



December 16, 2011 Subject: **2012 Sea-Doo® MOVE Trailers Predelivery Inspection** No. **2012-3**

MODEL	MODEL NUMBER	SERIAL NUMBER
Sea-Doo MOVE I with spring leaves suspension	T5CA, T5CD	All
Sea-Doo MOVE I with torsion suspension	T5CG, T5CJ	

TABLE OF CONTENTS

	Page	Page
IMPORTANT NOTICE	2	
UNCRATING	3	
TONGUE INSTALLATION	4	
FINAL PREPARATION	6	
Tires Pressure	6	
Protective Materials	6	
Watercraft Positioning	6	
Trailer Cleaning	6	
ASSEMBLY INSPECTION	6	
DELIVERY TO CUSTOMER	6	
TRAILER SET-UP	7	
Axle Positioning	7	

IMPORTANT NOTICE

WARNING

To obtain warranty coverage, predelivery procedures must be performed by an authorized BRP Sea-Doo dealer/distributor. Apply all necessary torques as indicated.

NOTE: The information and components descriptions contained in this document are correct at the time of publication. BRP however, maintains a policy of continuous improvement of its products without imposing upon itself any obligation to install them on products previously manufactured.

Due to late changes, there might be some differences between the manufactured product and the descriptions and/or specifications in this document. BRP reserves the right at any time to discontinue or change specifications, designs, features, models or equipment without incurring obligation.

The illustrations in this document show the typical construction of the different assemblies and may not reproduce the full detail or exact shape of the parts. However, they represent parts that have the same or similar function.

Further information or inquiries should be directed to your service representative.

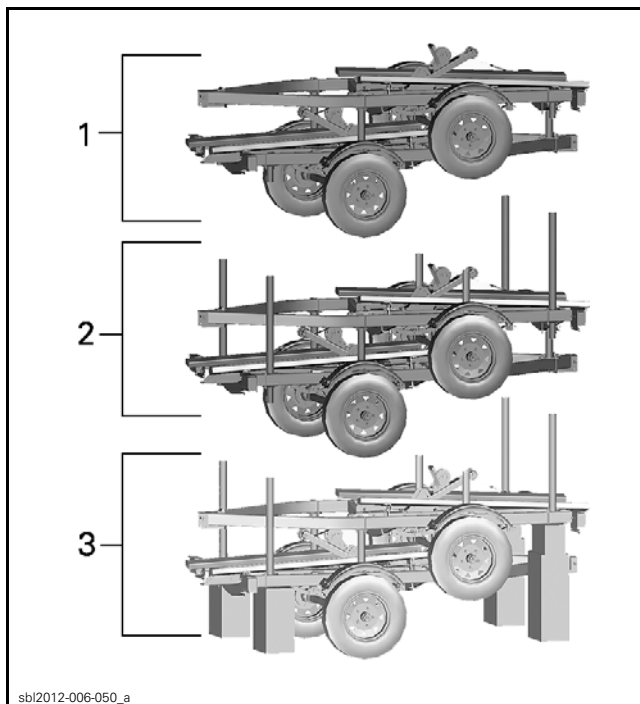
Make sure the customer receives the *OPERATOR'S GUIDE*.

WARNING

Torque wrench tightening specifications must be strictly adhered to. Where specified, install new locking devices (e.g. lock tabs, elastic stop nuts). If the efficiency of a locking device is impaired, it must be renewed.

