket
- Heavy duty 50mm square body
- Swivel bolt centre to ground 330mm
- 610mm high overall
- 400mm height adjustment
- 2000kg rated
- Zinc Plated finish

2500kg STAND - CP9S

J2972



- Supplied with 2-hole bolt on bracket
- Heavy duty 50mm square body
- Swivel bolt centre to ground 330mm
- 590mm high overall
- 400mm height adjustment
- 2500kg rated

MACHINERY STAND

J2975



- Can be attached using holes, bracket, or being welded.
- Heavy duty 65mm square body
- 730mm high overall
- 375mm of screw adjustment
- 5000kg rated
- Zinc Plated finish
- **Bracket to be ordered separately**

J2975BR



Code	Description
J2975	5000kg Machinery Stand
J2975BR	Mounting bracket for sliding height adjustment



JOCKEY WHEELS & STANDS

CORNER STEADIES

J2941



Popular and commonly used weld on caravan corner steadies. J2940 winds down; J2947 swivels down and is adjusted by winding using J2945 handle. Handles are ordered separately to corner steadies.

Code	Description
J2940	Wind down corner steadies - Non Rated
J2941	Wind down corner steadies - Rated 1150kg
J2947	Swiveling corner steadies - Non Rated
J2945	Winding handle

J2940



J2947



J2945



HANDLES

J3002



JTH03



JTH05



Code	Description	Suits
J3002	Suits Christine jockey wheels & stands	Suits J2910/J2970
JTH03	Alloy Cast jockey wheel handle	Suits JT8 series
JTH05	Alloy Cast jockey wheel handle	Suits JZV Series

SWIVEL PINS

JTSPIN



Code	Description	Suits
JTSPIN	14mm Swivel Pin assy	Trailparts™ series, J2910 series, J2970 series jockey wheels & stands

JOCKEY WHEELS & STANDS

WHEELS

J3010



J3015



J3020



JR7TA



Code	Description	Suits
J3010	140mm solid rubber	JT6S – 12mm shaft & JZ6 series
J3015	250x4 solid wheel, nylon centre	J2955 – 19mm shaft
J3020	250x4 solid wheel, nylon centre	Trailparts™ series – 16mm shaft
JR7TA	7" Alloy Wheel	JZ7 series

SWIVEL MOUNTS

JTSP



JTSPU



JTSPW



Code	Description	Suits
JTSP	Bolt on swivel plate	Trailparts™ series, J2910 series, J2970 series jockey wheels and stands
JTSPW	Weld on swivel plate	Trailparts™ series, J2910 series, J2970 series jockey wheels and stands
JTSPU	U-bolt on swivel plate	Trailparts™ series, J2910 series, J2970 series jockey wheels and stands



NOTES

Handwriting practice lines for notes.



TRAILER WINCHES

W4704



W4702



W4703



W4700



W4701



W4706



Code	Ratio	Rated	Finish	Description
W4700	1:1	260kg	Galvanised	Suits boats up to 4.5m (15ft)
W4701	3:1	450kg	Galvanised	Suits boats up to 4.5m (15ft)
W4702	5:1 & 1:1	750kg	Galvanised	Suits medium boats ranging 4.5m (15ft) to 5.8m (19ft)
W4703	10:1 & 5:1	1150kg	Galvanised	Suits large boats over 5.8m (19ft)
W4704	15:1 & 5:1	1650kg	Galvanised	Suits large boats over 5.8m (19ft)
W4706	5:1 with clutch	400kg	Galvanised	Clutch mechanism allows controlled release. Handle is permanently attached.

TRAILER WINCH HANDLE

- Replacement winch handle for all W4700 - W4704 winches.
- Suits Christine Products winches only

W4710



TRAILER WINCH PARTS

Code	Description
W4711	Handle retaining shaft circlip
W4713	Nylon bush, 3/4" ID, 31mm flange
W4714	Nylon bush, 3/4" ID, 25mm flange
W4716	Ratchet pawl assembly, incl spring
W4717	Pawl spring only
W4718	Rope clamp assembly
W4719	Pinion gear only, 11 tooth

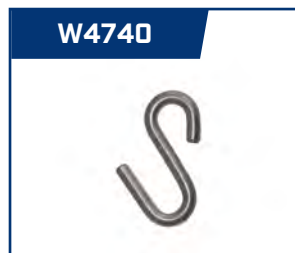
PRO TIP

All above trailer winch spare parts suit Christine Products winches



WINCH HOOKS

Code	Work Load	Description
W4740	700kg	10mm S-hook, stainless
W4741	1350kg	12mm S-hook, stainless
WHO40	2000kg	Cast cargo hook



SYNTHETIC ROPES

Code	Length	Break Strain	Work Load	Hook
W4722T	6m	1680kg	700kg	10mm 'S'
W4722TH	6m	3200kg	1350kg	12mm 'S'
W4722THC	6m	3200kg	2000kg	Cast 2T
W4723TH	7m	3200kg	1350kg	12mm 'S'
W4723THC	7m	3200kg	2000kg	Cast 2T
W4724TH	8m	3200kg	1350kg	12mm 'S'
W4724THC	8m	3200kg	2000kg	Cast 2T
W4726TH	10m	3200kg	1350kg	12mm 'S'
W4726THC	10m	3200kg	2000kg	Cast 2T



GALVANIZED WIRE ROPES

Code	Length	Thickness	Break Strain	Hook
W4730	4m	4mm	985kg	10mm 'S'
W4731	5m	4mm	985kg	10mm 'S'
W4732	6m	4mm	985kg	10mm 'S'
W4733	7m	5mm	1630kg	10mm 'S'
W4736	10m	6mm	2530kg	12mm 'S'
W4736C	10m	6mm	2530kg	Cast 2T



WINCHES

ATV/UTV ELECTRIC WINCHES 2500-3500LB

- 2 power options; 2500lb and 3500lb.
- Permanent magnet DC sealed motors.
- Power in and out, with freespool clutch.
- Includes a wireless remote control as standard.
- Includes all accessories as listed at right.
- Available in wire or synthetic rope options.
- Dimensions: 335L x 110W x 112H (mm).

Includes Wireless Remote ►



Image is example only

Accessories included:

Winch hook, mounting plate, battery cables, fairlead, pulley block, control box and wireless remote control, handheld controller and lead, handlebar mounted switch, pull strap, and mounting hardware.



Code	Capacity	Motor	Wire / Rope
WA25	2500lb	0.9hp/12v	4.8mm Wire / 15.2m
WA25SR	2500lb	0.9hp/12v	5mm Synthetic / 15.3m
WA35	3500lb	1.1hp/12v	4.8mm Wire / 15.2m
WA35SR	3500lb	1.1hp/12v	5mm Synthetic / 15.3m

trailmaxx WINCH
www.trailmaxx.co.nz

ATV/UTV ELECTRIC WINCHES 4000LB

- 4000lb capacity.
- Permanent magnet DC sealed motors.
- Power in and out, with freespool clutch.
- Includes a wireless remote control as standard.
- Includes all accessories as listed at right.
- Available in wire or synthetic rope option.
- Dimensions: 320L x 115W x 112H (mm).

Includes Wireless Remote ►



Image is example only

Accessories included:

Winch hook, mounting plate, battery cables, fairlead, pulley block, control box and wireless remote control, handheld controller and lead, handlebar mounted switch, pull strap, and mounting hardware.



Code	Capacity	Motor	Wire / Rope
WP40	4000lb	1.3hp/12v	5.5mm Wire / 15.2m
WP40SR	4000lb	1.3hp/24v	6mm Synthetic / 15.3m

trailmaxx WINCH
www.trailmaxx.co.nz

4WD & RECOVERY WINCHES 6000LB

- 6000lb capacity.
- Series Wound DC sealed motors.
- Power in and out, with freespool clutch.
- Includes a wireless remote control as standard.
- Includes all accessories as listed at right.
- Available in synthetic rope options.
- Dimensions: 440L x 160W x 218H (mm).

Includes Wireless Remote ►



Image is example only

Accessories included:

Winch hook, battery cables, fairlead, pulley block, control box and wireless remote control, handheld controller and lead, pull strap, and mounting hardware.



Code	Capacity	Motor	Wire / Rope
WF60	6000lb	5.2hp/12v	7.2mm Wire / 24m
WF60SR	6000lb	5.2hp/12v	7mm Synthetic / 24m

trailmaxx WINCH
www.trailmaxx.co.nz

4WD & RECOVERY WINCHES 12000LB

- 12000lb capacity.
- Series Wound DC sealed motors.
- Power in and out, with freespool clutch.
- Includes a wireless remote control as standard.
- Includes all accessories as listed at right.
- Available in synthetic rope options.
- Dimensions: 530L x 160W x 218H (mm).

Includes Wireless Remote ►



Image is example only

Accessories included:

Winch hook, battery cables, fairlead, pulley block, control box and wireless remote control, handheld controller and lead, pull strap, and mounting hardware.



Code	Capacity	Motor	Wire / Rope
WF120	12000lb	6hp/12v	9.5mm Wire / 26m
WF120SR	12000lb	6hp/12v	10mm Synthetic / 26m

trailmaxx WINCH
www.trailmaxx.co.nz



NOTES

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WINCHES

BOAT ROLLERS & PARTS

BOAT ROLLERS & PARTS



BOAT ROLLERS & PARTS

WOBBLE ROLLER SYSTEMS

The multi-wobble roller system is the option preferred by most OEM boat trailer manufacturers for boat support and retrieval. Available as eights, quads, dual or single assemblies, they offer excellent hull support, and make unloading and retrieval of the boat a simple task. All pivot points are offset so that the rollers are pointing towards both the keel and stern of the boat. All components are galvanized for long life, and available in sizes to suit every application.

EIGHT WOBBLE SETS

- Galvanized arms, supports, and uprights
- Available in multiple lengths and widths as shown.
- Sets include retaining washers and stainless split pins.
- Excludes wobble rollers. *See next page*

Code	Width	Length
R3950-35	300mm	500mm
R3950-36	300mm	600mm
R3950-45	400mm	500mm
R3950-46	400mm	600mm



QUAD WOBBLE SETS

- Galvanized arms, supports, and uprights
- Available in multiple lengths and widths as shown.
- Sets include retaining washers and stainless split pins.
- Excludes wobble rollers. *See next page*

Code	Width	Length
R3952-33	300mm	300mm
R3952-34	300mm	400mm
R3952-35	300mm	500mm
R3952-36	300mm	600mm
R3952-43	400mm	300mm
R3952-44	400mm	400mm
R3952-45	400mm	500mm
R3952-46	400mm	600mm
R3952-53	500mm	300mm
R3952-54	500mm	400mm
R3952-55	500mm	500mm
R3952-56	500mm	600mm
R3952-63	600mm	300mm
R3952-64	600mm	400mm
R3952-65	600mm	500mm
R3952-66	600mm	600mm



BOAT ROLLERS & PARTS

DUAL WOBBLE SETS

- Galvanized arms, and uprights
- Available in multiple lengths and widths as shown.
- Sets include retaining washers and stainless split pins.
- Excludes wobble rollers. *See bottom of page*

Code	Width
R3954-3	300mm
R3954-4	400mm
R3954-5	500mm
R3954-6	600mm

R3954-4



SINGLE WOBBLE STAND

- Sets include retaining washers and stainless split pins.
- Excludes wobble rollers. *See bottom of page*

R3956



WOBBLE ROLLERS

- Non marking grey treads
- Unique and trademarked continuous contact surface encourages rollers to turn more easily.
- UV Stabilized plastics.

