

A rise in temperature will cause a decrease in specific gravity and visa versa. (Fig. 5.38)

CAUTION:

- (1) Do not add any sulfuric acid to the distilled water when replenishing.
- (2) When the drop in electrolyte level is rapid, check the discharge rate of the battery.
- (3) Exercise care not to pinch the battery cable when making the battery installation.
- (4) Also, make sure that the vent tube is not pinched.
- (5) When the temperature drops, the capacity of the battery will lowers and cause hard starting. In such a case, store the motorcycle in a warm place.

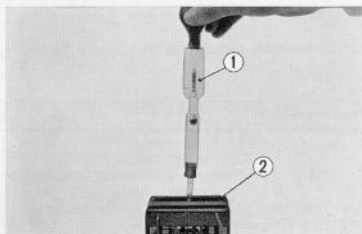


Fig. 5.38 Measuring specific gravity
① Hydrometer
② Battery

H. Drive Chain Service

Drive chain which is kept clean and lubricated properly will provide longer service.

In addition, with a drive chain properly serviced the power transmission efficiency will increase by 10% or more. Therefore, service the drive chain for better driving.

Servicing procedure

1. Remove the drive chain and wash in cleaning oil (light oil). Use a brush to clean between links.
2. Drain oil thoroughly for at least 10 minutes.
3. Dissolve a cake of grease, which will not decompose by heating, heat to 50~120°C (122~248°F), and immerse the drive chain in the dissolved grease.

When adequate grease is not available, use mobile oil SAE 30~50, heated to 50°C (122°F).

Mobil oil mixed with petrolatum (1lit : 300g) will serve better for the purpose. Immersion time shall be approx. 10 min.

4. After the immersion, hang the drive chain to cool to normal temperature, then wipe the chain.
5. Install the drive chain on the motorcycle, perform trial rotation for a couple of minute and wipe off any spattered oil.

NOTE:

Some of greases which are called "Cup Grease" in shops may decompose by heating.

It is recommended that the drive chain be inspected every 1,500 km (1,000 mile).