UNCRATING

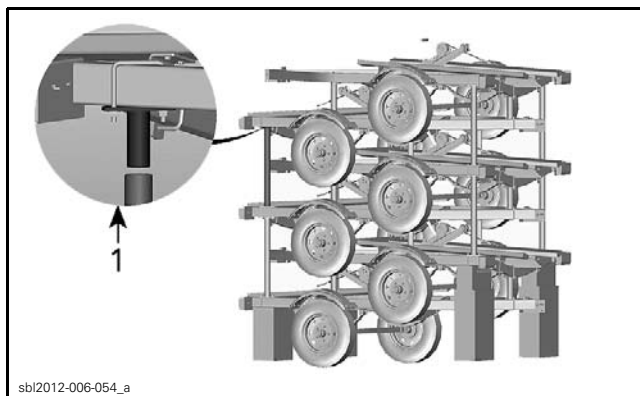
Trailers are shipped by bundle of 2. To ease transportation between factory and dealership, 2 or 3 bundles can be stacked up.



EXAMPLE OF STACK
 1. Upper bundle
 2. Middle bundle
 3. Lower bundle

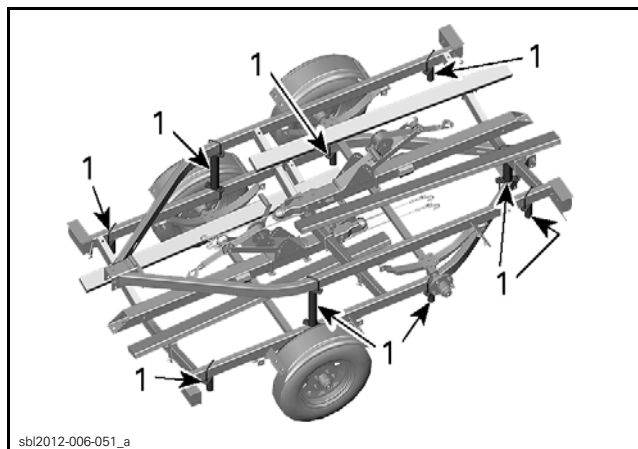
1. Using a fork lift, unload 1 bundle at the time and place it on a firm level surface. Use wooden blocks or jack stands to support the bundle properly.

NOTE: It's a tool-free packaging, just lift the bundle to separate shipping brackets.

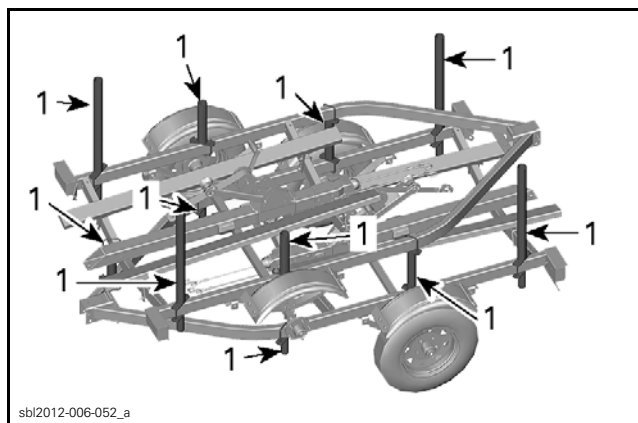


TYPICAL
 1. Shipping bracket attachment slides into the shipping bracket tube.

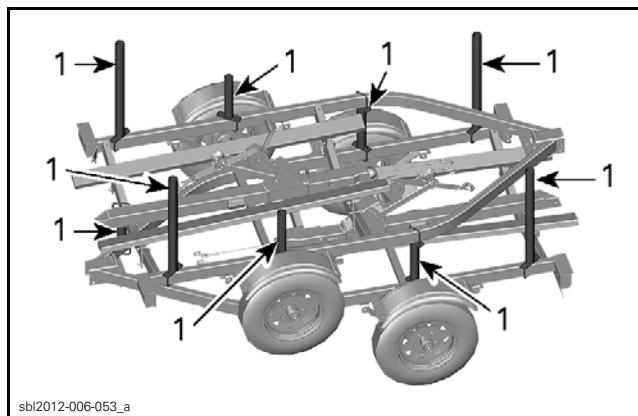
2. Remove all U-bolts and bolts securing shipping brackets to trailer. Discard all shipping bracket fasteners.



