

E. Muffler Cleaning

The function of the muffler is to muffle the noise of the exhaust gases as it is emitted from the combustion chamber. In the process, the carbon particles in the gas accumulates on the muffler and the diffuser pipe. Excess accumulation of the carbon will restrict the flow of the exhaust gas, creating back pressure which effects the engine performance by lowering the power output.

1. Cleaning

- a. Remove the diffuser pipe locking bolt ① and pull out the diffuser pipe ② (Fig. 5.33) (diffuser pipe not removable on USA export)
- b. Tap the pipe lightly to remove the carbon and then wash in solvent or gasoline.

The clogging of the diffuser pipe will cause a drop in the engine power output.

A loose connection at the gasket joint will produce undesirable noise from leaking exhaust gas.

F. Spoke Torquing

Riding with loose spoke will place on ununiform loading on the rim as well as on the remaining spokes, therefore, the spokes should be inspected frequently and retorqued when they become loose.

Raise the wheel off the ground and check each spoke for tightness, any spoke which are noticeably loose should be torqued to the same value as the remaining spokes. Use the spoke nipple tool and torquing wrench.

(Specified torque)

Front wheel: 4~21 kg·cm (0.3~1.5 ft·lb)

Rear wheel: 8~25 kg·cm (0.5~1.8 ft·lb)

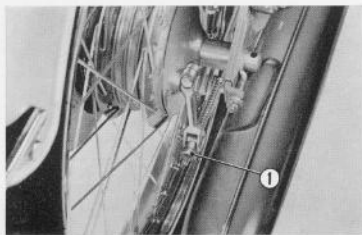


Fig. 5.32 Adjusting rear brake
① Adjusting nut

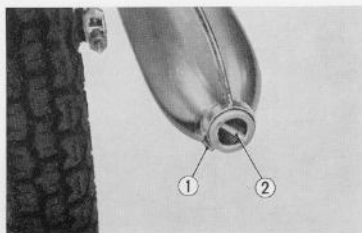


Fig. 5.33 Removing diffuser pipe
① Locking bolt
② Diffuser pipe

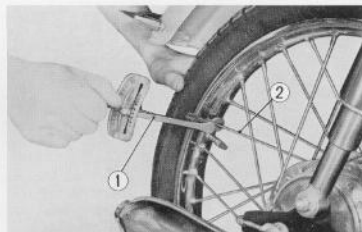


Fig. 5.34 Retorquing spokes
① Spoke nipple tool
② Spoke