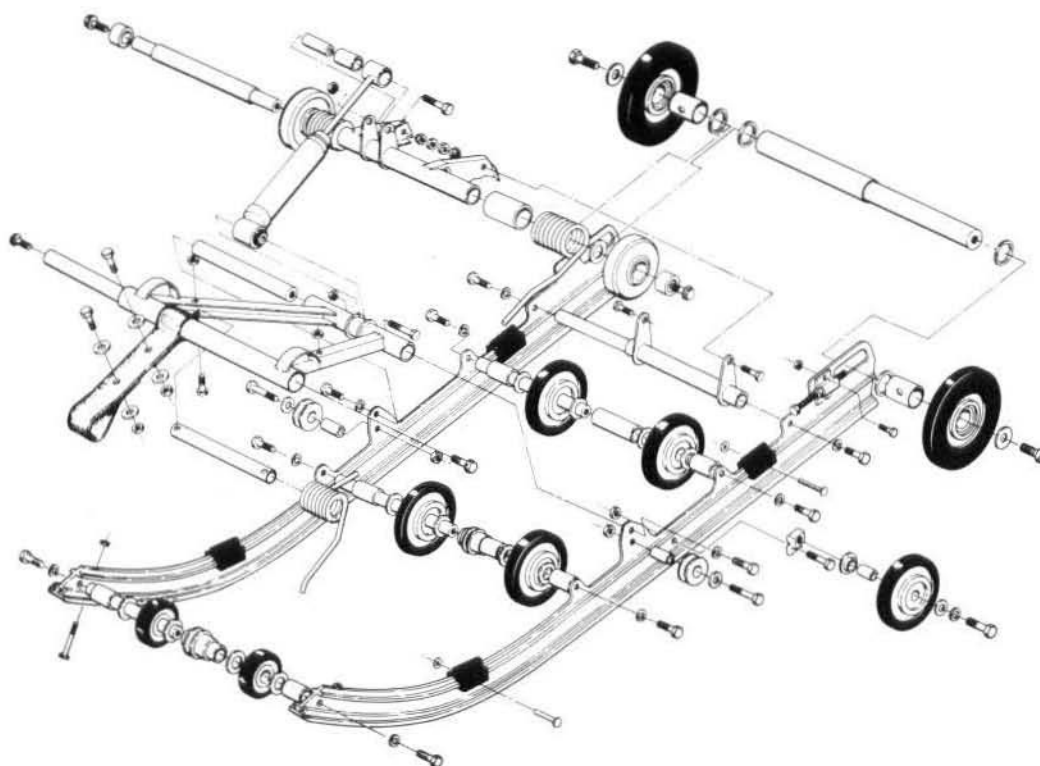


## SUSPENSIONS

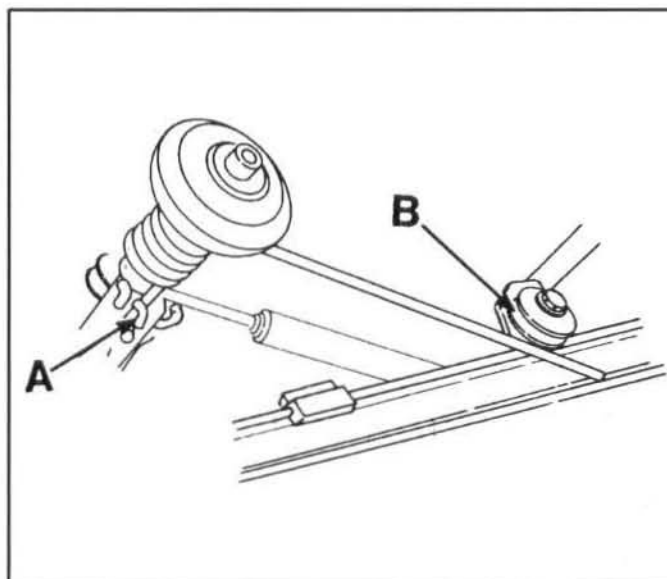
### Type XIII Exploded View and Adjustments



