

INSPECTIONS AND ADJUSTMENTS

Inspections

After all packed parts are installed, check to see that all these parts and other parts (mounted or installed at the Yamaha factory) are correctly mounted or installed, or tightened to specification. This check-up should be started with the front of the machine.

Item	
Front wheel spokes	..... Tension
Front wheel rim	..... Hopping, deflection
Front wheel tire	..... Tire pressure
Front wheel axle nut	..... Cotter pin, tightening torque
Front wheel axle holder locknuts	..... Tightening torque
Disc brake caliper assembly lock bolts	..... Tightening torque
Front fork pinch bolts	..... Tightening torque
Steering head locknut	..... Tightening torque
Handlebar holders	..... Tightening torque
Clutch lever holder	..... Tightening torque
Brake lever holder	..... Tightening torque
Front flasher lights	..... Mounting, wiring
Disk brake master cylinder	..... Mounting, brake fluid level, operation
Throttle housing	..... Position, operation, tightness
Engine mounting bolt	..... Tightening torque
Carburetor joint(s)	..... Tightness
Footrests	..... Position, tightening torque
Change pedal	..... Position, looseness, operation
Brake pedal	..... Position, looseness, operation
Seat	..... Mounting, clevis pin, clips
Fuel tank	..... Mounting
Fuel pipe	..... Connection
Battery	..... Mounting, fluid level, wiring
Rear fender	..... Mounting
Taillight	..... Mounting, wiring
Rear flasher lights	..... Mounting, wiring
Rear shock absorber	..... Mounting, tightening torque
Rear swing arm pivot shaft	..... Tightening torque
Rear axle nut	..... Cotter pin, tightening torque
Chain puller	..... Locknut
Rear wheel	..... Spoke tension
Rear wheel rim	..... Hopping, deflection
Rear wheel tire	..... Tire pressure
Engine/Transmission oil	..... Oil level

Adjustments

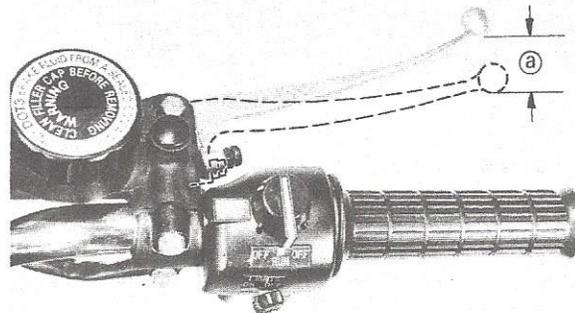
NOTE:

This section deals with the main points only.
For details, refer to the service manual for
this model.

Front brake adjustment

The front brake can be adjusted by simply adjusting the distance that the brake lever can travel since the piston in the wheel cylinder moves forward as the brake pad wears out, automatically adjusting the clearance between the brake pad and the brake disc.

1. Loosen the adjust screw locknut at the brake lever.
2. Turn the screw so that the brake lever trip moves 0.5 ~ 1.0 in (13 ~ 25 mm).
3. After adjusting, tighten the locknut.

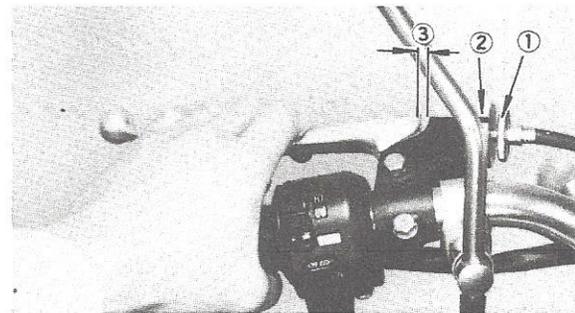


a: 0.5 ~ 1.0 in (13 ~ 25 mm)

Clutch wire adjustment

Loosen the clutch wire adjuster locknut at the clutch lever, and adjust the clutch wire by turning the wire adjuster.

