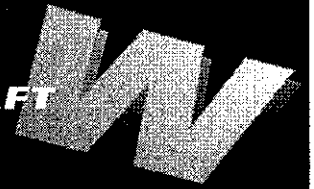




SAFETY
CAMPAIGN

WATERCRAFT
WARRANTY
Bulletin



⚠ WARNING: All involved customers must be notified, all involved units must be corrected as per instructions herein.

Campaign no.: 2010-0005

May 27, 2010

Subject: **iCatch™ System May Not Properly Secure
the Personal Watercraft**

No. **2010-5**

YEAR	MODEL	MODEL NUMBER	SERIAL NUMBER
2010	Sea-Doo ADVANCED TEC™ iCatch Trailer	T5AA, T5AC, T5AE T5AG	See attached list

PROBLEM

The latching mechanism of an ADVANCED TEC iCatch trailer to a Sea-Doo personal watercraft ("pwc") may be misadjusted and not properly secure the front end of the pwc being transported.

When this condition exists, it is possible that road oscillations cause the pwc to jump out of the iCatch hook part of the mechanism. Under those circumstances, if the rear latching straps are not used to properly secure the back end of the pwc, it may slide off the trailer increasing the risk of a crash possibly resulting in injury or death.

SOLUTION

- A) Adjust trailer as per revised specification.
- B) Install a safety cable.
- C) Affix a new safety decal.
- D) Replace User's Guide.

PARTS REQUIRED

MODELS T5AA, T5AC AND T5AE		
Description	P/N	Quantity
Safety cable kit ⁽¹⁾	(P/N 295 100 454)	1
User's Guide (Outside European Community)	(P/N 219 000 767)	1
(1) The kit contains a replacement safety decal, the safety cable and hardware.		

MODEL T5AG (EC COUNTRIES)		
Description	P/N	Quantity
Safety cable kit ⁽¹⁾	(P/N 295 100 454)	1
User's Guide (European Community)	(P/N 219 000 747)	1
(1) The kit contains a replacement safety decal, the safety cable and hardware.		

NOTE: All North American dealers will receive an amount of safety cable kits and User's Guide corresponding to 25% of their invoiced trailer involved. Dealers will have to order kits, through regular channel, to update the remaining involved trailers. International dealers and distributor will have to order safety cable kits and User's Guide through regular channel.

PROCEDURE

A) Trailer Adjustments as per Revised Specifications

The iCatch system must be adjusted specifically to the personal watercraft (PWC) hull type.

The iCatch system must be used along with the iCatch bow cup.

WARNING

Incorrect adjustments may cause the iCatch mechanism to not adequately secure personal watercraft (PWC) to the trailer.

Refer to the application chart to determine the proper setting table according to the watercraft model.

Application Chart

MODEL NAME	MODEL YEAR	SETTING TABLE
RXT™, RXT™-X™ with S ³ hull™, GTX† Limited, Wake Pro 215	2010	A
RXT™ iS, GTX† iS™, GTX† Limited iS™	2009-2010	
RXT™, GTX†, GTX† Wake™, RXT™-X™ (except S ³ hull™)	2002 through 2009	B
GTI™, GTI™ SE, Wake 155	2006 through 2010	C
RXP™	2004 through 2010	D
RXP™-X™	2008 through 2010	

Carry out adjustments using the proper setting table.

Settings Tables

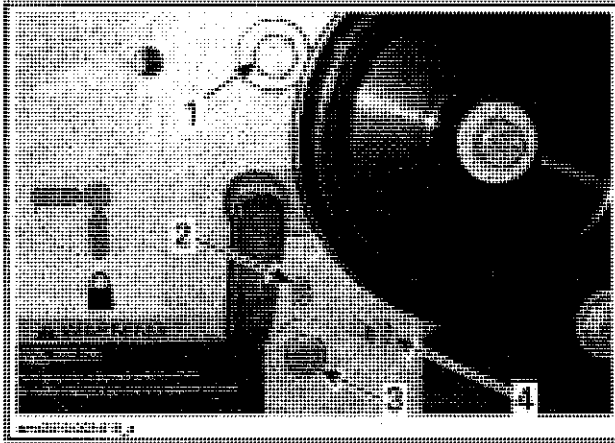
SETTING TABLE "A"		
iCatch housing angle setting		2
iCatch support height setting (lower bolt position)		1
Bumper position setting	Bumper holes	2
	Support holes	3
SETTING TABLE "B"		
iCatch housing angle setting		2
iCatch support height setting (lower bolt position)		3
Bumper position setting	Bumper holes	1
	Support holes	1
SETTING TABLE "C"		
iCatch housing angle setting		3
iCatch support height setting (lower bolt position)		3
Bumper position setting	Bumper holes	1
	Support holes	1
SETTING TABLE "D"		
iCatch housing angle setting		1
iCatch support height setting (lower bolt position)		3
Bumper position setting	Bumper holes	1
	Support holes	1

