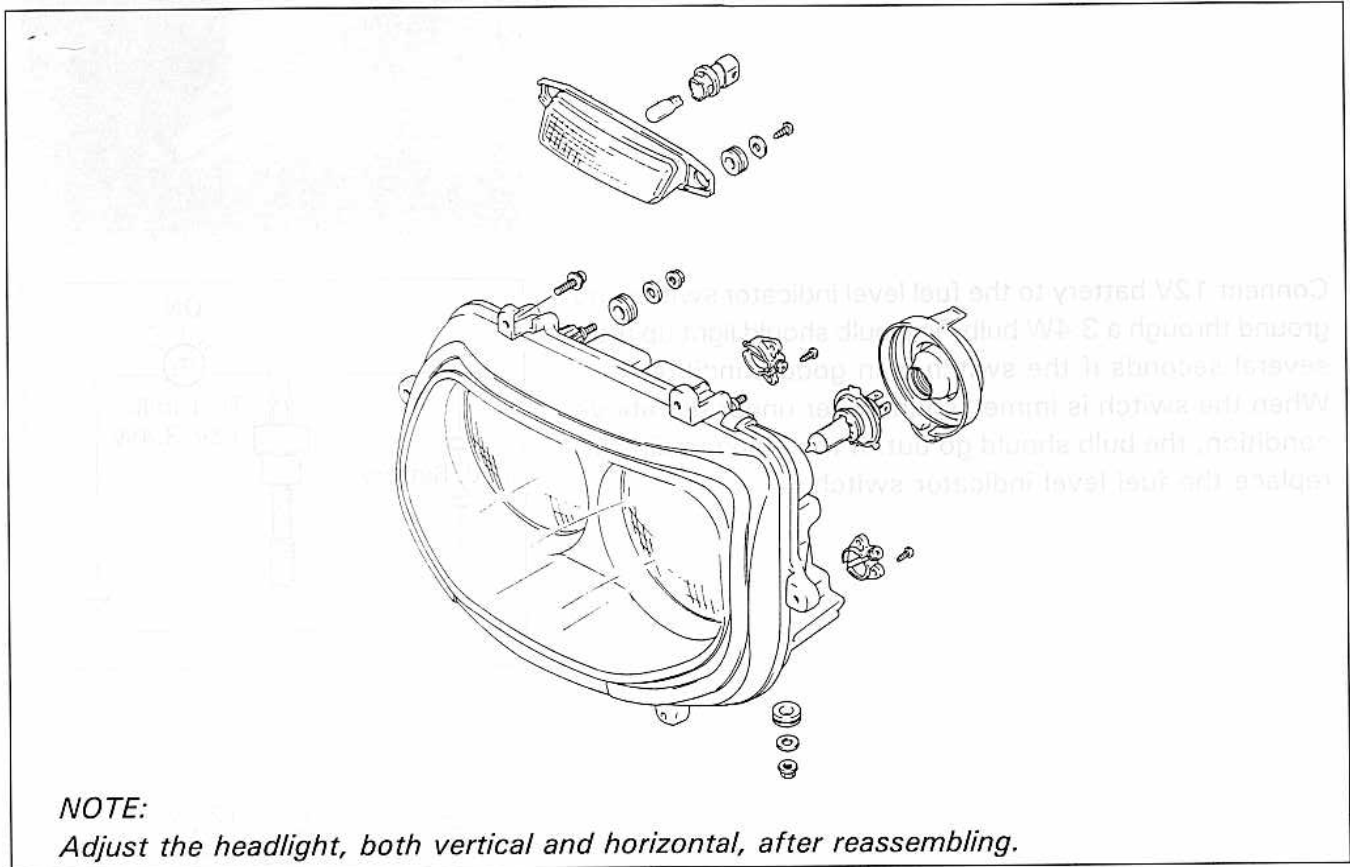