Code	Description
R3945	130mm diameter, 26mm bore, wide bush

R3945



LOOKING FOR MARINE TAILLIGHTS? - *See more on page 102*

SUBMERSIBLE LED TAIL LAMPS

- Compact size – 160L x 80W x 30D (mm)
- Strong impact resistant Polycarbonate lens.
- Inbuilt retro-reflector.
- 10-30v capable.
- E-mark (E4) certified.
- Cable length options up to 8m.
- Two number plate lamp orientation options.
- 8m Cable option is fully submersible.**



BOAT ROLLERS & PARTS

WOBBLE ROLLER UPRIGHTS

- 40mm RHS.
- Galvanized finish.
- Bolts/nuts as shown included.

Code	Description
R3960	Wobble roller upright mount, suits Eights and Quads
R3961	Wobble roller upright mount, suits Duals
RM1690BOLG	M16 mounting bolt and nyloc nut, suits R3960 upright
RM2050BOLG	M20 mounting bolt and nyloc nut, suits R3961 upright

R3960



R3961



WOBBLE ARMS - DUALS & QUADS

- 25mm solid shaft.
- Galvanized finish.
- Washers/stainless split pins as shown included.

Code	Total Length	Side	A (mm)	B (mm)
R3973L	300mm	Left Hand	125	175
R3973R	300mm	Right Hand	175	125
R3974L	400mm	Left Hand	175	225
R3974R	400mm	Right Hand	225	175
R3975L	500mm	Left Hand	225	275
R3975R	500mm	Right Hand	275	225
R3976L	600mm	Left Hand	275	325
R3976R	600mm	Right Hand	325	275

R3974L



Note: These are left and right handed so check your measurements against the table before ordering.

WOBBLE ARMS - EIGHTS

- 20mm solid shaft.
- Galvanized finish.
- Washers/stainless split pins as shown included
- Sold individually

Code	Description
R3978	600mm wobble arm Sold individually

R3978



BOAT ROLLERS & PARTS

SUPPORT ARMS - EIGHTS & QUADS

- 40mm RHS.
- Galvanized finish.
- Nyloc nuts as shown included.
- Sold individually

Code	Description
R3964	300mm support arm
R3965	400mm support arm
R3966	500mm support arm
R3967	600mm support arm

R3965



SUPPORT ARMS - EIGHTS

- 40mm RHS.
- Galvanized finish.
- Nyloc nuts as shown included.
- Sold individually

Code	Total Length	Side	A (mm)	B (mm)
R3970L	400mm	Left Hand	175	225
R3970R	400mm	Right Hand	225	175
R3971L	500mm	Left Hand	225	275
R3971R	500mm	Right Hand	275	225

R3970L



Note: These are left and right handed so check your measurements against the table before ordering.

WOBBLE ROLLER PARTS

Code	Description
RM1690BOLG	Galvanized bolt & nut M16 x 90mm
RM2050BOLG	Zinc bolt & galv nyloc nut M20 x50mm
R3985	Galvanized retaining washer 20mm ID
R986	Galvanized retaining washer 25mm ID
R3987	Stainless steel split pin, 4mm x 50mm

RM1690BOLG



RM2050BOLG



R3986



R3987



WOBBLE ROLLER MOUNT KITS

Wobble mount kits are supplied with a plate, 2 x U-bolts and nyloc nuts. All plates have hole dimensions of 80 x 40mm between holes.

Code	Plate Dimensions	U-Bolt ID x2
R3980	120 x 80 x 6mm	110L x 40W x M10
R3981	120 x 80 x 6mm	145L x 40W x M10
R3983	120 x 80 x 8mm	110L x 40W x M10
R3984	120 x 80 x 8mm	145L x 40W x M10

R3980



BOAT ROLLERS & PARTS

ROLLER PINS - STAINLESS

- Stainless roller pins are manufactured using 304 stainless.
- Each pin supplied with 2 x R3917 split pins.

Code	Size	Suit Roller
R3900	105 x 16mm	To 75mm
R3901	115 x 16mm	81 - 86mm
R3902	135 x 16mm	100 - 105mm
R3903	145 x 16mm	105 - 115mm
R3904	170 x 16mm	136 - 142mm
R3905	180 x 16mm	150mm
R3906	190 x 16mm	160mm
R3908	230 x 16mm	200mm
R3910	230 x 19mm	200mm
R3911	300 x 19mm	270mm
R3912	330 x 19mm	300mm
R3913	355 x 19mm	325mm
R3917	3.2 x 32mm	All

R3903



R3917



ROLLER BRACKETS

Code	Size (mm) ID	Suits up to	Finish
R3840	80L x 40W	75mm; 70Ø	Galvanized
R3841	80L x 40W	75mm; 70Ø	Bare
R3842	120L x 40W	115mm; 70Ø	Galvanized
R3843	120L x 40W	115mm; 70Ø	Bare
R3844	200L x 50W	200mm; 70Ø	Galvanized
R3845	200L x 50W	200mm; 70Ø	Bare

R3842



ROLLER BUSHES

Code	Length	ID x OD x Flange
R3915	70mm	16.5 x 19.5 x 27.5mm
R3916	30mm	16.5 x 19.5 x 27.5mm

R3916



KEEL ROLLERS

Note: Roller lengths given are overall measurements, and include bush flanges where these are fitted.

Flanged Rubber Rollers

Code	Length	Flange Ø	Core Ø	Shaft
R3850	75mm	61mm	37mm	16mm
R3851	100mm	59mm	44mm	16mm
R3852	115mm	70mm	51mm	16mm
R3853	150mm	70mm	51mm	16mm
R3854	200mm	70mm	50mm	16mm



Curved Rubber Rollers

Code	Length	Flange Ø	Core Ø	Shaft
R3860	200mm	70mm	46mm	16mm
R3861	310mm	83mm	55mm	19mm



Flat Rubber Rollers

Code	Length	Core Ø	Shaft
R3864	115mm	60mm	16mm
R3865	150mm	60mm	16mm
R3866	195mm	60mm	16mm
R3867	297mm	60mm	19mm



Self Centre Rubber Rollers

Code	Length	Flange Ø	Core Ø	Shaft
R3870	157mm	70mm	45mm	16mm
R3871	193mm	70mm	45mm	16mm
R3872	294mm	78mm	52mm	19mm



Self Centre Alloy Rollers

Code	Length	Flange Ø	Core Ø	Shaft
R3873	287mm	65mm	40mm	19mm



BOAT ROLLERS & PARTS

KEEL ROLLERS CONT.

Alloy Keel Rollers

Code	Length	Flange Ø	Core Ø	Shaft
R3887	82mm	68mm	42mm	16mm
R3888	77mm	60mm	40mm	16mm

R3887



R3888



Mk1 Roller

Code	Length	Flange Ø	Core Ø	Shaft
R3875	85mm	89mm	58mm	16mm

R3875



Mk2 Roller

Code	Length	Flange Ø	Core Ø	Shaft
R3876	85mm	90mm	59mm	16mm

R3876



Mk2A Roller

Code	Length	Flange Ø	Core Ø	Shaft
R3876A	94mm	88mm	55mm	16mm

R3876A



NEW
INNOVATION

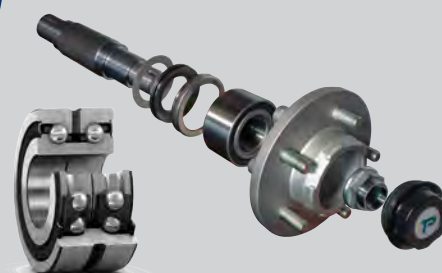
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**SEALED-FOR LIFE
UNITISED BEARING**

Low Maintenance & Servicing Cost

- External secondary seals.
- Optimised wheel end design for safer towing.
- Hygo MkII Compatible.

See more on pages 23-27



KEEL ROLLERS CONT.

Mk4A Roller

Code	Length	Flange Ø	Core Ø	Shaft
R3878	190mm	88mm	63mm	16mm

R3878



Mk5A Roller

Code	Length	Flange Ø	Core Ø	Shaft
R3880	142mm	89mm	64mm	16mm

R3880



Mk6 Roller

Code	Length	Flange Ø	Core Ø	Shaft
R3881	270mm	78mm	60mm	19mm

R3881



Mk7 Roller

Code	Length	Flange Ø	Core Ø	Shaft
R3882	230mm	78mm	60mm	19mm

R3882



Mk8 Roller

Code	Length	Flange Ø	Core Ø	Shaft
R3883	207mm	78mm	60mm	19mm

R3883



BOAT ROLLERS & PARTS

KEEL ROLLERS CONT.

Mk9 Roller

Code	Length	Flange Ø	Core Ø	Shaft
R3884	182mm	78mm	60mm	19mm

R3884



Mk10 Roller

Code	Length	Flange Ø	Core Ø	Shaft
R3885	136mm	91mm	60mm	16mm

R3885



Mk11 Roller

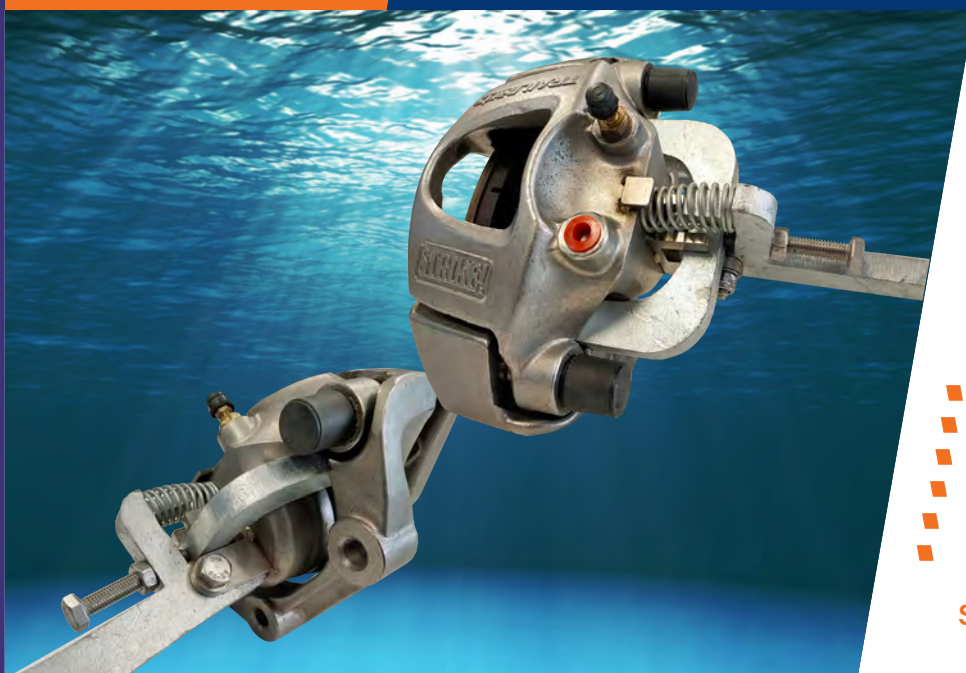
Code	Length	Flange Ø	Core Ø	Shaft
R3886	325mm	102mm	72mm	19mm

R3886



NEW INNOVATION

STAINLESS CALIPER WITH HANDBRAKE



Ultimate Corrosion Resistance on Marine Trailers

- Compact slim design
- Full stainless steel caliper body
- Stainless slide pins and piston
- Galvanised steel handbrake
- Stainless spring and fasteners
- Easy to service caliper design