Turning the adjuster clockwise (the adjuster is tightened) increases clutch wire play, while turning counterclockwise decreases the play. The play should be 1/16 ~ 1/8 in (2 ~ 3 mm) at the position shown in the figure.



1. Adjusting bolt
2. Locknut
3. 1/16 ~ 1/8 in (2 ~ 3 mm)

Rear brake pedal adjustment

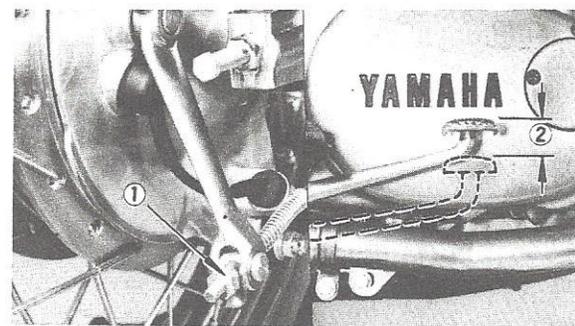
Rear brake pedal play can be adjusted by turning the adjusting nut on the rear end of the brake rod.

Turning clockwise (tightening) decreases play.

Turning counterclockwise (loosening) increases play.

Standard value:

0.8 ~ 1.1 in (20 ~ 30 mm) at the brake pedal



1. Adjust nut
2. 0.8 ~ 1.1 in (20 ~ 30 mm)

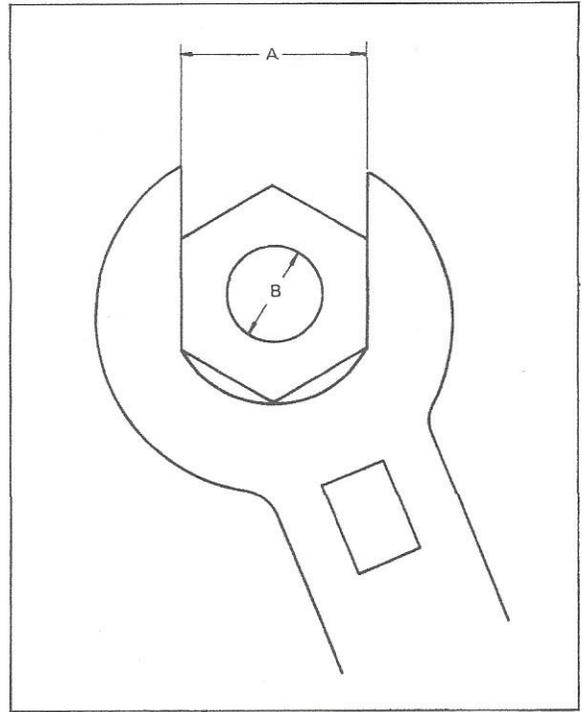
Torque specification

The following torque specifications must be adhered to on every machine. Tightening torque, on multi-secured components, several studs should be in gradual stages and in a pattern that will avoid warpage to the item being secured.

Torque settings are for dry, clean threads. Torquing should always be done to the nut, never the bolt head.

NOTE:

Certain items with other than standard thread pitches may require differing torque. Consult the model Service Manual or distributor if a question arises.



A (NUT)	B (BOLT)	TORQUE SPECIFICATIONS		
		m-kg	ft-lb	in-lb
10 mm	6 mm	1.0	7.2	85
12 mm	8 mm	2.0	15	175
14 mm	10 mm	3.5 ~ 4.0	25 ~ 29	300 ~ 350
17 mm	12 mm	4.0 ~ 4.5	29 ~ 33	350 ~ 400
19 mm	14 mm	4.5 ~ 5.0	33 ~ 36	400 ~ 440
22 mm	16 mm	5.6 ~ 6.5	41 ~ 49	480 ~ 570
24 mm	18 mm	5.8 ~ 7.0	42 ~ 50	504 ~ 600
27 mm	20 mm	7.0 ~ 8.3	50 ~ 60	600 ~ 700