Adjust the iCatch trailer as per the 4 following procedures.

- iCatch housing angle
- iCatch support height
- Tongue weight.
- Bumper position

iCatch Housing Angle Setting Procedure

1. Loosen the iCatch housing upper bolt.
2. Remove the iCatch housing lower bolt.



1. Upper bolt
2. Window
3. Lower bolt (in front hole)
4. Lower rear hole

3. Set angle:

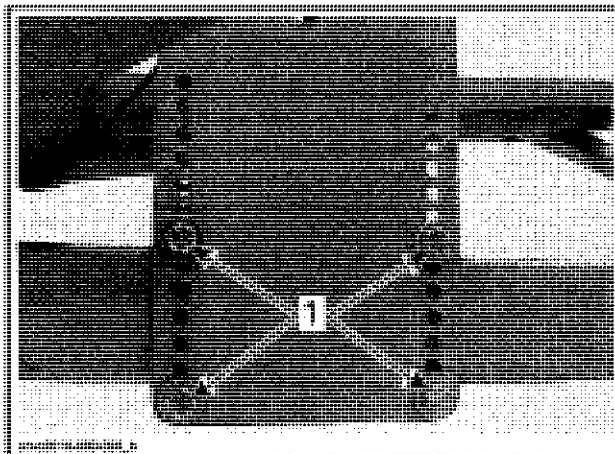
- 3.1 Bring angle to the appropriate setting. The setting refers to the number visible in the window.
- 3.2 Lock iCatch housing in place by inserting the bolt through the appropriate lower hole.

NOTE: The front or rear lower hole will be aligned with the iCatch housing hole depending on the setting.

- 3.3 Tighten nuts to $27\text{ N}\cdot\text{m} \pm 3\text{ N}\cdot\text{m}$ ($20\text{ lbf}\cdot\text{ft} \pm 2\text{ lbf}\cdot\text{ft}$).

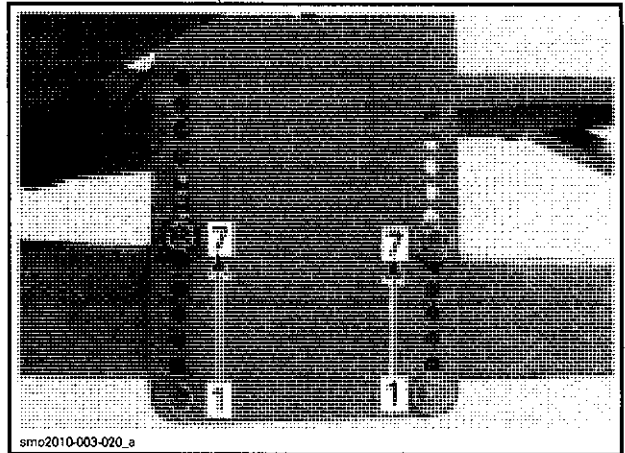
iCatch Support Height Setting Procedure

1. Remove iCatch support bolts and install in the appropriate holes.



1. iCatch support bolts

NOTE: The iCatch support height setting refers to the lower bolt position. Insert upper bolt just above the tongue.



1. Position 1
7. Position 7

⚠ WARNING

There must be precisely 5 unused holes between upper and lower bolts.