UPPER BUNDLE – ONE WHEEL REMOVED FOR CLARITY
 1. Shipping brackets to be removed



MIDDLE BUNDLE – ONE WHEEL REMOVED FOR CLARITY
 1. Shipping brackets to be removed

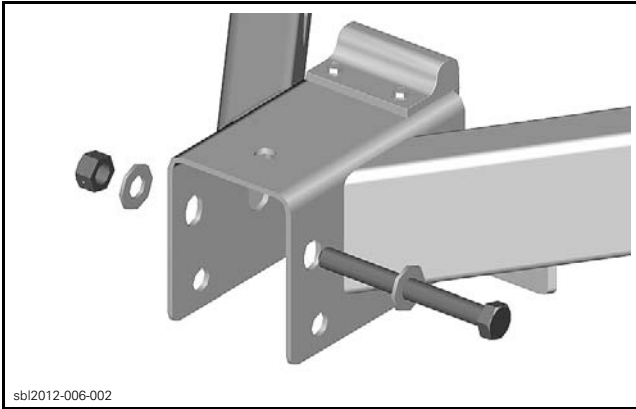


LOWER BUNDLE
 1. Shipping brackets to be removed

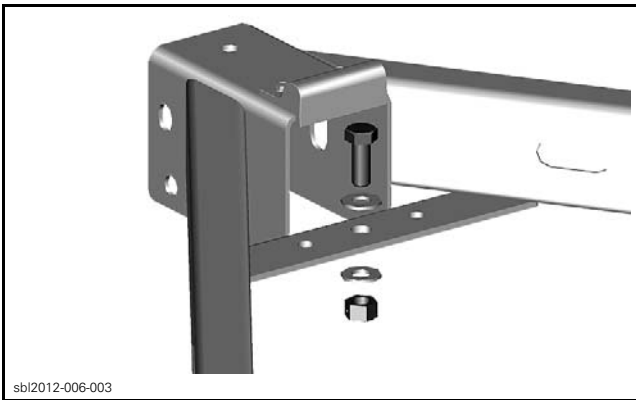
3. Place each trailer on a firm level surface.
 4. Repeat for each trailer. Discard shipping brackets and fasteners.

TONGUE INSTALLATION

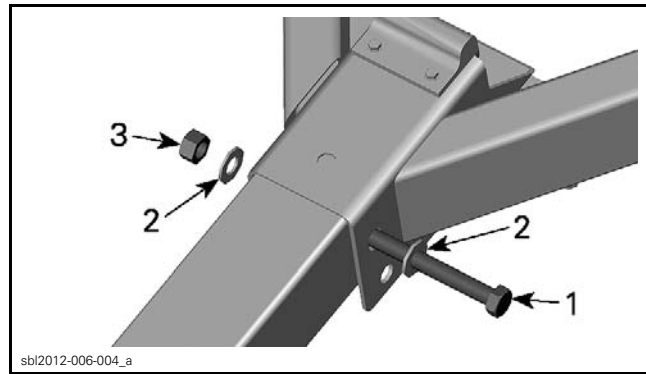
1. Detach and remove the tongue from the trailer.
2. Remove tongue fasteners from trailer.
 - 2.1 Remove the front 1/2-13 x 4-1/2 hexagonal bolt, its two 1/2 flat washers and the 1/2-13 elastic stop nut.



- 2.2 Remove the 1/2-13 x 1-1/4 hexagonal bolt, its two 1/2 flat washers and the 1/2-13 elastic stop nut.