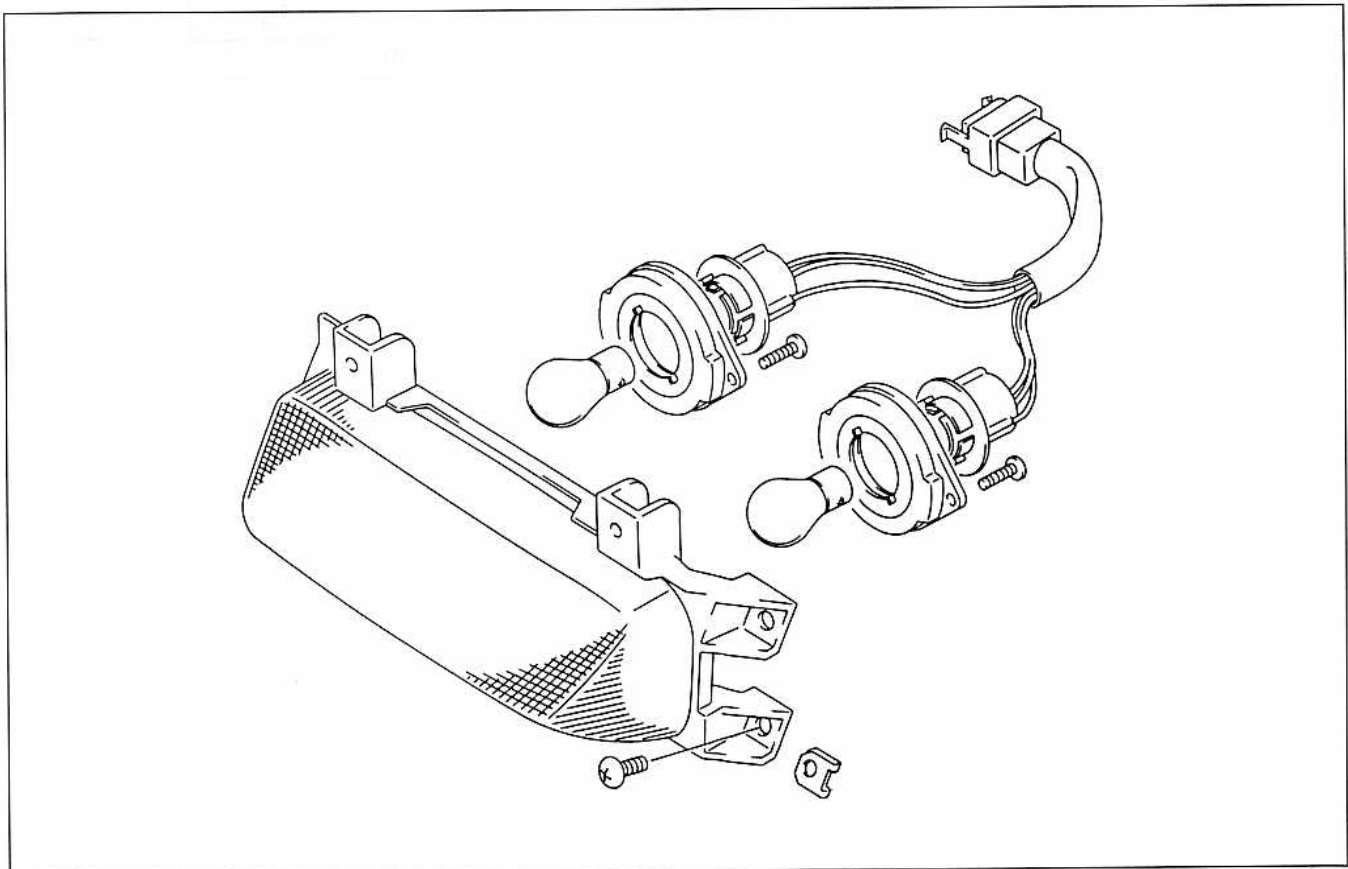


