

7. SUSPENSIONS

Trouble	Probable cause	Corrective action
1. Soft suspension	1. Loss of spring tension 2. Excessive load	1. Replace
2. Hard suspension	1. Ineffective front cushion damper 2. Ineffective rear cushion damper	
3. Suspension noise	1. Cushion case rubbing 2. Interference between cushion case and spring 3. Damaged cushion stopper rubber 4. Insufficient spring damper oil (front and rear)	1. Inspect cushion spring and case 2. Repair 3. Replace 4. Replace

8. BRAKE SYSTEM

Trouble	Probable cause	Corrective action
1. No range of adjustment	1. Worn brake shoe 2. Worn brake cam slipper 3. Worn brake cam	1. Replace 2. Replace 3. Replace
2. Unusual noise when applied	1. Worn brake shoe 2. Foreign object lodged in brake lining 3. Pitted brake drum surface 4. Worn brake panel bushing	1. Replace 2. Remove foreign object 3. Repair 4. Replace
3. Ineffective braking	1. Inoperative front brake cable 2. Loose brake rod 3. Improper brake shoe contact 4. Dirt or water inside the brake 5. Oil or grease on brake lining	1. Remove foreign object from cable and inspect for bends 2. Inspect and repair 3. Inspect and repair 4. Inspect and repair 5. Inspect and repair

9. DRIVE CHAIN

Trouble	Probable cause	Corrective action
1. Drive chain stretch rapid	1. Excessive load applied to chain (during riding or gear change) 2. Due to oil leak, excessive lubrication	1. Correct riding technique 2. Perform proper lubrication periodically
2. Excessively worn sprocket	1. Driving with worn sprocket 2. Sprocket maladjusted to drive chain	1. Clean sprocket area 2. Replace with proper sprocket

8. SPECIFICATIONS & PERFORMANCES

SPECIFICATIONS

	C50	C50M	C65, C65M	S65	S50
Name of Motorcycle	Honda 50	Honda 50	Honda 65	Honda 65	Honda 50
Model type	C50	C50M	C65 (C65M)	S65	S50
Type of vehicle	Motorcycle	Motorcycle	Motorcycle	Motorcycle	Motorcycle
Classification	Light motorcycle	Light motorcycle	Light motorcycle	Light motorcycle	Light motorcycle
Riders	1	1	2	2	1
Manufacturer	Honda Motor Co., Ltd., Suzuka Factory	Same as left	Same as left	Same as left	Same as left
Address	Hirata-cho, Suzuka City, Mie Prefecture, Japan	Same as left	Same as left	Same as left	Same as left
Frame Type	C50	C50	C65	S65	S50
Manufacturer	Honda Motor Co., Ltd., Suzuka Factory	Same as left	Same as left	Same as left	Same as left
Dimension, mm					
Overall length	1795 (70.67 in.)	1795 (70.67 in.)	1795 (70.67 in.)	1756 (69.13 in.)	1764 (69.45 in.)
Overall width	640 (25.19 in.)	640 (25.19 in.)	640 (25.19 in.)	610 (24.02 in.)	615 (24.21 in.)
Overall height	975 (38.4 in.)	975 (38.4 in.)	975 (38.4 in.)	910 (35.83 in.)	913 (35.95 in.)
Wheelbase	1185 (46.65 in.)	1185 (46.65 in.)	1185 (46.65 in.)	1150 (45.28 in.)	1150 (45.28 in.)
Min. ground clearance	130 (5.12 in.)	130 (5.12 in.)	130 (5.12 in.)	125 (4.92 in.)	125 (4.92 in.)
Weight, kg					
Weight, empty	69 (152 lb)	75.5 (166.6 lb)	73 (80) (161,174 lb)	77.5 (170 lb)	76.5 (168 lb)
Empty weight distribution, front	30 (66.2 lb)	33 (72.8 lb)	31.5 (33.5) (69.3, 73.6 lb)	34.0 (75 lb)	33.5 (73.5 lb)
Empty weight distribution, rear	39 (86.1 lb)	42.5 (93.8 lb)	41.5 (45.5) (91.3, 100 lb)	43.5 (95.5 lb)	43 (94.5 lb)
Full load weight distribution, front	50.5 (111.5 lb)	54 (119.1 lb)	55.5 (55.8) (122, 123 lb)	55 (121 lb)	53.5 (118 lb)
Full load weight distribution, rear	73.5 (162.2 lb)	76.5 (169 lb)	127.5 (135) (280, 297 lb)	132.5 (291 lb)	78 (172 lb)
Performance					
Max. speed	75 km/h (47 mile/h)	75 km/h (47 mph)	85 km/h (53 mph)	90 km/h (56 mph)	85 km/h (53 mph)
Acceleration from dead start: 0-200m					
Acceleration from dead start: 0-400m					
Stopping distance	Max. 5m (16.5ft) from 20 km/h (13.9 mph)	Same as left	Max. 7m (23 ft) from 35 km/h (21.8 mph)	Same as left	Max. 5m (16.4 ft) from 20 km/h (12.4 mph)
Fuel consumption: (km/ℓ mi/U.S. Gal.)	90 km/ℓ (228 mi/U.S. gal) (254 mi/imp gal) (25.4 km/h (15.6 mph) @25 km/h (15.5 mph))	Same as left	85 km/ℓ (215 mi/U.S. gal) (240 mi/imp gal) (25.4 km/h (15.5 mph) @30 km/h (18.7 mph))	Same as left	90 km/ℓ (210 mi/U.S. gal) (252 mi/imp gal) (25.2 km/h (15.5 mph) @25 km/h (15.5 mph))
Climbing ability: grade	14°	14°	17°30'	17°30'	14°
Noise output during driving: phon			35 kph (21.8 mph) / 67 phon, A grade	35 kph (21.8 mph) / 68 phon, A grade	35 kph (21.8 mph) / 70 phon, max. A grade

Note: [] is for C65M.