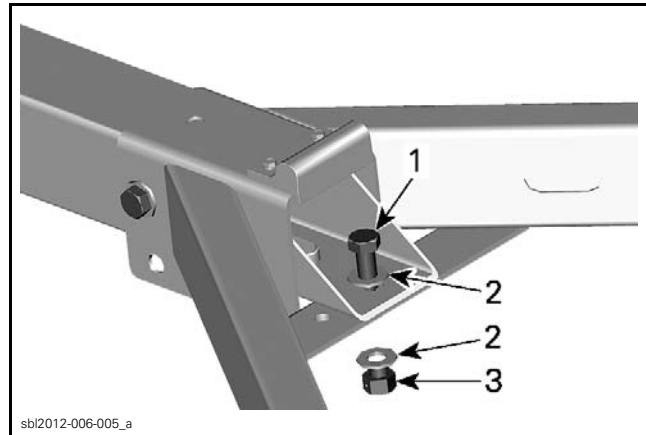


3. Insert the tongue into the trailer frame bracket until holes are aligned. Support the tongue with a jack stand during its installation.
4. Insert the previously removed 1/2-13 x 4-1/2 hexagonal bolt with a 1/2 flat washer through trailer bracket and tongue and secure it with a 1/2 flat washer and a 1/2-13 elastic stop nut.



1. 1/2-13 x 4-1/2 hexagonal bolt
2. 1/2 flat washers
3. 1/2-13 elastic stop nut

5. Install the previously removed 1/2-13 x 1-1/4 hexagonal bolt with a 1/2 flat washer inside tongue and secure it using another 1/2 flat washer and a 1/2-13 elastic stop nut.



1. 1/2-13 x 1-1/4 hexagonal bolt
2. 1/2 flat washers
3. 1/2-13 elastic stop nut

6. Tighten nuts to specifications.

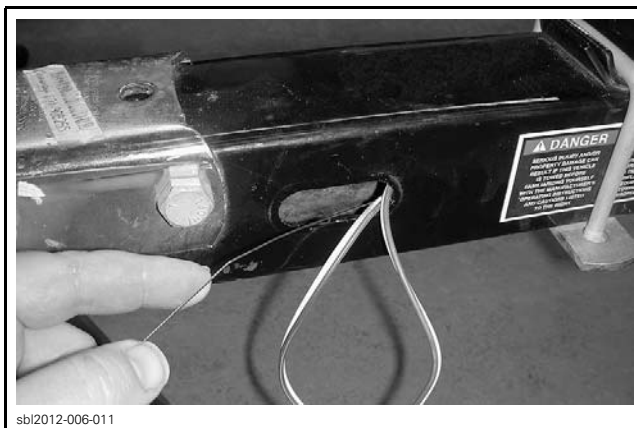
TIGHTENING TORQUE	
Nut of the 4-1/2 hexagonal bolt	28 N•m (21 lbf•ft)
Nut of the 1-1/4 hexagonal bolt	82.5 N•m (61 lbf•ft)

7. Remove the plastic grommet from the front opening of the tongue.
8. Extract both side marker connectors from the front of tongue.



sb12012-006-010

9. Insert a long metal wire through the hole located near the coupler. Insert the wire until its end comes out from the rear tongue end.

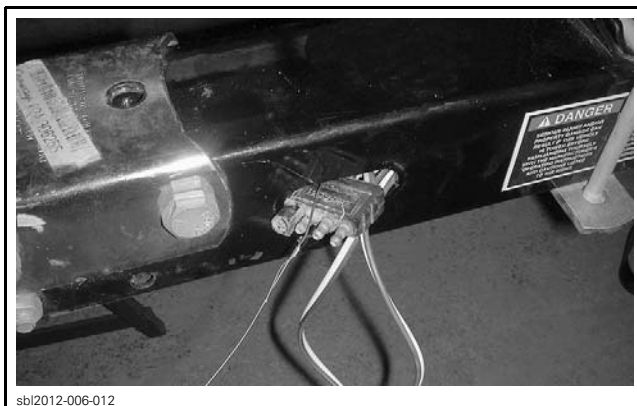


sb12012-006-011

10. Securely install the end of the metal wire length on the trailer harness connector and apply some electrical tape tightly over it. This will help routing the harness through the tongue.

