

Trouble	Probable cause	Remedy
Engine overheating	<ol style="list-style-type: none"> 1. Heavy carbon deposit on cylinder head 2. Insufficient engine oil 3. Defective oil pump, or clogged oil passage 4. Too lean gas mixture 5. Advanced ignition timing (knocking) 	Decarbonize Supply to normal level Clean Adjust Adjust

Frame

Trouble	Probable cause	Remedy
Hard steering	<ol style="list-style-type: none"> 1. Over-tightened steering stem 2. Damaged steering stem steel balls 3. Bent steering stem 4. Low tire inflation pressure 5. Over-tightened steering cone race 	Adjust Replace Replace Adjust Adjust
Motorcycle pulls to one side	<ol style="list-style-type: none"> 1. Unequal tension of left and right suspension springs 2. Bent front fork 3. Bent front axle, or incorrect alignment of wheel 	Replace Repair or replace Replace or repair
Front wheel wobbles	<ol style="list-style-type: none"> 1. Deformed rim 2. Worn front wheel bearings 3. Loose spoke 4. Defective tire 5. Loose front axle 6. Improper balance 	Replace Replace Retighten Replace Retighten Rebalance
Soft front suspension	<ol style="list-style-type: none"> 1. Loss of spring tension 2. Insufficient damper oil 	Replace Add oil
Hard front suspension	<ol style="list-style-type: none"> 1. High viscosity of damper oil 2. Excessive damper oil 	Change Adjust
Noisy front suspension	<ol style="list-style-type: none"> 1. Interference between shock absorber case and spring 2. Damaged shock absorber stopper rubber 3. Insufficient damper oil 	Replace Replace Adjust
Rear wheel wobbles	<ol style="list-style-type: none"> 1. Distorted rim 2. Worn rear wheel bearings 3. Loose spoke 4. Defective tire 	Replace Replace Retighten Replace
Soft rear suspension	<ol style="list-style-type: none"> 1. Loss of spring tension 2. Improper rear shock absorber adjuster adjustment 	Replace Adjust
Hard rear suspension	Improper rear shock absorber adjuster adjustment	Adjust
Noisy rear suspension	<ol style="list-style-type: none"> 1. Interference between shock absorber case and spring 2. Loose installation 	Replace Retighten
Poor braking	<ol style="list-style-type: none"> 1. Poor contact of brake shoe 2. Brake lining is contaminated with oil or grease 3. Loose brake cable or worn brake pedal shaft 4. Improper brake adjustment 	Replace or repair Replace Repair or adjust Adjust
No adjusting allowance	<ol style="list-style-type: none"> 1. Worn brake shoe 2. Worn brake shoe cam 3. Improperly engaged brake arm serration 4. Worn brake cam 	Replace Replace Replace Replace
Brake squeals when applied	<ol style="list-style-type: none"> 1. Worn brake shoe 2. Foreign matter sticking to brake shoe surface 3. Hardened brake shoe surface 4. Bent or twisted brake shoe 	Replace Clean or replace Replace Replace