



Service Bulletin

MOTORCYCLE DIVISION

4-STROKE
BULLETIN VS/VX/VZ/VL NO. 50
DATE: 3/8/2007

SUBJECT: **ADDITIONAL SERVICE MANUAL INFORMATION -
CLUTCH CABLE PLAY ADJUSTMENT PROCEDURE MODIFICATION**

MODEL: **VZR1800**

REFERENCE: **VZR1800 SERVICE MANUAL (P/N 99500-39291-03E)**

SUBJECT:

This bulletin is to inform you of a modification to the clutch cable play adjustment procedure. Due to the high engine torque and heavy vehicle weight of the VZR1800, correct clutch cable play adjustment is important to prevent clutch slippage, particularly under heavy load. Inspect and adjust the clutch cable play during pre-delivery inspection and periodic maintenance using the following procedure. Insert a copy of each of the attached pages in your dealership's VZR1800 Service Manual at the appropriate page.

AFFECTED DEPARTMENTS:

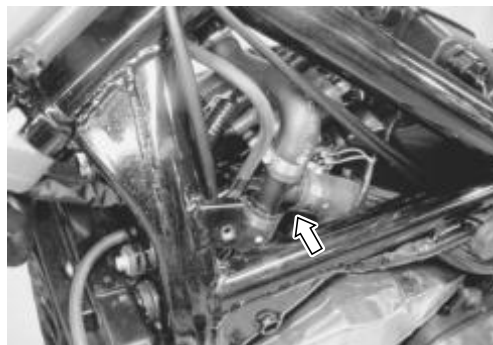
The following departments in your dealership should be notified of this information:

☒ Management ☒ Service ☐ Warranty ☐ Sales ☒ Parts ☐ Accessories

American Suzuki Motor Corporation
Technical Service Department
Motorcycle / ATV / Scooter

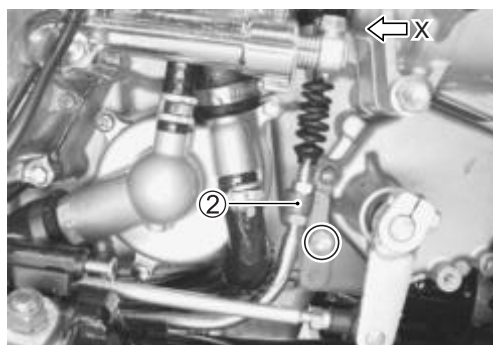
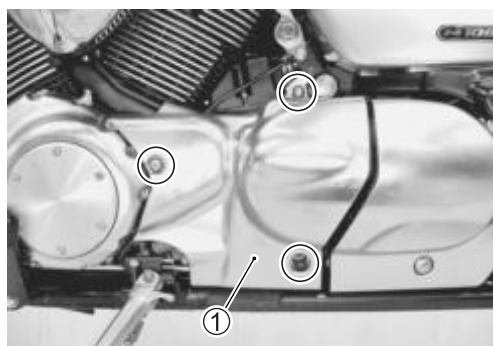
RADIATOR HOSES

- Remove the fuel tank. (☞ 6-3)
- Remove the frame head covers, radiator covers and radiator bottom cover. (☞ 9-6)
- Check to see the radiator hoses for crack, damage or engine coolant leakage.
- If any defects are found, replace the radiator hoses with new ones.

**CLUTCH CABLE PLAY**

Inspect every 6 000 km (4 000 miles, 12 months).

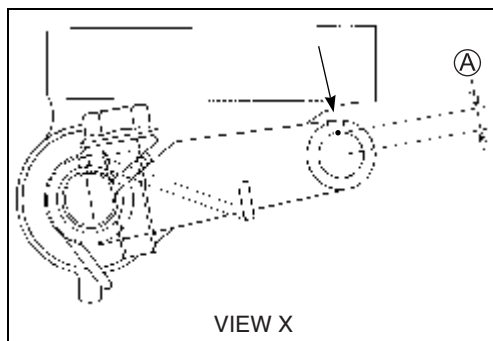
- Remove the secondary gear case cover ①.
- Remove the clutch cable holder ② with the clutch cable.



- Inspect the clutch release arm play (A).