2. Progressively tighten nuts in a crisscross pattern until support is square with the trailer tongue. Do not tighten yet.
3. Adjust tongue weight, refer to *TONGUE WEIGHT ADJUSTMENT* below.
4. Final tightening is $8\text{ N}\cdot\text{m} \pm 1\text{ N}\cdot\text{m}$ ($71\text{ lbf}\cdot\text{in} \pm 9\text{ lbf}\cdot\text{in}$).

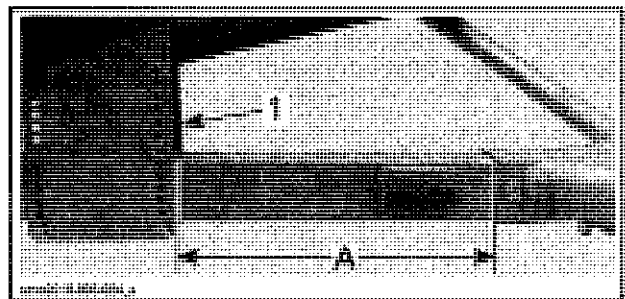
Tongue Weight Adjustment

Move iCatch support towards front or rear of trailer in order to adjust tongue weight.

The tongue weight should be from 3 to 10% of the total trailer and PWC weight with tongue parallel to the ground.

A measurement is provided as an indication, however, the 3 to 10% rule prevails.

See following illustration and table for measurement instructions.



1. iCatch support

- A. Distance to be measured as per table

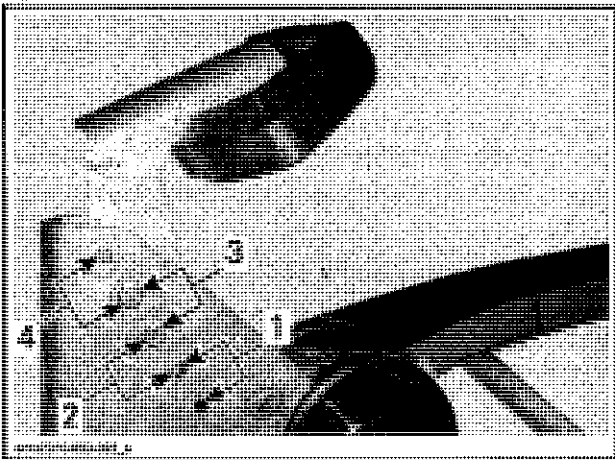
TONGUE MEASUREMENT GUIDELINE		
MODEL NAME	MODEL YEAR	TONGUE DISTANCE
RXT™, RXT™-XTM with S ³ hull™, GTX† Limited, Wake Pro 215	2010	40.6 cm (16 in)
RXT™ iS, GTX† iS™, GTX† Limited iS™	2009-2010	
RXT™, GTX†, GTX† Wake™, RXT™-XTM (except S ³ hull™)	2002 through 2009	33 cm (13 in)
GTI™, GTI™ SE, Wake 155	2006 through 2010	28 cm (11 in)
RXP™	2004 through 2010	30.5 cm (12 in)
RXP™-XTM	2008 through 2010	

Progressively tighten nuts to $8\text{ N}\cdot\text{m} \pm 1\text{ N}\cdot\text{m}$ ($71\text{ lb}\cdot\text{in} \pm 9\text{ lb}\cdot\text{in}$) in a crisscross pattern.

Bumper Position Setting Procedure

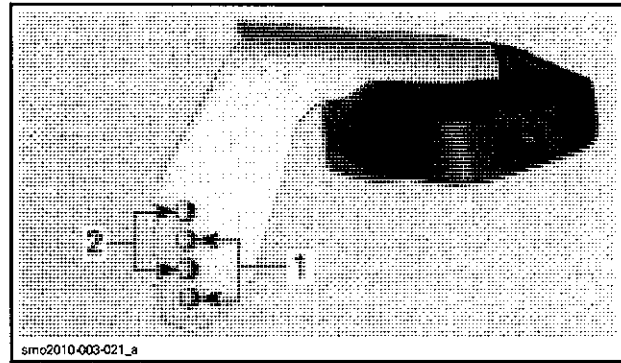
The bumper position setting consists of a particular position of both the bumper holes and support holes.