See more on page 47

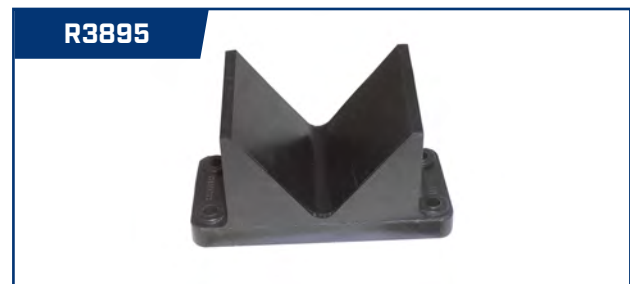
BOAT ROLLERS & PARTS

BOLT THROUGH SNUB BLOCKS



Code	Thickness	Height	Shaft Block	O/A Width	Shaft
R3891	33mm	94mm	98mm	140mm	12mm
R3892	50mm	75mm	50mm	98mm	12mm
R3893	76mm	100mm	76mm	167mm	12mm

BOLT ON SNUB BLOCKS



Code	Thickness	Height	O/A Width	Hole Centres	Note
R3894	50mm	85mm	150mm	34 x 128mm	Solid back
R3895	77mm	83-100mm	162mm	50 x 136mm	Solid back

SNUB ROLLERS



Code	Length	Flange Ø	Core Ø	Shaft
R3896	75mm	98mm	35mm	12mm
R3897	80mm	74mm	40mm	12mm
R3898	95mm	87mm	46mm	12mm



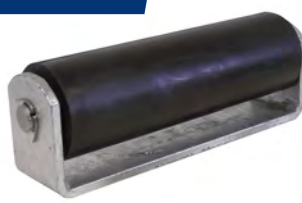
BOAT ROLLERS & PARTS

KEEL ROLLER ASSEMBLIES

R3920



R3926



R3828



Code	Roller
R3920	75mm - R3850 Keel
R3922	115mm - R3852 Keel
R3923	200mm - R3854 Keel
R3925	115mm - R3864 Flat
R3926	200mm - R3866 Flat
R3928	200mm - R3860 Curved
R3929	200mm - R3871 Self Centre

For ease of ordering, a selection of our most common boat rollers are available in preassembled sets, using stainless pins and split pins, and galvanized brackets.

POLYPROPYLENE SKID STRIP

Trailparts™ skid strip is manufactured using hardwearing blue or black polypropylene, and is easy to apply, as it has a recessed groove for fasteners. It is 50mm wide and 12mm deep, and available in 50m rolls, or in cut lengths ordered per metre.

Code	Roller
R3995	Skid strip, black, order per metre.

R3995



CREDO

**Innovative, wireless
brake control technology**

See more on pages 58-61

- Easy to use, multi-vehicle brake control for trailers up to **3500kg**
- Touch screen for simple and intuitive operation
- Fully compatible with 12v and 24v vehicles



TOWBAR PRODUCTS



TOWBAR PRODUCTS



TOWBAR PRODUCTS

TOWBALLS - 1 7/8"

Code	Shank/Rating	Shank Length	Finish
T4350	3/4" - 2000kg	45mm	Bright zinc
T4351	3/4" - 2000kg	45mm	Chrome
T4353	3/4" - 2000kg	65mm	Chrome
T4360SHORT	7/8" - 3500kg	50mm	Chrome
T4360	7/8" - 3500kg	65mm	Chrome
T4360Z	7/8" - 3500kg	65mm	Bright zinc
T4363	1" - 3500kg	65mm	Chrome
T4363Z	1" - 3500kg	65mm	Bright zinc

T4351



TOWBALLS - 50MM

Code	Shank/Rating	Shank Length	Finish
T4352	3/4" - 2000kg	45mm	Chrome
T4364	1" - 3500kg	65mm	Chrome

T4352



TOWBALLS - 50MM HIGH RISE

Code	Shank/Rating	Shank Length	Finish
T4365K	3/4" - 3500kg	65mm	Bright zinc
T4366K	7/8" - 3500kg	65mm	Bright zinc
T4367K	1" - 3500kg	65mm	Bright zinc

Note: High-rise towballs are designed for AI-Ko(TM) anti-sway couplings, and must be used in conjunction with T4365P plates.

T4365K



CUSTOMIZED TOWBALL OPTIONS

Trailquip offer indent purchased towballs customized to include the customer's name on the top flat surface. Minimum order quantities do apply of 1000 pieces. Contact us or your Account Manager to discuss these options.



TOWBALL COVERS

- Includes display carton when brought in packs of 12
- Suits both 50 mm and 1 7/8 " towballs
- Protects clothing from grease

T4385



SHIN PROTECTOR

- Soft rubber outer, steel centre
- Secure once fitted

T4370



LOCKING HITCH PIN

- Bright zinc finish
- Prevents towbar hitch theft
- 5/8 " (16 mm) x 80 mm – suits 65mm and 75mm receivers
- Includes 2 keys and R-clip

T4390



HITCH PIN

- Bright zinc finish
- 5/8 " (16mm) pin diameter
- Suits 65mm and 75mm receivers
- Includes R-clip

T4395



BACKING GUIDE

- Zinc plated finish
- Protects car bumpers from damage
- Simplifies coupling of trailer
- Includes Dee-shackle
- Guide wings are removable

T4380



NOTES

Notes section with horizontal dashed lines for writing.

SECURITY PRODUCTS & MISC

SECURITY PRODUCTS & MISC



COUPLING LOCKS

- Security lock to suit Trailparts, Trojan™, and Viking™ lever couplings.
- Hardened steel pin with Chrome plated finish
- Easy to fit
- Rubber dust cover seals key entry area.
- Pin size: 3/8" Ø x 69mmL.
- Blister packed for ease of resale

P4488BL



TRAILER COP™ COUPLING LOCKS

These locks are designed to safely lock the trailer off the car, are tamper resistant and difficult to access when fitted. When ordering for Autofit™ couplings, order the smaller size option, **P4481**.

- Robust die cast construction
- Locks trailer off the tow vehicle
- Keyed alike locking available

P4481



Code	Description
P4480	To suit 50mm couplings
P4481	To suit 1 7/8" couplings

PLUNGER COUPLING LOCKS

These locks can only be used with plunger style couplings that have a front adjuster bolt.

- All steel, robust construction
- Includes padlock
- Zinc plated finish
- Locks trailer on and off the tow vehicle.

P4484



COUPLING LOCKS

These locks are designed for use with all Trailparts couplings, including Autofit(TM) versions.

- All steel, robust construction
- Inbuilt tamper resistant lock
- Locks trailer off the tow vehicle.

P4483



SECURITY PRODUCTS & MISC

WOF HOLDER

- Keeps WOF clean and dry
- Robust design

M2550



REGISTRATION HOLDER

- Keeps registration clean and dry
- Robust design

M2551



OUTBOARD VISIBILITY FLAG

- Easy to mount with draw-cord
- Includes 50mm wide reflective tape
- With loop to accept light if required

M2553



SPARE WHEEL HOLDER

- Mounts to either chassis or drawbar
- Includes mounting hardware as shown
- Lock and keys included
- Hot-dip galvanised

TR535080



NEW
INNOVATION

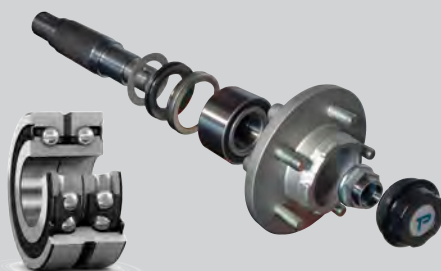
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**SEALED-FOR LIFE
UNITISED BEARING**

**Low Maintenance &
Servicing Cost**

- External secondary seals.
- Optimised wheel end design for safer towing.
- Hygo MkII Compatible.

See more on pages 23-27



TRAILPARTSTM
Innovative Trailer Solutions



We do the business.

SECURITY PRODUCTS & MISC

NOTES

SECURITY PRODUCTS & MISC

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CUSTOM AXLES

NO HASSLE NO WORRIES

18 MONTHS WARRANTY

ON CUSTOM AXLES AND OTHER TRAILPARTS COMPONENTS

We understand that axles are a crucial part of trailer building, which is why Trailparts™ pre-assembled axles come with a full 18 month warranty.

Trailer manufacturers are finding this service saves them time and staff capacity, while still giving them the confidence that their trailers aren't compromised in any way.

- Our axles are made on a laser-set jig which ensures accuracy, consistency and quality of our axles.
- Hubs are fitted, greased and ready to be bolted on your trailer.
- All welds on DURA GALV are protected by zinc paint.
- Packed and delivered to your door.



Axle quotation request

Business Name:

Contact Name:

Phone Number:

Order Number (If applicable):

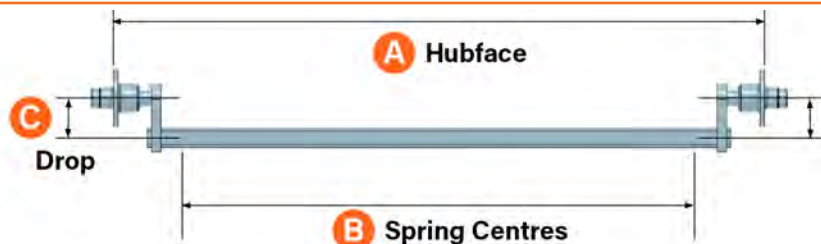
Email Address:

Axle type

1. ☐ Straight



2. ☐ Dropper Axle



3. ☐ Gullwing



Specifications

Overall Hub-face (A):

Spring Centre (B):

Dropper Height (C): ☐ 100mm

Gullwing Drop (D): ☐ 65mm ☐ 100mm

Gullwing V (E): ☐ 1250mm ☐ 1500mm

Chassis Width (Outside to outside in mm):

Note: This is the Chassis width not body

☐ Pre-Galvanised

☐ Hot Dip Galvanised ☐ Bare Steel

Box Section Size: ☐ 50x50mm ☐ 65x65mm

Axle Location: ☐ Under Spring (closer to road)

☐ Over Spring (closer to chassis)

Stud Pattern: ☐ 5 x 4½" ☐ 4 x 4"

☐ 6 x 5½" ☐ Custom

Note: Custom Stud patterns have a drilling fee and are non-returnable

Axle Capacity: ☐ 1500kg ☐ 1750kg

☐ 2500kg ☐ Other (Please Specify)

Quantity of Axles: Non-Braked

Electric Drum

Hydraulic Drum

Hydraulic Disc

Hub Type: ☐ Unihub ☐ Tapered bearing

Wheels: Trailparts to supply

Using Own* ☐ Offset

Tyre Size

*Offset and tyre size must be supplied.

Signature: Date:



PCD FINDER

Pitch Circle Diameter (PCD) is the measurement taken by finding the dead centre of the hub/wheel rim, and scribing a circle through the centre of each wheel stud or hole. As the illustrations show below, 4 stud and 6 stud PCD's are easy to find, but care must be taken when measuring for a 5 stud one, which can be done accurately by taking the measurement "A" in Fig.2, and calculating according to the formula given below. This measurement should be taken as accurately as possible, and not rounded.