DATA Clutch release arm play (A): **STD: 8.0 mm (0.31 in)**
LIMIT: 4.0 mm (0.16 in)

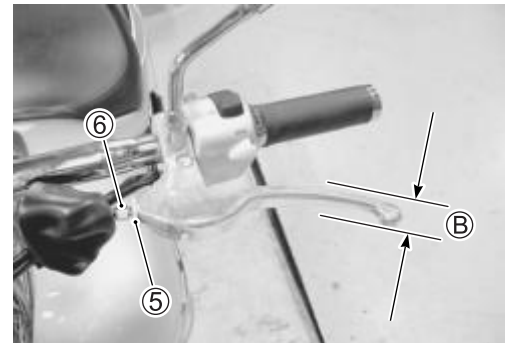
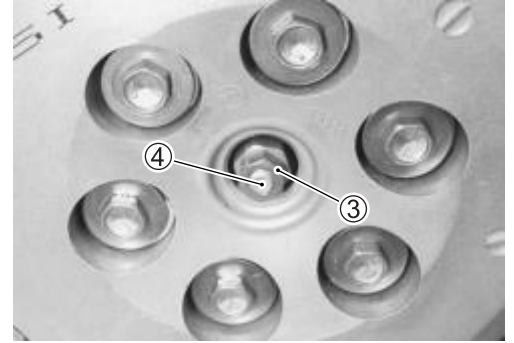
- If the clutch release arm play (A) less than the specification, adjust the clutch release screw as follows.
 - * Drain engine oil.
 - * Remove the muffler.
 - * Remove the clutch cover.



- * Loosen the lock nut ③ and turn in the release screw ④ to feel resistance.
- * From that position, turn out the release screw ④ 1 turn and tighten the lock nut ③ securely by holding the release screw ④.

DATA Clutch release screw: 1 turn back

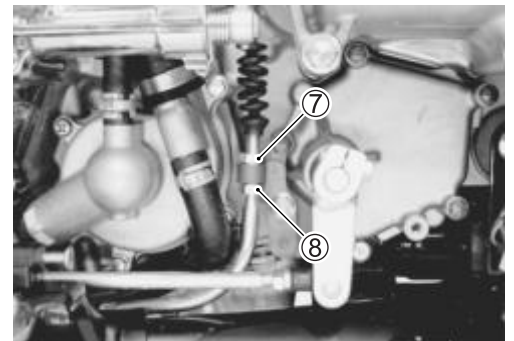
- * Install the clutch cover and muffler.
- * Pour engine oil.
- * Install the clutch cable holder ②.
- Loosen the lock nut ⑤.
- Turn in the adjuster ⑥ all the way into the clutch lever assembly.



- Loosen the lock nut ⑦, and turn the cable adjuster ⑧ to obtain 10 – 15 mm (0.4 – 0.6 in) of free play B at the clutch lever end.
- Tighten the lock nuts ⑤ and ⑦.

DATA Clutch lever play B: 10 – 15 mm (0.4 – 0.6 in)

- Install the secondary gear case cover ①.



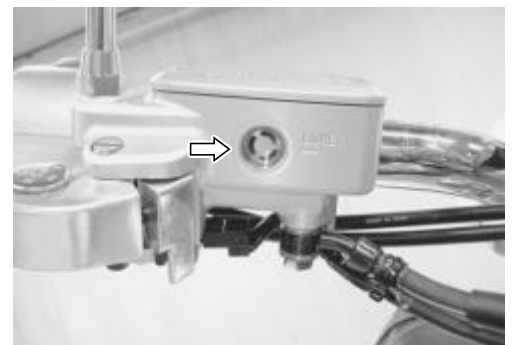
BRAKE

(BRAKE)

Inspect initially at 1 000 km (600 miles, 2 months) and every 6 000 km (4 000 miles, 12 months) thereafter.

(BRAKE HOSE AND BRAKE FLUID)

Inspect every 6 000 km (4 000 miles, 12 months). Replace hoses every 4 years. Replace fluid every 2 years.



BRAKE FLUID LEVEL CHECK

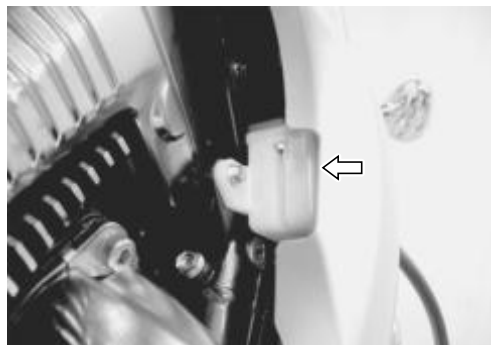
- Keep the motorcycle upright and place the handlebars straight.
- Check the brake fluid level relative to the lower limit lines on the front and rear brake fluid reservoirs.
- When the level is below the lower limit line, replenish with brake fluid that meets the following specification.



Specification and classification: DOT 4

⚠ WARNING

- * The brake system of this motorcycle is filled with a glycol-based brake fluid. Do not use or mix different types of fluid such as silicone-based and petroleum-based fluids. Do not use any brake fluid taken from old, used or unsealed containers. Never re-use brake fluid left over from the last servicing or stored for a long period of time.
- * Brake fluid, if it leaks, will interfere with safe running and immediately discolor painted surfaces. Check the brake hoses and hose joints for cracks and fluid leakage before riding.

