

CHASSIS

ADJUSTING THE FRONT BRAKE

- 1. Measure:
- brake lever free play ⓐ Out of specification → Adjust.

Brake lever free play (at the end of the brake lever) 2 ~ 5 mm (0.08 ~ 0.20 in)

- 2. Adjust:
- brake lever free play

- a. Loosen the locknut ①.
- b. Turn the adjusting screw (2) in direction
 (a) or (b) until the specified brake lever free play is obtained.

Direction ⓐ	Brake lever free play is increased.
Direction (b)	Brake lever free play is decreased.

c. Tighten the locknut.

A WARNING

A soft or spongy feeling in the brake lever can indicate the presence of air in the brake system. Before the vehicle is operated, the air must be removed by bleeding the brake system. Air in the brake system will considerably reduce braking performance and could result in loss of control and possibly an accident. Therefore, check and, if necessary, bleed the brake system.

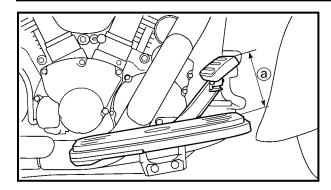
CAUTION

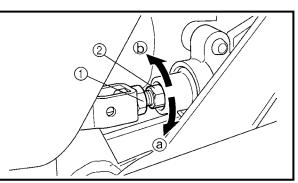
After adjusting the brake lever free play, make sure there is no brake drag.

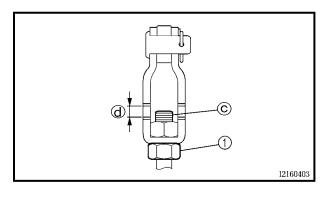


ADJUSTING THE REAR BRAKE





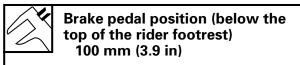




EAS00110 **ADJUSTING THE REAR BRAKE**

1. Measure:

 brake pedal position (distance a) from the top of the rider footrest to the top of the brake pedal) Out of specification \rightarrow Adjust.



- 2. Adjust:
- · brake pedal position
- a. Loosen the locknut (1).
- b. Turn the adjusting bolt (2) in direction (a) or b until the specified brake pedal position is obtained.

Direction ⓐ	Brake pedal is raised.
Direction (b)	Brake pedal is lowered.

After adjusting the brake pedal position, check that the end © of the adjusting bolt is visible through the hole \mathbf{d} .

c. Tighten the locknut (1) to specification.



Locknut 18 Nm (1.8 m • kg, 13 ft • lb)

A WARNING

A soft or spongy feeling in the brake pedal can indicate the presence of air in the brake system. Before the vehicle is operated, the air must be removed by bleeding the brake system. Air in the brake system will considerably reduce braking performance and could result in loss of control and possibly an accident. Therefore, check and, if necessary, bleed the brake system.

CAUTION

After adjusting the brake pedal position, make sure there is no brake drag.

3. Adjust:

- rear brake light switch Refer to "ADJUSTING THE REAR BRAKE LIGHT SWITCH".
- 3 33

CHECKING THE BRAKE FLUID LEVEL

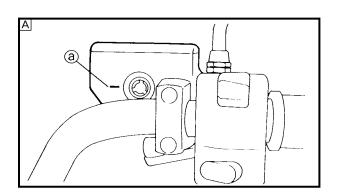


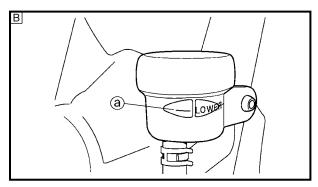
EAS00115 CHECKING THE BRAKE FLUID LEVEL

1. Stand the motorcycle on a level surface.

NOTE: _

- Place the motorcycle on a suitable stand.
- · Make sure the motorcycle is upright.





- 2. Check:
- brake fluid level

Below the minimum level mark (a) \rightarrow Add the recommended brake fluid to the proper level.



Recommended brake fluid DOT 4

A Front brake **B** Rear brake

A WARNING

- Use only the designated brake fluid. Other brake fluids may cause the rubber seals to deteriorate, causing leakage and poor brake performance.
- · Refill with the same type of brake fluid that is already in the system. Mixing brake fluids may result in a harmful chemical reaction, leading to poor brake performance.
- · When refilling, be careful that water does not enter the brake fluid reservoir. Water will significantly lower the boiling point of the brake fluid and could cause vapor lock.

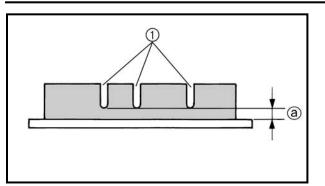
CAUTION:

Brake fluid may damage painted surfaces and plastic parts. Therefore, always clean up any spilt brake fluid immediately.

NOTE: ____

In order to ensure a correct reading of the brake fluid level, make sure the top of the brake fluid reservoir is horizontal.





EAS00120 CHECKING THE FRONT BRAKE PADS

The following procedure applies to all of the brake pads.

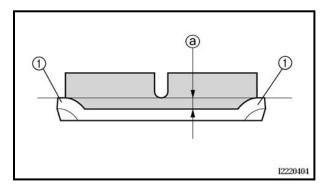
- 1. Operate the brake.
- 2. Check:
- brake pad

Wear indicator groove (1) almost disappeared \rightarrow Replace the brake pads as a set.

Refer to "REPLACING THE FRONT BRAKE PADS" in chapter 4.



Brake pad wear limit (a) 0.5 mm (0.02 in)



CHECKING THE REAR BRAKE PADS

The following procedure applies to all of the brake pads.

- 1. Operate the brake.
- 2. Check:
- brake pad

Wear indicators (1) almost touch the brake disc \rightarrow Replace the brake pads as a set.

Refer to "REPLACING THE REAR BRAKE PADS" in chapter 4.



Brake pad wear limit (a) 0.5 mm (0.02 in)

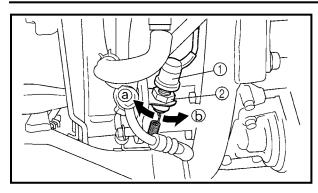
ADJUSTING THE REAR BRAKE LIGHT SWITCH

NOTE: _

The rear brake light switch is operated by movement of the brake pedal.

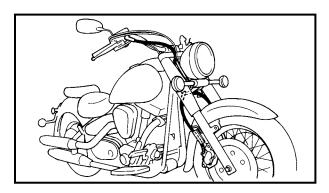
The rear brake light switch is properly adjusted when the brake light comes on just before the braking effect starts.

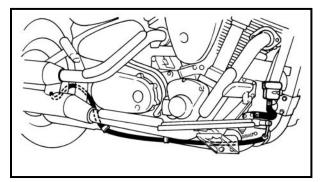
ADJUSTING THE REAR BRAKE LIGHT SWITCH/ CHECKING THE BRAKE HOSE



- 1. Check:
- rear brake light operation timing Incorrect → Adjust.
- 2. Adjust:
- rear brake light operation timing
- a. Hold the main body ① of the rear brake light switch so that it does not rotate and turn the adjusting nut ② in direction ③ or ⑤ until the rear brake light comes on at the proper time.

Direction ⓐ	Brake light comes on sooner.
Direction (b)	Brake light comes on later.





CHECKING THE BRAKE HOSE

- 1. Check:
- brake hose
- Cracks/damage/wear \rightarrow Replace.
- 2. Check:
- brake hose clamp Loose \rightarrow Tighten the clamp bolt.
- 3. Hold the motorcycle upright and apply the front or rear brake several times.
- 4. Check:
- brake hose Brake fluid leakage → Replace the damaged hose. Refer to "FRONT AND REAR BRAKES" in chapter 4.