4 STUD - 150mm Flange

Measure diagonally across opposite studs

COMMON 4 STUD PATTERNS

A (Inches)	A (mm)	PCD
3.93	100.00	4 x 100mm
4.00	101.60	4 x 4"
4.25	108.00	4 x 4 1/4"
4.50	114.30	4 x 4 1/2"

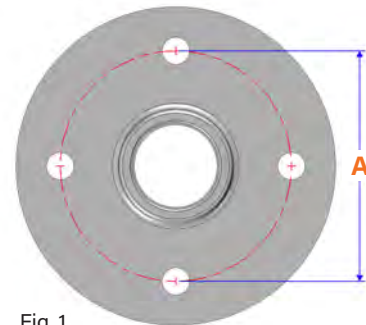


Fig. 1

5 STUD - 150mm Flange

Measure side by side stud centres then divide by 0.587785. This measurement should be taken as accurately as possible, and not rounded.

COMMON 5 STUD PATTERNS

A (Inches)	A (mm)	PCD	Suits
2.314	58.779	5 x 100mm	Camry
2.351	59.715	5 x 4"	AP5, AP6 Valiant
2.489	63.449	5 x 4 1/4"	Pre HQ Holden
2.645	67.183	5 x 4 1/2"	Falcon
2.777	70.535	5 x 120mm	BMW, Commodore
2.792	70.916	5 x 4 3/4"	Holden HQ
2.939	74.650	5 x 5"	Landrover, Delta

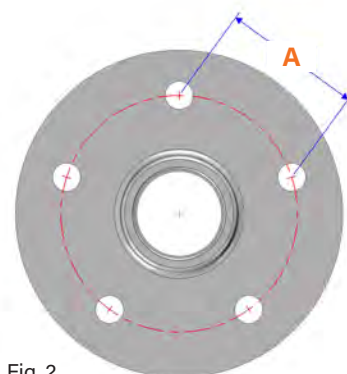


Fig. 2

6 STUD - 190mm Flange

Measure diagonally across opposite studs

COMMON 6 STUD PATTERNS

A (Inches)	A (mm)	PCD
5.50	139.70	6 x 5 1/2"

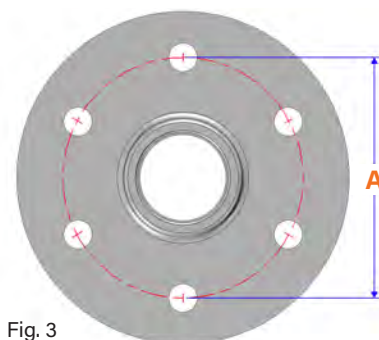


Fig. 3

CUSTOM STUD ORDER FORM

As the illustrations show below, 4 stud and 6 stud PCD's are easy to find, but care must be taken when measuring for a 5 stud one, which can be done accurately by taking the measurement "A" in Fig.2, and the Trailparts team will do the rest. This measurement should be taken as accurately as possible, and not rounded.

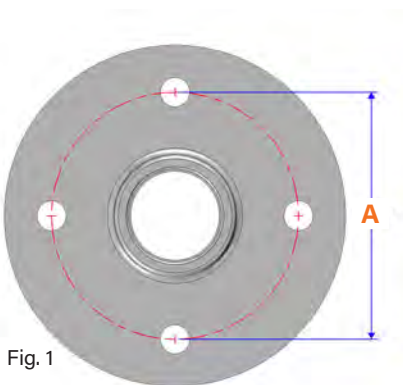


Fig. 1

4 STUD

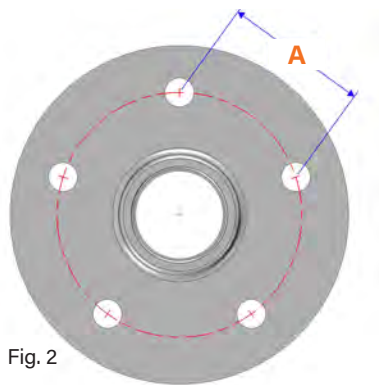


Fig. 2

5 STUD

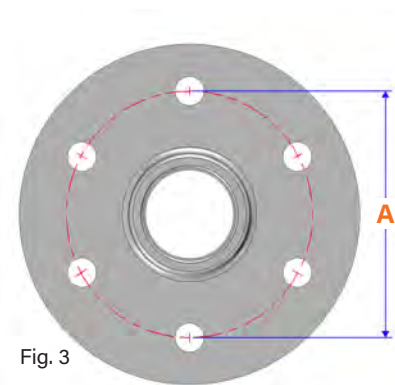


Fig. 3

6 STUD

NOTE: Non standard stud patterns may be subject to extra charges AND ARE NON RETURNABLE..

Business/Company:

Phone:

Customer Name:

Email:

Number of Studs:

Signed:

Stud measurement (A):

Date:

Stud size: ☐ 7/16" ☐ 1/2"

**NEW
INNOVATION**

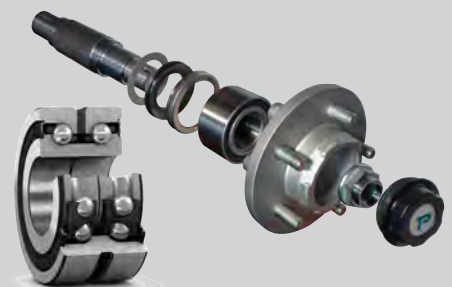
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Low Maintenance & Servicing Cost

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See more on page 16

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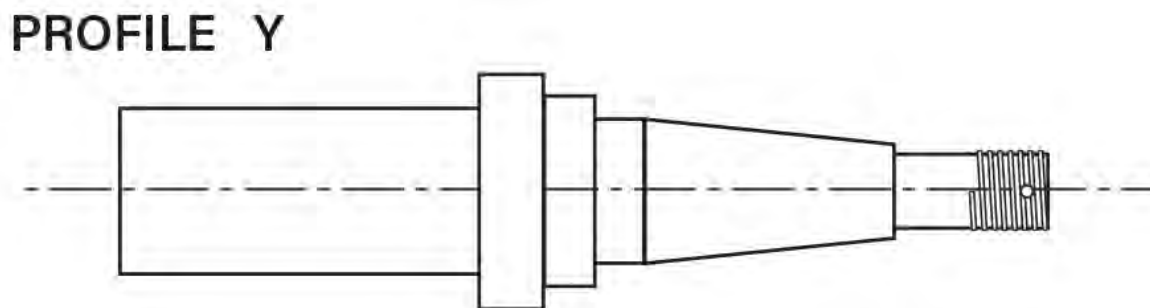
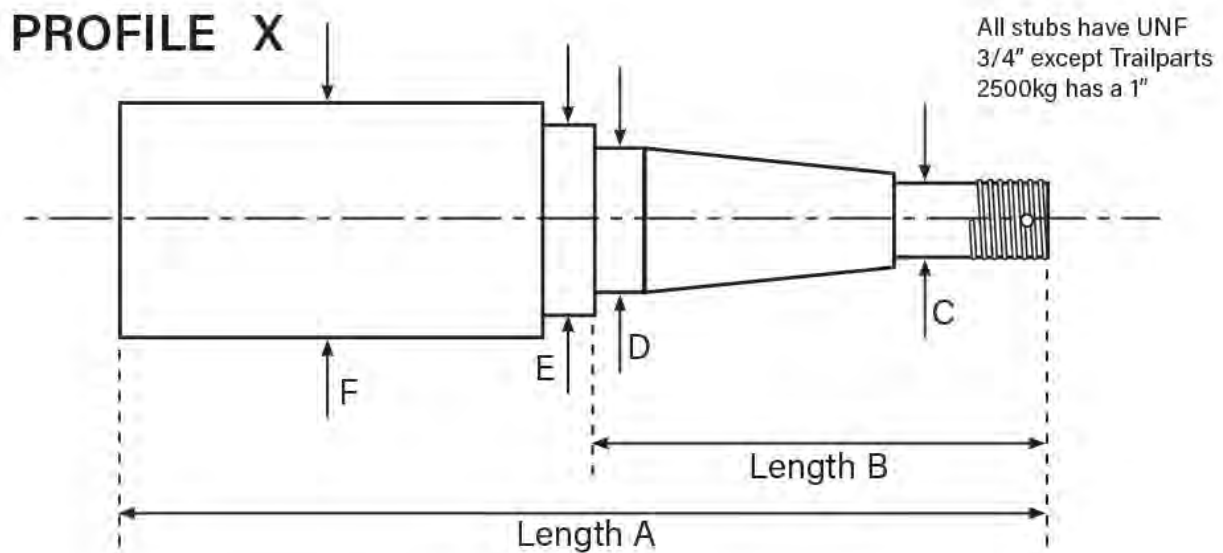
TrailPARTS™
Innovative Trailer Solutions



We do the business.

AXLE STUB DIMENSIONS - NON BRAKED

Note: Some of these stub axles are no longer available and are marked as N/A in the Code column.



Code	Description	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Profile
N/A	1000kg Trojan	260	92	19	25.4	31	32	X
N/A	1500kg Trojan	260	94.5	19	31.75	37	38	X
A5902	1500kg Trailparts	215	104	19	31.75	37	38	X
A5914EXTT	1750kg Trailparts	270	104	22	35	42.8	39	Y
A5912	1750kg Trailparts	215	104	22	35	42.8	45	X
N/A	2000kg Trojan	260	98.4	19	35	47	38	Y
TR994097	2000kg Trojan	260	117	26.98	35	47	38	Y
A5621	2500kg Trailparts	300	140	31.75	34.93	46	55	X

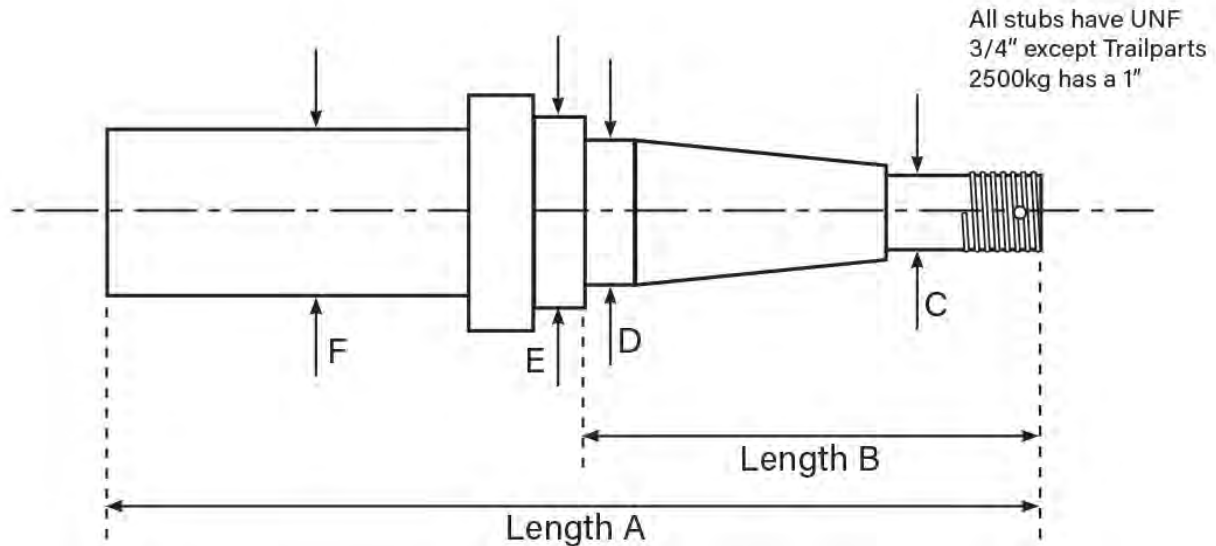
For full list of current stub axles available see 'Axle Components'

Note: All measurements give are approximates and may vary. Trailparts accept no liability for work conducted based off the measurements given on this page.

