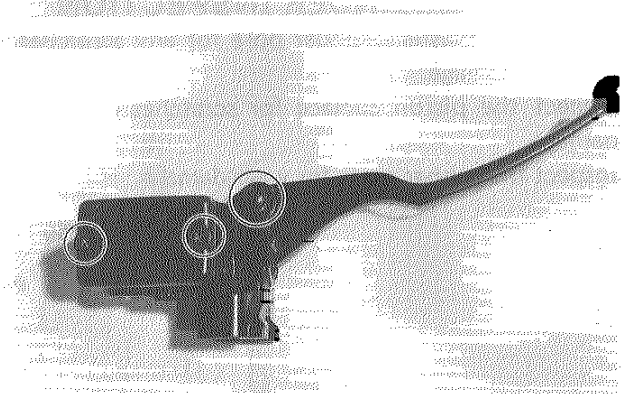
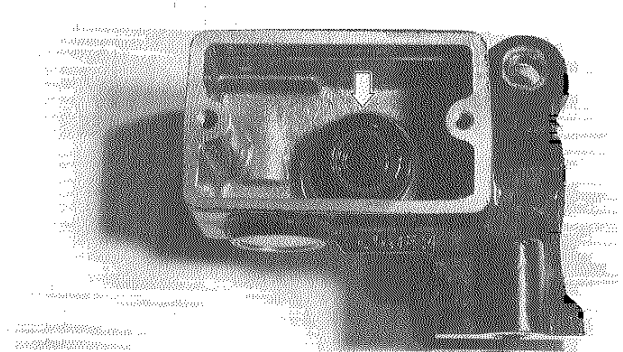


- Remove the brake lever by removing the bolt.
- Remove the reservoir cap and diaphragm by removing the two screws.
- Drain brake fluid.



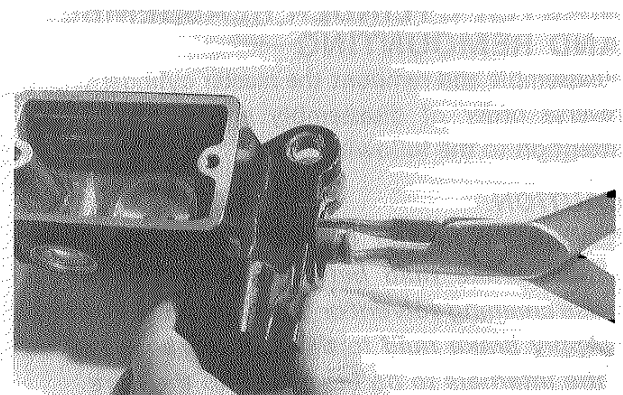
- Remove the brake fluid separator/plate.



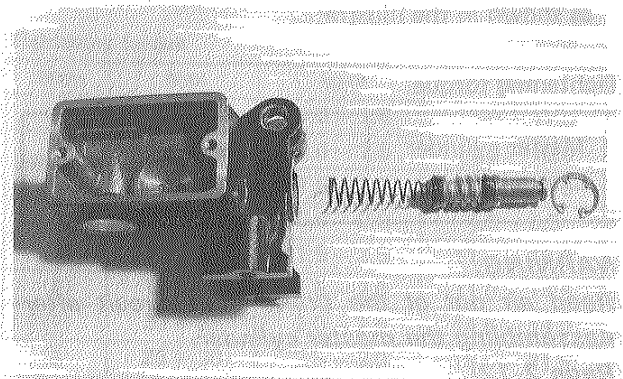
- Remove the dust seal boot.
- Remove the circlip with the snap ring pliers.

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Snap ring pliers



- Remove the spring/piston/primary cup/secondary cup out of the master cylinder.

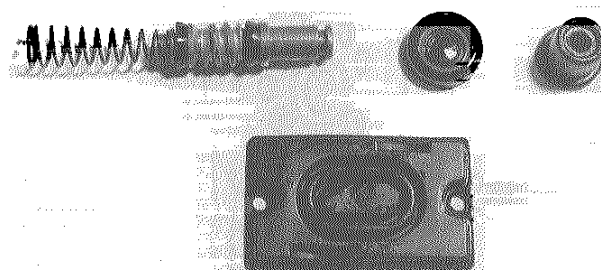
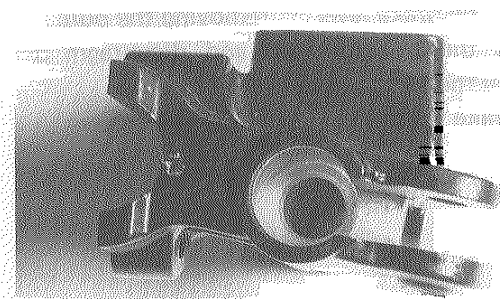


MASTER CYLINDER INSPECTION

Inspect the master cylinder bore for any scratches or other damage.

