



# owner's fish & manual sports trailers



visit: [www.easytow.com.au](http://www.easytow.com.au)

## **Your Easytow Boat Trailer**

Congratulations on purchasing an Easytow Boat Trailer. Your trailer is well known for its high quality design, manufacture and component parts. And with a little care it will provide you with years of trouble free towing.

This manual describes the operation and components of your trailer. Before using your trailer please familiarise yourself with the contents, suggestions and cautions in the manual and in particular the checklist for care and maintenance. This will help you to obtain the maximum pleasure from your boating experience and avoid endangering yourself and others.

A little care and attention at the right time will make sure your Easytow Boat Trailer remains in top condition.

Your Easytow Boat Trailer has been custom designed and manufactured. Its configuration and equipment are specific to your boat / vessel. You cannot, therefore, base any claims on the data, illustrations or descriptions shown in this Owner's manual.

The Owner's Manual is part of the trailer. You should keep it and pass it on to the new owner if you sell the trailer.

Please consult an Easytow Boat Trailer dealer or contact our head office directly if you have any questions.

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## Your Easytow Boat Trailer

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We wish you happy boating and trouble free towing – from Easytow Boat Trailers.

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## **Operating Safely**

### **Before Each Journey**

When you take delivery of your trailer and prior to each journey, you should conduct a 'Before Each Journey' safety inspection. The inspection items are shown in the 'Before Each Journey Safety Checklist'. Never tow your trailer before satisfying yourself that each item has been properly checked.

When purchasing your trailer ask your dealer or the previous owner to show you how to perform these safety checks. These simple inspections will help you avoid towing problems and possible injury to yourself and others.

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## Operating Safely

### Before Each Journey Safety Checklist

1. Coupling and tow ball are same size √  
The cup on the coupling should fit completely over the tow ball. And when fitted should not have more than 5mm play or movement between the cup and the ball.
2. Coupling and safety chains are safely secured to tow bar √  
Safety chains attached to the trailer should be connected to the tow bar with a 'D' shackle. *Do not attach the safety chains to the towing vehicle with a padlock.*
3. Wheel nuts are properly tightened √  
Trailer wheel nuts have a tendency to loosen more readily than those on a car which has shock absorbers.
4. Boat is securely tied to trailer √  
Check that all straps are securely fastened. *The winch strap is purely for launching and retrieving your boat. It is not a tie down.*
5. Load is within maximum carrying capacity √  
Check vin plate
6. Tyres are properly inflated. √

## Operating Safely

### Before Each Journey Safety Checklist (conti)

7. All lights are working √  
    Check both right and left indicator lights, tail lights and brake lights.
  
8. Brakes are properly adjusted and working. (if fitted) √



## **Operating Safely**

### **Regular Maintenance**

Your Easytow Boat Trailer has been designed and manufactured to give you trouble free towing. The component parts are high quality and conform or exceed Australian Standards requirements. To keep the trailer in top working order, simple, regular maintenance should be performed.

The maintenance to be performed on each component is described in the 'Components' section of this manual. Some maintenance should be performed semi annually and some annually. It also notes which maintenance functions should be performed by qualified technicians and which functions you may consider performing yourself.

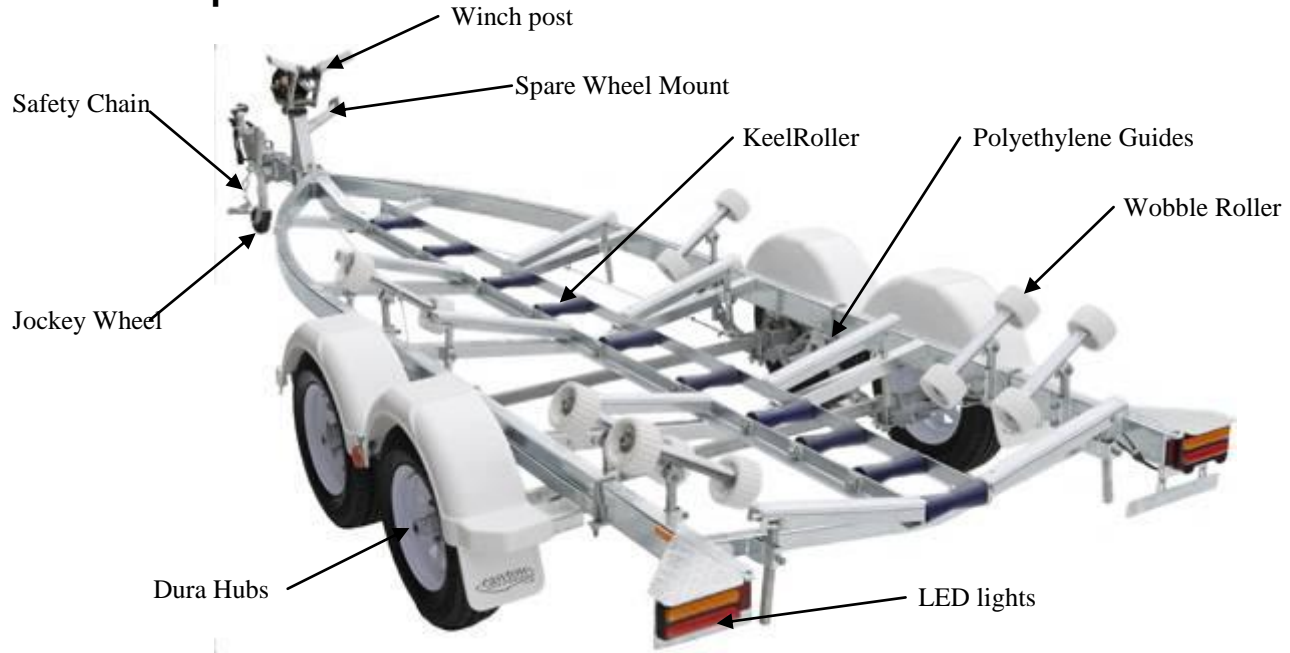
The service logs provide a maintenance checklist and can be used to record a history of the maintenance performed. The checklist provides a prompt of what items are to be maintained, when they are to be maintained and what maintenance is to be performed.