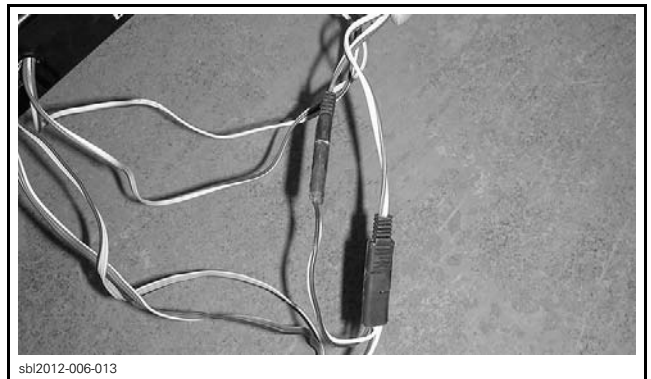
11. Slightly route harness in tongue by pulling the metal wire.

12. Extract the connectors and the harness from the tongue.



sb12012-006-012

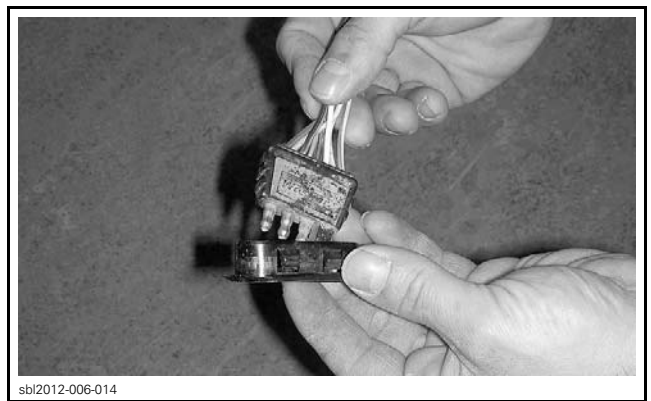
13. Connect both side marker connectors to trailer harness connectors.



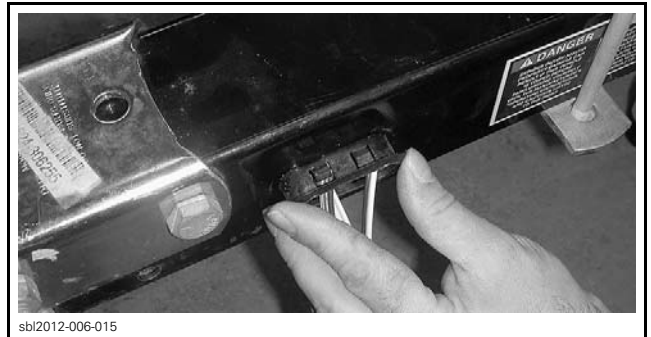
sb12012-006-013

14. Insert side marker connectors in the tongue.

15. Install the plastic grommet. Slide harness through the plastic grommet then clip the grommet on tongue.



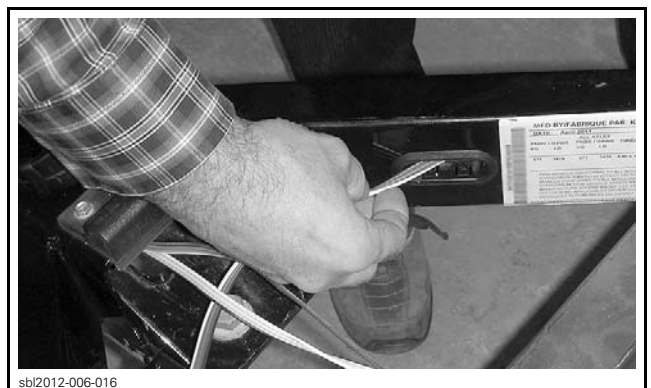
sb12012-006-014



sb12012-006-015

16. From the rear of tongue, pull out the harness.

17. Insert the remaining length of harness into the rear trailer tubes.



sb12012-006-016

FINAL PREPARATION

Tires Pressure

⚠ WARNING

Low pressure may cause tire to deflate and rotate on wheel. Overpressure may burst the tire. Always follow recommended pressure.