EAS00134 BLEEDING THE HYDRAULIC BRAKE SYSTEM

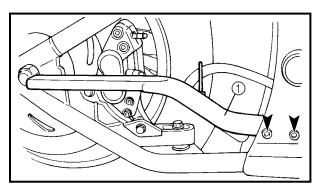
A WARNING

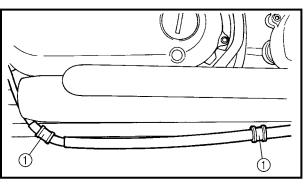
Bleed the hydraulic brake system whenever:

- the brake system was disassembled,
- a brake hose was loosened, disconnected, or replaced,
- the brake fluid level is very low,
- brake operation is faulty.
- 1. Remove:
- muffler
- muffler bracket ①
- 2. Remove:
- plastic clamps (1)

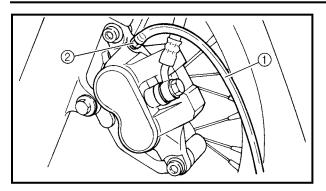
NOTE: _

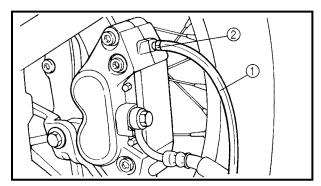
- Be careful not to spill any brake fluid or allow the brake master cylinder reservoir or brake fluid reservoir to overflow.
- When bleeding the hydraulic brake system, make sure there is always enough brake fluid before applying the brake.
 Ignoring this precaution could allow air to enter the hydraulic brake system, considerably lengthening the bleeding procedure.
- If bleeding is difficult, it may be necessary to let the brake fluid settle for a few hours. Repeat the bleeding procedure when the tiny bubbles in the hose have disappeared.
- 3. Bleed:
- hydraulic brake system
- a. Fill the brake fluid reservoir to the proper level with the recommended brake fluid.
- b. Install the diaphragm (brake master cylinder reservoir or brake fluid reservoir).





BLEEDING THE HYDRAULIC BRAKE SYSTEM





c. Connect a clear plastic hose ① tightly to the bleed screw ②.

СНК

A Front B Rear

- d. Place the other end of the hose into a container.
- e. Slowly apply the brake several times.
- f. Fully squeeze the brake lever or fully depress the brake pedal and hold it in position.
- g. Loosen the bleed screw.

NOTE: _

Loosening the bleed screw will release the pressure and cause the brake lever to contact the throttle grip or the brake pedal to fully extend.

- h. Tighten the bleed screw and then release the brake lever or brake pedal.
- i. Repeat steps (e) to (h) until all of the air bubbles have disappeared from the brake fluid in the plastic hose.
- j. Tighten the bleed screw to specification.



Bleed screw

6 Nm (0.6 m • kg, 4.3 ft • lb)

k. Fill the brake fluid reservoir to the proper level with the recommended brake fluid.

Refer to "CHECKING THE BRAKE FLUID LEVEL".

WARNING

After bleeding the hydraulic brake system, check the brake operation.

- 4. Install:
- plastic clamps
- muffler bracket

🍇 26 Nm (2.6 m · kg, 19 ft · lb)

- muffler
- 5. Tighten:
- muffler bolts
 - 🔌 30 Nm (3.0 m · kg, 22 ft · lb)
- muffler clamp bolts

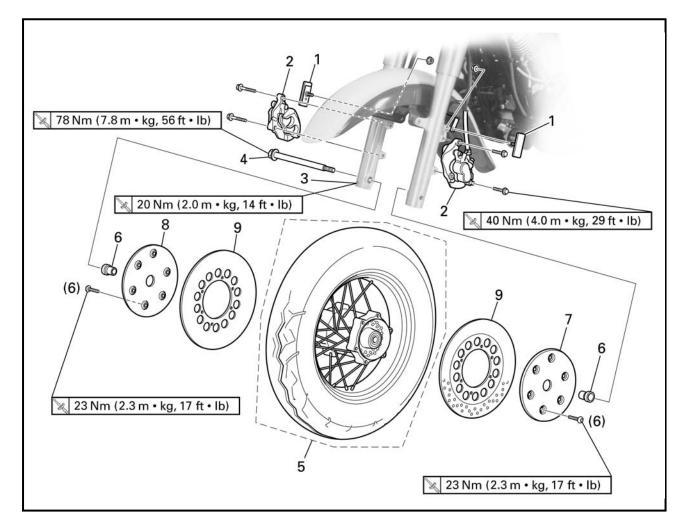
🔌 25 Nm (2.5 m · kg, 18 ft · lb)



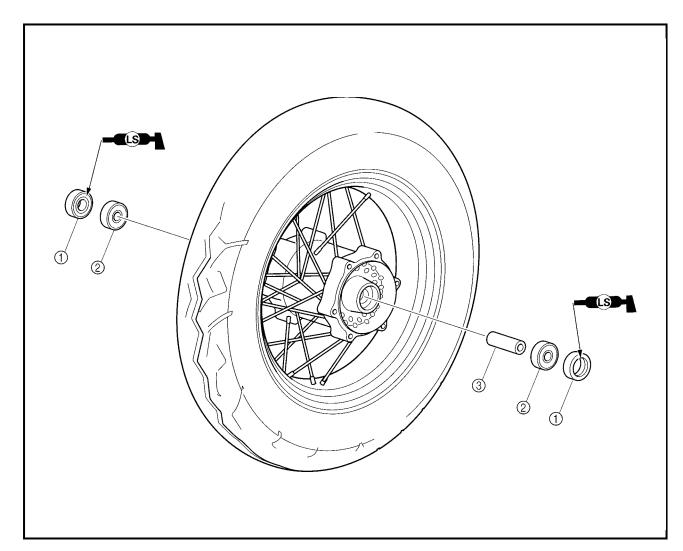
EAS00514

CHASSIS

FRONT WHEEL AND BRAKE DISCS



Order	Job/Part	Q'ty	Remarks
	Removing the front wheel and brake discs		Remove the parts in the order listed.
			NOTE:
			Place the motorcycle on a suitable stand so that the front wheel is elevated.
1	Reflector (left and right)	2	
2	Brake caliper (left and right)	2	
3	Wheel axle pinch bolt	1	Loosen.
4	Front wheel axle	1	
5	Front wheel	1	
6	Collar (left and right)	2	
7	Brake disc cover (left)	1	
8	Brake disc cover (right-with weight)	1	
9	Brake disc (left and right)	2	
			For installation, reverse the removal procedure.



Order	Job/Part	Q'ty	Remarks
	Disassembling the front wheel		Remove the parts in the order listed.
1	Oil seal (left and right)	2	
2	Wheel bearing (left and right)	2	
3	Spacer	1	
			For assembly, reverse the disassembly
			procedure.



REMOVING THE FRONT WHEEL

1. Stand the motorcycle on a level surface.

A WARNING

Securely support the motorcycle so that there is no danger of it falling over.

NOTE: _

Place the motorcycle on a suitable stand so that the front wheel is elevated.

- 2. Remove:
- · left brake caliper
- right brake caliper

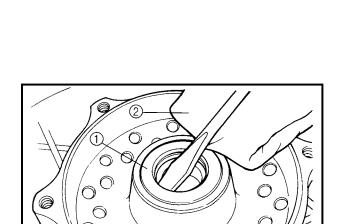
NOTE: _

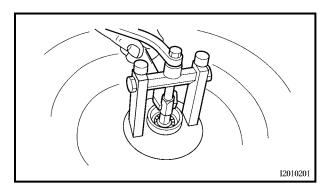
Do not squeeze the brake lever when removing the brake calipers.

- 3. Elevate:
- front wheel

NOTE: ____

Place the motorcycle on a suitable stand so that the front wheel is elevated.





DISASSEMBLING THE FRONT WHEEL

- 1. Remove:
- oil seals
- wheel bearings
- a. Clean the outside of the front wheel hub.
- b. Remove the oil seals (1) with a flat-head screwdriver.

NOTE: _____

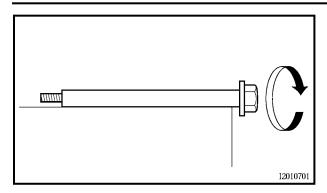
To prevent damaging the wheel, place a rag (2) between the screwdriver and the wheel surface.

c. Remove the wheel bearings with a general bearing puller.