## Operating Safely

### After Launching and Retrieving Checklist

1. Chassis is washed √  
Wash boat and trailer at the ramp after salt water immersion.  
Ensure the water drain holes are free of blockages.
  
2. Carpet (where fitted) is hosed √  
Remove sand and dust from fibres.
  
3. Brakes (if fitted) are flushed and dried √

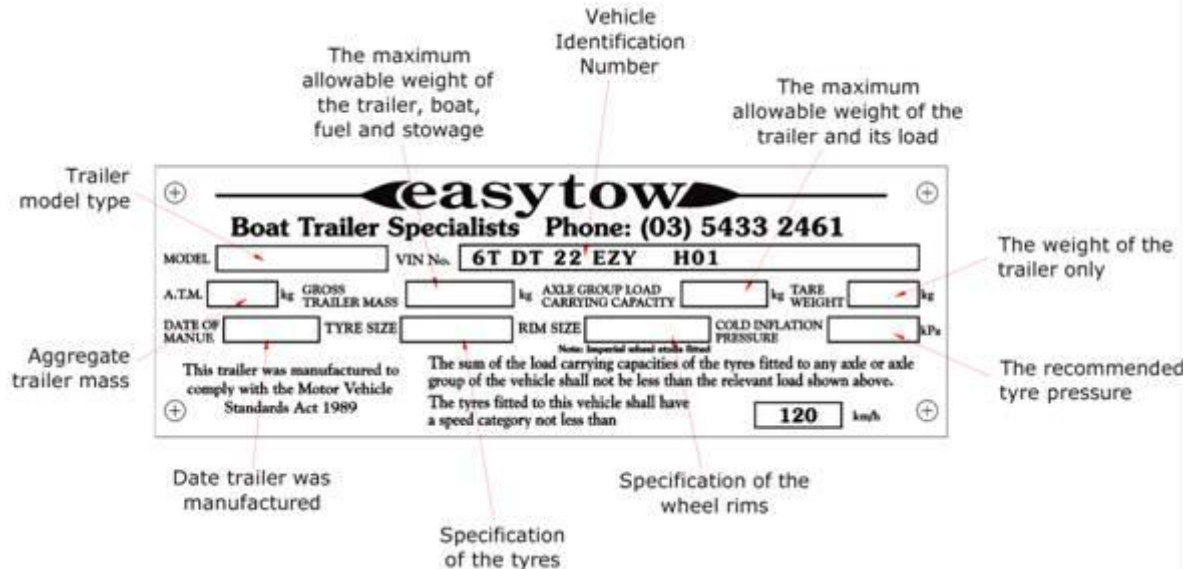
## Components



## Components

### Vin Plate

The VIN plate contains the trailer's vehicle identification number. It also carries information about the trailer including gross weight and wheel specifications. The VIN plate is rivetted to the drawbar at the front of the trailer



## Components

### Chassis

#### Frame

A distinctive feature of all Easytow Boat Trailers is the high quality and strength of the trailer frame. The side rails are distortion free and formed to fit the contours of your boat.

All the steel trailer frames are manufactured from high grade, custom rolled steel sourced from Australian mills and conforming to Australian standards. The extra thickness walls of the rolled boxed section ensures extra robustness and strength.

The standard finish on the trailers is galvanising however paint over galvanising is also available.

## Components

### Chassis

#### (i) Galvanized

Galvanising is an industrial process that covers the trailer (and parts) with a protective zinc coating. The zinc provides a 'sacrificial' protection to the metal frame. Instead of the steel rusting, the zinc is 'sacrificed' to the corrosion process first through a cathodic reaction. This process takes many years and does not require that the zinc completely cover the steel to provide protection.

The zinc, itself, will react with the environment to form a white powder. (this reaction begins within a week of the trailer being manufactured) This is called calcium carbonate and it protects the zinc from the elements. It can be removed by a wire brush or washing with a dishwashing detergent but it is best left on.

As galvanising involves hanging and dipping the frame and parts in to molten zinc, the thickness of the zinc coating can vary slightly. Any large lumps and burrs are removed but the varying thickness is left. Otherwise the presentation of the finished trailer would appear worn.

Even though these trailers have been made for extra corrosion protection they should be stored with the front of the trailer highest so that any water can drain out the rear of the side rails.

Refer 'The Galvanising Process' in the appendix.