1. Remove bumper retaining bolts.
2. Align appropriate support holes and bumper together.



SUPPORT HOLES

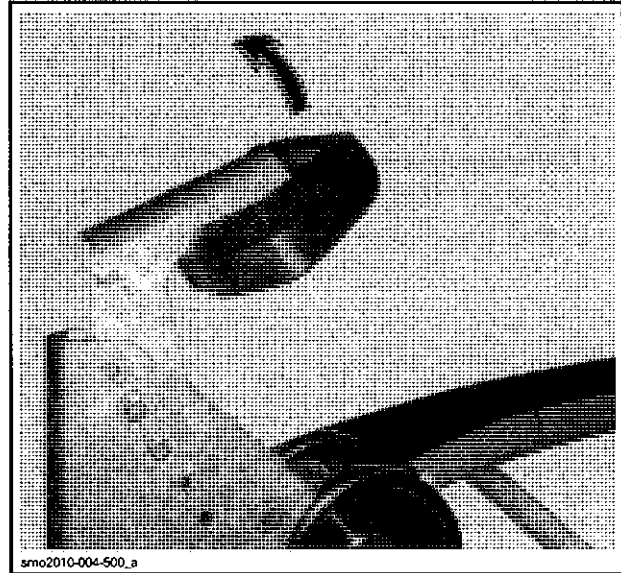
1. Position 1
2. Position 2
3. Position 3
4. Position 4



BUMPER HOLES

1. Position 1
2. Position 2

3. Install bolts loosely into proper positions.
4. **IMPORTANT:** Move bumper upwards then towards front and maintain it in this position.



MOVE UPWARDS THEN FORWARD

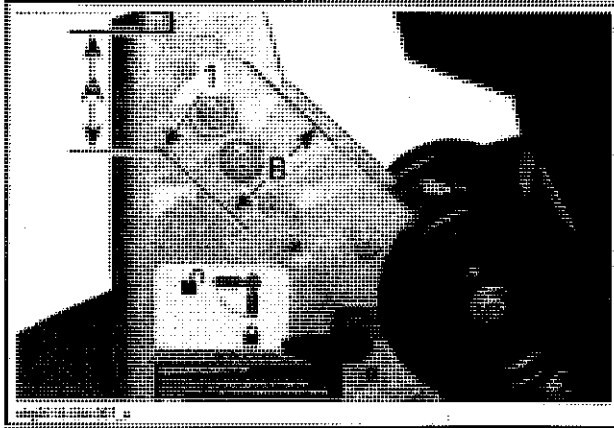
5. Tighten bolts to $36\text{ N}\cdot\text{m} \pm 3\text{ N}\cdot\text{m}$ ($27\text{ lb}\cdot\text{ft} \pm 2\text{ lb}\cdot\text{ft}$).

NOTE: It is important to maintain bumper fully upwards and forward to eliminate any play in the assembly before tightening.