4







EAS00526 CHECKING THE FRONT WHEEL

- 1. Check:
- wheel axle Roll the wheel axle on a flat surface. Bends \rightarrow Replace.

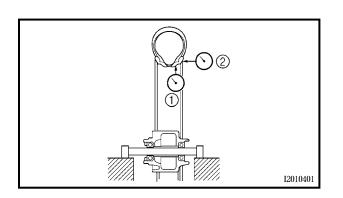
Do not attempt to straighten a bent wheel axle.

- 2. Check:
- tire
- front wheel

Damage/wear \rightarrow Replace. Refer to "CHECKING THE TIRES" and "CHECKING THE WHEELS" in chapter 3.

3. Check:

 spokes Bends/damage → Replace. Loose → Tighten. Refer to "CHECKING AND TIGHTENING THE SPOKES" in chapter 3.



- 4. Measure:
- radial wheel runout (1)
- lateral wheel runout ②
 Over the specified limits → Replace.

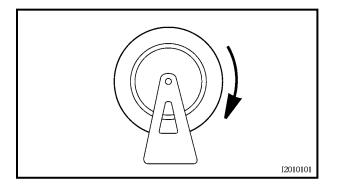


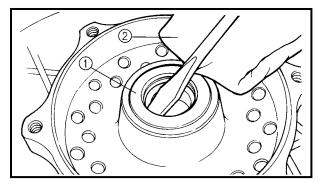
Maximum radial wheel runout 1.0 mm (0.04 in) Maximum lateral wheel runout 0.5 mm (0.02 in)

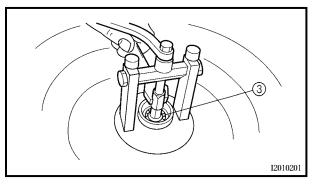
- 5. Check:
- collars Damage/wear \rightarrow Replace.

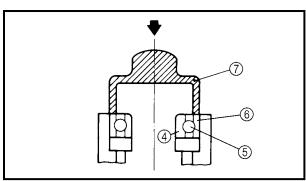












- 6. Check:
- wheel bearings Front wheel turns roughly or is loose \rightarrow Replace the wheel bearings.
- oil seals Damage/wear \rightarrow Replace.
- 7. Replace:
- wheel bearings New
- oil seals New
- a. Clean the outside of the front wheel hub.
- b. Remove the oil seals ① with a flat-head screwdriver.

NOTE: _

To prevent damaging the wheel, place a rag ② between the screwdriver and the wheel surface.

- c. Remove the wheel bearings ③ with a general bearing puller.
- d. Install the new wheel bearings and oil seals in the reverse order of disassembly.

CAUTION:

Do not contact the wheel bearing inner race ④ or balls ⑤. Contact should be made only with the outer race ⑥.

NOTE: _

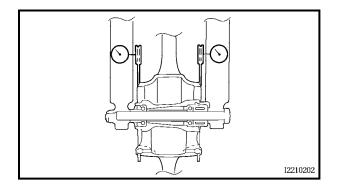
Use a socket ⑦ that matches the diameter of the wheel bearing outer race and oil seal.



EAS00531 **CHECKING THE BRAKE DISCS**

The following procedure applies to all of the brake discs.

- 1. Check:
- brake disc
 - Damage/galling \rightarrow Replace.
- 2. Measure:
- brake disc deflection Out of specification \rightarrow Correct the brake disc deflection or replace the brake disc.



Maximum brake disc deflection Front: 0.15 mm (0.006 in) Rear: 0.15 mm (0.006 in)

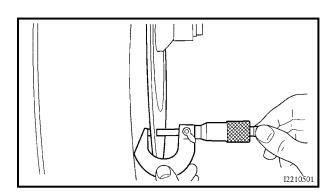
- a. Place the motorcycle on a suitable stand so that the wheel is elevated.
- b. Before measuring the front brake disc deflection, turn the handlebar to the left or right to ensure that the front wheel is stationary.
- c. Remove the brake caliper.
- d. Hold the dial gauge at a right angle against the brake disc surface.
- e. Measure the deflection 1.5 mm (0.05 in) below the edge of the brake disc.

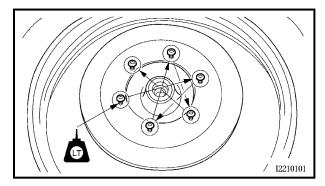
- 3. Measure:
 - brake disc thickness Measure the brake disc thickness at a few different locations. Out of specification \rightarrow Replace.



Minimum brake disc thickness Front: 4.5 mm (0.18 in) Rear: 6.5 mm (0.26 in)

- 4. Adjust:
- brake disc deflection
- a. Remove the brake disc cover and brake disc.
- b. Rotate the brake disc cover and brake disc by one bolt hole.
- c. Install the brake disc cover and brake disc.







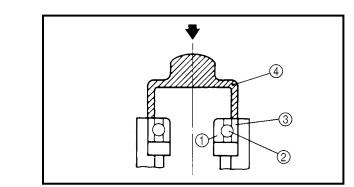
NOTE: ____

Tighten the brake disc bolts in stages and in a crisscross pattern.



Brake disc bolt 23 Nm (2.3 m • kg, 17 ft • lb) LOCTITE[®]

- d. Measure the brake disc deflection.
- e. If out of specification, repeat the adjustment steps until the brake disc deflection is within specification.
- f. If the brake disc deflection cannot be brought within specification, replace the brake disc.



ASSEMBLING THE FRONT WHEEL

- 1. Install:
- wheel bearings
- oil seals New Install the new wheel bearings and oil seals in the reverse order of disassembly.

CAUTION

Do not contact the wheel bearing inner race ① or balls ②. Contact should be made only with the outer race ③.

NOTE: ____

Use a socket ④ that matches the diameter of the wheel bearing outer race and oil seal.

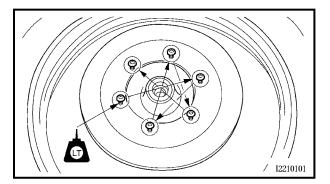
EAS00544 INSTALLING THE FRONT WHEEL

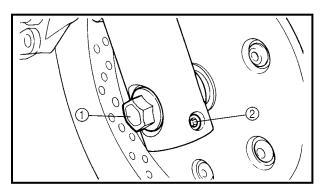
The following procedure applies to both brake discs.

- 1. Lubricate:
- wheel axle
- oil seal lips



FRONT WHEEL AND BRAKE DISCS CHAS





2. Install:

- brake discs
- brake disc covers

🔌 23 Nm (2.3 m · kg, 17 ft · lb)

NOTE: .

- Apply locking agent (LOCTITE[®] 648) to the threads of the brake disc bolts.
- Tighten the brake disc bolts in stages and in a crisscross pattern.
- 3. Install:
- collars
- front wheel
- front wheel axle
- 4. Tighten:
- front wheel axle 1

🔌 78 Nm (7.8 m · kg, 56 ft · lb)

wheel axle pinch bolt ②

🔌 20 Nm (2.0 m · kg, 14 ft · lb)

CAUTION

Before tightening the wheel axle nut, push down hard on the handlebar several times and check if the front fork rebounds smoothly. 4

- 5. Install:
- brake calipers

🔌 40 Nm (4.0 m · kg, 29 ft · lb)

A WARNING

Make sure the brake hose is routed properly.

6. Install:

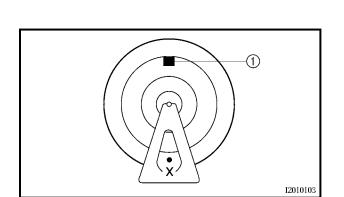
reflectors



ADJUSTING THE FRONT WHEEL STATIC BALANCE

NOTE: _

- After replacing the tire, wheel, or both, the front wheel static balance should be adjusted.
- Adjust the front wheel static balance with the brake discs installed.
- 1. Remove:
- balancing weight(s)
- 2. Find:
- · front wheel's heavy spot
- *****
- a. Place the front wheel on a suitable balancing stand.
- b. Spin the front wheel.
- c. When the front wheel stops, put an " X_1 " mark at the bottom of the wheel.
- d. Turn the front wheel 90° so that the "X₁" mark is positioned as shown.
- e. Release the front wheel.
- f. When the wheel stops, put an " X_2 " mark at the bottom of the wheel.
- g. Repeat steps (b) through (f) several times until all the marks come to rest at the same spot.
- h. The spot where all the marks come to rest is the front wheel's heavy spot "X".