Inspect the piston surface for scratches or other damage.

Inspect the rubber parts for wear damage.



MASTER CYLINDER REASSEMBLY AND REMOUNTING

Reassemble and remount the master cylinder in the reverse order of disassembly and removal. Pay attention to the following points:

CAUTION:

- * Wash the master cylinder components with fresh brake fluid before reassembly. Never use cleaning solvent or gasoline to wash them.
- * Apply brake fluid to the cylinder bore and all the internals to be inserted into the bore.
- Remount the master cylinder on the handlebar as shown in the illustration.

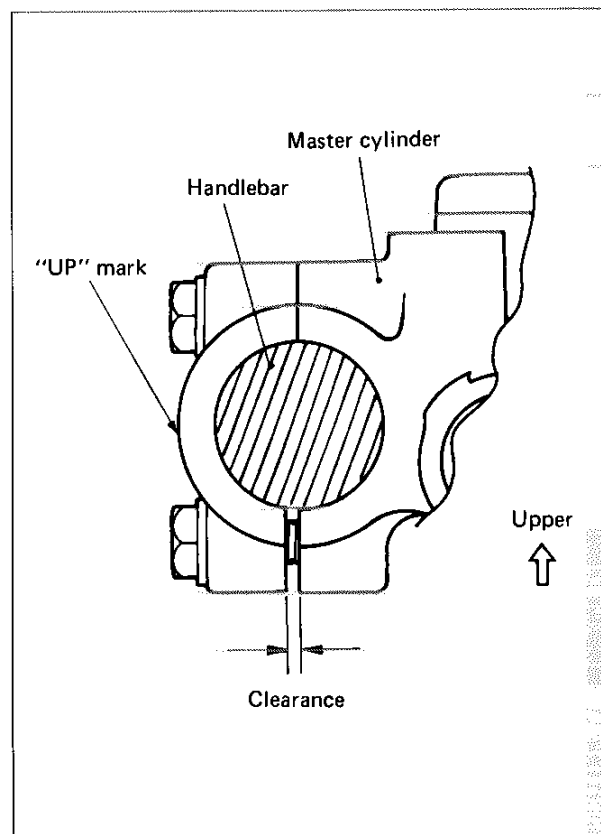
Tightening torque

Master cylinder clamp bolt	5 – 8 N·m (0.5 – 0.8 kg·m) (3.5 – 6.0 lb-ft)
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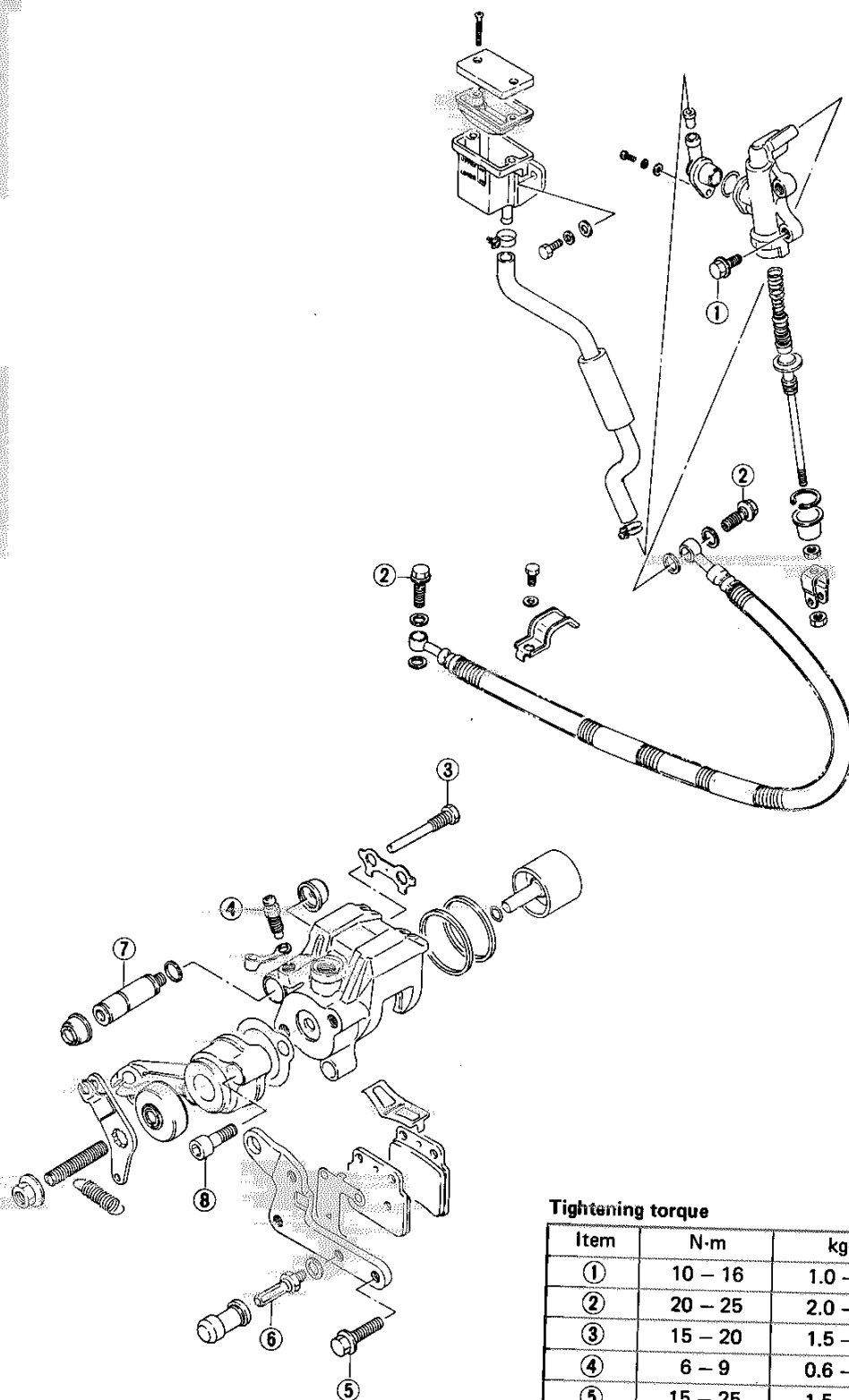
WARNING:

