



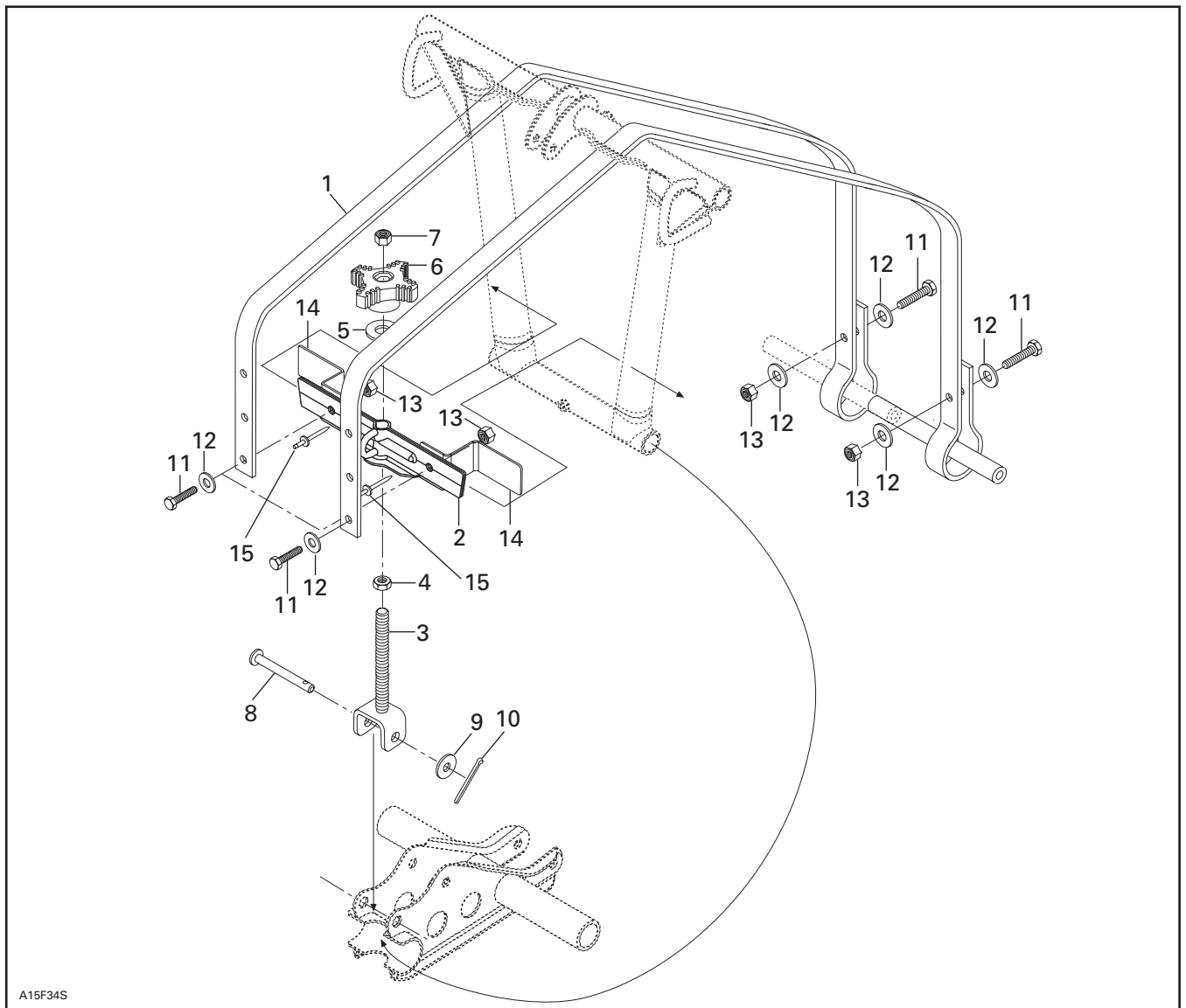
**REAR SUSPENSION  
QUICK ADJUSTMENT KIT  
(P/N 861 765 500)**

**⚠ WARNING**

For safety reasons, this kit must be installed by an authorized Ski-Doo® snowmobile dealer. Should removal of a locking device (e.g. lock tabs, self-locking fasteners, etc.) be required when undergoing disassembly/assembly, always replace with a new one. This instruction sheet should be given to the purchaser. This kit is designed for specific applicable models only. It is not recommended for units other than those for which it was sold.

