

## FOX Shocks

If service work is needed on any FOX shocks, the shock must be removed and sent to FOX or any FOX distributor for any service work. For FOX shock information, log on to [www.ridefox.com](http://www.ridefox.com).

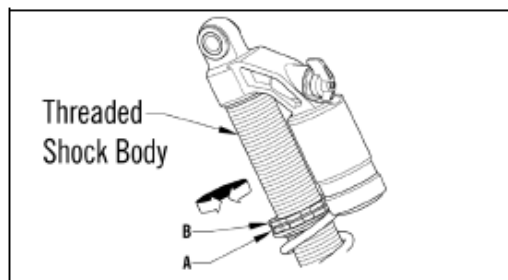
Each shock absorber should be visibly checked weekly for fluid leakage, cracks or breaks in the body, or a bent shaft. If any one of these conditions is detected, replacement is necessary. Take the snowmobile to an authorized Yamaha Snowmobile dealer for this service. If not under warranty, this service is at the discretion and expense of the snowmobile owner.

### Adjusting Front Ski Shock

The front ski shock springs are individually adjustable for the terrain conditions and driving style of the operator. The spring adjuster nut has been set at the factory so the correct amount of threads are exposed between the adjuster nut and the threaded shock body as an initial setting. Additional ski pressure can be obtained by tightening the spring tension; ski pressure can be decreased by relaxing spring tension.

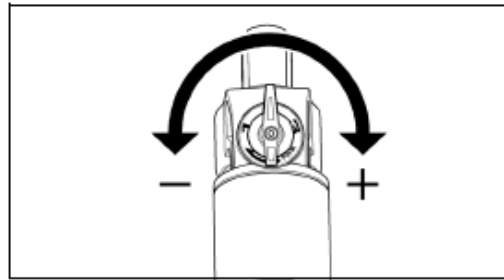
■ **NOTE:** Equal adjustments should be maintained on both sides of the snowmobile.

Front ski shock spring preload adjustment is accomplished by loosening the adjuster nut locking collar (B) from the adjuster nut (A) and using the Spring Adjuster Tool from the tool kit, rotating the adjuster nut in whichever direction is desired. Tighten the locking collar against the adjuster nut.



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To adjust the damping, use the adjustment lever located above the EVOL chamber on the shock. There are three settings that may be chosen: 1, 2, or 3. Setting #3 is the stiffest and most controlled position.



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### FOX iQS Shocks (Modifying customized DRIVER 1 and DRIVER 2 settings)

The iQS shocks are adjustable by choosing an overall compression setting (Soft, Medium or Firm) for both the front and rear shocks, or two customized driver profiles that fine tune the ride separately between the front ski shocks and rear skid shock. Adjustments may be made while the snowmobile is in motion using the gauge control on the handlebar or the gauge.

To set the customized driver profiles, press and hold the Lower Left and Lower Right Buttons on the gauge; then press the Upper Left Button or Lower Left Button until the Advanced screen appears. Press the Lower Right Button to select that screen.



ZR-297

Press the Upper Left or Lower Left Button to select DRIVER 1 or DRIVER 2; then press the Lower Right Button to choose that DRIVER.



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ZH-299

The compression of the front ski shocks and rear skid shock are separately adjustable to the settings of Soft, Medium or Firm.

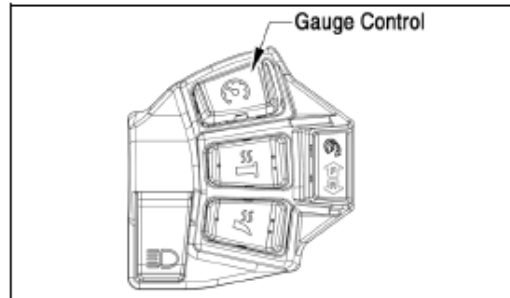
First, the ski setting will blink on the screen. To adjust the setting, press the Upper Left or Lower Left Button; then press the Lower Right Button to save the setting. Next, the rear track setting will blink. To adjust the setting, press the Upper Left or Lower Left Button; then press the Lower Right Button to save the setting.

Press the Upper Left or Lower Left Button to select the other DRIVER and repeat the steps above to adjust and save the settings.

When the settings in each DRIVER have been saved, press the Lower Left Button to choose Exit and then press the Lower Right Button.

### FOX iQS Shocks (Selecting suspension setting)

With the engine running, press the center of the gauge control button located on the left-side handlebar control.



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The iQS screen will appear and show the current suspension setting at the bottom of the screen.

Press the left or right side of the gauge control button to select one of the following suspension settings:

DRIVER 1 or DRIVER 2 for the customized driver profile; or

SOFT, MED or FIRM for the overall shock compression setting.



YM-244



YM-245



YM-219



YM-220



YM-221

The suspension setting may be changed when the snowmobile is in motion and whenever the iQS screen displays the suspension setting.

Press the center of the gauge control button to exit the iQS screen.