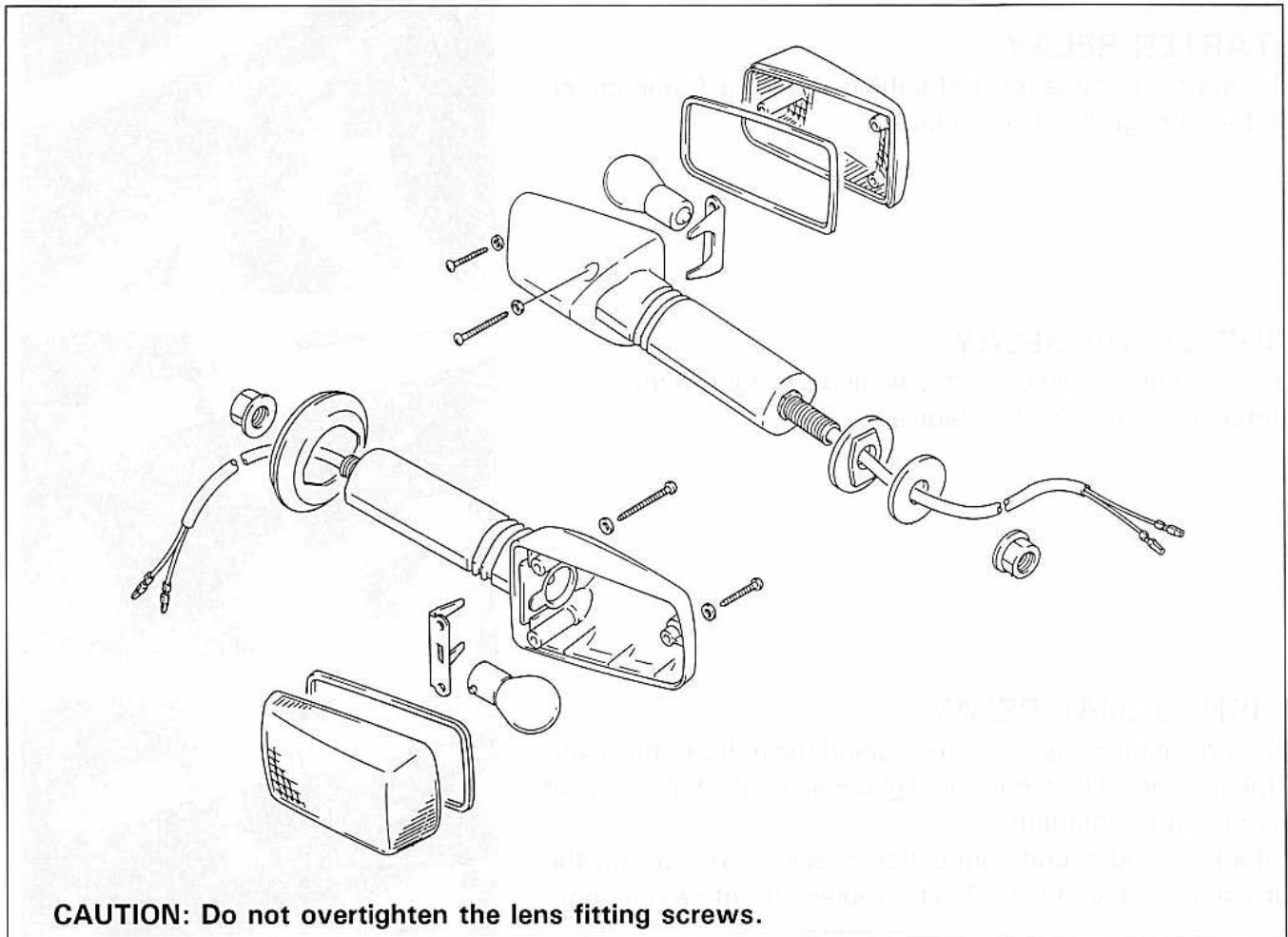
LAMPS HEADLIGHT



TAIL/BRAKE LIGHT



TURN SIGNAL LIGHT



SWITCHES

Inspect each switch for continuity with the pocket tester referring to the WIRING DIAGRAM. If any abnormality is found, replace the respective switch assemblies with new ones. (Refer to the chapter 8 for wiring diagram.)

09900-25002: Pocket tester

Tester knob indication: X 1Ω range

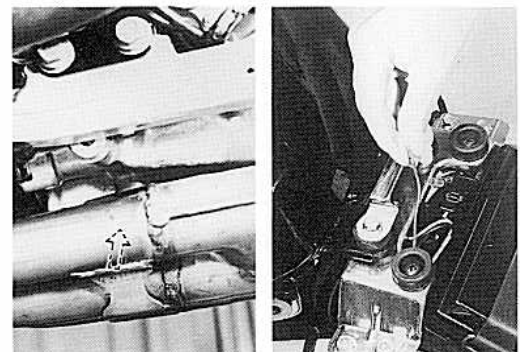
OIL PRESSURE SWITCH

- Continuity, when engine is stopped.
- No continuity, when engine is running.

	Black	Ground
ON	○ — ○	○ — ○
OFF		

NOTE:

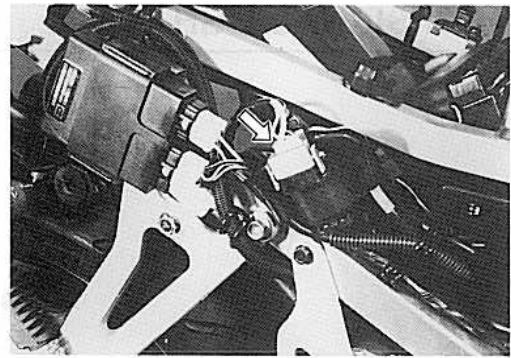
Before inspecting the oil pressure switch, check if the engine oil level is enough.



