

Suspension Adjustment Guidelines

	Symptom	Action
Stiff suspension	Initial travel too stiff: <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 one-click increments. – Check for dirt in the dust seals. Check the fork oil for any contamination. <p>If the front end dives while cornering after the above adjustment: Reduce the rebound damping adjustment in one-click increments. If that doesn't solve the problem, install the optional stiff spring.</p> <p>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: <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 adjustment in one-click increments.
	Final travel too stiff: <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 capacity by 0.2 US oz (5 cm³).
	Entire travel too stiff: <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 adjustment in one-click increments. – Lower the oil capacity by 0.2 US oz (5 cm³).

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