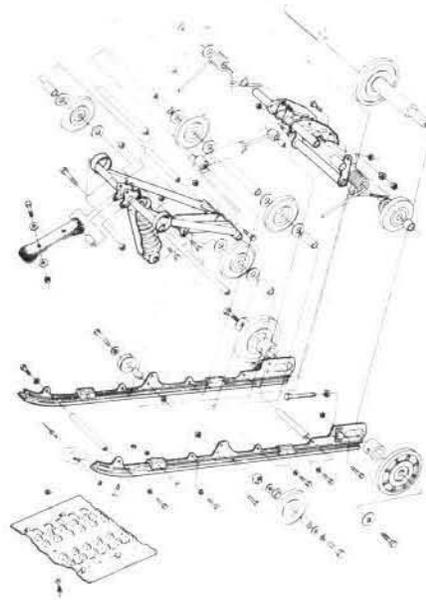


## SUSPENSIONS

### Type XVI Exploded View and Adjustments



Type XVI Exploded View

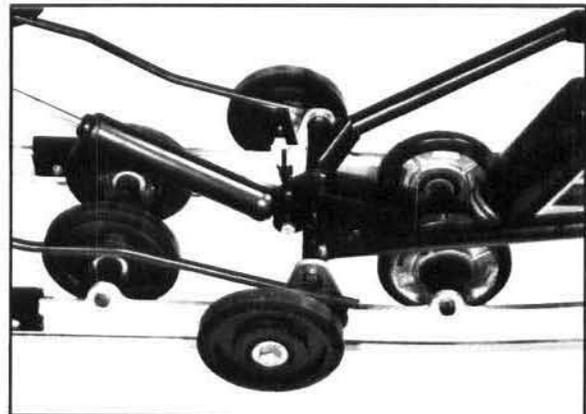
#### Front Torque Arm Spring and Limiter Strap Adjustments

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.

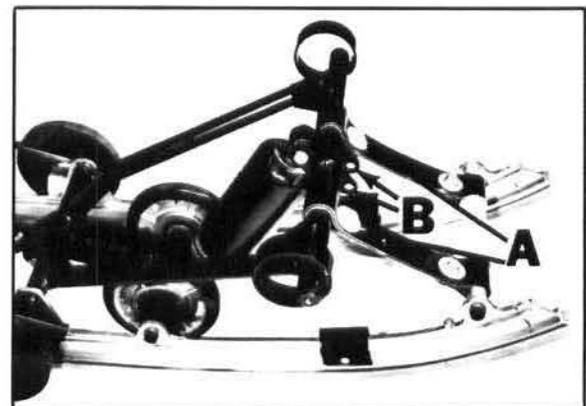


#### Rear Shock Adjustment

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.

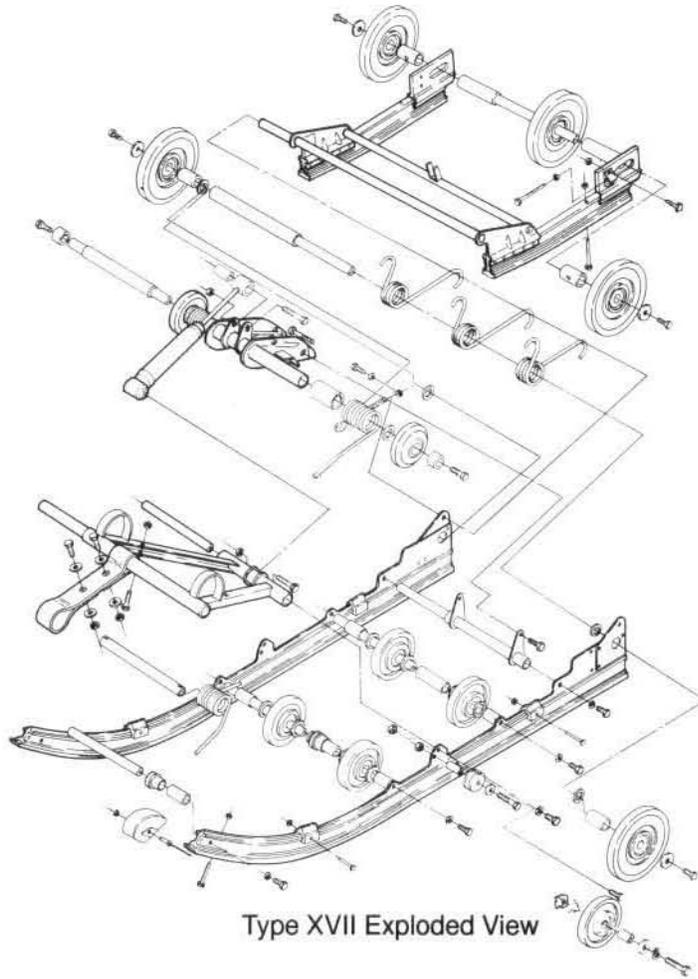
#### Rear Spring Adjustment

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. Adjust springs so there is equal tension on the long leg of each spring.