Type XIII Exploded View

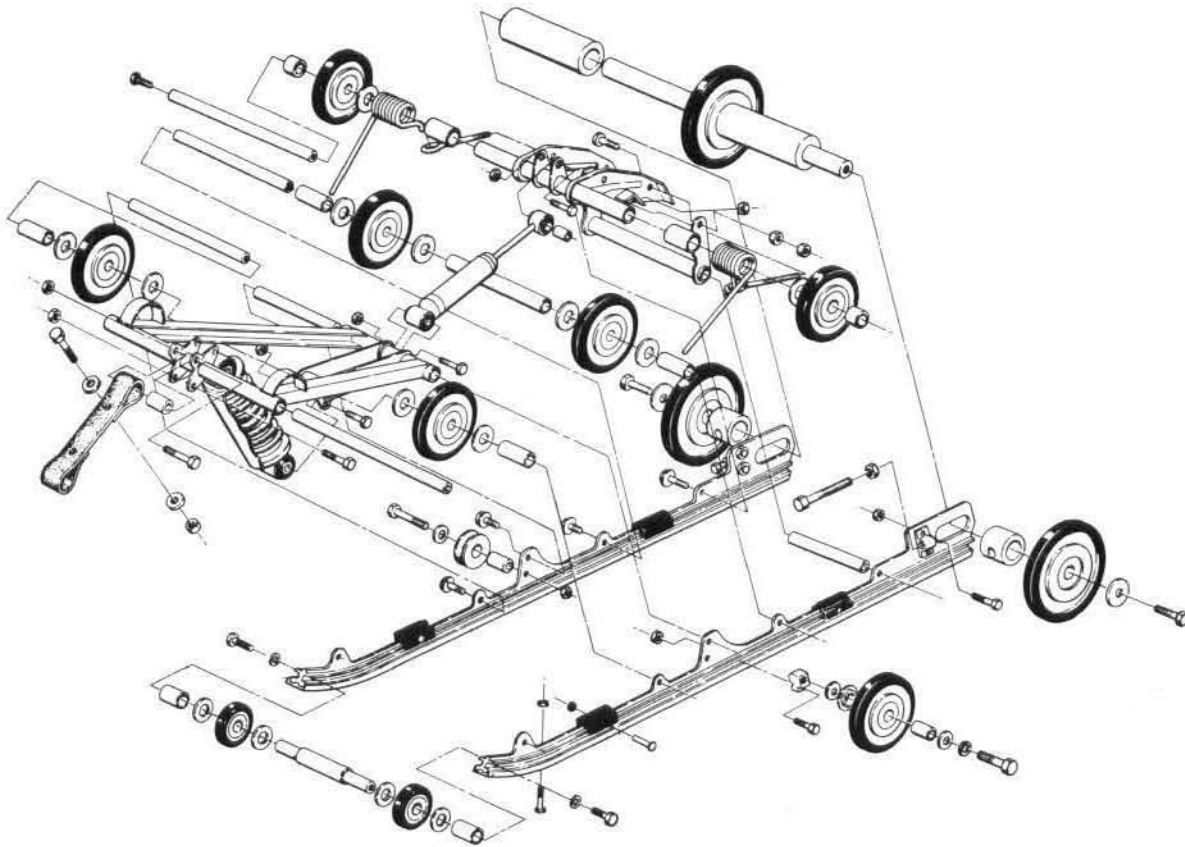
Rear springs are changed or adjusted primarily for rider weight. To adjust, release front leg from carrier wheel (B) by inserting a screwdriver under spring leg (A) and either raising or lowering short spring leg. Raising the spring leg will increase spring preload. Lowering the spring leg will decrease preload.

The front torque arm limiter strap may also be adjusted for varying ski-to-ground pressure. Lengthening the strap will decrease ski-to-ground pressure. Shortening the strap will increase ski-to-ground pressure.