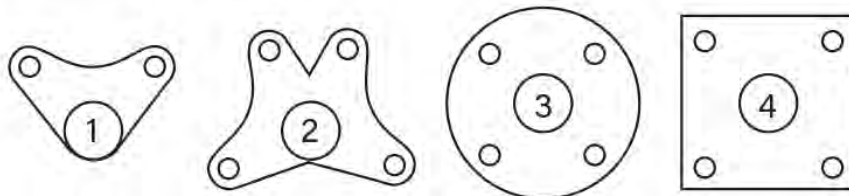
AXLE STUB DIMENSIONS - BRAKED

Braked stub axles come pre-welded with mounts for either calipers or backing plates. A range of different yoke profiles are available as shown below.

Note: Some of these stub axles are no longer available and are marked as N/A in the Code column.



MOUNT YOKE PROFILES



Code	Description	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Yoke
N/A	1500kg Trojan - 225mmØ disc	260	110	19	31.75	37	38	1
A5948	1500kg Trailparts - 225mmØ disc	260	104	19	31.75	37	38	1
A5949	1750kg Trailparts - 225mmØ disc	270	104	22	35	42.8	45	1
A5949T	1750kg Trailparts - 225mmØ disc	270	104	22	35	42.8	39	1
N/A	2000kg Trojan - 275mmØ disc	260	98.4	19	35	47	38	2
TR994297	2000kg Trojan - 275mmØ disc	260	117	26.98	35	47	38	2
A5930	1500kg Trailparts - 9" drum	225	104	19	31.75	37	38	3
A5931	1750kg Trailparts - 9" drum	225	104	22	35	42.8	45	3
A5935	1500kg Trailparts - 10" drum	225	104	19	31.75	37	38	4
A5936	1750kg Trailparts - 10" drum	225	104	22	35	42.8	45	4
A5626	2500kg Trailparts - 290mmØ vented disc	300	140	31.75	34.93	46	55	1

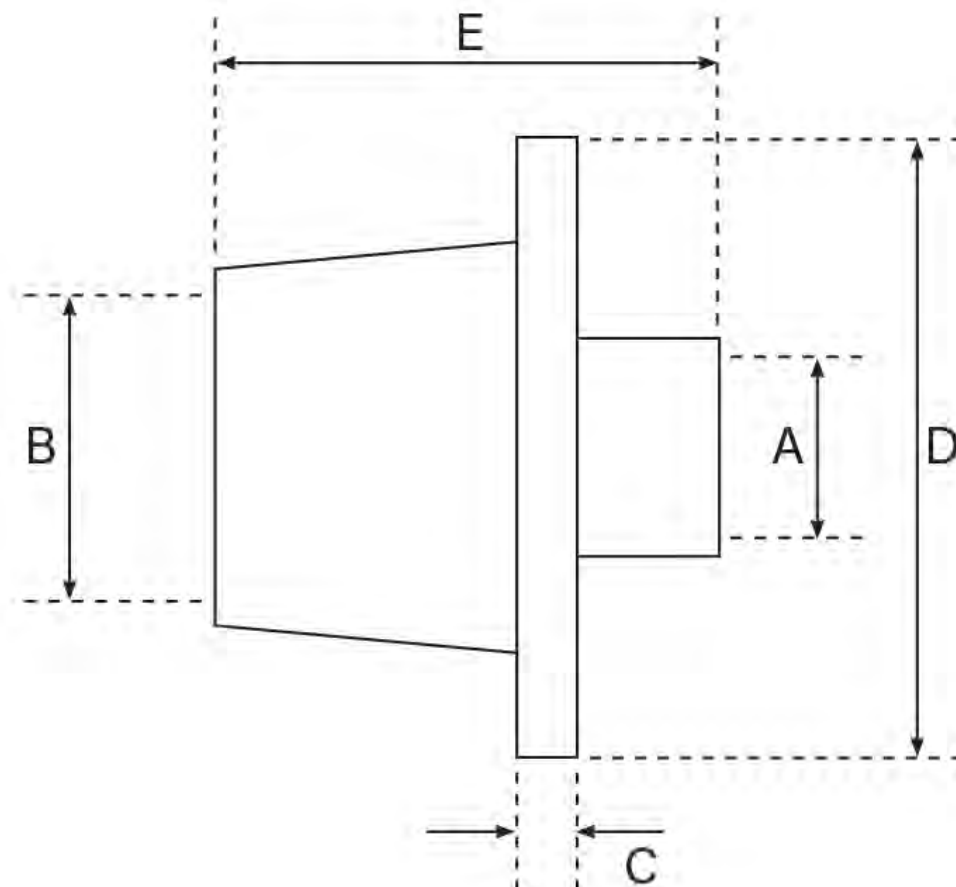
For full list of current stub axles available see 'Axle Components'

Note: All measurements give are approximates and may vary. Trailparts accept no liability for work conducted based off the measurements given on this page.



HUB DIMENSIONS - NON BRAKED

Note: Some of these hubs are no longer available and are marked as N/A in the Page column.



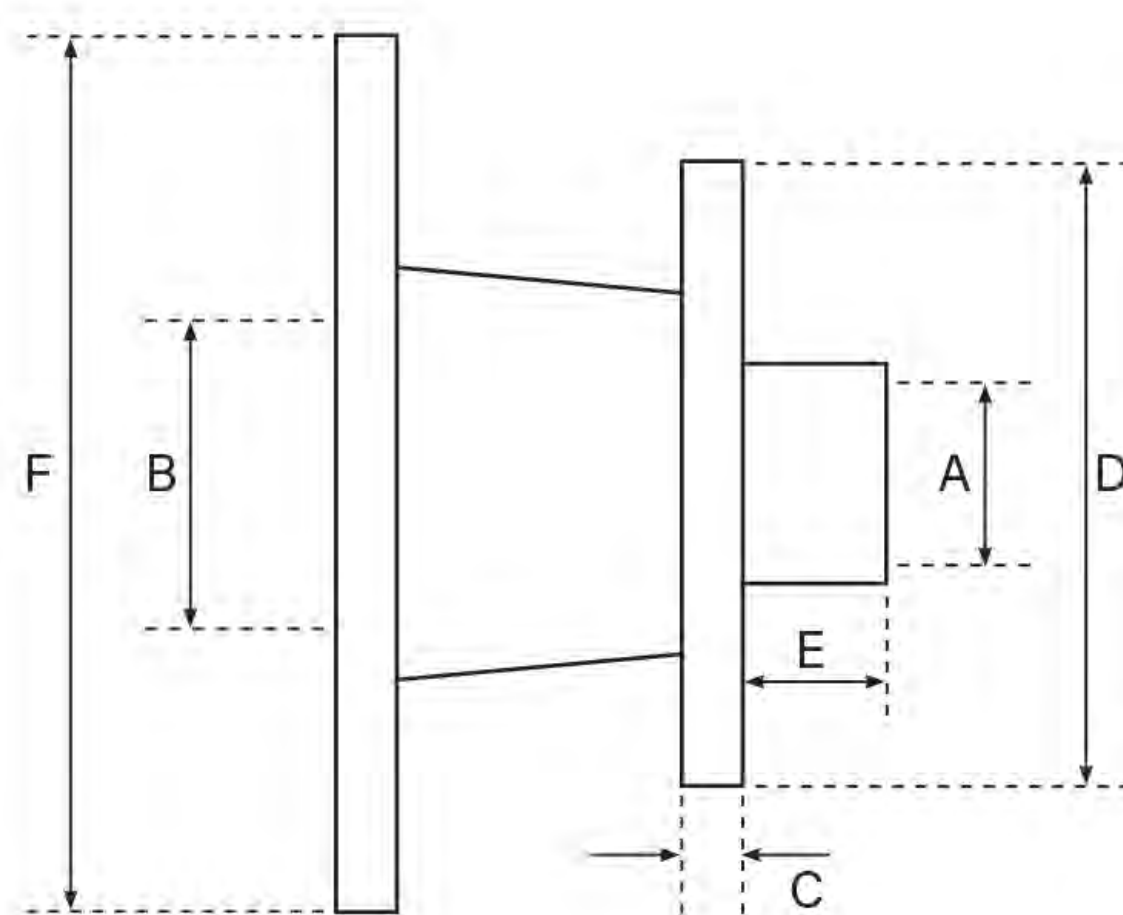
Page	Description	A (mm)	B (mm)	C (mm)	D (mm)	E(mm)
N/A	1000kg Trojan - Non braked	45	50	14	175	85
N/A	1500kg Trojan - Non braked	45	59	16 - 18	175 - 180	87
36	1500/1750kg Trailparts - Non braked	45	59	11 - 12	140	97
36	1500/1750kg Trailparts - Non braked	45	59	11 - 12	150 - 155	97
36	1500/1750kg Trailparts - Non braked	45	59	13 - 14	190	97 - 102
36	1500/1750kg Trailparts - Brake ready	45	59	12 - 13	155 - 160	97 - 98
N/A	2000kg Trojan - Non braked	45	65	17 - 18	220	90
N/A	2000kg Trojan - Non braked	50	65	17 - 18	220	90
TBA	2000kg Trajan - Brake ready	50	65	12 - 13	190	110
36	2500kg Trailparts - Brake ready	59	65	16 - 17	190	113

Code is for hub kit (no stub axle). For full list of current hubs available see 'Axle Components'

Note: All measurements give are approximates and may vary. Trailparts accept no liability for work conducted based off the measurements given on this page.

HUB DIMENSIONS - BRAKED

Note: Some of these hubs are no longer available and are marked as N/A in the Page column.



Page	Description	A (mm)	B (mm)	C (mm)	D (mm)	E(mm)
N/A	1500kg Trojan Integral - 225mmØ disc	45	59	15	180	27
N/A	1500kg Trojan Integral - 225mmØ disc	45	59	15	180	34
37	1500kg/1750kg Trailparts - 225mmØ disc	45	59	12	155	38
37	1500kg/1750kg Trailparts - 230mmØ vented disc	45	59	13	160	38
N/A	2000kg Trojan Integral - 275mmØ disc	45	65	15	220	30
N/A	2000kg Trojan Integral - 275mmØ disc	50	65	15	220	30
N/A	2000kg Trojan Integral - 275mmØ disc	50	65	12 - 13	190	30
37	2500kg Trailparts - 290mmØ vented disc	50	65	16 - 17	190	30

Code is for hub kit (no stub axle). For full list of current hubs available see 'Axle Components'

Note: All measurements give are approximates and may vary. Trailparts accept no liability for work conducted based off the measurements given on this page.