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## Components

### Chassis

(i) Galvanized

### **Maintenance**

*Every launch / retrieval*

*Wash boat and trailer at the ramp after salt water immersion to prolong the life of the trailer. Even salt residues dripping from the boat onto your trailer will cause a reaction with the zinc surface whilst drying.*

*Dry trailer before garaging in an enclosed space. One of the biggest causes of zinc deterioration is washing your trailer and garaging it whilst still wet.*

*Ensure the water drain holes underneath the cross members are not blocked so the water can drain freely.*

## Components

### Chassis

#### (ii) Painted over Galvanising

Trailers finished with paint over galvanising combine the attraction of a painted finish with the protection of galvanising.

Galvanising is an industrial process that covers the trailer (and parts) with a protective zinc coating. The zinc provides a 'sacrificial' protection to the metal frame. Instead of the steel rusting, the zinc is 'sacrificed' to the corrosion process first through a cathodic reaction. This process takes many years and does not require that the zinc completely cover the steel to provide protection.

Refer 'The Galvanising Process' in the appendix.

Once galvanised, the trailer and parts are prepared and finished with an undercoat and four (4) top coats of automotive 'two (2) pack' paint. These are applied directly to the galvanised steel.

Even though these trailers have been made for extra corrosion protection they should be stored with the front of the trailer highest so that any water can drain out the rear of the side rails.



## Components

### Chassis

(ii) Painted over Galvanising

### ***Maintenance***

*Every launch / retrieval*

*Wash boat and trailer at the ramp after salt water immersion to prolong the life of the trailer.*

*Ensure the water drain holes underneath the cross members are not blocked so the water can drain freely.*

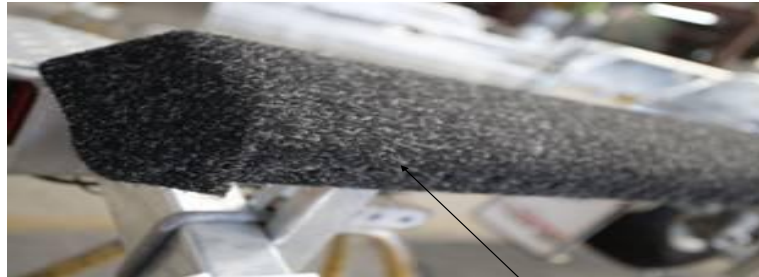
## Components

### Chassis

### Carpet

On some trailers marine carpet is used to cover the side support timbers.

#### Carpet Over Support Timbers



Carpet over support timbers

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## Components

### Chassis

Carpet

### **Maintenance**

*Every four / five (4/5) launches*

*Hose down the carpet to remove sand and dust from the fibres.*

### **Warning**

*Do not winch your boat over carpet as dust and sand particles can scratch the hull.*

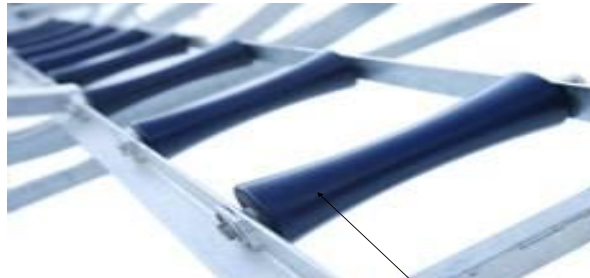
## Components

### Chassis

#### Keel Rollers

Keel rollers are manufactured from two materials being Polyethylene and Polyurethane. Polyethylene keel rollers are used to support alloy boats as they are a hard roller and resist damage from the aluminium keel. Polyurethane keel rollers are a softer material and are best suited for fiberglass hulls.

Keel Rollers



Keel Rollers

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## Components

### Chassis

Keel Rollers

#### ***Maintenance***

*Every four / five (4/5) launches*

*Ensure the rollers spin freely.*

*Every twelve months remove roller pins and degrease. Reassemble rollers and pins ensuring the area where the pin contacts the bracket is lubricated.*

## Components

### Chassis

#### Wobble Rollers

Wobble rollers stabilise the boat once on the trailer. Most of the weight of the boat (about 95%) rests on the keel rollers.

#### Wobble Rollers



Wobble Rollers

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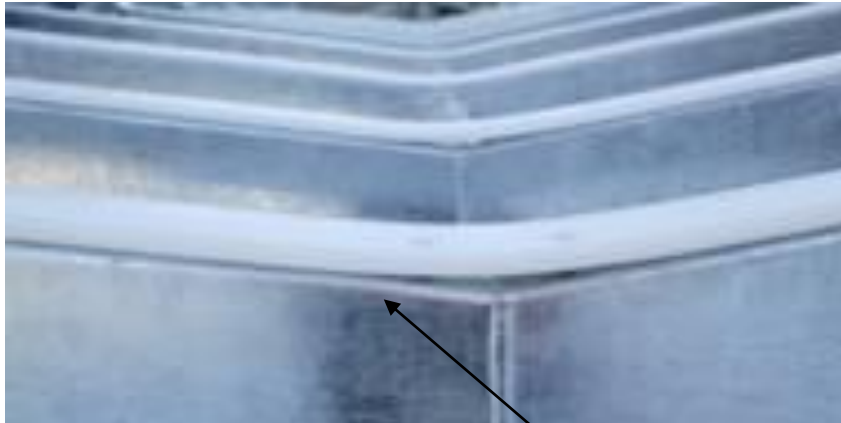
## Components

### Chassis

Polyethylene on cross members

Polyethylene strips are used as keel support on alloy boats.

