

# ***Snowcoach Deluxe*** ***with*** ***Gas Shock Suspension*** *Assembly Instructions*

Congratulations!

You are the owner of the best snowmobile cutter on the market today! Our newest Snowcoach combines all of the tried and true qualities of the Snowcoach Deluxe and takes it a step further with our new luxurious Gas Shock suspension. You'll find this model to be truly a marvel and we're sure that you'll get hours of enjoyment from its use.

Your Snowcoach is partially knocked down for easy shipment, so some assembly is required. Follow these simple instructions and enjoy your Snowcoach!



Important: **Save these instructions, DO NOT DISCARD!**

Your Snowcoach is shipped partially assembled, with the following components:

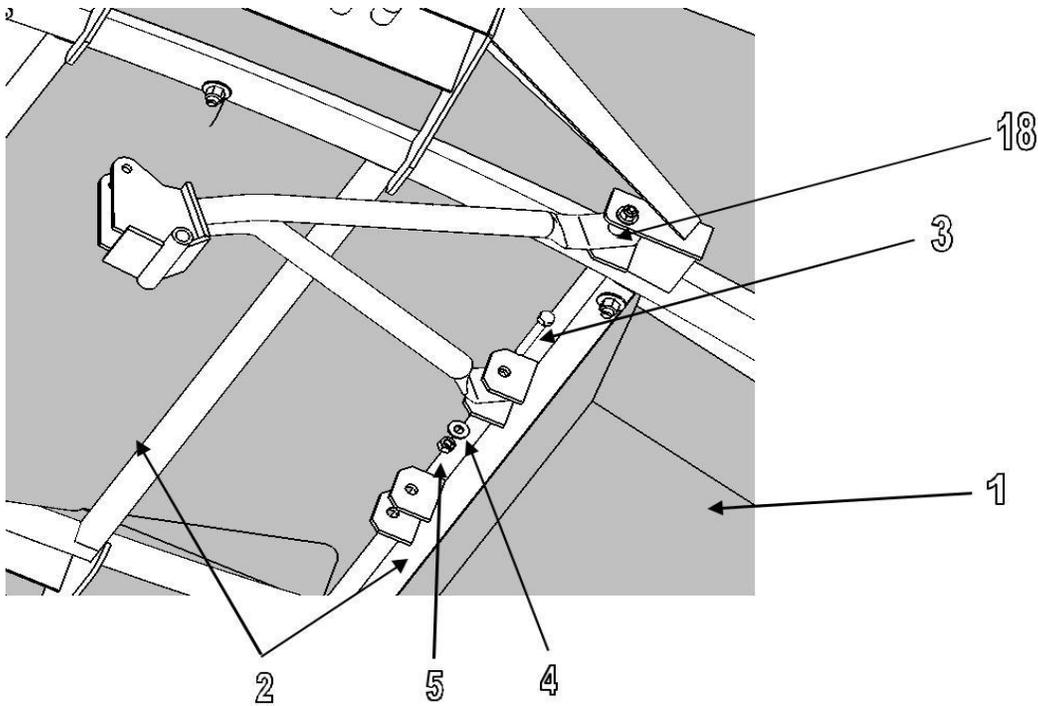
- \* Welded steel frame and body assembly
- \* Tow bar assembly
- \* Skis
- \* Gas Shock suspension assembly
- \* Jumper wiring harness and connectors

Inspect contents to ensure all parts have been received. Please refer to parts list for specific part number. Call **1-800-665-7487** for assembly assistance.