NOTE: Installation time is approximately 1.5 hours.

**PARTS TO BE INSTALLED**



A15F34S

1. Strap (2)
2. Strap Link
3. Adjustment Screw
4. Nut M10
5. Washer
6. Adjuster Knob
7. Elastic Nut M10
8. Clevis Pin

9. Washer
10. Cotter Pin
11. Screw M8 x 25 (4)
12. Washer (6)
13. Elastic Nut M8 (4)
14. L-Shape Plate (2)
15. Rivet (2)

## INSTRUCTIONS

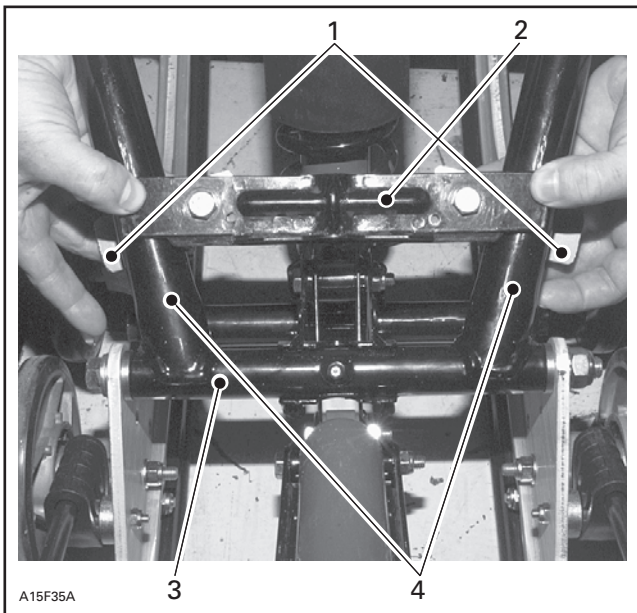
### Preparation

Remove rear suspension. Refer to REAR SUSPENSION section of *Shop Manual*.

Temporarily assemble L-shape plates **no. 14** to strap link **no. 2** with screws **no. 11** and elastic nuts **no. 13**. Slightly tighten for now.

Temporarily position strap link assembly parallel to lower axle of front arm suspension then position L-shape plates perpendicular to front arm, as shown on next photo.

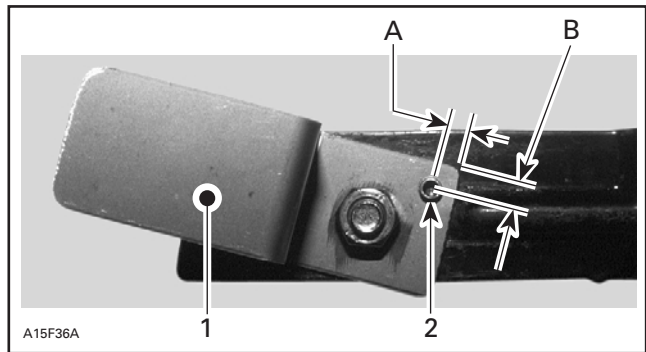
Temporarily tighten to hold plates in place.



1. L-shape plate
2. Strap link
3. Lower axle of front arm
4. Front arm

Slide strap link assembly upward to remove it.

Drill 2 holes with a drill bit 4.75 mm (3/16 in) then secure with rivets **no. 15**, as shown on the following photo.



VIEW FROM UNDER STRAP LINK

1. L-shape plate
2. Rivet
- A. 6.4 mm (1/4 in)
- B. 6.4 mm (1/4 in)

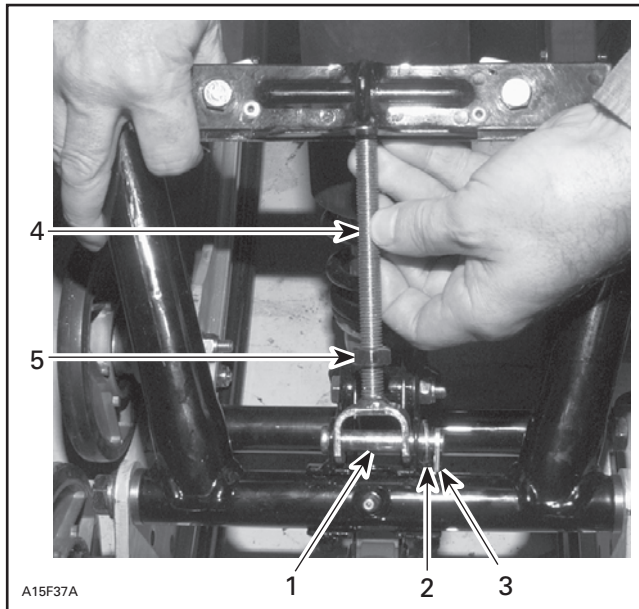
### Installation

Install adjustment screw **no. 3** on suspension with clevis pin **no. 8**, washer **no. 9** and cotter pin **no. 10**.

