

# Suspension General Diagnosis

## Diagnostic Information and Procedures

### Suspension and Wheel Symptom Diagnosis

B705H22104001

Condition	Possible cause	Correction / Reference Item
<b>Wobbly front wheel</b>	Distorted wheel rim.	<i>Replace.</i>
	Worn front wheel bearings.	<i>Replace.</i>
	Defective or incorrect tire.	<i>Replace.</i>
	Loose axle or axle pinch bolt.	<i>Retighten.</i>
	Incorrect front fork oil level.	<i>Adjust.</i>
<b>Front suspension too soft</b>	Weakened springs.	<i>Replace.</i>
	Not enough fork oil.	<i>Replenish.</i>
	Wrong viscous fork oil.	<i>Replace.</i>
<b>Front suspension too stiff</b>	Too viscous fork oil.	<i>Replace.</i>
	Too much fork oil.	<i>Drain excess oil.</i>
	Bent front axle.	<i>Replace.</i>
<b>Noisy front suspension</b>	Not enough fork oil.	<i>Replenish.</i>
	Loose bolts on suspension.	<i>Retighten.</i>
<b>Wobbly rear wheel</b>	Distorted wheel rim.	<i>Replace.</i>
	Worn rear swingarm bearing.	<i>Replace.</i>
	Defective or incorrect tire.	<i>Replace.</i>
	Worn rear suspension bushing.	<i>Replace.</i>
	Loose bolts on rear suspension and rear swingarm.	<i>Retighten.</i>
	Loose rear axle nut.	<i>Retighten.</i>
<b>Rear suspension too soft</b>	Weakened spring of shock absorber.	<i>Replace.</i>
	Leakage of oil from shock absorber.	<i>Replace.</i>
	Improperly set rear spring unit adjuster.	<i>Adjust.</i>
<b>Rear suspension too stiff</b>	Bent shock absorber shaft.	<i>Replace.</i>
	Over tightened cushion lever mounting nut, rear cushion rod nut.	<i>Adjust.</i>
	Worn swingarm and suspension bearings.	<i>Replace.</i>
	Improperly set rear suspension adjuster.	<i>Adjust.</i>
<b>Rear suspension too noisy</b>	Loose nuts or bolts on rear suspension.	<i>Retighten.</i>
	Worn swingarm bearings.	<i>Replace.</i>