Bleed air out of the brake fluid circuit after reassembling the master cylinder.

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REAR BRAKE



Tightening torque

Item	N·m	kg·m	lb·ft
①	10 - 16	1.0 - 1.6	7.0 - 11.5
②	20 - 25	2.0 - 2.5	14.5 - 18.0
③	15 - 20	1.5 - 2.0	11.0 - 14.5
④	6 - 9	0.6 - 0.9	4.5 - 6.5
⑤	15 - 25	1.5 - 2.5	11.0 - 18.0
⑥	15 - 20	1.5 - 2.0	11.0 - 14.5
⑦	20 - 25	2.0 - 2.5	14.5 - 18.0
⑧	25 - 30	2.5 - 3.0	18.0 - 21.5

BRAKE PAD REPLACEMENT

- Lift the caliper assembly by removing the caliper mounting bolts ①.

Tightening torque

Caliper mounting bolt ①	15 – 25 N·m (1.5 – 2.5 kg·m) 11.0 – 18.0 lb-ft
Brake pad mounting bolt ②	15 – 20 N·m (1.5 – 2.0 kg·m) 11.0 – 14.5 lb-ft

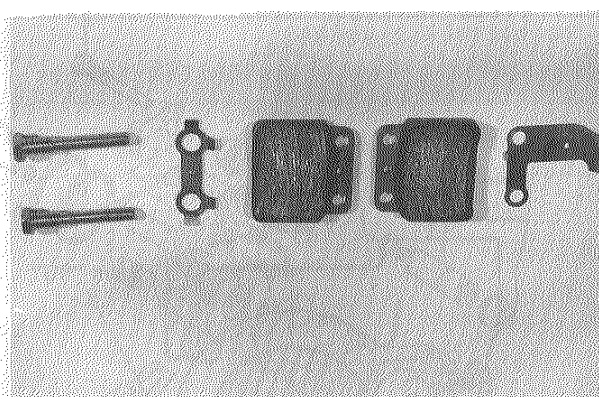
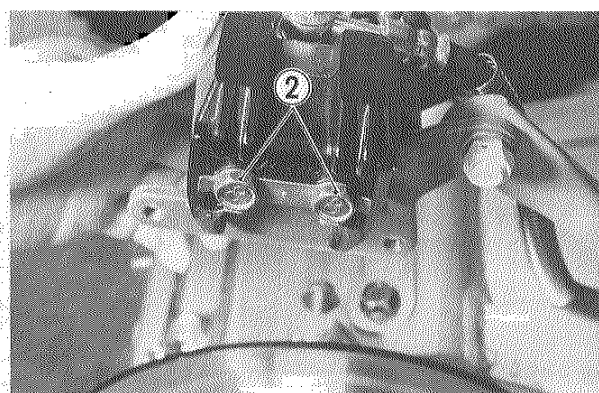
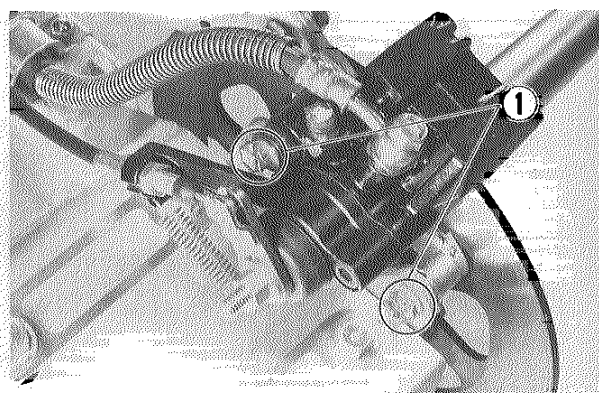
- Flatten the lock portion of the lock washer and remove the brake pad mounting bolts ②, then remove the brake pads with pad shim out of the caliper.