Install nut M10 **no. 4** on adjustment screw.

Insert adjustment screw into strap link assembly then slide down strap link, as shown on next photo.

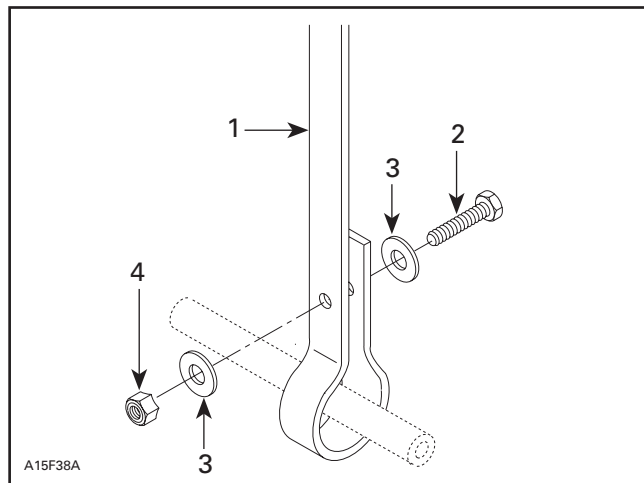
**CAUTION:** Ensure that strap link assembly is properly positioned. L-shape plate under front arm and strap link over front arm.



1. Clevis pin
2. Washer
3. Cotter pin
4. Adjustment screw
5. Nut M10

Remove existing straps.

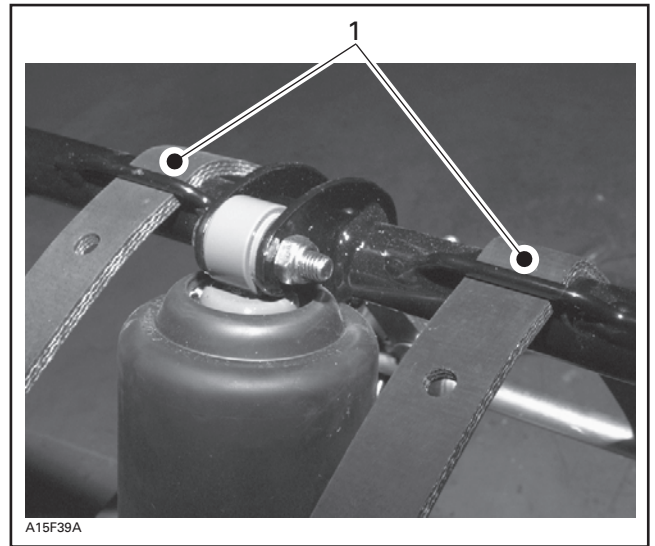
Install new straps **no. 1** with screws **no. 11**, washers **no. 12** and elastic nuts **no. 13**. Refer to the following illustration.



LEFT HAND SIDE SHOWN, IDENTICAL ON RIGHT HAND SIDE

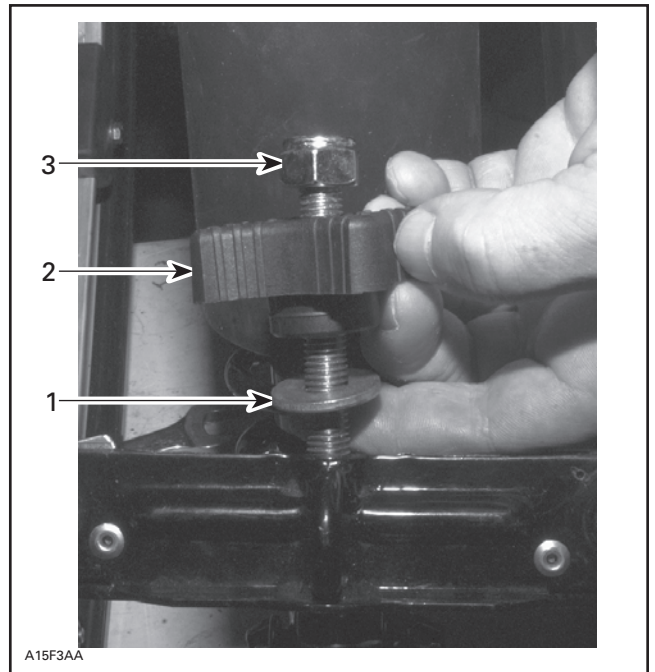
1. Strap
2. Screw
3. Washers
4. Elastic nut

Route straps over and pass them through brackets of front arm upper axle, as shown on the next photo.