NOTICE Always check pressure when tires are cold before using the trailer.

Check tires pressure.

TIRE PRESSURE	
Cold tire	410 kPa (60 PSI)

Protective Materials

Ensure that all protective materials are removed from trailer.

Watercraft Positioning

The trailer must be specifically adjusted to the PWC model.

Refer to *TRAILER SET-UP*.

Trailer Cleaning

1. Wet the trailer thoroughly with water.
2. Wash the walk pads with water mixed with a mild detergent, such as soap specially formulated for motorcycles or automobiles.
3. Dry the trailer with a chamois or a soft towel.

NOTE: If necessary, use a mild automotive degreaser and follow the manufacturer's instructions.

ASSEMBLY INSPECTION

Visually and manually, inspect the following components to make sure that the trailer is properly assembled.

- Tightness of wheel lug nuts.
- Tightness of tongue fasteners.
- Tightness of coupler.

DELIVERY TO CUSTOMER

1. Give the *OPERATOR'S GUIDE* to customer.

NOTE: Any person who uses this trailer should read and understand all the information given in the *OPERATOR'S GUIDE* and on safety decals before using.

TRAILER SET-UP

Axle Positioning

Sea-Doo Models Reference Table

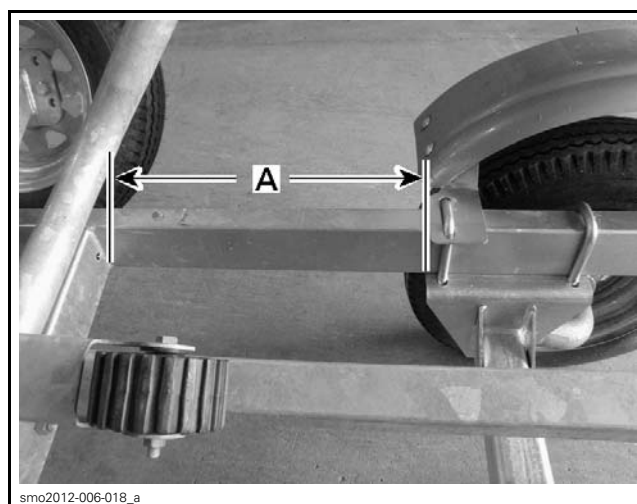
MODEL NAME	MODEL YEAR	SETTING TABLE
GTX [†] , RXT [™] , RXT-X [™] , RXT-X RS and WAKE [™] Pro	2010 - 2012	A
GTX iS [™] , GTX Limited iS and RXT iS	2009 - 2012	
GTX S, RXT-X aS [™] , RXT-X RS aS	2011 - 2012	
GTX, GTX Wake, RXT and RXT-X	2002 through 2009	B
GTI [™] , GTI SE and WAKE 155	2006 through 2010	C
GTS PRO	2011	
RXP [™]	2004 through 2011	D
RXP-X and RXP-X RS	2008 through 2011	
GTI, GTI Limited, GTI SE, GTS, GTR and WAKE 155	2011 - 2012	E
RXP-X and RXP-X RS	2012	F

Axle Forward Positioning

To suit all Sea-Doo watercraft models, the trailer axle must be moved forward from the factory position.

This table lists the applicable distance of the axle bracket in reference with the frame.