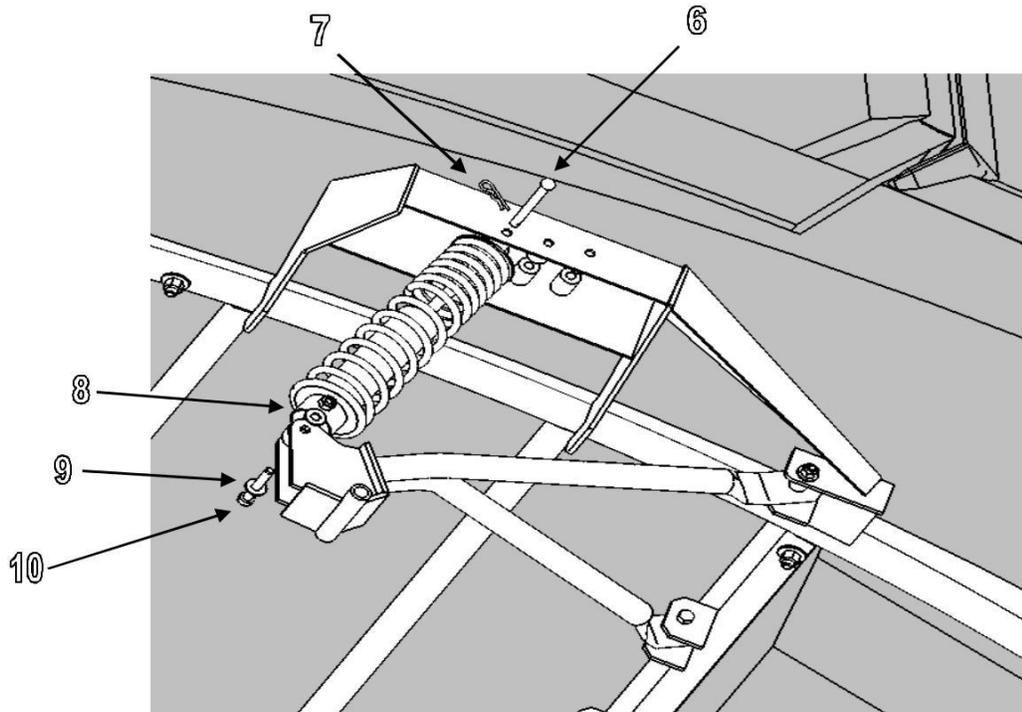
### **A-FRAME ASSEMBLY INSTRUCTIONS**

With two people grab the coach by the front of the frame and roll it over so it is upside down, this will make assembly much easier.

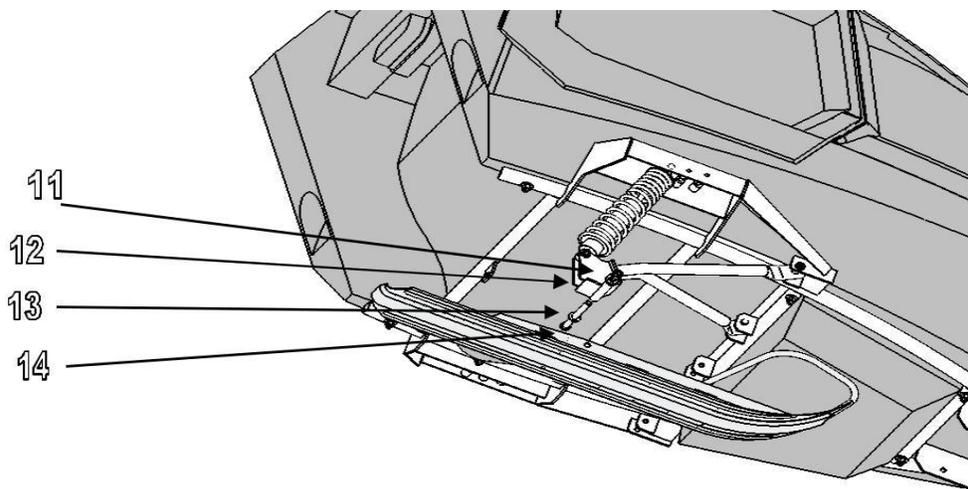
**Step 1:** Attach the "A-Frame" to the Snowcoach frame by securing the outer leg with the 3/8" x 3 1/4" Hex Head Bolt and 3/8" nylon lock nut, and then secure the inner leg with a 3/8" x 3 1/4" Hex bolt and 3/8" nylon lock nut. Use 3/8" washers four per A-frame, one on each side of the welded bushing.



**Step 2:** Next attach the bottom end of the Gas Shock to the knee-joint of the A-Frame using the 3/8" x 2" bolts, two 3/8" washers and 3/8" nylon locknut. Then attach the top of the Gas Shock to the back shock casing on the Snowcoach frame using 3/8" x 3 1/4" hex bolts as shown below. Use 3/8" washers on each side of the shock head.



**Step 3:** Fasten wear bars onto skis using 5/16" hex nuts. Attach the ski onto the Gas Shock heel as below using the 1/2" x 5 1/2" Hex Bolt, two 1/2" washers, two 1/2" machine



**Step 4:** Repeat for the opposite Gas Shock and ski assembly. Once the Gas Shock and skis have been attached, stand the unit upright for the hitch assembly.