B) Safety Cable Installation

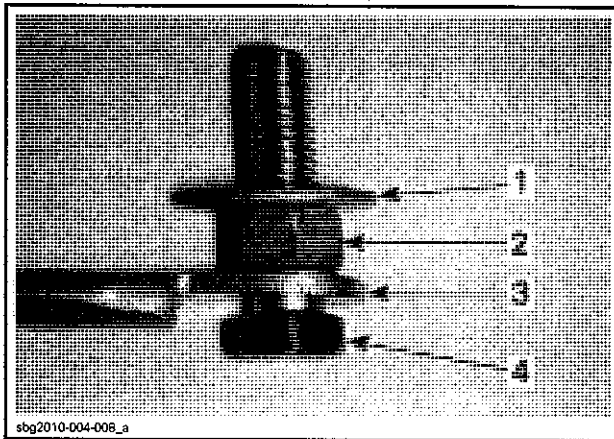
Fixed Cable End Installation

1. Draw a mark on the iCatch support at the location shown.



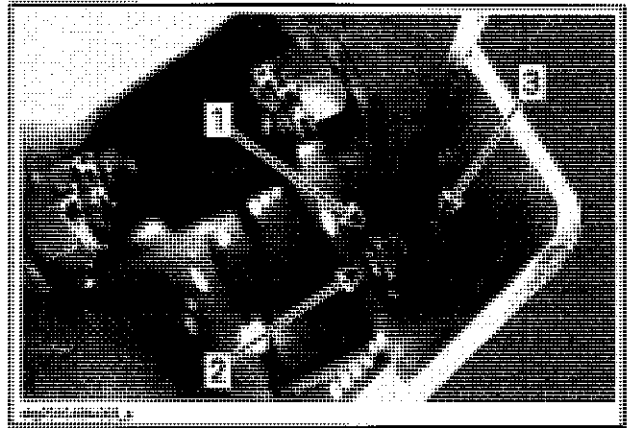
1. Draw a mark here
 - A. 65 mm (2.56 in)
 - B. 68 mm (2.68 in)

2. Punch the mark.
 3. Drill a pilot hole.
 4. Drill a 10 mm (3/8 in) hole.
 5. Pass the 3/8 bolt through the cable eyelet.
 6. Thread the 3/8 nut on the bolt until it stops.
- NOTE:** Make sure the cable eyelet turns freely.
7. Pass a washer on the bolt.



1. Washer
2. Nut
3. Safety cable eyelet (3/8 hole)
4. Bolt

8. Insert the bolt in the iCatch support hole.
9. Pass a washer on the bolt stem from inside the iCatch support, then thread a 3/8 self locking nut.

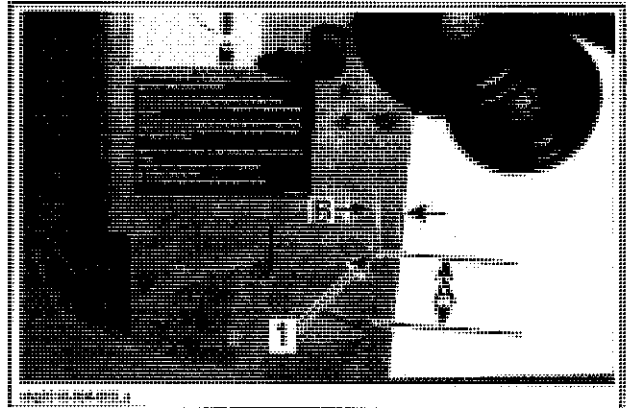


1. Self locking nut
2. Bolt
3. Washer

10. Tighten to 36 N•m ± 3 N•m (27 lbf•ft ± 2 lbf•ft).

Safety Cable Fastening Pin Installation

1. Draw a mark on the LH side of iCatch support at the location shown.

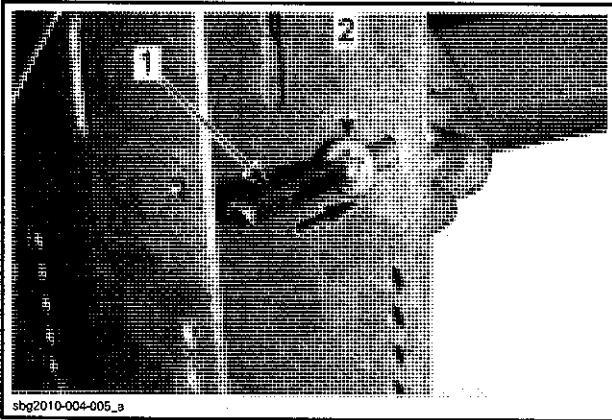


1. Draw a mark here
 - A. 60 mm (2.36 in)
 - B. 16.5 mm (.65 in)

2. Draw a mark on the RH side of iCatch support using the same measures. The holes must precisely face each other.
3. On each side:
 - Punch the mark.
 - Drill a pilot hole
 - Drill a 8 mm (5/16 in) hole

NOTE: The holes have to be drilled straight. Move the iCatch support if necessary.