1. Straps properly routed into brackets of front arm upper axle

Install washer **no. 5**, adjuster knob **no. 6** and elastic nut **no. 7**, as shown on the next photo.

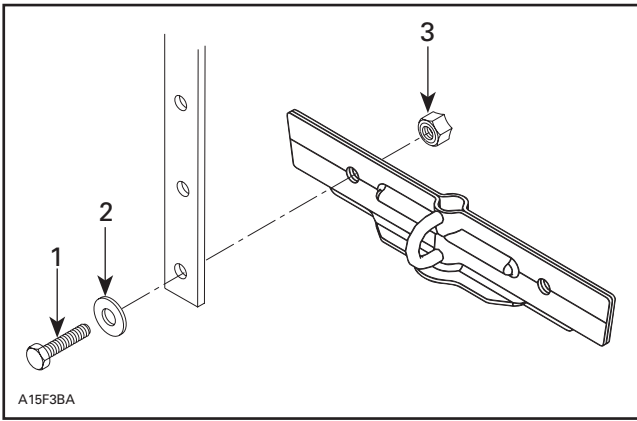


1. Washer
2. Adjuster knob
3. Elastic nut

Remove strap link assembly screws.

Apply pressure on front arm upper axle to compress suspension.

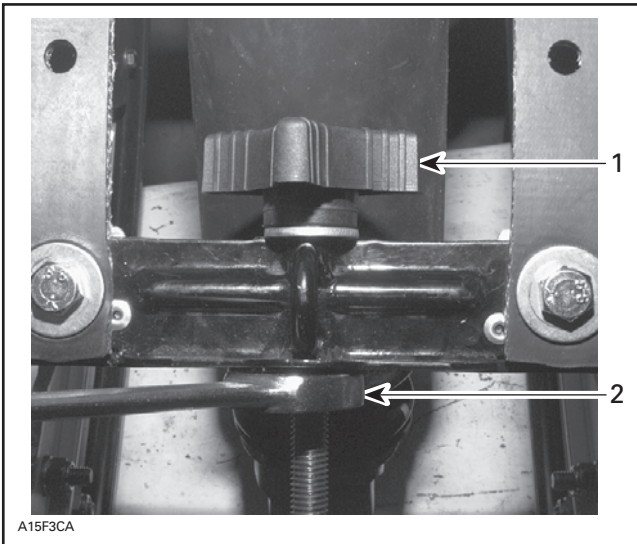
Secure straps to strap link assembly with previously removed screws **no. 11**, washer **no. 12** and elastic nut **no. 13**, as shown on the next illustration.



LEFT HAND SIDE SHOWN, IDENTICAL ON RIGHT HAND SIDE

1. Screw
2. Washer
3. Elastic nut

Adjust suspension with adjuster knob and secure with nut, as shown on the next photo.



1. Adjuster knob
2. Secure with nut

Reinstall rear suspension onto snowmobile.

## 861 765 500

1.	570 049 700	Strap (2)	Courroie (2)
2.	503 188 400	Strap Link	Tendeur de courroie
3.	503 166 300	Adjustment Screw	Vis de réglage
4.	232 006 414	Nut M10	Écrou M10
5.	224 002 251	Washer	Rondelle
6.	572 034 000	Adjuster Knob	Bouton de réglage
7.	233 601 416	Elastic Nut M10	Écrou élastique M10
8.	414 803 900	Clevis Pin	Axe de chape
9.	234 001 410	Washer	Rondelle
10.	371 801 000	Cotter Pin	Goupille fendue
11.	207 182 544	Screw M8 x 25 (4)	Vis M8 x 25 (4)
12.	234 082 410	Washer (6)	Rondelle (6)
13.	232 581 414	Elastic Nut M8 (4)	Écrou élastique M8 (4)
14.	503 188 500	L-Shape Plate (2)	Plaque en «L» (2)
15.	390 404 300	Rivet (2)	Rivet (2)