## SUSPENSIONS

### Type XVII Extruded Aluminum Exploded View and Adjustments

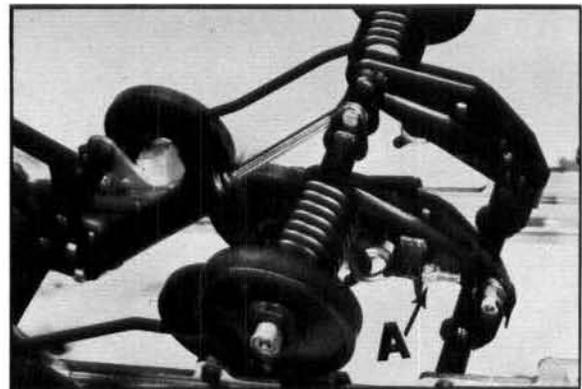


Type XVII Exploded View

#### Adjustments

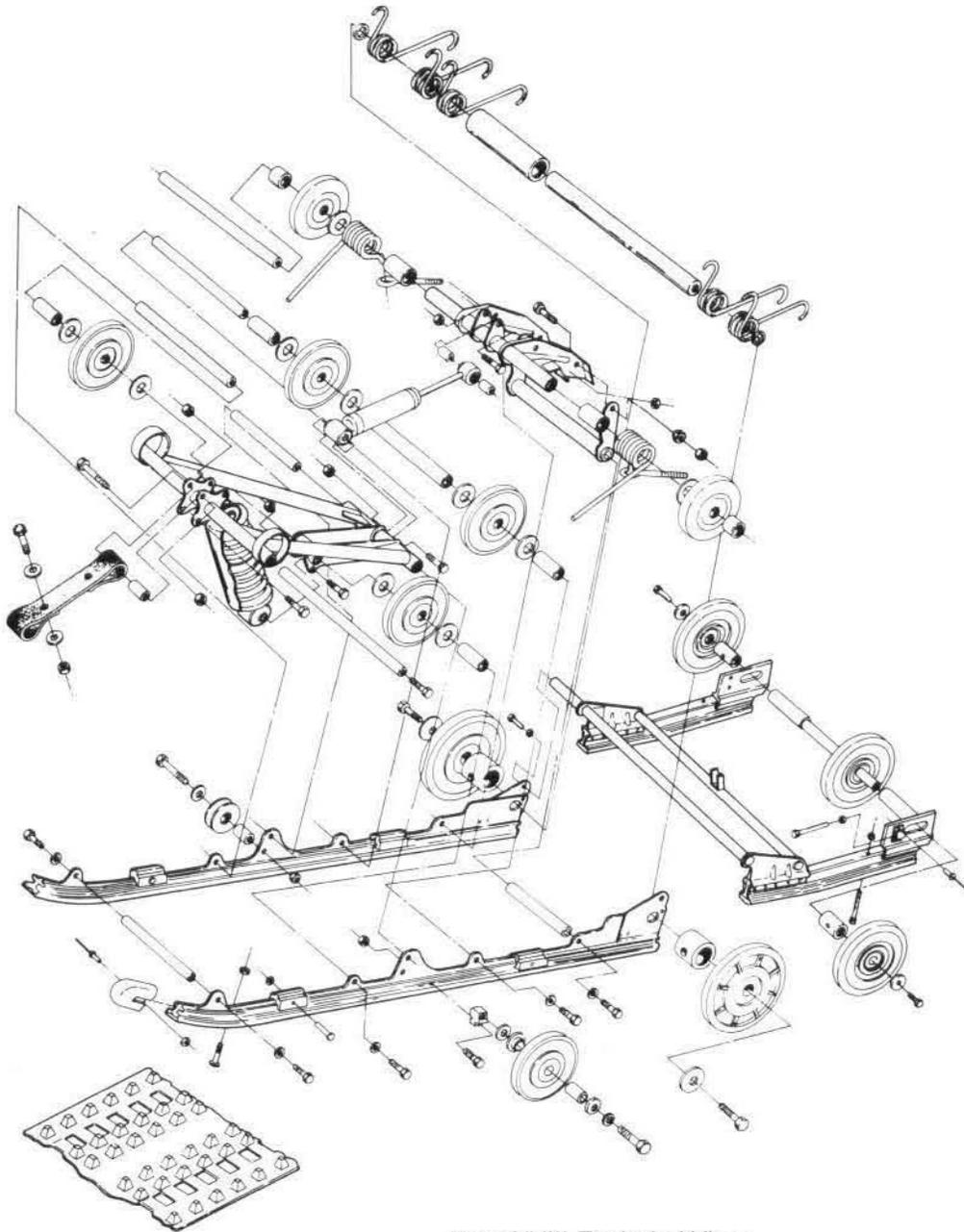
Compensating adjustments for heavy or light drivers or cargo loads can be made by adjusting the rear spring eyebolt length. Rear spring settings also affect ski-to-ground pressure. Increasing spring tension also increases ski pressure. Adjust spring tension so there is equal tension on the long leg of each spring (A).

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



# SUSPENSIONS

## Type XVIII Extruded Aluminum Exploded View and Adjustments



Type XVIII Exploded View

### Adjustments

Compensating adjustments for heavy or light drivers or cargo loads can be made by adjusting the rear spring eyebolt length. Rear spring settings also affect ski-to-ground pressure. Increasing spring tension also increases ski pressure. Adjust spring tension so there is equal tension on the long leg of each spring (A).

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

