

Suspension Adjustment Guidelines

	Symptom	Action
Stiff suspension	<p>Initial travel too stiff:</p> <ul style="list-style-type: none"> • Stiff on small bumps while riding at full throttle in a straight line. • Stiff on small cornering bumps. • Front end wanders while riding at full throttle in a straight line. 	<ul style="list-style-type: none"> – Test softer compression damping adjustments in one-click increments. – Reduce the rebound damping adjustments in 1/4 turn increments. – Check for dirt in the dust seals. Check the fork oil for any contamination. If the front end dives while cornering, reduce the rebound damping in 1/4 turn increments. If that doesn't solve the problem, install the optional stiff spring. – If the stiff spring makes the suspension too stiff over the full range of travel: test softer compression damping adjustments in one-click increments until the desired compression damping for initial travel is obtained.
	<p>Middle travel too stiff:</p> <ul style="list-style-type: none"> • Stiff on bumps when cornering. • Front end wanders when cornering. • Stiff suspension on bumps, especially downhill bumps. • While braking, front end dives during initial travel, then feels stiff. 	<p>If initial travel isn't stiff:</p> <ul style="list-style-type: none"> – Test stiffer compression damping adjustments in one-click increments. (This should produce smooth fork action from initial to middle travel.) <p>If initial and middle travel is stiff:</p> <ul style="list-style-type: none"> – Test softer compression damping adjustments in one-click increments. – Reduce the rebound damping in 1/4 turn increments.
	<p>Final travel too stiff:</p> <ul style="list-style-type: none"> • Doesn't bottom on landings, but feels stiff. • Stiff on large bumps, especially downhill bumps. • Stiff on large bumps when cornering. 	<p>If initial and middle travel aren't stiff:</p> <ul style="list-style-type: none"> – Test stiffer compression damping adjustments in one-click increments. (This should produce smooth fork action from initial to middle travel.) <p>If final travel is still stiff after the above adjustment, or if initial and middle travel becomes stiff:</p> <ul style="list-style-type: none"> – Install the optional soft spring. – Test softer compression damping adjustments in one-click increments. <p>If the entire travel feels stiff after the above adjustment:</p> <ul style="list-style-type: none"> – Test softer compression damping adjustments in one-click increments until the desired initial travel compression damping is obtained. – Lower the oil level by 5 cm³ (0.2 US oz, 0.2 Imp oz).
	<p>Entire travel too stiff:</p> <ul style="list-style-type: none"> • Stiff suspension on any type of terrain. 	<ul style="list-style-type: none"> – Test softer compression damping adjustments in one-click increments. – Reduce the rebound damping in 1/4 turn increments. – Lower the oil level by 5 cm³ (0.2 US oz, 0.2 Imp oz).