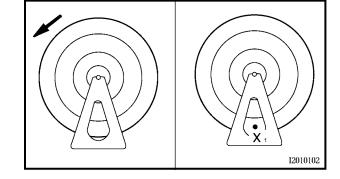


- 3. Adjust:
- front wheel static balance
- a. Install a balancing weight ① onto the rim exactly opposite the heavy spot "X".

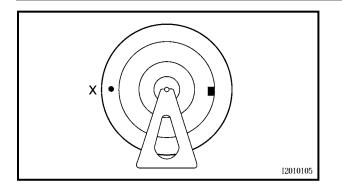
NOTE:

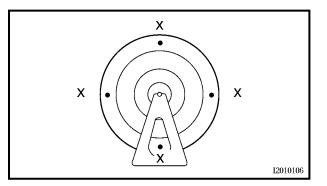
Start with the lightest weight.

b. Turn the front wheel 90° so that the heavy spot is positioned as shown.



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- c. If the heavy spot does not stay in that position, install a heavier weight.
- d. Repeat steps (b) and (c) until the front wheel is balanced.

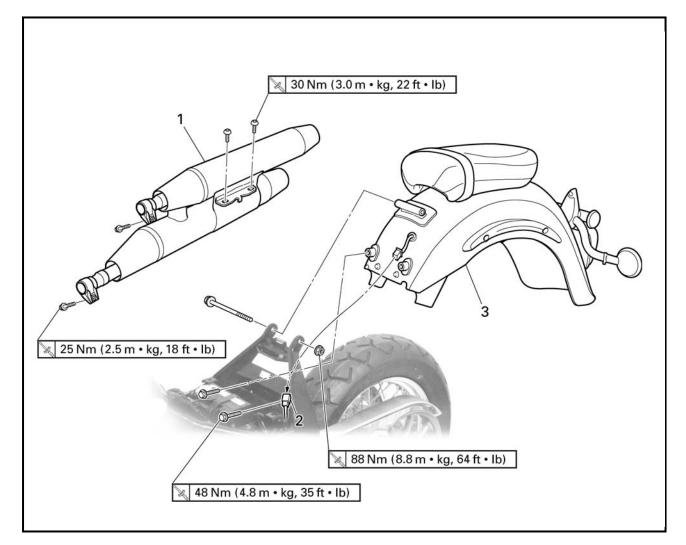


- 4. Check:
- front wheel static balance
- a. Turn the front wheel and make sure it stays at each position shown.
- b. If the front wheel does not remain stationary at all of the positions, rebalance it.





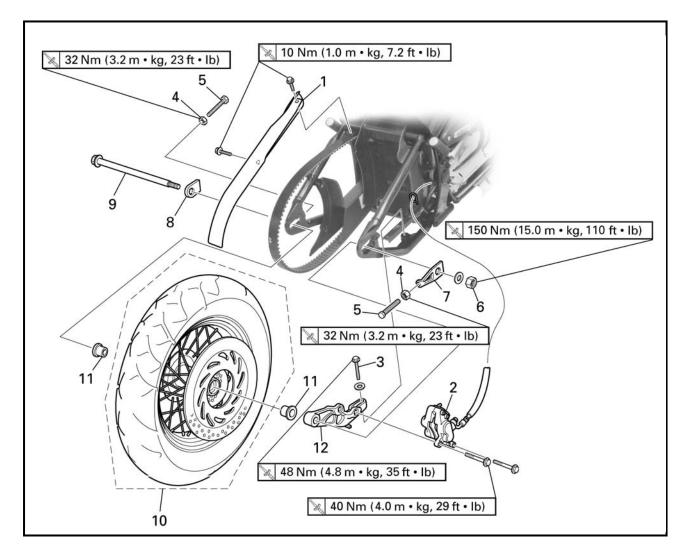
EAS00550 **REAR WHEEL, BRAKE DISC AND REAR WHEEL PULLEY**



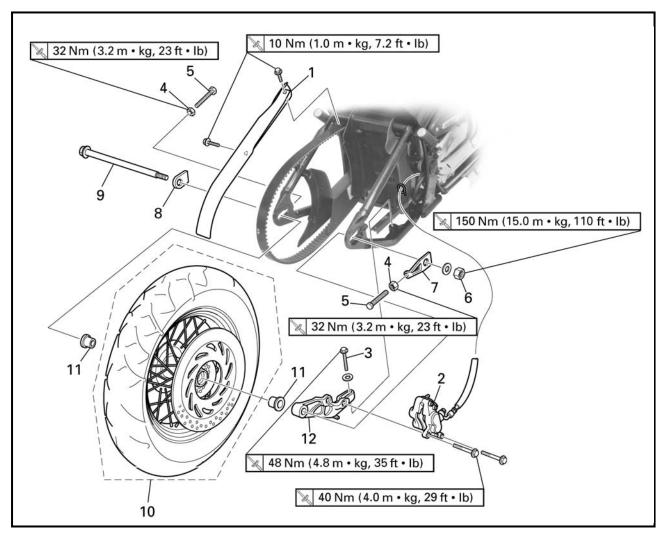
Order	Job/Part	Q'ty	Remarks
	Removing the rear fender and muf-		Remove the parts in the order listed.
	fler		
	Rider seat		Refer to "SEATS AND SIDE COVERS"
			in chapter 3.
1	Muffler	1	
2	Tail/brake light and turn signal light sub-wire harness	1	Disconnect.
3	Rear fender assembly	1	
			For installation, reverse the removal procedure.

REAR WHEEL, BRAKE DISC AND REAR WHEEL PULLEY CHAS

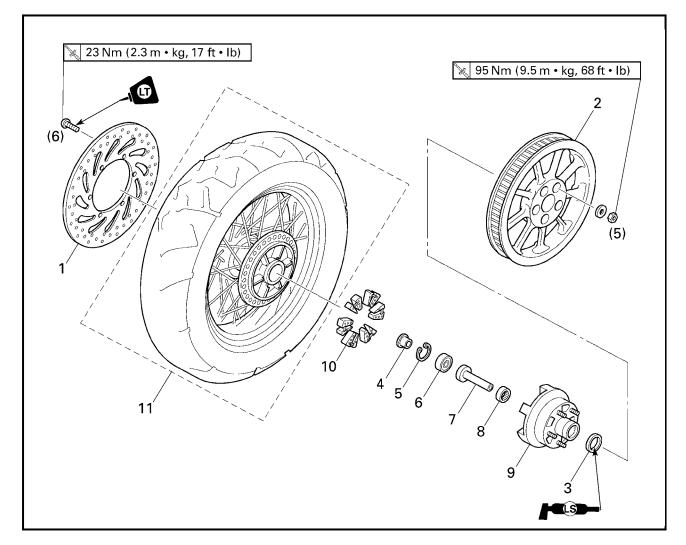
EAS00550



Order	Job/Part	Q'ty	Remarks
	Removing the rear wheel		Remove the parts in the order listed.
			NOTE:
			Place the motorcycle on a suitable
			stand so that the rear wheel is ele- vated.
1	Upper drive belt cover	1	
2	Brake caliper	1	
3	Brake caliper bracket bolt	1	
4	Locknut (left and right)	2	Loosen.
5	Adjusting bolt (left and right)	2	Loosen.
6	Wheel axle nut	1	
7	Right adjusting plate	1	
8	Left adjusting plate	1	
9	Rear wheel axle	1	



Order	Job/Part	Q'ty	Remarks
10	Rear wheel	1	
11	Collar (left and right)	2	
12	Brake caliper bracket	1	
			For installation, reverse the removal
			procedure.