#### Polyethylene Strips



Polyethylene strips

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On crossmembers



## Components

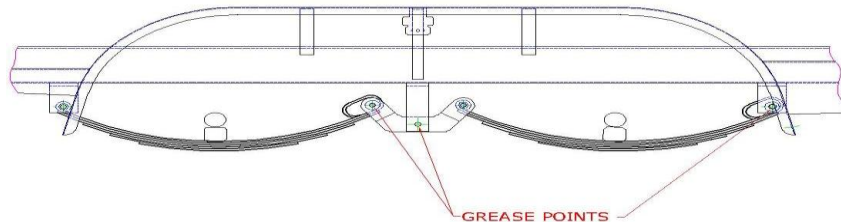
### Axle Assembly

#### Axles

Easytow uses a combination of both solid Duraflex axles and Duraflex / RHS axles in order to minimise the tare weight for your trailer. All Easytow axles are rated to comply with the gross trailer mass rating of your trailer

#### Springs

##### Rocker Roller Springs



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## Components

### Axle Assembly

#### Springs

The springs can be either slipper leaf and/or rocker roller springs.

Rocker roller springs are bolted to the trailer frame at both ends. The more complex 'double jointed' design allows the springs to flex under load without sliding. They are used on larger trailers.

Rocker roller springs have three (3) greaser points each side.

For slipper leaf springs, one end is bolted to the trailer frame while the other end is unattached but sits in a spring pocket welded on the frame. This enables the springs to slide back and forth while carrying the weight of the boat

#### **Maintenance**

*Every six (6) months*

*Tighten the u-bolts which connect the axles to the springs. If you have been towing off-road or over unsealed roads, the tightness of the u-bolts should be checked more regularly. Replace worn shackle bolts on springs and any broken or rusted spring leaves. Grease rocker roller spring grease points.*

## Components

### Brakes

The load / weight rating of the trailer determines if brakes are fitted or not and, if fitted, the type of braking system installed. (Refer Appendix 1 – Australian Design Rules)

For trailers fitted with brakes, one of the following braking systems is used.

## Components

### Brakes

#### Hydraulic Brakes

##### Hydraulic Brakes



Hydraulic Fluid Tube

Brake Calipers

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## Components

### Brakes

#### Hydraulic Brakes

Easytow Boat Trailers use Trojan calipers, comprising stainless steel body and bolts with brass fittings, phenolic piston and brake pads with stainless steel backing,

The bundy tube has a 3,000 hour salt spray rating to resist corrosion. This provides a brake system that can tolerate the harsh environment of salt water with minimal maintenance.

The hydraulic brake calipers are self adjusting. However, if used in combination with an override coupling, the brake adjustment can be made by using the contact bolt on the override lever at the coupling.

### ***Maintenance***

#### *Before each Journey*

*Check brake fluid levels. No fluid means no brakes!*

## Components

### Brakes

Hydraulic Brakes

### ***Maintenance***

*Every year*

*Change the brake fluid.*

*Replace worn or corroded flexible brake lines and bundy tube.*

## Components

### Brakes

#### Mechanical Brakes

#### Mechanical Brakes



**Lever & Cable**

**Caliper**

## Components

### Brakes

#### Mechanical Brakes

Mechanical disc override brakes are fitted to the majority of boat trailers rated under 2000Kg. The brakes have a galvanized body fitted with stainless steel sleeves and springs.

The calipers are operated by the stainless steel cable linked to the override coupling.

Mechanical disc override brakes must have the correct cable adjustment for the brakes to work efficiently. Adjust the brakes with your boat fully loaded on the trailer, the trailer hooked on to your tow vehicle and the combination sitting on level ground.

There should be a 8-10 mm gap between the coupling shaft and actuation lever . This is adjusted by using the cable adjuster attached to the hand brake lever. If you run out of thread shorten the cable at the caliper.



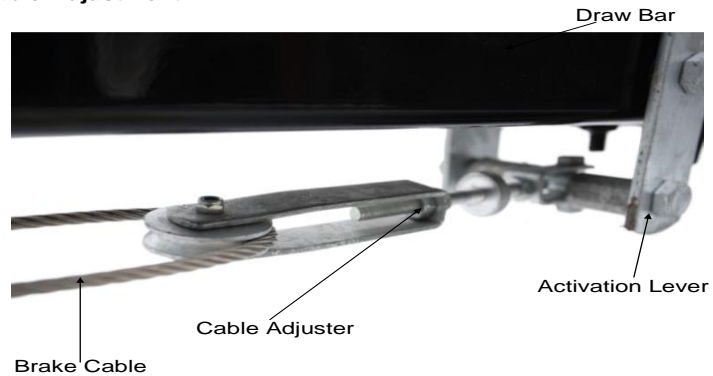
## Components

### Brakes

#### Mechanical Brakes

#### *Maintenance*

#### **Cable Adjustment**



## Components

### Brakes

Mechanical Brakes

#### ***Maintenance***

*Before each Journey*

*Check cable adjustment.*

*Every launch / retrieval*

*Flush out brakes with fresh water immediately (at the ramp) if they have been immersed in salt or even brackish water*

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## Components

### Brakes

#### Hydraulic Disc Break Away Brakes

Break away brakes are fitted to trailers with a Gross Trailer Mass (GTM) over 2000Kg. They automatically activate if the tow vehicle and trailer become detached while in transit.