CAUTION:

- * *Do not operate the brake pedal while dismounting the pads.*
- * *Replace the brake pad as a set, otherwise braking-performance will be adversely affected.*

NOTE:

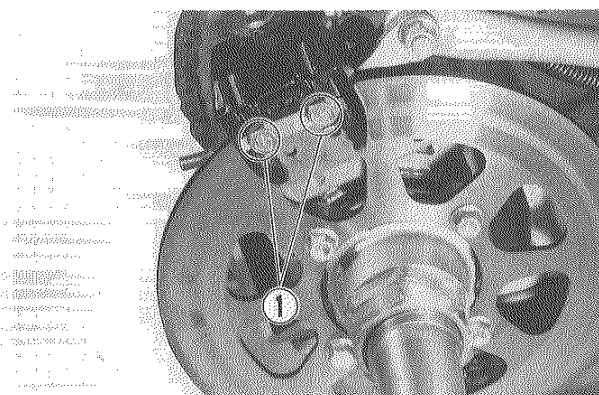
Push in the piston all the way into the caliper when remounting the brake pads.



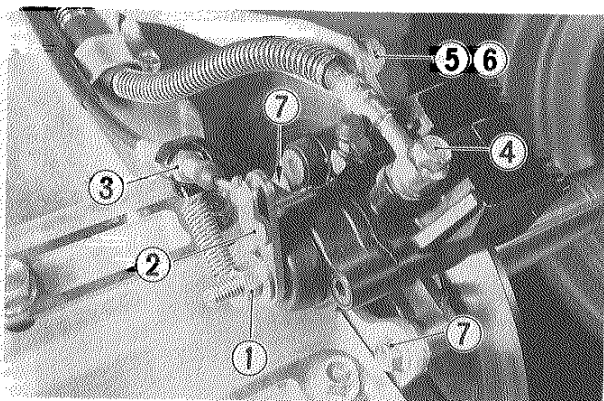
CALIPER REMOVAL AND DISASSEMBLY

NOTE:

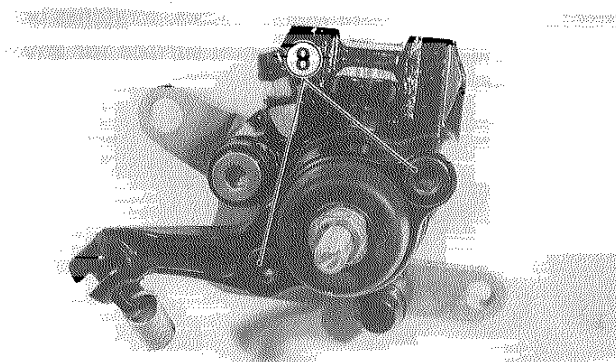
Slightly loosen the brake pad mounting bolts ① to facilitate later disassembly.



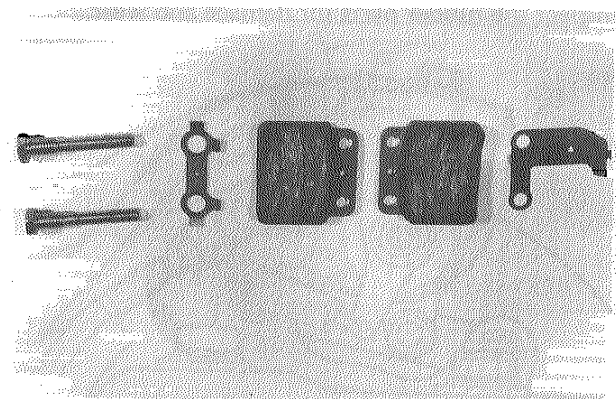
- Disconnect the parking brake cable by removing the lever lock nut ①, lever ② and cable lock nut ③.
- Remove the brake hose union bolt ④ and catch brake fluid in a suitable receptacle.
- Remove the torque link bolt ⑤ and nut ⑥.
- Remove the caliper by removing the caliper mounting bolts ⑦.