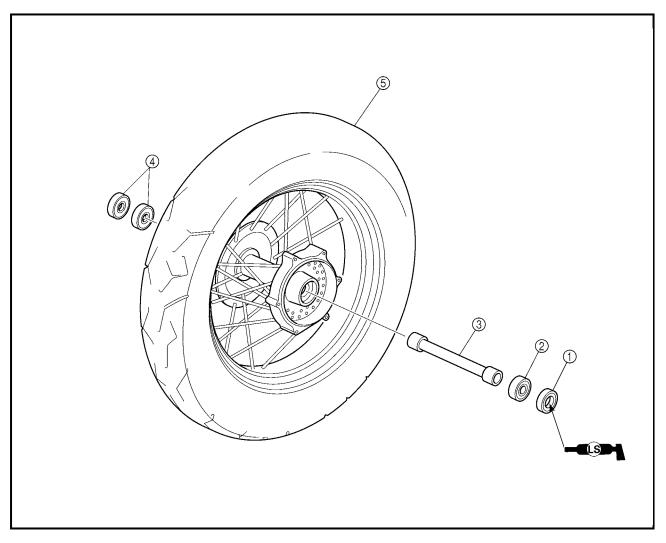


Order	Job/Part	Q'ty	Remarks
	Removing the brake disc and rear		Remove the parts in the order listed.
	wheel pulley		
1	Brake disc	1	
2	Rear wheel pulley	1	
3	Oil seal	1	
4	Collar	1	
5	Circlip	1	
6	Bearing	1	
7	Collar	1	
8	Bearing	1	
9	Rear wheel drive hub	1	
10	Rear wheel drive hub damper	6	
11	Rear wheel	1	
			For installation, reverse the removal
			procedure.

REAR WHEEL, BRAKE DISC AND REAR WHEEL PULLEY



EAS00560



Order	Job/Part	Q'ty	Remarks
	Disassembling the rear wheel		Remove the parts in the order listed.
1	Oil seal	1	
2	Bearing	1	
3	Spacer	1	
4	Bearing	4	
			For assembly, reverse the disassembly
			procedure.

REAR WHEEL, BRAKE DISC AND REAR WHEEL PULLEY |C|



REMOVING THE REAR WHEEL

1. Stand the motorcycle on a level surface.

A WARNING

Securely support the motorcycle so that there is no danger of it falling over.

NOTE: _

Place the motorcycle on a suitable stand so that the rear wheel is elevated.

- 2. Remove:
- brake caliper

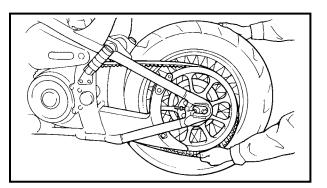
NOTE: _

Do not depress the brake pedal when removing the brake caliper.

- 3. Remove:
- rear wheel

NOTE: ____

Push the rear wheel forward and remove the drive belt from the rear wheel pulley.



EAS00566 CHECKING THE REAR WHEEL

- 1. Check:
- wheel axle
- rear wheel
- wheel bearings
- oil seals Refer to "FRONT WHEEL AND BRAKE DISCS".
- 2. Check:
- tire
- rear wheel
 - Damage/wear \rightarrow Replace. Refer to "CHECKING THE TIRES" and

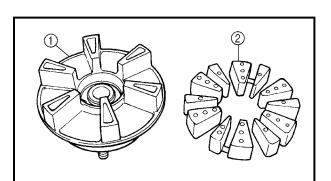
"CHECKING THE WHEELS" in chapter 3.

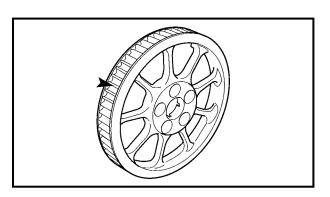
REAR WHEEL, BRAKE DISC AND REAR WHEEL PULLEY |CHAS|



- 3. Check:spokes
 - Refer to "FRONT WHEEL AND BRAKE DISCS".

- 4. Measure:
- radial wheel runout
- lateral wheel runout Refer to "FRONT WHEEL AND BRAKE DISCS".





CHECKING THE REAR WHEEL DRIVE HUB

- 1. Check:
- rear wheel drive hub ①
 Cracks/damage → Replace.
- rear wheel drive hub dampers (2) Damage/wear \rightarrow Replace.

CHECKING AND REPLACING THE REAR WHEEL PULLEY

- 1. Check:
- rear wheel pulley Surface plating has come off → Replace the rear wheel pulley.
 Bent teeth → Replace the rear wheel pulley.
- 2. Replace:
- rear wheel pulley
- a. Remove the self-locking nuts and the rear wheel pulley.
- b. Clean the rear wheel drive hub with a clean cloth, especially the surfaces that contact the pulley.
- c. Install the new rear wheel pulley.

REAR WHEEL, BRAKE DISC AND REAR WHEEL PULLEY



Rear wheel pulley self-locking nut 95 Nm (9.5 m • kg, 68 ft • lb)

NOTE: ____

Tighten the self-locking nuts in stages and in a crisscross pattern.

ASSEMBLING THE REAR WHEEL

- 1. Install:
- bearings
- spacer
- bearing
- oil seal New Refer to "FRONT WHEEL AND BRAKE DISCS".

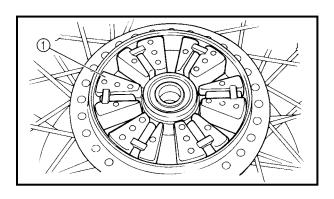
EAS00572 INSTALLING THE REAR WHEEL

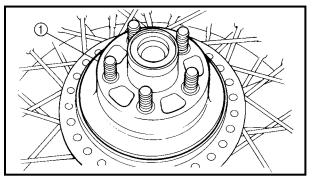
- 1. Lubricate:
- oil seal lips



Recommended lubricant Lithium soap base grease

- 2. Install:
- rear wheel drive hub dampers ①

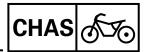


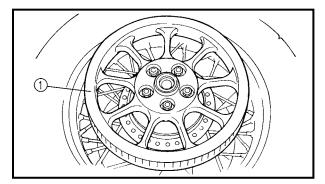


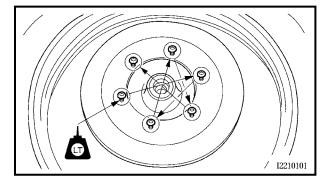
- 3. Install:
- rear wheel drive hub assembly (1)

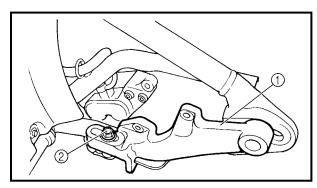


REAR WHEEL, BRAKE DISC AND REAR WHEEL PULLEY









- 4. Install:
- rear wheel pulley (1)

🔌 95 Nm (9.5 m · kg, 68 ft · lb)

NOTE: _____

Tighten the self-locking nuts in stages and in a crisscross pattern.

- 5. Install:
- brake disc

NOTE: _

- Apply locking agent (LOCTITE[®] 648) to the threads of the brake disc bolts.
- Tighten the brake disc bolts in stages and in a crisscross pattern.
- 6. Install:
- brake caliper bracket ①
- washer
- brake caliper bracket bolt (2)

NOTE: _

Temporarily tighten the brake caliper bracket bolt.

- 7. Install:
- collars
- rear wheel
- adjusting plates
- rear wheel axle
- washer
- wheel axle nut

NOTE: _

Temporarily tighten the wheel axle nut.

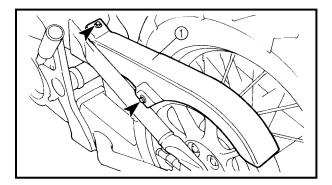
- 8. Adjust:
- drive belt slack Refer to "ADJUSTING THE DRIVE BELT SLACK" in chapter 3.