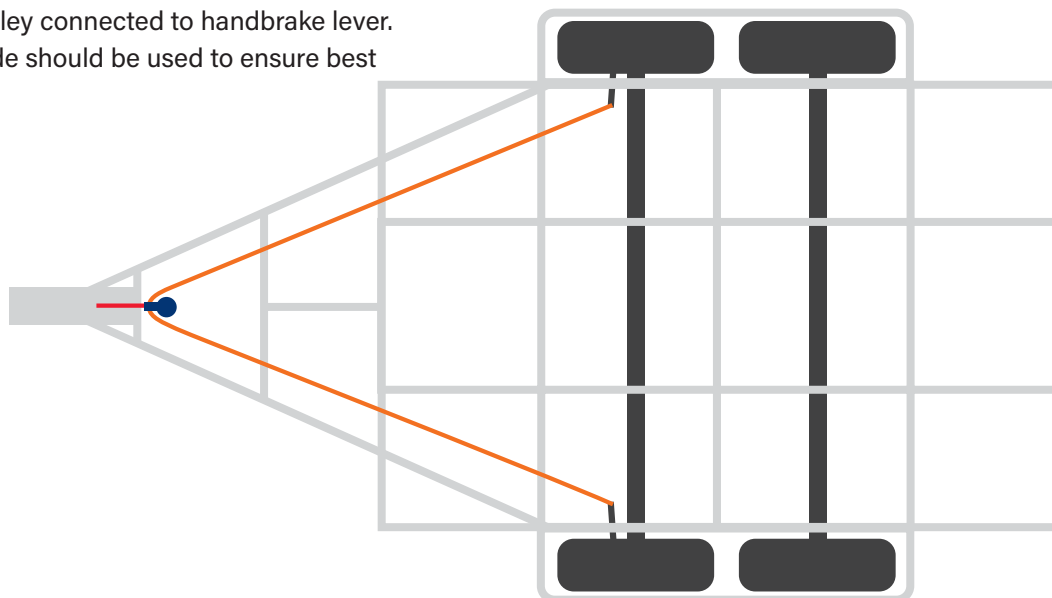


HANDBRAKE DIAGRAMS

B312610 - Handbrake on Front axle only

These handbrakes can be found on page 46.

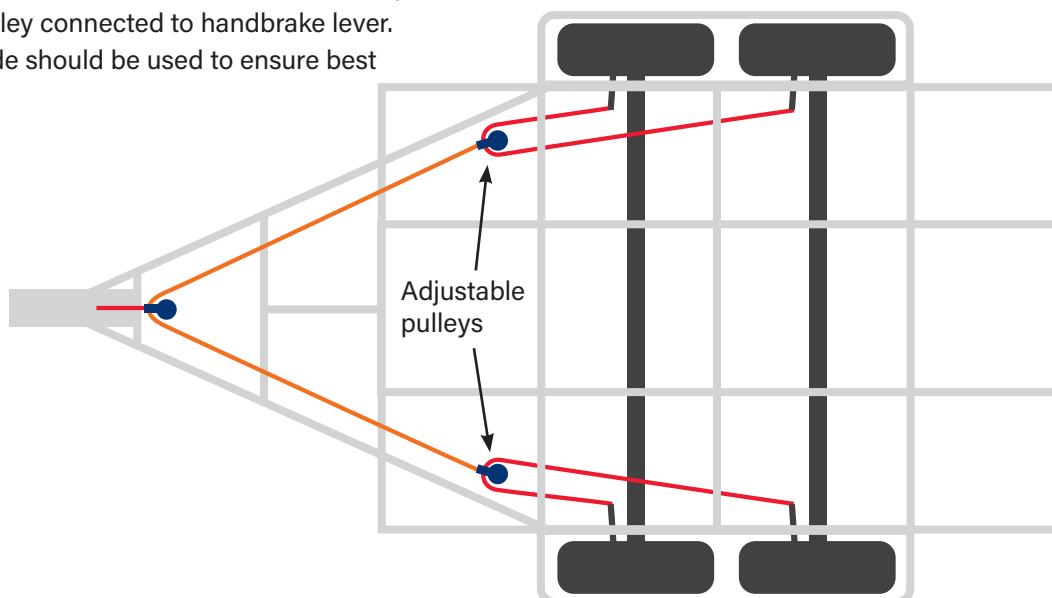
- Calipers mounted on front of axle with forward pull lever.
- Adjustable pulley connected to handbrake lever.
- Wire rope guide should be used to ensure best performance.



B312710 - Handbrake on both axles

These handbrakes can be found on page 46.

- Calipers mounted on front of axles with forward pull lever.
- Adjustable pulley connected to handbrake lever.
- Wire rope guide should be used to ensure best performance.



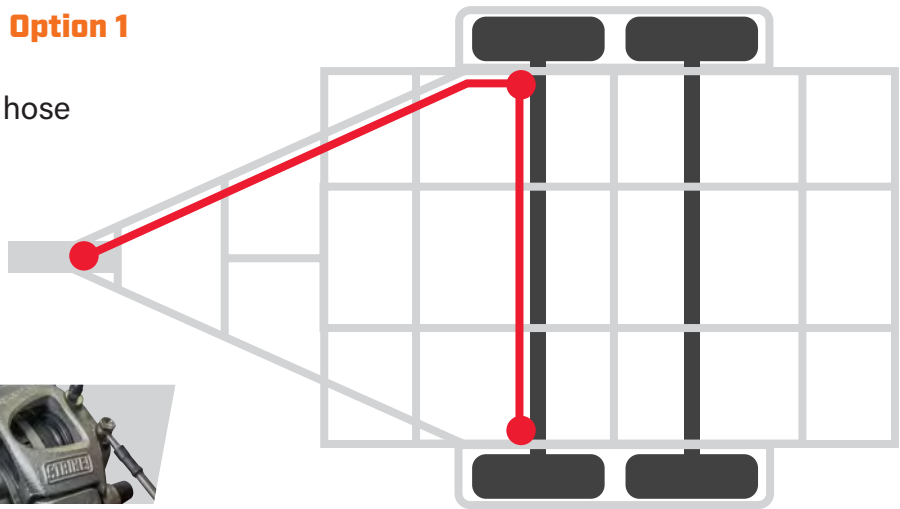
BANJO BANJO HOSE DIAGRAMS

Single braked axle - Option 1

- x2 Banjo Banjo braided hose
- x2 Single Banjo bolt
- x1 Double Banjo bolt
- x7 Copper Washer



Approx. Install

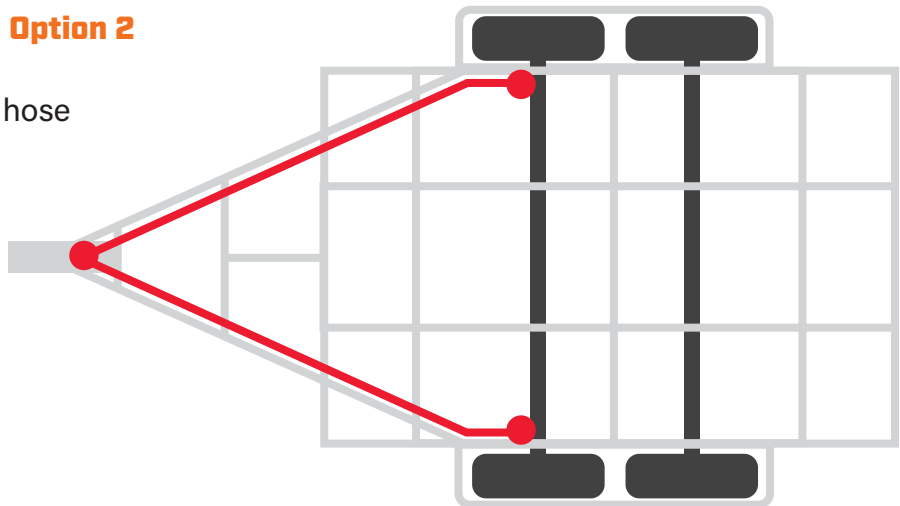


Single braked axle - Option 2

- x2 Banjo Banjo braided hose
- x2 Single Banjo bolt
- x1 Double Banjo bolt
- x7 Copper Washer



Approx. Install

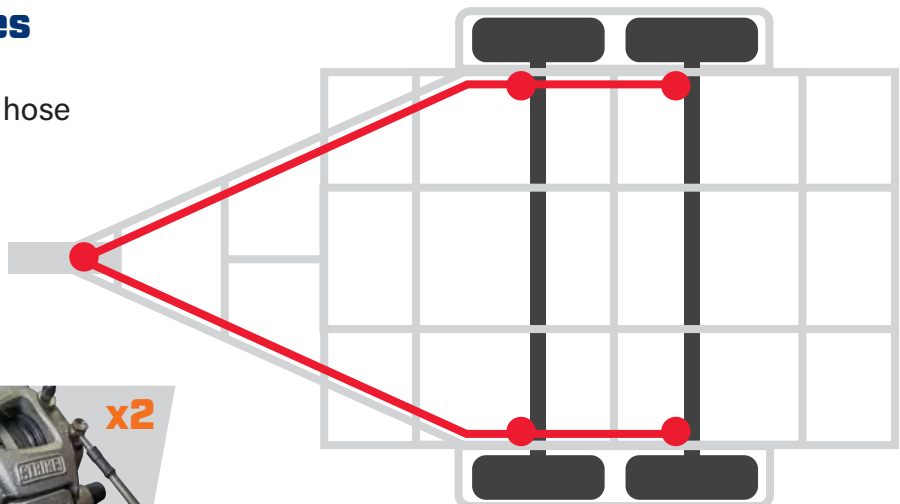
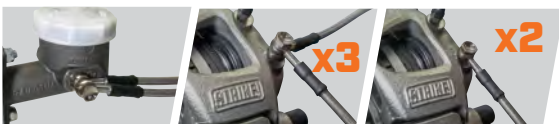


Tandem braked axles

- x4 Banjo Banjo braided hose
- x2 Single Banjo bolt
- x3 Double Banjo bolt
- x13 Copper Washer



Approx. Install



PLUG & SOCKET WIRING DIAGRAMS

Small Round

Pin #	Circuit	Colour
1	Left-hand turn	Yellow
2	Reverse signal	Black
3	Earth return	White
4	Right-hand turn	Green
5	Service brakes	Blue
6	Stop lamps	Red
7	Rear lamps, clearance & side marker lamps	Brown



7 Pin Plug



6 Pin Plug



7 Pin Socket



6 Pin Socket

Flat

Pin #	Circuit	Colour
1	Left-hand turn	Yellow
2	Reverse signal	Black
3	Earth return	White
4	Right-hand turn	Green
5	Service brakes	Blue
6	Stop lamps	Red
7	Rear lamps, clearance & side marker lamps	Brown
8	Battery charger / winch	Orange
9	Auxiliaries / battery lead	Pink
10	Earth return	White
11	Rear fog lamp	Grey
12	Auxiliaries	Violet



12 Pin Plug



7 Pin Plug



12 Pin Socket



7 Pin Socket

Large Round

Pin #	Circuit	Colour
1	Left-hand turn	Yellow
2	Reverse signal	Black
3	Earth return	White
4	Right-hand turn	Green
5	Service brakes	Blue
6	Stop lamps	Red
7	Rear lamps, clearance & side marker lamps	Brown



7 Pin Plug



5 Pin Plug



7 Pin Socket



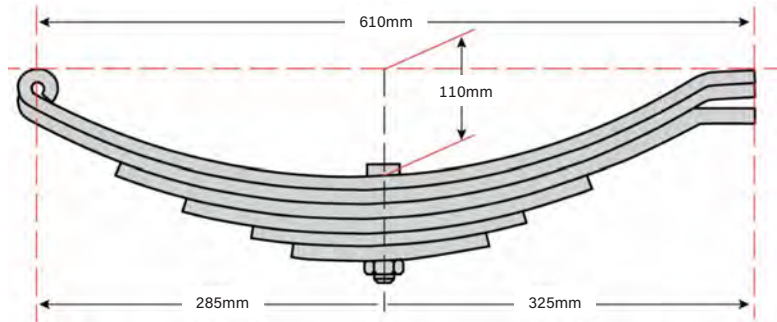
5 Pin Socket

SPRING DIMENSIONS

610mm Standard

- Spring Leaves 50 x 6mm
- Spring Eye ID 16mm

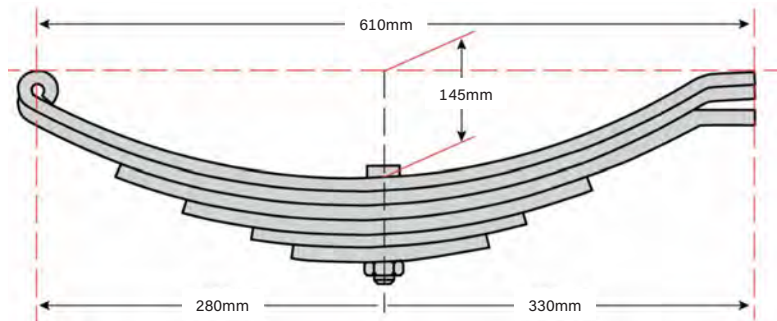
These springs can be found on page 68.