Two types of hydraulic disc break away brakes are fitted to Easytow Boat Trailers.

#### (i) Sens-a-brake

Sens-a-brake brakes work off an air compressor. The compressor is mounted in the unit on the winch post. The unit operates the hydraulic system.

The tow vehicle must have a Sens-a-brake in-car actuator (in-car kit) fitted to operate the brake system. If the trailer plug is disconnected from the tow vehicle the trailer brakes will be applied using the air stored in the tank located on the winch post.

See sens-a-brake separate operating instructions.

## Components

### Brakes

Hydraulic Disc Break Away Brakes

(i) Sens-a-brake

### ***Warning***

*The Sens-a-brake unit is not water proof and is mounted as high as practical at the front of the trailer. It should not be exposed to water during launching and retrieving.*

*The brake system should never be used as a park brake.*

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## Components

### Brakes

#### Hydraulic Disc Break Away Brakes

##### (ii) Dexter

Dexter brakes work off a small pump mounted in the unit on the winch post.

The tow vehicle must have an in-car controller fitted to operate the brake system.

The unit has a separate brake away switch mounted on or in the draw bar close to the coupling. The brake away switch has a small steel lanyard that must be connected to the safety chain anchor point on the tow vehicle. If the trailer becomes dislodged from the tow vehicle the pin will get pulled out of the breakaway switch and the brakes are applied. The power to run the unit, in brake away mode comes from the battery mounted beside the unit on the winch post.

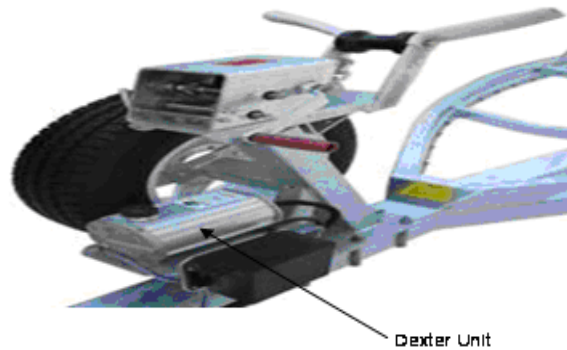
See Dexter operating instructions.

## Components

### Brakes

Hydraulic Disc Break Away Brakes

(ii) Dexter



## Components

### Brakes

Hydraulic Disc Break Away Brakes

(ii) Dexter

**Dexter Brake Unit (fitted with optional park brake)– wheel assembly**



Disc Brakes

Hydraulic Fluid Lines

## Components

### Wheels

Easytow Boat Trailers use five stud ford rims on trailers rated under 3100Kg and six stud Landcruiser on trailers rated over this.

Check the VIN plate for your trailer's wheel identification.

Easytow Boat Trailers use a general trailer hub. This hub is purpose drilled to suit the different wheel combinations.

### ***Maintenance***

*Before Taking Delivery; At first 100 km; At each wheel change; After every 1000 km*

*Tighten wheel nuts*



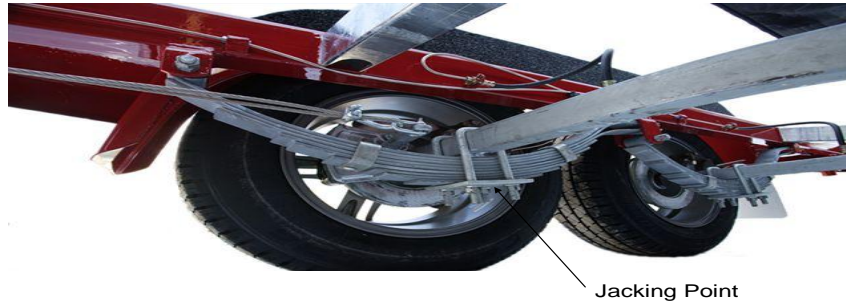
## Components

### Wheels

#### Changing Wheels

When changing wheels on your trailer the contact point for locating the jack is under the U-bolts connecting the springs to the axle.

#### Lift Point for Jack



## Components

### Bearings and Seals

#### Bearings and Seals

Bearings connect the axle stub to the wheel hub and allow the wheel hub to rotate freely. Depending on the weight rating of your trailer, Easytow Boat Trailers use one of four wheel bearing combinations.

#### Bearings



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## Components

### Bearings and Seals

The wheel bearing combination used for your trailer is shown on the bearing sticker at the front of the trailer. Water in the wheel hub is the most common cause of wheel bearing failure so every endeavor must be taken to keep water out.

It is a good practice to carry a spare set of bearings, these are available in a vacuum pack from Easytow Boat Trailers.

### Bearing Protectors

Durahub Extreme bearing protectors are a sealed hub style bearing protector. The protector has a clear sight glass and flexible membrane fitted to the outer face of the protector.

The flexible membrane expands and contracts with various operating temperatures. The clear lens enables you to monitor the condition of the grease in the hub. If moisture appears on the inside replace the rear hub seal.