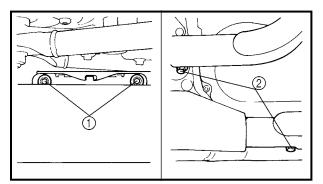
REAR WHEEL, BRAKE DISC AND REAR WHEEL PULLEY CHAS

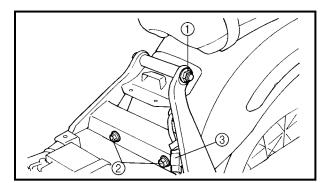


- 9. Tighten:
 - wheel axle nut
 - 🔌 150 Nm (15.0 m · kg, 110 ft · lb)
 - brake caliper bracket bolt

🔌 48 Nm (4.8 m · kg, 35 ft · lb)







10.Install:

• brake caliper ①

🎉 40 Nm (4.0 m · kg, 29 ft · lb)

11.Install:

- upper drive belt cover ①
 - 🔌 10 Nm (1.0 m · kg, 7.2 ft · lb)



12.Install:

- muffler
- 13.Tighten:
- muffler mounting bolt (1)

🎉 30 Nm (3.0 m · kg, 22 ft · lb)

- Clamp bolt ②
 - 🍾 25 Nm (2.5 m · kg, 18 ft · lb)

14.Install:

- rear fender assembly
- 15.Tighten:
- nut (1)
 bolts (2)
 - 🔌 48 Nm (4.8 m · kg, 35 ft · lb)

🔌 88 Nm (8.8 m · kg, 64 ft · lb)

16.Connect:

• tail/brake light and turn signal light subwire harness coupler (3) REAR WHEEL, BRAKE DISC AND REAR WHEEL PULLEY



- 17.Install:
- rider seat
 - Refer to "SEATS AND SIDE COVERS" in chapter 3.

ADJUSTING THE REAR WHEEL STATIC BALANCE

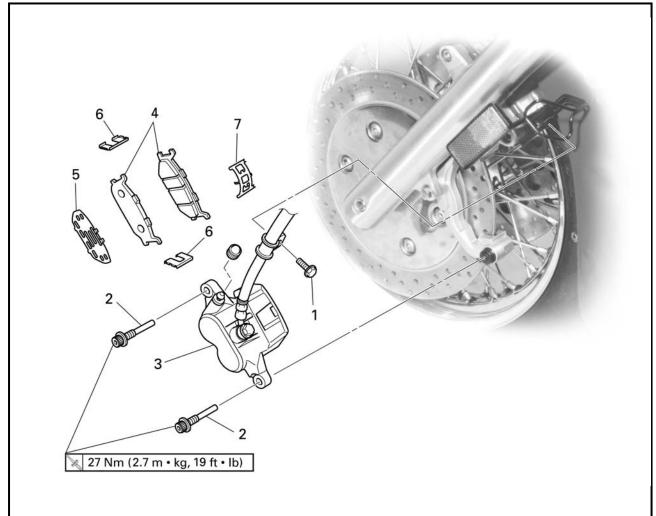
NOTE: ____

- After replacing the tire, wheel, or both, the rear wheel static balance should be adjusted.
- Adjust the rear wheel static balance with the brake disc and rear wheel drive hub installed.
- 1. Adjust:
- rear wheel static balance Refer to "FRONT WHEEL AND BRAKE DISCS".



FRONT AND REAR BRAKES

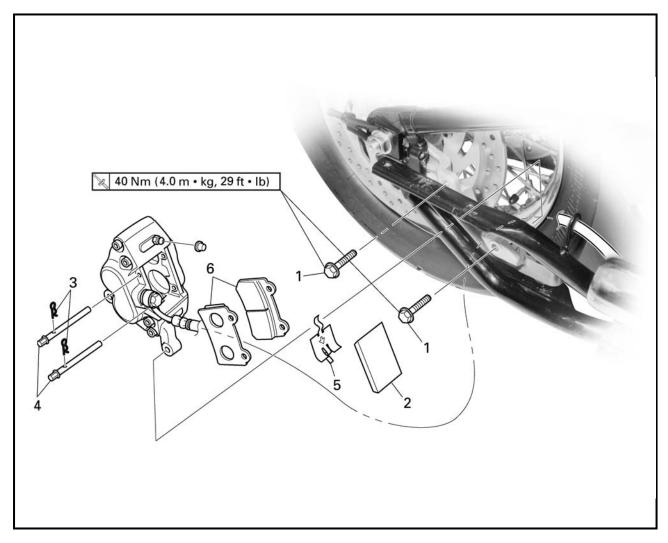
FRONT BRAKE PADS



Order	Job/Part	Q'ty	Remarks
	Removing the front brake pads		Remove the parts in the order listed.
			The following procedure applies to
			both of the front brake calipers.
1	Brake hose holder bolt	1	
2	Retaining bolt	2	
3	Brake caliper	1	
4	Brake pad	2	
5	Brake pad shim	1	
6	Brake pad spring	2	
7	Brake pad spring	1	
			For installation, reverse the removal
			procedure.



EAS00578 REAR BRAKE PADS



Order	Job/Part	Q'ty	Remarks
	Removing the rear brake pads		Remove the parts in the order listed.
	Muffler		Refer to "REAR WHEEL, BRAKE DISC AND REAR WHEEL PULLEY".
1	Brake caliper bolt	2	
2	Brake pad cover	1	
3	Brake pad clip	2	
4	Brake pad pin	2	
5	Brake pad spring	1	
6	Brake pad	2	
			For installation, reverse the removal procedure.

EAS00579



CAUTION:

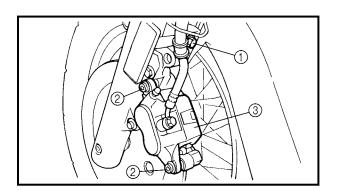
Disc brake components rarely require disassembly.

Therefore, always follow these preventive measures:

- Never disassemble brake components unless absolutely necessary.
- If any connection on the hydraulic brake system is disconnected, the entire brake system must be disassembled, drained, cleaned, properly filled, and bled after reassembly.
- Never use solvents on internal brake components.
- Use only clean or new brake fluid for cleaning brake components.
- Brake fluid may damage painted surfaces and plastic parts. Therefore, always clean up any spilt brake fluid immediately.
- Avoid brake fluid coming into contact with the eyes as it can cause serious injury.

FIRST AID FOR BRAKE FLUID ENTERING THE EYES:

• Flush with water for 15 minutes and get immediate medical attention.



REPLACING THE FRONT BRAKE PADS

The following procedure applies to both brake calipers.

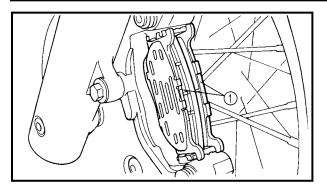
NOTE: .

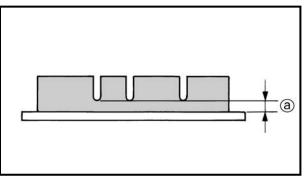
When replacing the brake pads, it is not necessary to disconnect the brake hose or disassemble the brake caliper.

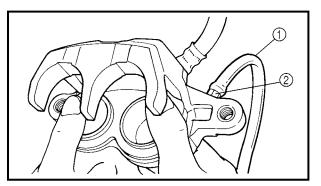
- 1. Remove:
- brake hose holder bolt (1)
- brake caliper retaining bolts (2)
- brake caliper 3

FRONT AND REAR BRAKES









- 2. Remove:
- brake pads ①

 (along with the brake pad shim)
- brake pad springs

- 3. Measure:
- brake pad thickness ⓐ
 Out of specification → Replace the brake pads as a set.



Minimum brake pad thickness 0.5 mm (0.02 in)

- 4. Install:
- brake pads
- brake pad springs

NOTE: _

Always install new brake pads, brake pad shim and a new brake pad springs as a set.