AXLE POSITIONING	
Setting "A"	205 mm (8.07 in)
Setting "B"	78 mm (3.07 in)
Setting "C"	78 mm (3.07 in)
Setting "D"	25 mm (.98 in)
Setting "E"	52 mm (2.05 in)
Setting "F"	103 mm (4.06 in)



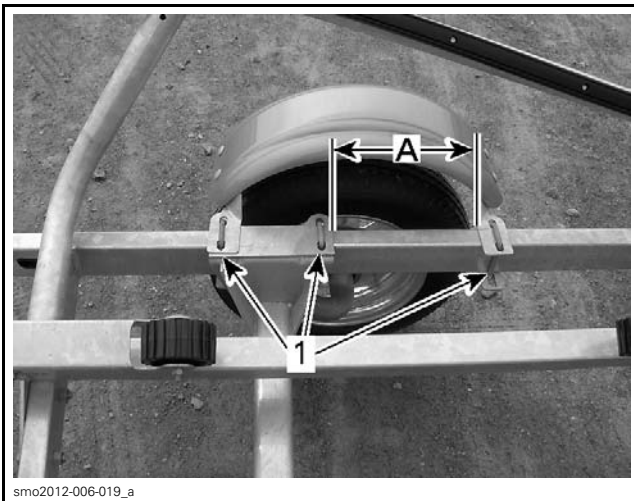
TYPICAL – AXLE POSITIONING

A. Distance to be measured as per table

To set axle to the required position, proceed as follows:

1. Measure and record distance between the fender U-bolt and adjacent U-bolt.

NOTE: This measure will be needed before tightening the U-bolt nuts.

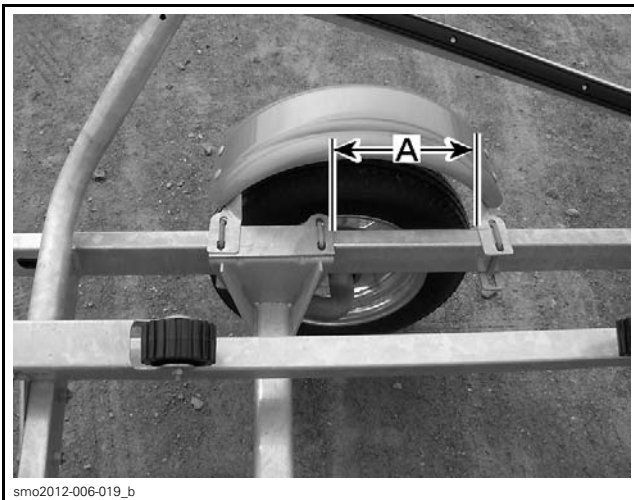


TYPICAL – AXLE ADJUSTMENT

1. U-bolts

A. Fender adjustment distance

2. Loosen 6 U-bolt nuts that fasten the axle and fender to the frame.
3. Move axle to the desired position (as per *AXLE POSITIONING TABLE* information).
4. Adjust the fender adjustment distance according to the measured distance of step 1.



A = Fender adjustment distance

5. Tighten nuts according to the following table.

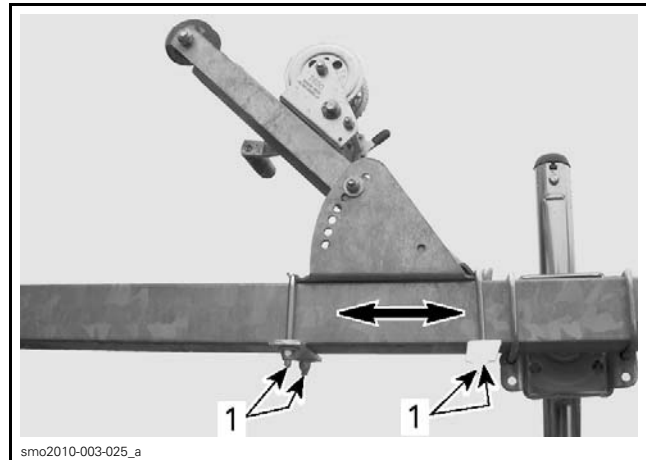
TIGHTENING TORQUE	
Fender retaining nuts	11.5 N•m ± 1.5 N•m (102 lbf•in ± 13 lbf•in)

Tongue Weight

Move winch support towards front or rear of trailer in order 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.