## Tension Setting for Shocks

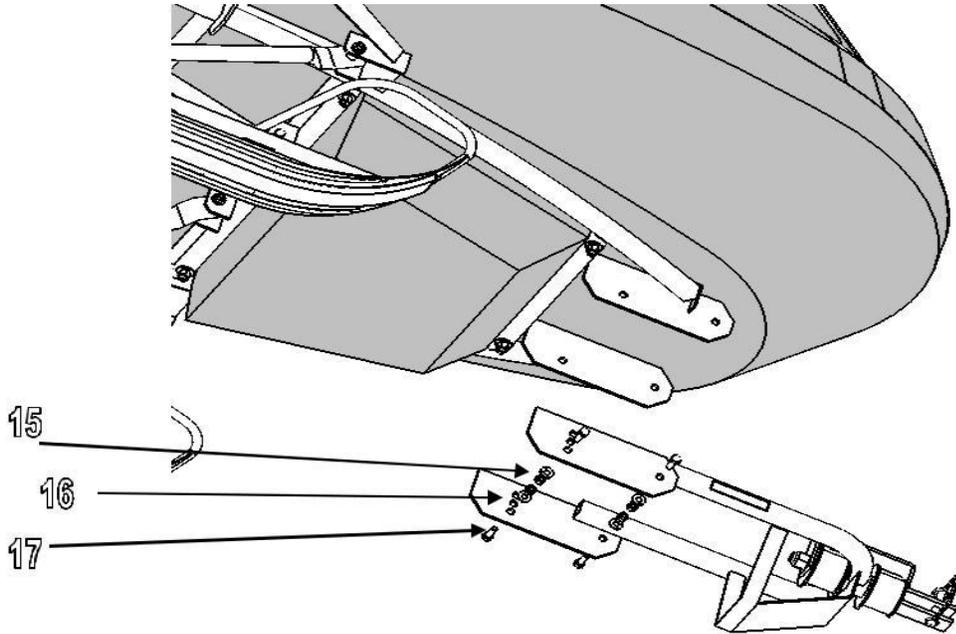


There are 4 settings you can adjust your shock too.

The ONLY way to adjust is to turn CLOCKWISE.



**Step 5:** Attach the hitch onto the Snowcoach frame with the four 3/8" x 1 1/4" fine thread bolts, eight 3/8" USS 17 Washers and four 3/8" fine thread nylon locknuts.



## **INSTALLING BRAKE/TAIL LIGHT WIRING CONNECTION**

**Step 1:** Splice the jumper harness to the appropriate wire (details below) on the snowmobile, using the connectors provided. Secure the jumper harness to the harness on the snowmobile and test by turning on the snowmobile and applying the brake.

*Note:* The table below lists the functions of the Snowcoach harness.

<b><i>Function</i></b>	<b><i>Snowcoach</i></b>
Ground	Brown
Running	Green
Brake	Yellow

\*\* Consult your local snowmobile dealer to obtain the current functions of your snowmobiles' harness.

*Assembly is now complete.*

Before you head out onto the trail with your new Snowcoach in tow, become familiar with the Operating and Maintenance Instructions so that you and your family & friends can enjoy hours of carefree snowmobiling pleasure.

## **Lexan Windows**

*Cleaning:* Rinse with luke warm water, wash gently with mild soap or detergent and luke warm water using a soft cloth or sponge. DO NOT SCRUB or use brushes or squeegees.

To minimize scratches and minor abrasions, use automotive polish such as Johnson's Paste Wax or Novus Mirror Glaze Plastic Polish.

## **Window Fogging**

Units are shipped with three holes in the frame above the door and adjustable vents in the rear window to reduce fogging. An anti-fogging solution can be picked up from most hardware stores or from your dealer, this can be applied to the windows and will generally reduce fogging to a minimum.

## **WARNING!!!**

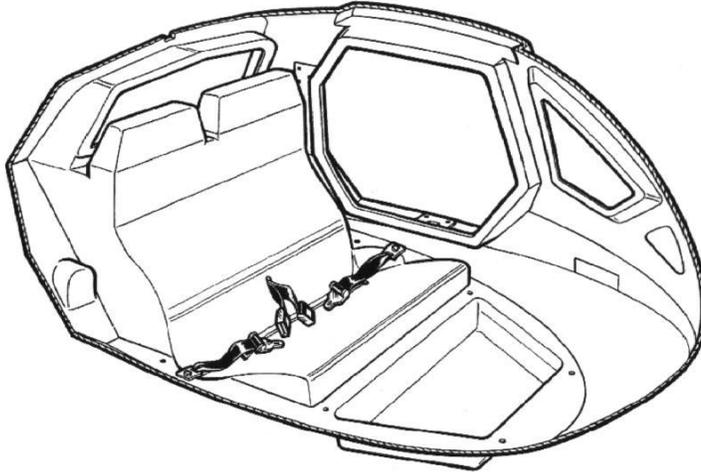
**Warning** - Snowmobile exhaust fumes are toxic. Exhaust fumes from your snowmobile can enter the Snowcoach during certain operating conditions. Every effort should be made to minimize the potential for contamination and to provide passengers with fresh air. A list of recommended practices includes, but is not limited to:

- \* Don't leave the snowmobile running when you are stopped with passengers in the Snowcoach.
- \* Use oils specifically designed to reduce emissions.
- \* Make sure the rear Snowcoach vents are open to allow ventilation.
- \* When travelling in a group of snowmobiles either position yourself at the front of the group or sufficiently separated to make sure there has been an opportunity for the confined exhaust fumes to dissipate.

Incorporating these and other safety precautions will help to insure your passengers of a safe and pleasant drive.

## **OPTIONAL SEAT CUSHION INSTALLATION**

The Snowcoach is shipped with velcro strips installed on the back of the head rests and on the bottom fold. The seat cushion has velcro along the top and bottom. Install the cushion pulling the seat belts through the openings provided and attach the velcro on the seat cushion to the velcro on the Snowcoach seating.



## **STORAGE**

Equinox has a Storage and Transport Cover available for the Snowcoach that will protect the polyethylene body from UV degradation if the unit is stored out of doors. This part can be ordered through your dealer or directly from Equinox Industries.

## **OPERATING AND MAINTENANCE**

1. Before using, always inspect your Snowcoach for damage and check to see that safety features such as the tail light is operating properly.
2. Always insure that the safety chain is connected to the tow vehicle.
3. The additional weight of the Snowcoach will change the handling and braking characteristics of the towing snowmobile. Adjust speed accordingly. Remember, the Snowcoach Gross Vehicle Weight (GVW) under maximum load is approximately 485 lbs. (220 kg).
4. Towing speeds should not exceed 20 mph (33 km/h) at any time and extra caution should be taken when negotiating moguls, riding in ditches, crossing culverts, driveways, roads or passing between obstacles. Be aware of overhanging obstacles.

5. NEVER make high-speed turns, particularly on sloped surfaces or embankments.
6. Passengers should always wear approved helmets.
7. Passengers should not ride standing up nor on the outside of the Snowcoach at any time.
8. The Snowcoach is not heated; remember, passengers should dress to prevent chill.
9. Infants are NOT recommended as passengers. Do not cruise for extended periods of time with small children.
10. Do not overload Snowcoach.
11. Never spin the snowmobile track while towing the Snowcoach. Even though the windshield blocks wind and blowing snow, injury to the passengers from flying debris could occur.
12. Do not use solvents to clean the windshield or the decals.

BG-30682  
Optional Steel Storage Rack

SNOWCOACH KIT PARTS	QUANTITY
LIMITED ROTATION HITCH PIN ASSEMBLY	1
SHOCKS	2
SHOCK ADJUSTMENT TOOL	1
WEAR BAR	2
HITCH W/CHAIN	1
A ARMS	2
HARWARE KIT C/O	
WASHERS 3/8	32
BOLTS 3/8 X 3 3/4	2
BOLTS 3/8 X 2	2
BOLTS W/NUTS 3/8 X 1 1/4	4
BOLTS 3/8 X 3 1/4	4
BOLTS 1/2 X 5 1/2	2
WASHERS 1/2	4
SKI MACHINE BUSHINGS	4
LOCKNUTS 1/2	2
LOCKNUTS 3/8 COARSE THREAD	8
HEX NUTS	6
VENT DISC C/W 2 SCREWS/4 WASHERS/ 2 BOLTS	2
WIRING HARNESS	1
SET OF KEYS	1

**Accessories Available**

<b>BG-S1275</b>	<b>1</b>	<b>Black Seat Cushion</b>
<b>BG-30682</b>	<b>1</b>	<b>Storage Rack</b>
<b>BG-30685</b>	<b>1</b>	<b>Transport Cover</b>
<b>BG-S1269</b>	<b>1</b>	<b>Ski Skins</b>
<b>BG-S1098-B</b>	<b>1</b>	<b>Composite Ski Set</b>
<b>BG-20680</b>	<b>1</b>	<b>ATV Conversion Kit</b>

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