610mm Deep Series

- Spring Leaves 50 x 7mm
- Spring Eye ID 16mm

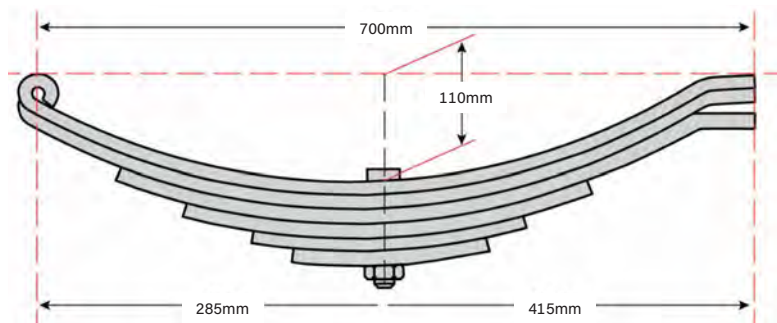
These springs can be found on page 68.



700mm Long Series

- Spring Leaves 50 x 7mm
- Spring Eye ID 16mm

These springs can be found on page 69.



770mm Paraboilic

600kg

- Spring Leaves 45 x 13mm (at centre)
- Spring Eye ID 12mm

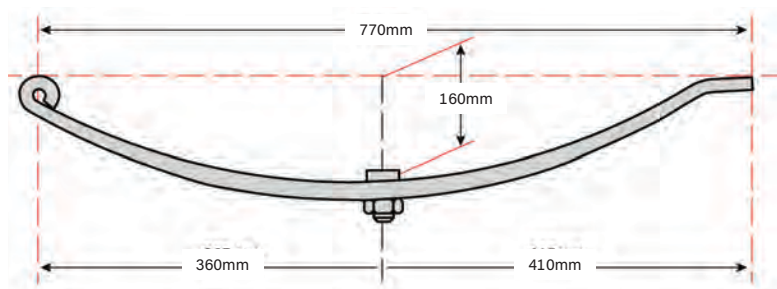
1000kg

- Spring Leaves 45 x 15.5mm (at centre)
- Spring Eye ID 12mm

1400kg

- Spring Leaves 45 x 18mm (at centre)
- Spring Eye ID 12mm

These springs can be found on page 69.



Note: All measurements give are approximates and may vary. Trailparts accept no liability for work conducted based off the measurements given on this page.



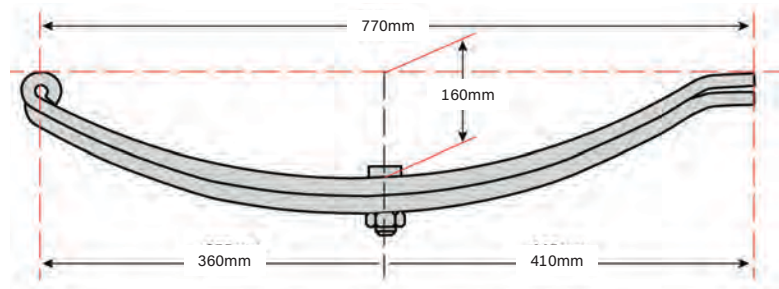
SPRING DIMENSIONS

770mm Parabolic

2000kg

- Spring Leaves 45 x 15.5mm (at centre)
- Spring Eye ID 16mm

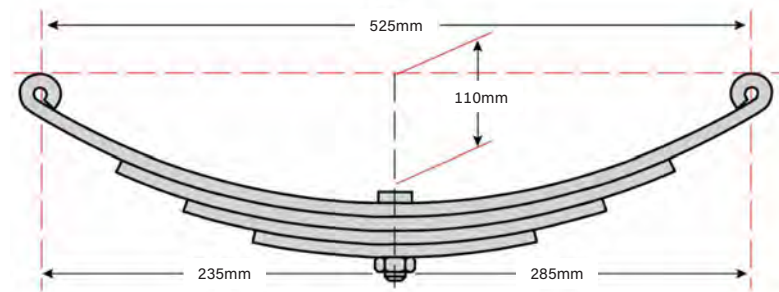
These springs can be found on page 69.



525mm Eye/Eye

- Spring Leaves 50 x 6mm
- Spring Eye ID 16mm

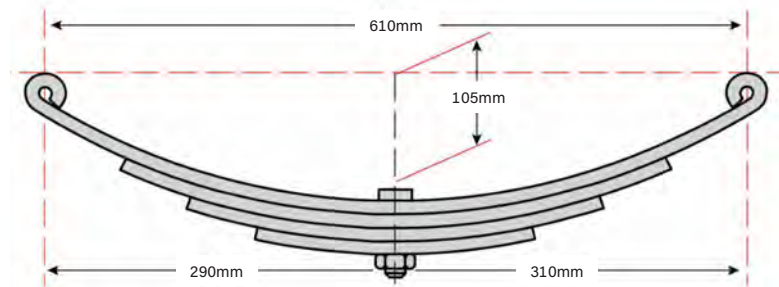
These springs can be found on page 74.



610mm Eye/Eye

- Spring Leaves 50 x 6mm
- Spring Eye ID 16mm

These springs can be found on page 73.

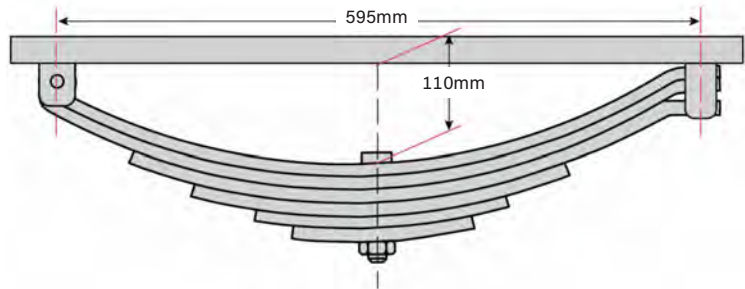


Note: All measurements give are approximates and may vary. Trailparts accept no liability for work conducted based off the measurements given on this page.

CHASSIS SPRING DIMENSIONS - SINGLE AXLE

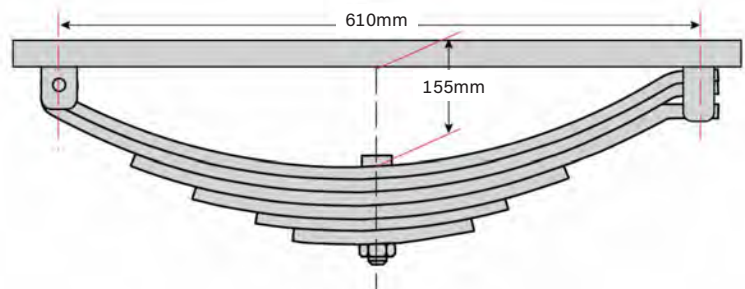
610mm Standard

These springs can be found on page 68.



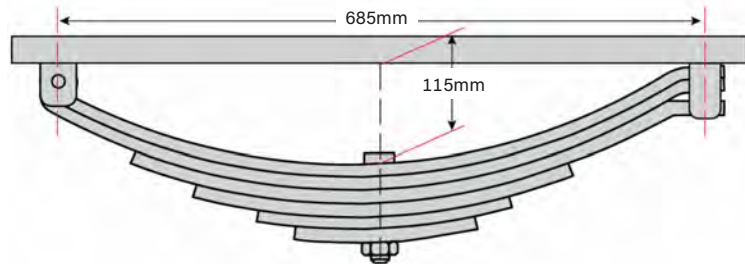
610mm Deep Series

These springs can be found on page 68.



700mm Long Series

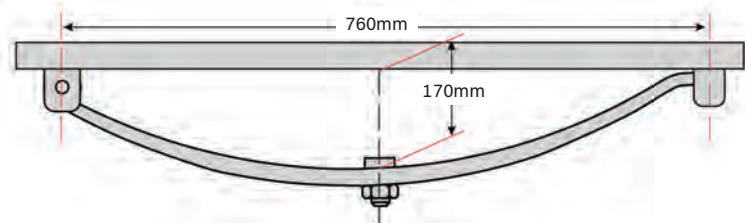
These springs can be found on page 68.



770mm Parabolic

600/1000/1400kg

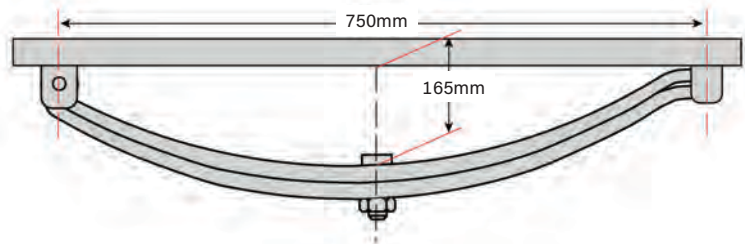
These springs can be found on page 69.



770mm Parabolic

2000kg

These springs can be found on page 69.



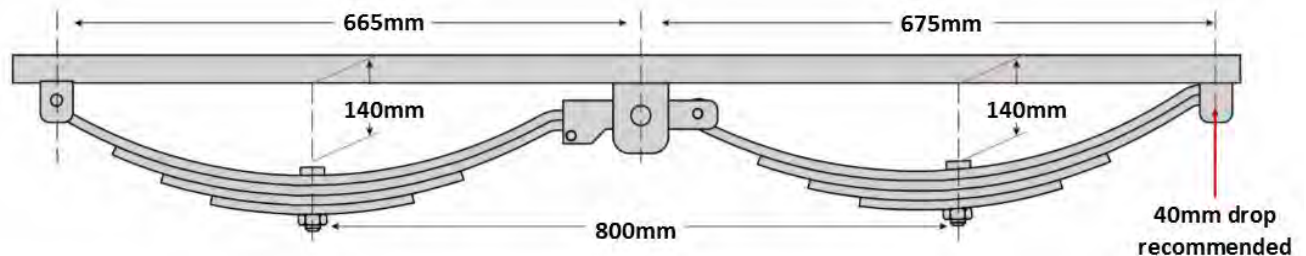
Note: All measurements give are approximates and may vary. Trailparts accept no liability for work conducted based off the measurements given on this page.