To adjust, loosen the 4 nuts underneath the winch support U-bolts, move winch support to the desired position, then tighten nuts to 27 N•m ± 3 N•m (20 lbf•ft ± 2 lbf•ft).



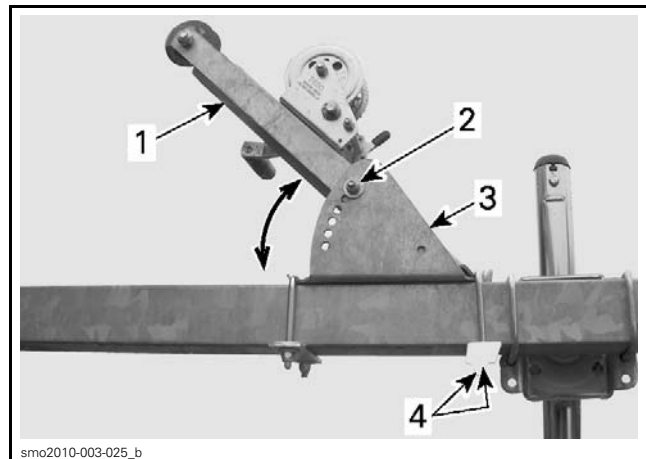
1. Winch support U-bolts nuts

Bow Stopper Roller

Set bow roller stopper so that it leans on the PWC bow between rubber bumper and bow eyelet (or bow cup on selected models).

To adjust:

1. Loosen the 2 nuts underneath the front winch support U-bolt.
2. Remove the winch arm adjustment bolt.
3. Set the bow roller stopper to the desired height, then lock it in position by inserting the bolt through the aligned winch support and winch arm holes.



1. Winch arm
2. Winch arm adjustment bolt
3. Winch support
4. Front U-bolt nuts

4. Tighten the fasteners according to the following table.

PARTS	TORQUE
U-bolts nuts	27 N•m ± 3 N•m (20 lbf•ft ± 2 lbf•ft)
Winch arm adjustment bolt	27 N•m ± 3 N•m (20 lbf•ft ± 2 lbf•ft)

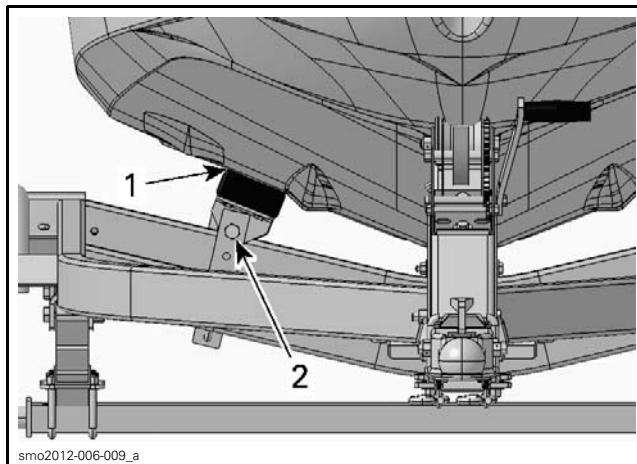
Bunks

The wooden bunks are preset to suit all Sea-Doo personal watercraft (PWC) hull designs, however, a universal rule applies: bunks must lean square against a plain area of the hull.

Make sure the bunks are well positioned.

To adjust:

1. Loosen the 2 nuts underneath the bunk when the PWC is not on the trailer.
2. Put the PWC on the trailer so the bunks are square with hull as shown on illustration.



1. Bunk square with hull
2. Nut

3. Tighten 2 nuts according to the following table.

TIGHTENING TORQUE	
Bunk retaining nuts	21 N•m ± 3 N•m (15 lbf•ft ± 2 lbf•ft)