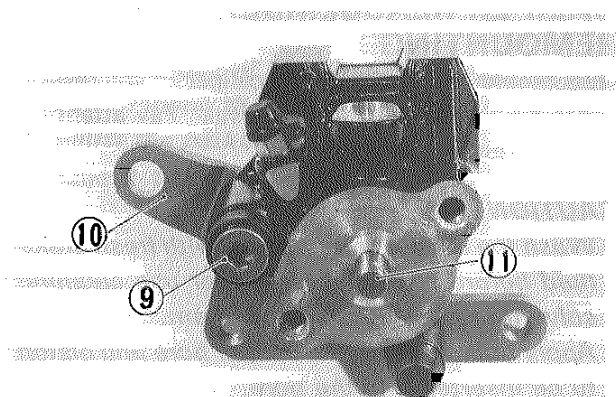
- Remove the parking brake housing by removing the two bolts ⑧.



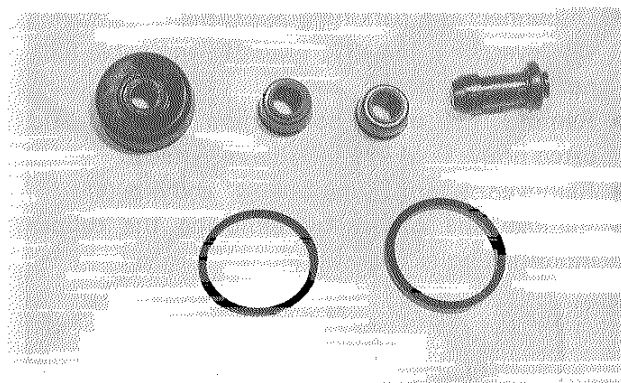
- Remove the brake pads and pad shim by removing the brake pad mounting bolts.



- Remove the caliper axle bolt ⑨, then remove the caliper holder ⑩.
- Remove the piston by pushing the piston/shaft ⑪.

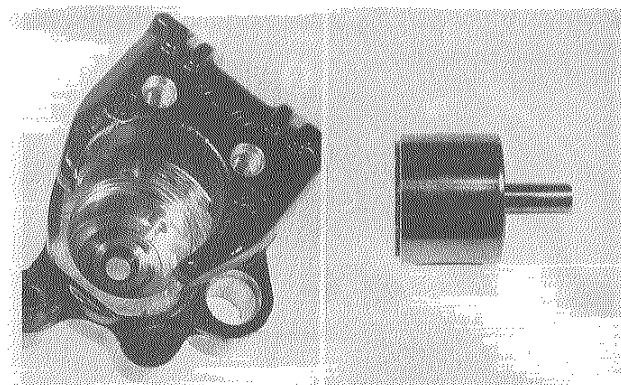


- Remove the rubber boots, piston seal and dust seal from the caliper.

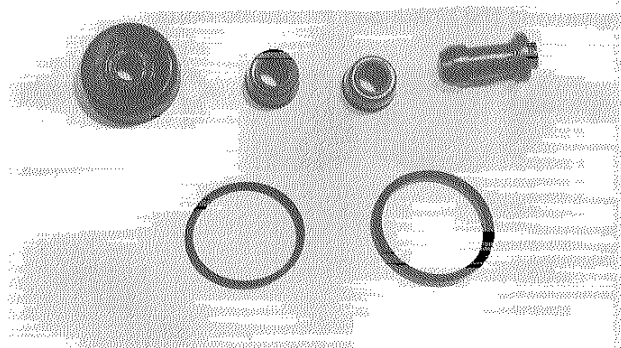


CALIPER INSPECTION

Inspect the caliper bore wall for nicks, scratches or other damage. Inspect the piston surface for any scratches or other damage.



Inspect the rubber parts for damage and wear.



CALIPER REASSEMBLY AND REMOUNTING

Reassemble and remount the caliper in the reverse order of disassembly and removal. Pay attention to the following points:

CAUTION:

- * *Wash the caliper components with fresh brake fluid before reassembly. Never use cleaning solvent or gasoline to wash them.*
- * *Apply brake fluid to the caliper bore and piston to be inserted into the bore.*