### ***Warning***

*Easytow Boat trailers recommend and use Valvoline Optimum Choice grease in the Durahub Extreme bearing protectors. The use of any other lubricant in the Durahub voids the bearing warranty.*

## Components

### Bearings and Seals

#### Dura Hub Bearing Protector



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## Components

### Bearings and Seals

#### ***Maintenance***

*Every six (6) months*

*Inspect wheel bearings. Jack up the wheel and give it a wobble from side to side. If there is slack in the bearing tighten the axle hexagonal nut. Spin the wheel and if noisy replace the bearings.*

*Every year*

*Re-pack and where required replace bearings. This should be done by a qualified tradesman.*

*When wheel bearings are replaced ensure that quality wheel bearings, seals and grease are used. Easytow recommends Valvoline optimum choice grease, Guest seals and NSK wheel bearings. When assembling the wheel hub ensure new dust caps are fitted and the dust cap is sealed to the hub with silicon*

## Components

### Tyres

Easytow Boat Trailers use and recommend Dunlop & Goodyear tyres.

Advice can be obtained from any Beaufepaires store in Australia.

Inflate tyres to recommended pressure on your VIN plate or consult your dealer. Under inflation and over loading the front axle can cause uneven tyre wear.

### ***Maintenance***

*Every year*

Rotate tyres.

### ***Warning***

*Excessive tyre wear on the inside of the tyres occurs if the trailer is overloaded.*

*Excessive tyre wear on both the inside and outside of the tyre will occur if the tyre is under inflated.*

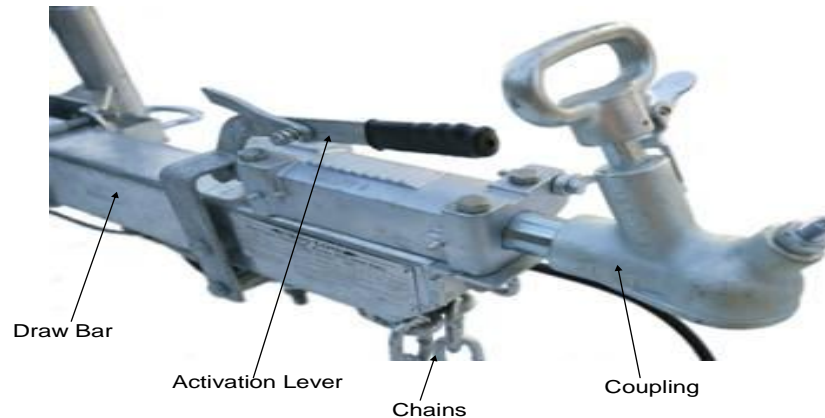
*For tandem trailers excessive tyre wear on the front tyres only will occur if the trailer is not being towed level with the towing vehicle.*

## Components

### Coupling

All Easytow couplings are made to Australian Standards AS 4177.3. Couplings can come with brake fittings (either mechanical or hydraulic) or without brake fittings.

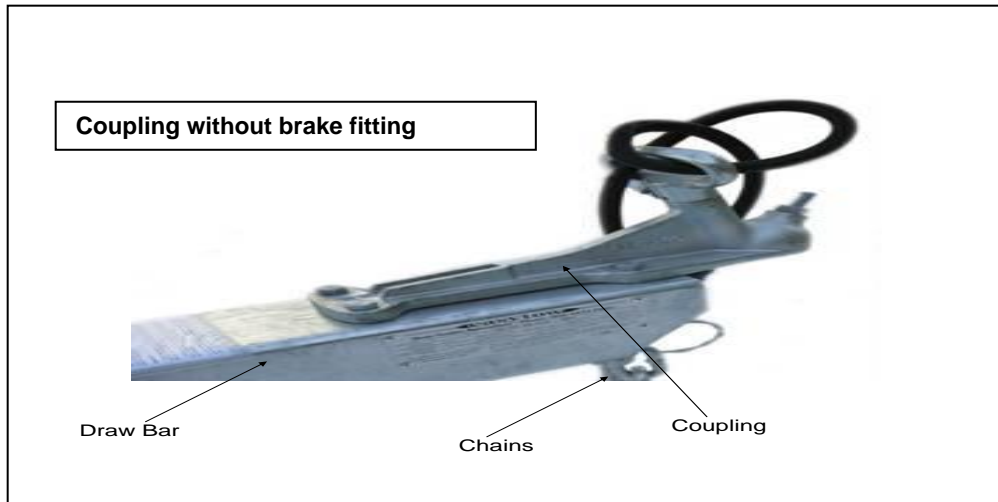
**Coupling with brake fitting**



## Components

### Coupling

It is important that the coupling size match that of the tow ball for safe towing (there should not be any more than 5mm play when the coupling is fitted over the ball).





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## Components

### Coupling

To connect the coupling to the tow ball place the coupling directly over the tow ball, pull up the coupling handle and then let the coupling slide down over the ball.

The coupling handle has provision for a safety locking clip or can be fitted with a padlock for security.

### ***Maintenance***

*Every six (6) months*

*For mechanical and hydraulic brake couplings;  
Grease the coupling using the two grease nipples with one or two pumps of grease.*

### ***Warning***

*Ensure that the safety locking clip does not get caught in the handle and hold the handle plunger extended. The coupling and ball will detach in transit causing damage to towing vehicle and trailer and possible injury.*

## Components

### Jockey Wheel

Jockey wheels are provided to assist in lifting the trailer on and off the tow ball and for a small amount of maneuvering sometimes required to position the coupling and tow ball.

If maneuvering the trailer lower the jockey wheel as far as possible to reduce stress on the shaft.