RELAY

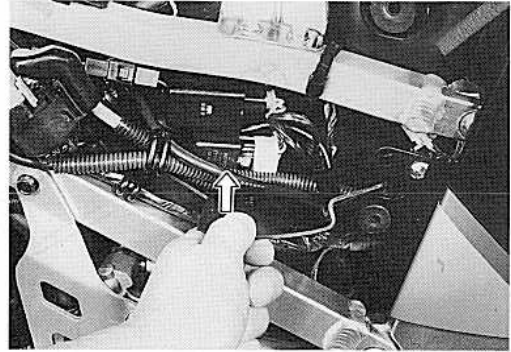
STARTER RELAY

The starter relay is located behind the right frame cover. (Refer to page 6-18 for details.)



SIDE-STAND RELAY

The side-stand relay is located behind the right frame cover. (Refer to page 6-21 for details.)



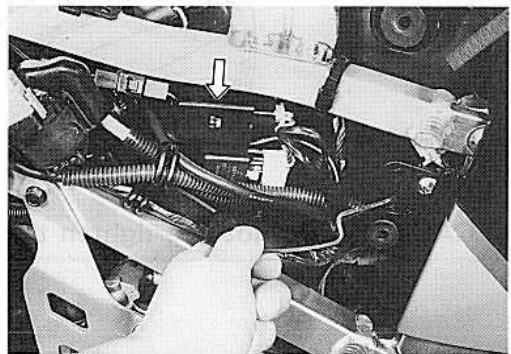
TURN SIGNAL RELAY

The turn signal relay is located behind the right frame cover. If the turn signal light does not light. Inspect the bulb or repair the circuit connection.

If the bulb and circuit connection checked are correct, the turn signal relay may be faulty, replace it with a new one.

NOTE:

Be sure that the battery used is in fully-charged condition.



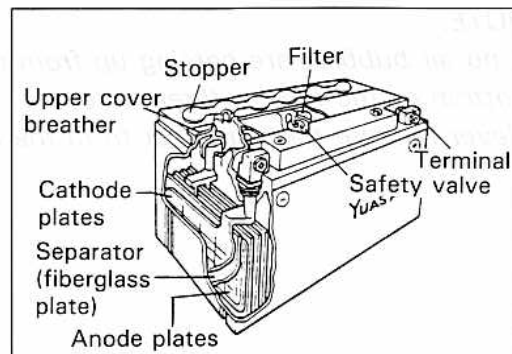
Relay	Function
Starter	Starts the engine
Side Stand	Locks the side stand
Turn Signal	Controls the turn signal lights

OIL PRESSURE SWITCH
• Continuity when engine is stopped.
• No continuity when engine is running.

BATTERY

SPECIFICATIONS

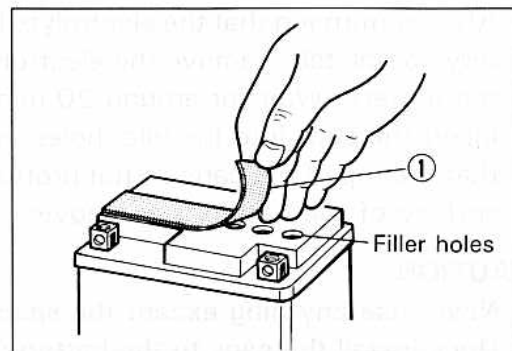
Type designation	YTX12-BS
Capacity	12V, 36 kC (10 Ah)/10HR
Standard electrolyte S.G.	1.320 at 20°C (68°F)



INITIAL CHARGING

Filling electrolyte

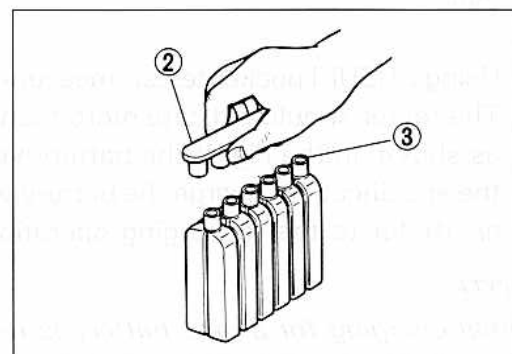
- Remove the aluminum tape ① sealing the battery electrolyte filler holes.