4. Pass the pin through the RH hole, then pass a push nut on the pin.

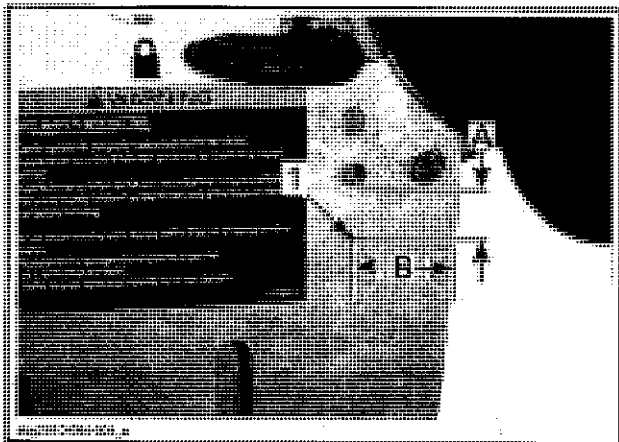


1. Pin
2. Push nut

5. Pass the pin through the LH hole.
6. Move the push nut until it leans against the iCatch support RH side inner surface.

Hairpin Clip Installation

1. Draw a mark on the iCatch support at the location shown.



1. Draw a mark here
 - A. 25 mm (.98 in)
 - B. 43 mm (1.69 in)

2. Punch the mark.
3. Drill a 5 mm (13/64 in) hole.
4. Install one eyelet of the small cable on the iCatch support using the 4.8 mm (3/16 in) rivet.
5. Pass the hairpin clip on the other eyelet.



HAIRPIN CLIP INSTALLED

Securing the Watercraft Using the Safety Cable

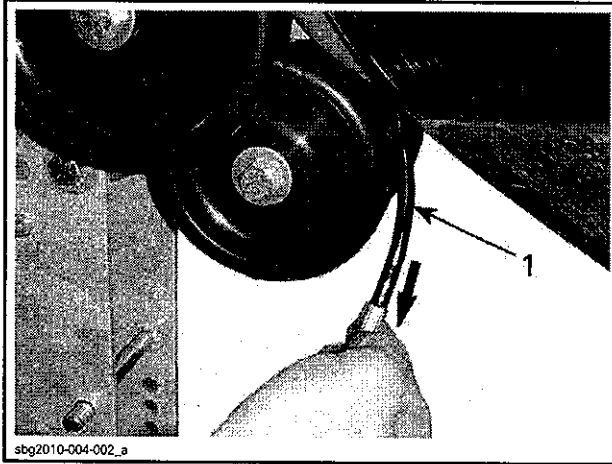
1. Make sure the PWC is correctly latched to the iCatch mechanism.
2. Pass the cable through the bow cup.

⚠ WARNING

Inspect safety cable before every use. Replace a damaged cable before trailering.

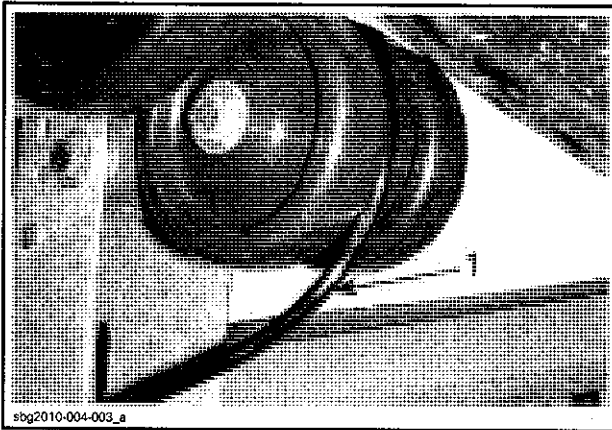


1. Safety cable
2. Bow cup



1. Safety cable

NOTE: Make sure that the safety cable passes between the lower iCatch mechanism wheels.



1. Safety cable

3. Attach the cable to the fastening pin.
4. Secure safety cable to the fastening pin using the hairpin clip.

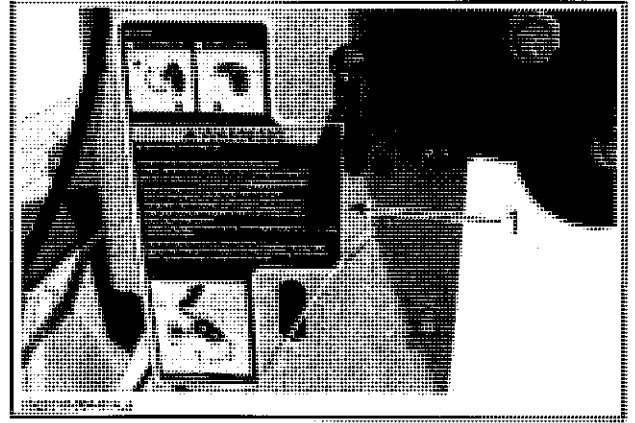


SAFETY CABLE SECURED

C) New Safety Decal Affixing

Clean the safety decal area.