#### Jockey Wheels



## Components

### Jockey Wheel

Jockey wheels can be either galvanised swing up or fixed upright with retractable wheel. The galvanised wheels can be washed with fresh water if they have been immersed in salt water.

#### ***Maintenance***

*Every six (6) months*

*Lubricate jockey wheel by removing the handle and sliding out the inner tube to expose a thrust bearing and washer. Grease with a water repellent grease.*

## Components

### Winch

The winch on your trailer has been calculated to match your boat size. The winch has a webbing strap which is used to load the boat on the trailer.

#### Winch Post



Winch Post

Winch and Strap

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## Components

### **Winch**

#### ***Maintenance***

*Every year*

*Grease winch shaft*

#### ***Warning***

*Winches are not legally allowed to hold your boat on whilst travelling. A chain and shackle must be used.*

## Components

### Lights

LED lights are fitted standard to all trailers. For trailers over 2.1 meters wide, are fitted with LED clearance lights.

#### LED Lights



## Weight Distribution

Easytow recommend between 5% - 10% of boat weight should be on your tow bar, i.e., if your boat weighs 1,000 kg there should be between 50 and 100 kg weight on your tow ball, always check manufacturers max load recommendations stamped on your vehicle tow bar before towing.

# Service Logs

(Service should be performed every six months)

Service	No.: ==>	1	2	3	4	5	6	7	8
	Date:==>	/ /	/ /	/ /	/ /	/ /	/ /	/ /	/ /
<b>(i) Axle Assembly</b>									
(a) Tighten the u-bolts									
(b) Replace worn shackle bolts									
(c) Replace broken or rusted spring leaves									
(d) Grease rocker roller spring grease points									
<b>(ii) Brakes</b>									
(a) Refer separate operators manual <i>(Hydraulic Disc Break Away Brakes only)</i>									
(b) Full Service <i>(Electric Drum Brakes only)</i>									
(c) Change the brake Fluid <i>(Hydraulic brakes only)</i>									
(c) Replace worn or corroded flexible brake lines and bundy tube <i>(Hydraulic brakes only)</i>									
<b>(iii) Wheels</b>									
(a) Tighten wheel nuts									
<b>(iv) Bearings and Seals</b>									
(a) Repack bearings and seals <i>Replacement required?</i>									
<b>(v) Tyres</b>									
(a) Rotate Tyres									
<b>(vi) Coupling</b>									
(a) Grease the coupling <i>(mechanical and hydraulic brake couplins only)</i>									
<b>(vii) Jockey Wheel</b>									
(a) Lubricate with water repellent grease									
<b>(viii) Winch</b>									
(a) Grease winch shaft									
Service not required ==>									



# Service Logs

(Service should be performed every six months)

Service	No.: ==>	9	10	11	12	13	14	15	16
	Date:==>	/ /	/ /	/ /	/ /	/ /	/ /	/ /	/ /
<b>(i) Axle Assembly</b>									
(a) Tighten the u-bolts									
(b) Replace worn shackle bolts									
(c) Replace broken or rusted spring leaves									
(d) Grease rocker roller spring grease points									
<b>(ii) Brakes</b>									
(a) Refer separate operators manual <i>(Hydraulic Disc Break Away Brakes only)</i>									
(b) Full Service <i>(Electric Drum Brakes only)</i>									
(c) Change the brake Fluid <i>(Hydraulic brakes only)</i>									
(c) Replace worn or corroded flexible brake lines and bundy tube <i>(Hydraulic brakes only)</i>									
<b>(iii) Wheels</b>									
(a) Tighten wheel nuts									
<b>(iv) Bearings and Seals</b>									
(a) Repack bearings and seals <i>Replacement required?</i>									
<b>(v) Tyres</b>									
(a) Rotate Tyres									
<b>(vi) Coupling</b>									
(a) Grease the coupling <i>(mechanical and hydraulic brake couplins only)</i>									
<b>(vii) Jockey Wheel</b>									
(a) Lubricate with water repellent grease									
<b>(viii) Winch</b>									
(a) Grease winch shaft									
Service not required ==>									

## Appendix 1

### Australian Design Rules

#### Braking

Trailer up to 750 kg Gross Trailer Mass – no brakes required (i.e. boat on your trailer fully loaded).

Trailers 750 kg up to 2,000 kg GTM – brakes on at least one axle. “Efficient” over-run brakes acceptable.

Trailers 2,000 kg up to 4,500 kg GTM – brakes on all wheels, independent brakes (electric/power assisted brakes with control from the driver whilst in drivers seat) with breakaway system to automatically apply trailer brakes fully for at least 15 minutes.

#### Lighting

All lights must comply with ADR requirements and provide an ECE approval mark on each lamp. (All lights used by Easytow Boat Trailers have this).

#### Safety Chain

The safety chain must comply with Australian Standard 1872 – 1976.

## **Appendix 1**

### **Coupling**

The coupling must comply with Australian Standard D18 – 1968.

More information can be found from the Commonwealth Department of Transport and Regional Services.

## Appendix 2

### Galvanising

Galvanising is an industrial process that bonds zinc to the trailer and its parts. It is achieved by hanging the trailer frame and parts from wires, chemically treating them and then lowering them into a bath of molten zinc.

The process is designed to cover 100% of the trailer with a 55-70 micron coating of zinc inside and out. The thickness of the coating relates to the gauge of the material.