CHASSIS SPRING DIMENSIONS - TANDEM AXLE

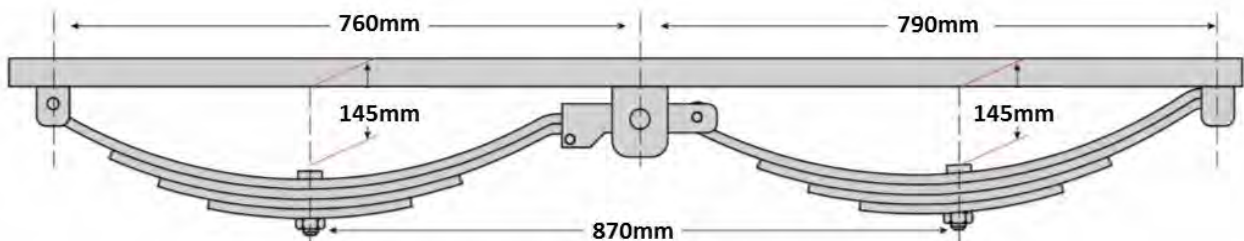
610mm Standard Tandem Eye/Slipper

These springs can be found on page 71.



700mm Long Series Tandem Eye/Slipper

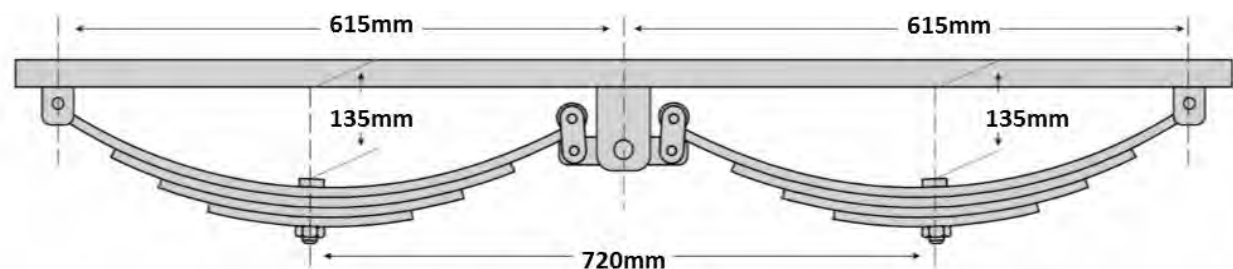
These springs can be found on page 72.



525mm Tandem Eye/Eye

These springs can be found on page 74.

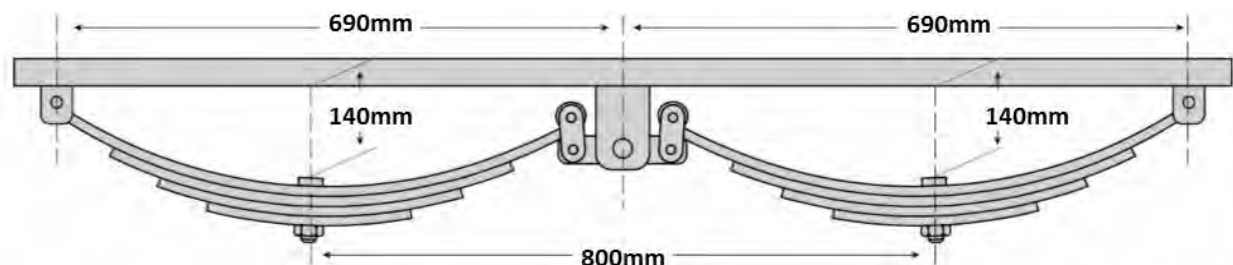
Alternative axle centres (spring locator bolts are offset so spring can be rotated): 680mm, 760mm



610mm Tandem Eye/Eye

These springs can be found on page 73.

Alternative axle centres (spring locator bolts are offset so spring can be rotated): 780mm, 820mm



Note: All measurements give are approximates and may vary. Trailparts accept no liability for work conducted based off the measurements given on this page.

NOTES

Handwriting practice lines for notes.



INDEX

Actuator - Hydrastar	61-62
Agricultural Wheel Assemblies	121-122
Alloy Wheels.....	123
Anti-Loose Fasteners	89
Anti-Rattle Catches	89
Autoback™ Reversing Valve.....	10, 16
Autofit™ couplings	6, 9, 11, 65
Axle Brake Mount Plates	40
Axle Droppers.....	40
Axle Manufacturing	41, 162-163
Axle Plates & U-Bolts	80
Axle Quotation Request Form.....	163
Backing Guide.....	155
Backplates - Electric	49
Backplates - Hydraulic.....	49
Banjo-Banjo Braided Hose	50-51
Battery Boxes.....	60
Bearing protectors	43
Bearings & Seals.....	42-43
Bleed Screws.....	46-48
Boat Rollers & Parts.....	141-152
Boat Winches.....	136-137
Body Hardware	85-100
Brake Actuators.....	161
Brake Cable Kits & Components.....	52, 65
Brake Calipers.....	46-48
Brake Controllers.....	54-61
Brake Fittings.....	51
Brake Hose Kits	50-51
Brake Pads.....	46-48
Brake Tubing	52
Braking Information & Guidelines.....	54-55
Braking Systems	53-66
Breakaway Kits	56, 60, 61
Cable.....	110
Cable Accessories.....	111-112
Cable Connectors.....	112
Cable Ties.....	111
Caliper Spares.....	46-48
Calipers.....	46-48
Caravan Corner Stands	132
Chain & Related Components	86-87
Combination Lamps.....	102-105
Copper Tubing.....	52
Corner Steadies.....	132
Coupling Hydraulic Backframes	9-12, 15
Coupling Locks.....	158
Coupling Maintenance.....	17
Coupling Mount Plates	9
Coupling Spares.....	13-14, 16
Couplings.....	5-17
Credo Wireless Brake Controller	58-61
Custom Axle Manufacture.....	41, 162-163
Disc Brakes.....	25, 29-33, 46-48
Door Handles, Holders & Catches.....	89-92
Door Springs.....	94
Drop Axle	40
Drop Locks.....	87
Drum Brakes - Electric.....	24, 38, 49
Drum Brakes - Hydraulic	24, 38, 49
D-Shackles.....	86-87
Duratorques.....	70
Dust Caps.....	25, 43
Electric Brake Controllers.....	58-61
Electric Drum Brakes.....	24, 34, 49
Electric Winches	138-139
Electrical Cable.....	110
Electrical Terminals.....	113-114
Eye Plates	78-79
Flag Bags	159
Galvanised Rims	120-121, 124
Grease Caps.....	25, 43
Guards - Alloy.....	96, 98
Guards - Plastic	96
Guards - Single.....	94-96
Guards - Tandem	97-98
Gudgeons & Hinge Straps.....	88
Hand Winches.....	136
Handbrake Diagrams.....	170
Handbrake Levers	9-12, 14-15
Hinge Straps & Pins.....	88
Hitch Pins	155
Horsefloat Door Springs	94
Hose Kit Fitting Diagrams.....	51, 171
Hoses, Fitting Kits & Components	50-51
Hub & Stub Sets - Brake Ready.....	24, 28
Hub & Stub Sets - Drum Braked	24, 34-35
Hub & Stub Sets - Disc-Braked	25, 29-33
Hub & Stub Sets - Non-Braked.....	24, 26-27
Hub & Stub Sets - Unihub	24-25
Hub Identification Diagrams	168-169
Hub Kits - Disc Braked	37-38
Hub Kits - Drum Braked.....	38
Hub Kits - Non-Braked	38
Hub Kits - Unihub.....	24-25
Hub Seals.....	25, 43
Hydraulic Backframes.....	49
Hydraulic Disc Brakes.....	46-48
Hydraulic Powerpacks	100
Hydraulic Tipping Kits.....	99-100
Hygo™ mkII	63-66
Insulation Tape.....	112
Integral Wheels & Components.....	122, 124
Jockey Wheel/Stand Spares.....	132-133

Jockey Wheels & Stands.....	126-131	Spring Dimensions.....	173-177
Junction Boxes.....	111	Spring Sets - Parabolic.....	69
LED Licence Plate Lights.....	107	Spring Sets - Tandem.....	71-74
LED Marker Lights.....	106	Spring Sets - Tri-Axle.....	75
LED Tail-light Interfaces.....	113-114	Springs.....	68-69
LED Tail-Lights.....	102-105	Stainless Roller Pins.....	146
Lighting & Electrical.....	101-114	Strike!™ Calipers.....	25, 32-33, 47
Lights - LED.....	102-106	Stub Axle Identification Diagrams.....	166-167
Link Plates - suit eye/eye.....	78	Stub Axles.....	39
Lynch Pins.....	87	Studs.....	44
Marker Lights.....	106	Submersible LED Tail-lights.....	102-103
Master Cylinders.....	10, 16	Suspension Fitting Kits.....	76-77
Mechanical Brake Levers.....	14	Suspension Mount Beams.....	77
Mount plate - Coupling.....	9	Suspension Components.....	78-80
Mudguards.....	94-98	Tailgate Latches.....	89
Number Plate Lights.....	107	Tipper Components.....	99-100
Nuts - Wheel.....	44	Tipping Kits & Powerpacks.....	99-100
Outboard Visibility Flag.....	159	Towball Covers.....	155
Over-Centre Latches.....	92	Towballs & Convert-A-Balls.....	154
Over-Ride Couplings.....	11-12, 63-66	Towbar Components.....	154-155
Paddle Latches.....	90	Towbar Wiring Looms.....	113-114
Park Brake Cable Kits & Components.....	52	Trailer Brake Guidelines.....	54-55
Patriot™ Calipers.....	29-31, 46	Trailer Cop.....	158
PCD Calculations.....	164-165	Trailer Guards.....	794-98
P-Clips.....	50, 112	Trailer Mount Controller.....	56
Plug & Socket Wiring Diagrams.....	172	Trailparts™ Jockey Wheels.....	126-130
Plugs & Sockets.....	107-109	Tyres, Rims & Wheel Assemblies.....	120-124
Pre-wired Looms.....	113-114	Tyre Specifications.....	116-119
PVC Insulation Tape.....	112	U-Bolts & Axle Plates.....	80
Quick Release Flipper Spring.....	10, 15	Unihub™.....	21-25
Quicksplice Connectors.....	112	Visibility Flag.....	159
Reflectors.....	106	Wheel & Tyre Specifications.....	116-119
Registration & WOF Holder.....	159	Wheel Assemblies, Rims & Tyres.....	120-124
Rims - Steel & Alloy.....	120-124	Wheel Bearing Overhaul Kits.....	42
Rocker Arms.....	79	Wheel Bearing Protectors.....	43
Rocker Hangers.....	78	Wheel Bearing Seals.....	43
Rocker Kits.....	76-77	Wheel Studs & Nuts.....	44
Roller Brackets.....	146	Winch Spares.....	137
Roller Spares.....	144-146	Winches & Winch Ropes.....	136-139
Rope Hooks, Loops & Rings.....	92-93	Wiring Diagrams.....	172
Safety Chain.....	86	Wobble Roller Components.....	144-145
Safety Chain Connectors.....	86-87	Wobble Roller Sets.....	142-143
Safety Chain Washer.....	87	WOF & Registration Holder.....	159
Seals - Spare & Kits.....	25, 43		
Security Locks.....	158		
Self-Centre Rollers.....	147		
Shin Protectors.....	155		
Skid-Strip.....	152		
Snub Blocks & Rollers.....	151		
Sockets & Plugs.....	107-108		
Spare Wheel Holder.....	159		
Spring Bolts.....	80		



INDEX

NOTES

INDEX

This image shows a full page of white paper with horizontal blue dashed lines, resembling notebook paper. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.