## SUSPENSIONS

### Type XIV Exploded View and Adjustments

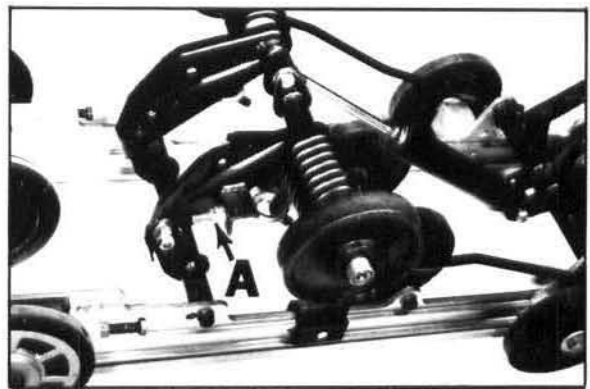


Type XIV Exploded View

#### Rear Torque Arm Springs

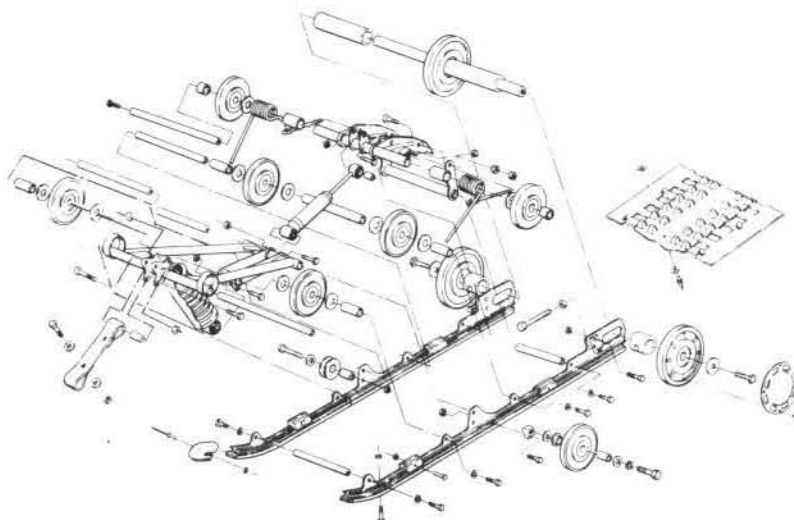
Rear spring adjustment is primarily a control for rider comfort. To check for recommended setting, lift rear of machine to relieve rear springs. Slowly lower the machine and measure the distance from the ground to the running board. Have the rider carefully mount the machine. The difference between the two readings should be approximately 1 1/2" (3.8 cm). If the difference is greater than 1 1/2" (3.8 cm), the rear spring (A) should be adjusted equally on both sides until the desired drop is obtained.

**NOTE:** Rear spring settings will affect ski-to-ground pressure. If ski pressure is too light, it may be desirable to tighten rear springs for an increase in ski-to-ground pressure.



## SUSPENSIONS

### Type XV Exploded View and Adjustments



Type XV Exploded View

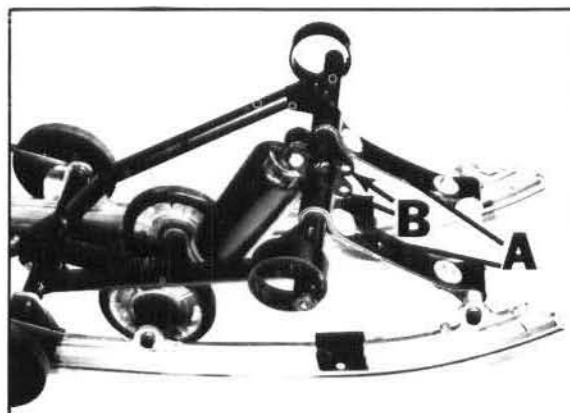
#### Front Torque Arm Spring and Limiter Strap Adjustments

Ski pressure can be increased or decreased using the following adjustments.

The front torque arm limiter straps (A) can be shortened to increase ski pressure. The front torque arm shock assembly may also be repositioned to either increase or decrease travel firmness.

In the photo at right, the shock and spring assembly are in the most firm position. If a less firm spring is desired, the shock can be mounted in the lower position (B).

On all suspension settings, Polaris has set the machines up for average riding conditions and average rider weight.



#### Rear Shock Adjustment

If the ride seems a little firm after making the rear spring adjustments, the rear shock can be moved to the upper mounting hole (A) for a softer ride.

#### Rear Spring Adjustment

Rear springs are adjusted primarily for rider weight. To check ride in, raise rear of machine to relieve rear springs. Slowly lower the machine and measure the distance from the floor to a mark on the running board. Have the rider carefully mount the machine. Adjust the eye bolts equally so there is approximately a 1 1/2" (3.8 cm) drop as the rider mounts the machine.