Galvanizing is a industrial finish and although Easytow Boat Trailers strive for the best finish possible it is not as clean and smooth as a painted trailer. Currently all Easytow Boat Trailer trailers are single dipped in the deepest and most modern galvanizing plant in Victoria.

Once the trailer is dipped it starts to age, evidence of this is a white powder forming on the trailer. This powder is called calcium carbonate and it protects the zinc from the elements. It can be removed by a wire brush or washing with a dishwashing detergent but it is best left on.

Trailers are galvanized to Australian Standards and these standards state the sum total of any uncoated area shall not exceed .5% of the total surface area or 250 sq cm, which ever is the lesser and no individual uncoated area shall not exceed 40 sq cm. It is quite common for blind spots to be left uncoated. This is normal and still meets Australian Standards. Usually these spots are not seen as they are mostly underneath the trailer and painted with a zinc rich paint so unnoticeable. Zinc is self sacrificial which means if a hole is drilled through the trailer the surrounding zinc will cathodically protect the uncoated area.

## Appendix 2

### Galvanising

It is recommended that you wash your boat and trailer at the ramp after salt water immersion to prolong the life of the trailer. Even salt residues dripping from your boat onto trailer causes a reaction with the zinc surface whilst drying. One of the biggest causes of zinc deteriorations is washing your trailer and garaging it whilst still wet, your trailer needs to be fully dry before storing your boat in a enclosed space..

More information can be found at the Galvanising Association of Australia's website: [www.gaa.com.au](http://www.gaa.com.au).

## Warranty

Subject to clause 3, Easytow warrants new Easytow boat trailers and their components to be free from material defects for 12 months from the earlier of: the date of purchase by end user from the distributor, or 12 months of the invoice date from Easytow to the distributor. For the avoidance of doubt, the commencement of all warranty related periods in this statement will be calculated in accordance with this clause.

- (a) Easytow will repair or replace trailers if they fail to function properly during the warranty period. Warranty service will include all labour as well as any necessary adjustments and/or replacement of faulty parts.
- (b) Easytow must be notified of any defect before repair work is undertaken. All trailers requiring servicing must be returned to Easytow or to an authorised dealer at the cost of the purchaser. Proof of the date of purchase will be required with any request for warranty repair.

### 1. Coverage

This warranty is extended to the original purchaser only and does not extend to any other persons to whom the trailer may be transferred.

### 2. Exclusions

- (a) To the extent permitted by law, Easytow makes no express or implied warranties as to merchantability and fitness for a particular purpose, or that the trailer will meet the purchaser's requirements. The trailer is provided to the purchaser by description and in accordance with specifications agreed between Easytow and the relevant dealer.
- (b) Easytow's warranty under 1(a), including any warranty made by Easytow for a period of more or less than 12 months with regard to specific trailer components, does not apply and Easytow will have no liability to the extent that the malfunction or defect is caused by:
  - (i) use or operation of the trailer other than in accordance with the User's Guide ;
  - (ii) use of the trailer in a manner or for a purpose not contemplated by Easytow;
  - (iii) modification, alteration, repair or overloading of the trailer in a manner not contemplated by Easytow;
  - (iv) damages, failures or corrosion from environmental conditions,
  - (v) fair wear and tear; or
  - (vi) or for any indirect or consequential loss arising due to such malfunction or defect.
- (c) Easytow warrants the trailer frame and its fabricated steel components to be free of structural or welding defects for a period of 3 years.
- (d) Easytow warrants the trailer coupling to be free from defects for a period of 2 years.

- (e) Easytow warrants the following components to be free from defect for a period of 12 months:
- (i) brakes;
  - (ii) carpet, excluding its general wear and tear;
  - (iii) galvanizing for protection against red rust, and excluding the cosmetic appearance of the galvanized surface;
  - (iv) paint work, unless painted trailers are taken in or near salt water without being painted over galvanizing in which case no warranty applies;
  - (v) rollers;
  - (vi) springs, with the labour costs of replacement excluded from warranty;
  - (vii) timber bearers;
  - (viii) wheels; and
  - (ix) winch, excluding the reverse catch.
- (f) The following components are provided on 12 month warranty but only on the terms of their relevant manufacturer's warranty which is available on request from Easytow:
- (i) axles;
  - (ii) hubs;
  - (iii) jockey wheels;
  - (iv) sens-a-brake, with the warranty not extending to defects if immersed in water;
  - (v) tyres, for faulty tyres only;
- (g) Easytow warrants the following components to be free from defect for a period of 6 months:
- (i) bearings; and
  - (ii) lights.
- Where lights are defective they will be replaced only, and labour costs for fitting will not be paid.
- (h) Easytow warrants the following to be delivered free from manufacturing defects:
- (i) winch reverse catch.
- If the components named in this part (h) are defective on delivery, they will be re-supplied and fitted free of charge provided Easytow is notified of the defect within 7 days of delivery of the trailer by the purchaser to the authorised dealer.
- (i) Any representation, warranty, condition or undertaking that would be implied in this warranty statement by legislation, common law, equity, trade, custom or usage is excluded to the maximum extent permitted by law.
- (j) Nothing in this warranty statement excludes, restricts or modifies any condition, warranty, right or remedy conferred on the purchaser by the *Trade Practices Act 1974 (Cth)* or any other applicable law that cannot be excluded, restricted or modified by agreement.