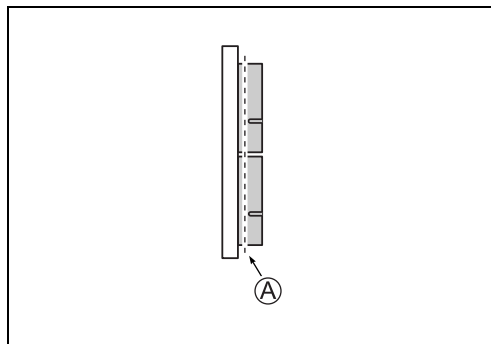
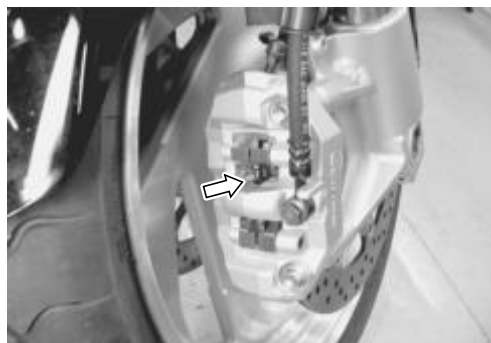
**BRAKE PADS****Front brake**

The extent of brake pad wear can be checked by observing the grooved limit line (A) on the pad. When the wear exceeds the grooved limit line, replace the pads with the new ones.

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
CAUTION

Replace the brake pads as a set, otherwise braking performance will be adversely affected.



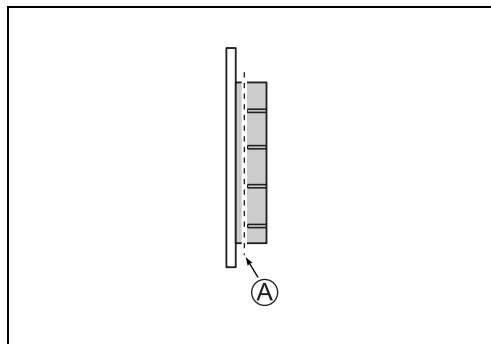
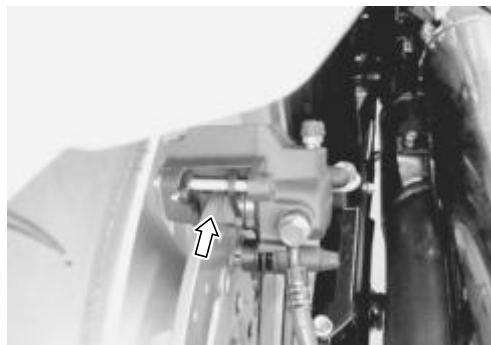
Rear brake

The extent of brake pad wear can be checked by observing the grooved limit line (A) on the pad. When the wear exceeds the grooved limit line, replace the pads with the new ones.

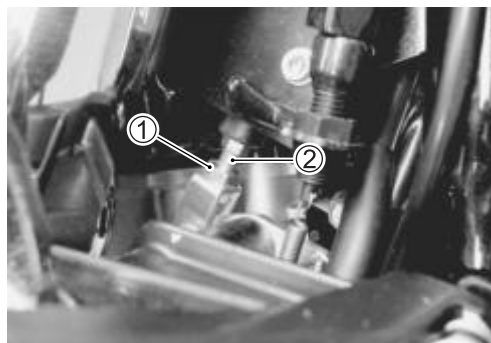
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CAUTION


Replace the brake pads as a set, otherwise braking performance will be adversely affected.

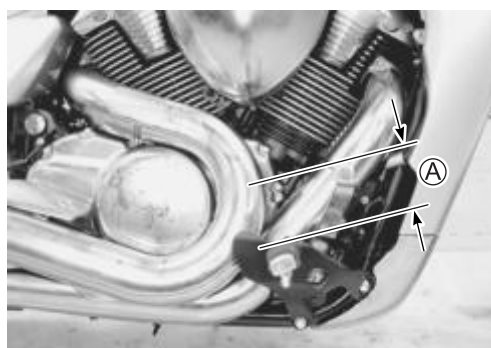
**BRAKE PEDAL HEIGHT**

- Loosen the lock nut (1).
- Turn the push rod (2) until the brake pedal height becomes 25 – 35 mm (1.0 – 1.4 in) (A) below the top of the footrest.
- Tighten the lock nut (1) securely.



 **Rear brake master cylinder rod lock nut:**
18 N·m (1.8 kgf·m, 13.0 lb·ft)

DATA  **Brake pedal height (A):**
Standard: 25 – 35 mm (1.0 – 1.4 in)

**BRAKE LIGHT SWITCH**

- Adjust the rear brake light switch so that the brake light will come on just before pressure is felt when the brake pedal is depressed.