- a. Connect a clear plastic hose ① tightly to the bleed screw ②. Put the other end of the hose into an open container.
- b. Loosen the bleed screw and push the brake caliper pistons into the brake caliper with your finger.
- c. Tighten the bleed screw.



Bleed screw 6 Nm (0.6 m • kg, 4.3 ft • lb)

d. Install a new brake pad shim onto the new brake pad that is on the caliper piston side.

FRONT AND REAR BRAKES



- 5. Lubricate:
- brake caliper retaining bolt



Recommended lubricant Lithium soap base grease

CAUTION:

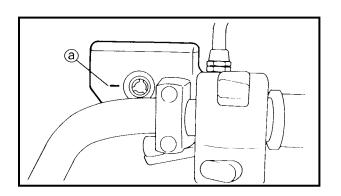
- Do not allow grease to contact the brake pads.
- Remove any excess grease.

6. Install:

- brake caliper
- · brake caliper retaining bolts

🔌 27 Nm (2.7 m · kg, 19 ft · lb)

brake hose holder bolt

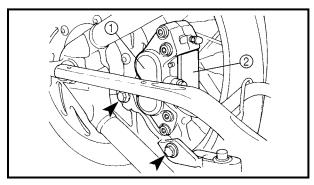


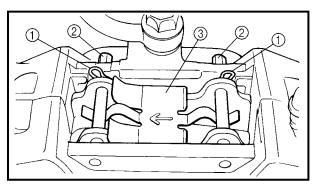
- 7. Check:
- brake fluid level Below the minimum level mark ⓐ → Add the recommended brake fluid to the proper level. Refer to "CHECKING THE BRAKE FLUID LEVEL" in chapter 3.
- 8. Check:

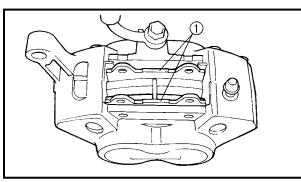
 brake lever operation Soft or spongy feeling → Bleed the brake system.
 Refer to "BLEEDING THE HYDRAULIC BRAKE SYSTEM" in chapter 3.

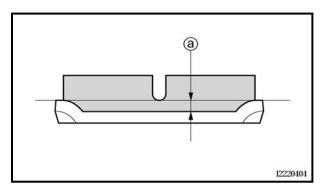


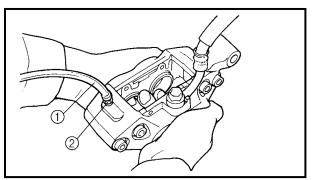












REPLACING THE REAR BRAKE PADS

NOTE: _

When replacing the brake pads, it is not necessary to disconnect the brake hose or disassemble the brake caliper.

- 1. Remove:
- brake caliper 1
- brake pad cover (2)
- 2. Remove:
- brake pad clips (1)
- brake pad pins 2
- brake pad spring ③

- 3. Remove:
- brake pads (1)

4. Measure:

brake pad thickness ⓐ
 Out of specification → Replace the brake pads as a set.



Minimum brake pad thickness 0.5 mm (0.02 in)

- 5. Install:
- brake pads
- brake pad spring

NOTE: _

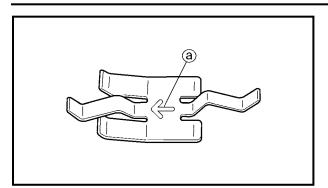
Always install new brake pads and a brake pad spring as a set.

- ****
- a. Connect a clear plastic hose ① tightly to the bleed screw ②. Put the other end of the hose into an open container.

4 - 27

FRONT AND REAR BRAKES





- b. Loosen the bleed screw and push the brake caliper pistons into the brake caliper with your finger.
- c. Tighten the bleed screw.



Bleed screw 6 Nm (0.6 m • kg, 4.3 ft • lb)

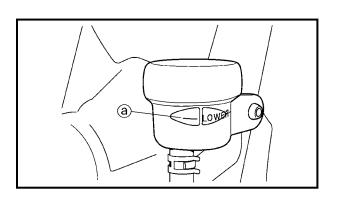
d. Install new brake pads and a new brake pad spring.

NOTE: _

The arrow (a) on the brake pad spring must point in the direction of disc rotation.

- 6. Install:
- brake pad pins
- brake pad clips
- brake pad cover
- brake caliper

🎉 40 Nm (4.0 m · kg, 29 ft · lb)



- 7. Check:
 - brake fluid level Below the minimum level mark ⓐ → Add the recommended brake fluid to the proper level. Refer to "CHECKING THE BRAKE FLUID LEVEL" in chapter 3.
- 8. Check:
- brake pedal operation
 Soft or spongy feeling → Bleed the brake system.

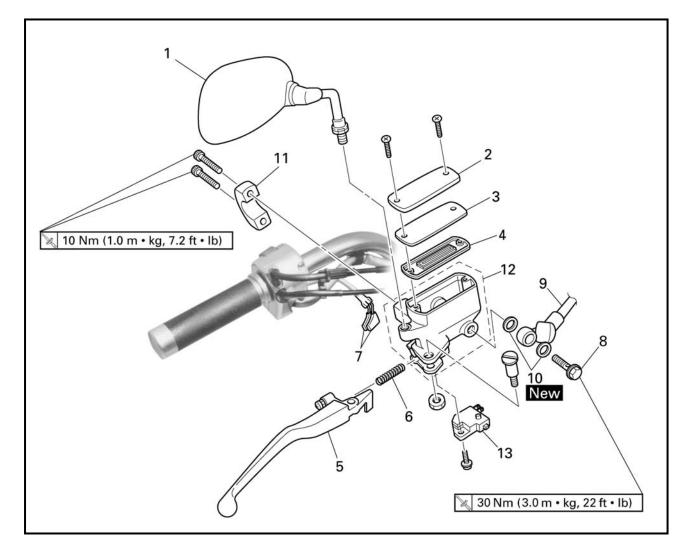
Refer to "BLEEDING THE HYDRAULIC BRAKE SYSTEM" in chapter 3.



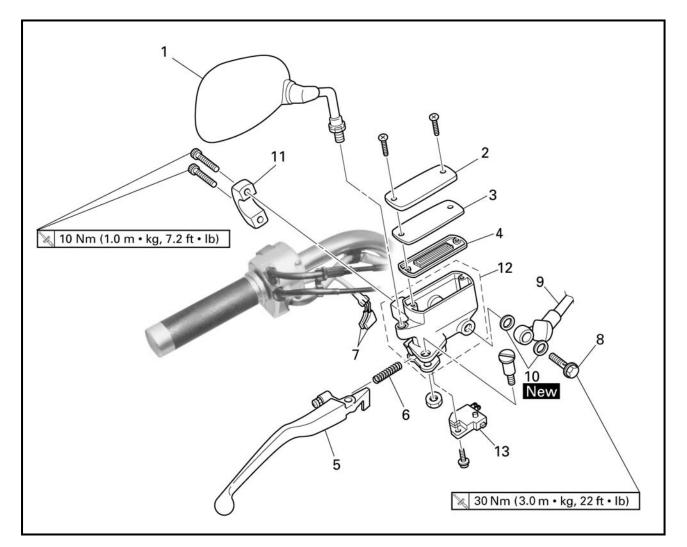
FRONT AND REAR BRAKES CHAS

HAS 55

FRONT BRAKE MASTER CYLINDER



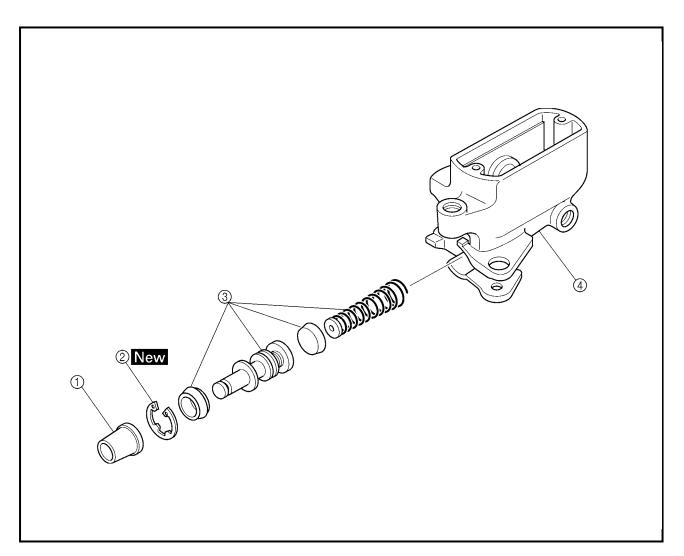
Order	Job/Part	Q'ty	Remarks
	Removing the front brake master cylinder		Remove the parts in the order listed.
	Brake fluid		Drain.
1	Rear view mirror	1	
2	Brake master cylinder reservoir cap	1	
3	Brake master cylinder reservoir dia- phragm holder	1	
4	Brake master cylinder reservoir dia- phragm	1	
5	Brake lever	2	
6	Brake lever spring	1	
7	Front brake light switch connector	2	Disconnect.
8	Union bolt	1	
9	Brake hose	1	Disconnect.
10	Copper washer	2	