Affix the new safety decal (P/N 262 000 116) over the original.



1. New safety decal

D) User's Guide Replacement

Models T5AA, T5AC and T5AE

Discard original User's Guide (P/N 219 000 726) and deliver the trailer along with the new User's Guide (P/N 219 000 767).

IMPORTANT: Discard the original User's Guide (P/N 219 000 726).

NOTE: User's Guide and decals in other languages than English will be supplied through regular channel.

Model T5AG (EC Countries)

Deliver the trailer along with the User's Guide (P/N 219 000 747).

NOTE: User's Guide and decals in other languages than English will be supplied through regular channel.

WARRANTY

Warranty Information

Submit a warranty claim using the following information:

CAMPAIGN NUMBER	2010-0005
Claim Type	Campaign Claim
Action	Repair
Flat Rate Time	0.5 hours

Click in the *REPAIR BOX* while completing your claim on BOSSWeb.

REPAIR	✓
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Claiming Procedure

For claiming procedure, refer to the *DEALER/DISTRIBUTOR WARRANTY GUIDE*.

SERIAL NUMBERS LISTING OF INVOLVED TRAILERS

Model: T5AA

From 569790 to 569823
From 570072 to 570097
From 570424 to 570453
From 570496 to 570545
From 570613 to 570650
From 570685 to 570702
From 570880 to 570887
From 571045 to 571089
From 571148 to 571176
From 571291 to 571324
From 571599 to 571616
From 571671 to 571708
From 571750 to 571756
From 571768 to 571781
From 571980 to 571995
From 572044 to 572075
From 572300 to 572324
From 572364 to 572368
From 572635 to 572662
From 572707 to 572740
From 573001 to 573032
From 573073 to 573079
From 573200 to 573220
From 573274 to 573281
From 573446 to 573473
From 573554 to 573555
From 573562 to 573563
From 573566 to 573567
From 573574 to 573575
From 573578 to 573579
From 573582 to 573583
From 577302 to 577327
From 577671 to 577709
From 577752 to 577769
From 578008 to 578017
From 578080 to 578107
From 578307 to 578324
From 578429 to 578444
From 578722 to 578731
From 578848 to 578859
From 579083 to 579105
From 579570 to 579571
579578
From 579587 to 579591
From 579633 to 579636
581069

Model: T5AC

From 569842 to 569843
From 570120 to 570127
From 570476 to 570489
From 570554 to 570562
From 570681 to 570682
From 570710 to 570737

Model: T5AC (cont'd)

From 570893 to 570939
From 571113 to 571114
From 571203 to 571210
From 571341 to 571354
From 571624 to 571645
571739
From 571792 to 571829
From 571840 to 571878
From 572002 to 572022
From 572100 to 572103
From 572328 to 572337
From 572404 to 572430
From 572436 to 572437
From 572693 to 572694
From 572755 to 572765
From 573080 to 573096
From 573241 to 573255
From 573289 to 573312
From 573494 to 573507
From 573550 to 573551
From 573570 to 573571
From 577361 to 577363
From 578026 to 578054
From 578116 to 578131
From 578353 to 578360
From 578485 to 578490
From 578750 to 578765
From 578891 to 578894
From 579147 to 579148
From 579574 to 579577
From 579579 to 579582
From 579592 to 579597
From 579600 to 579603
From 579608 to 579609
From 579618 to 579621
579626
From 579631 to 579632
579640

Model: T5AE

From 572820 to 572907
From 573109 to 573132
From 573514 to 573549
From 573640 to 573643
From 573708 to 573735
From 574000 to 574015
From 577294 to 577297
From 579790 to 579817

Model: T5AG

From 000132 to 000367
From 000375 to 000406