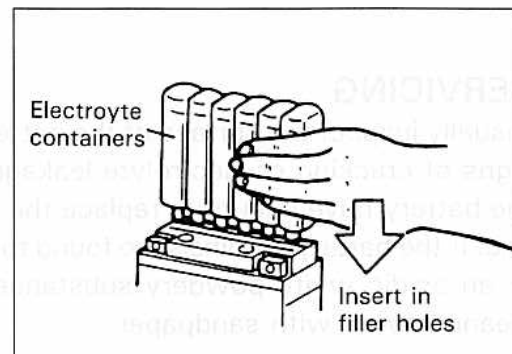
- Remove the caps ②.

NOTE:

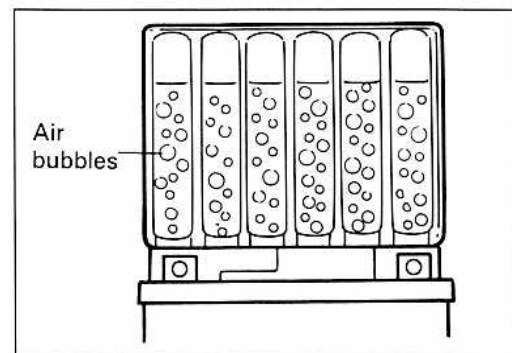
- * After filling the electrolyte completely, use the removed cap ② as the sealed caps of battery-filler holes.
- * Do not remove or pierce the sealed areas ③ of the electrolyte container.



- Insert the nozzles of the electrolyte container into the battery's electrolyte filler holes, holding the container firmly so that it does not fall. Take precaution not to allow any of the fluid to spill.

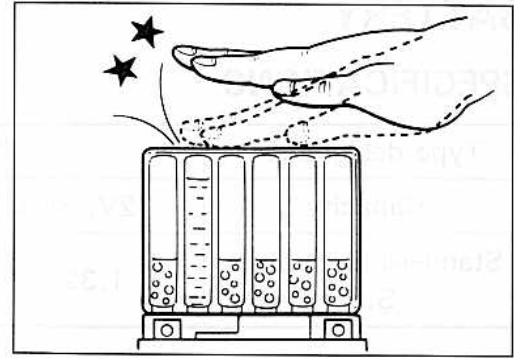


- Make sure air bubbles are coming up each electrolyte container, and leave in this position for about more than 20 minutes.

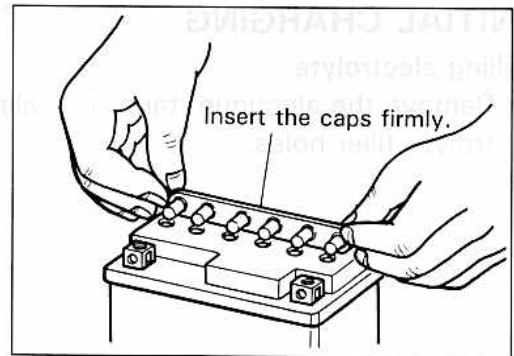


NOTE:

If no air bubbles are coming up from a filler port, tap the bottom of the two or three times.
 Never remove the container from the battery.



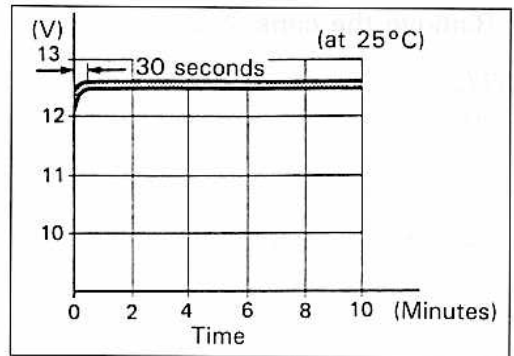
- After confirming that the electrolyte has entered the battery completely, remove the electrolyte containers from the battery. Wait for around 20 minutes.
- Insert the caps into the filler holes, pressing in firmly so that the top of the caps do not protrude above the upper surface of the battery's top cover.



CAUTION:

- * Never use anything except the specified battery.
- * Once install the caps to the battery; do not remove the caps.

- Using SUZUKI pocket tester, measure the battery voltage. The tester should indicate more than 12.5–12.6V (DC) as shown in the Fig. If the battery voltage is lower than the specification, charge the battery with a battery charger. (Refer to the recharging operation.)



NOTE:

Initial charging for a new battery is recommended if two years have elapsed since the date of manufacture.

SERVICING

Visually inspect the surface of the battery container. If any signs of cracking or electrolyte leakage from the sides of the battery have occurred, replace the battery with a new one. If the battery terminals are found to be coated with rust or an acidic white powdery substance, then this can be cleaned away with sandpaper.