Order	Job/Part	Q'ty	Remarks
11	Brake master cylinder holder	1	
12	Brake master cylinder	1	
13	Front brake light switch	1	
			For installation, reverse the removal
			procedure.

EAS00585

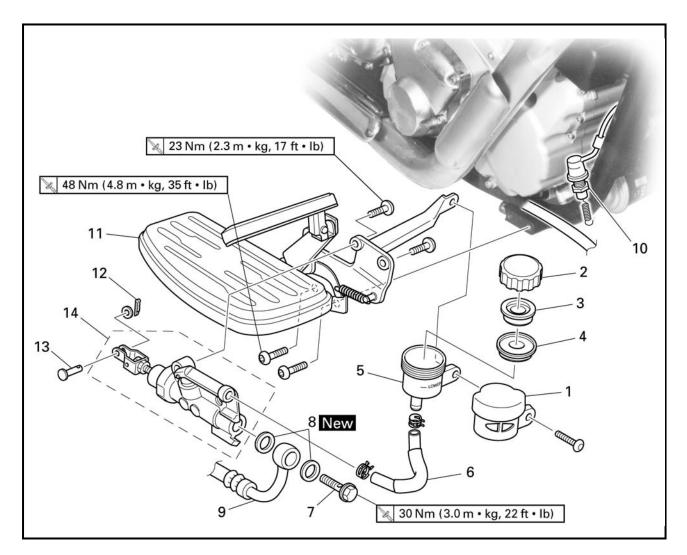




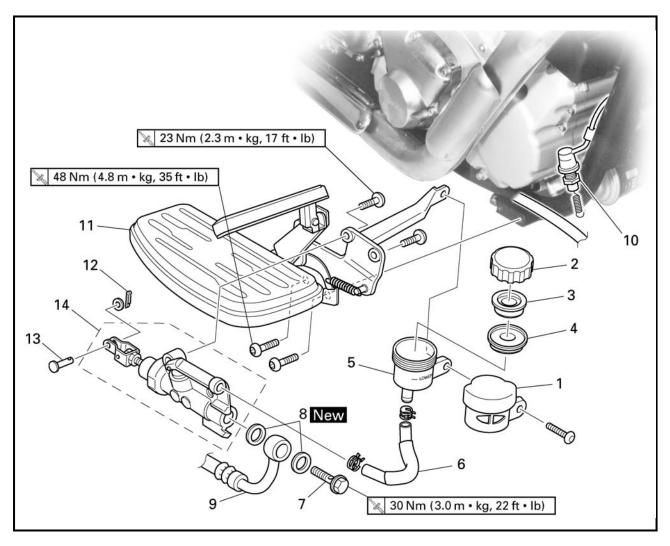
Order	Job/Part	Q'ty	Remarks
	Disassembling the front brake mas-		Remove the parts in the order listed.
	ter cylinder		
1	Dust boot	1	
2	Circlip	1	
3	Brake master cylinder kit	1	
4	Brake master cylinder	1	
			For assembly, reverse the disassembly
			procedure.



REAR BRAKE MASTER CYLINDER

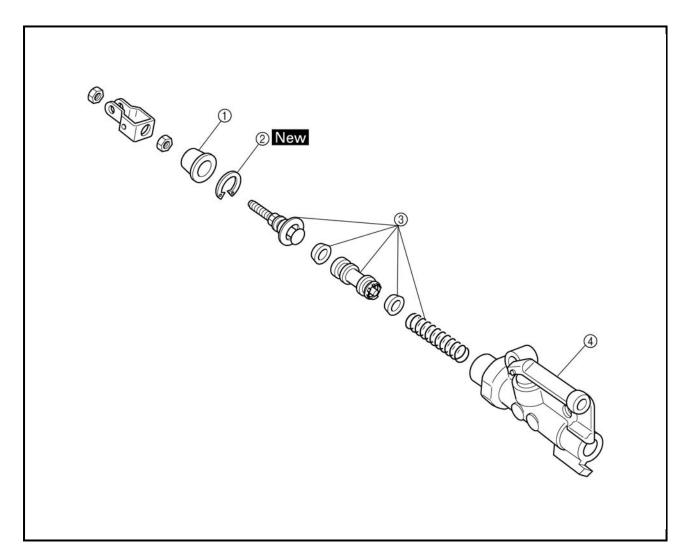


Order	Job/Part	Q'ty	Remarks
	Removing the rear brake master cyl-		Remove the parts in the order listed.
	inder		
	Brake fluid		Drain.
1	Brake fluid reservoir cover	1	
2	Brake fluid reservoir cap	1	
3	Brake fluid reservoir diaphragm	1	
	holder		
4	Brake fluid reservoir diaphragm	1	
5	Brake fluid reservoir	1	
6	Brake fluid reservoir hose	1	
7	Union bolt	1	
8	Copper washer	2	
9	Brake hose	1	Disconnect.
10	Rear brake light switch	1	Disconnect.



Order	Job/Part	Q'ty	Remarks
11	Left footrest assembly	1	
12	Cotter pin	1	
13	Pin	1	
14	Brake master cylinder	1	
			For installation, reverse the removal
			procedure.

EAS00587



Order	Job/Part	Q'ty	Remarks
	Disassembling the rear brake mas- ter cylinder		Remove the parts in the order listed.
1	Dust boot	1	
2	Circlip	1	
3	Brake master cylinder kit	1	
(4)	Brake master cylinder	1	
			For assembly, reverse the disassembly procedure.



DISASSEMBLING THE FRONT BRAKE MASTER CYLINDER

NOTE: ____

Before disassembling the front brake master cylinder, drain the brake fluid from the entire brake system.

- 1. Remove:
- union bolt ①
- copper washers (2)
- brake hose ③

NOTE: ____

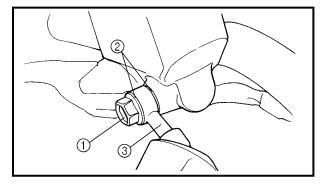
To collect any remaining brake fluid, place a container under the master cylinder and the end of the brake hose.

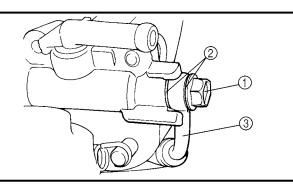
DISASSEMBLING THE REAR BRAKE MASTER CYLINDER

- 1. Remove:
- union bolt ①
- copper washers (2)
- brake hose ③

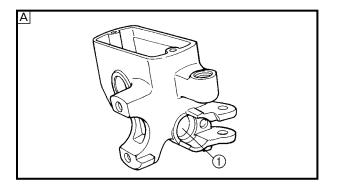
NOTE: __

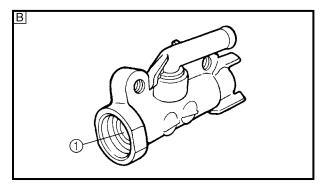
To collect any remaining brake fluid, place a container under the master cylinder and the end of the brake hose.

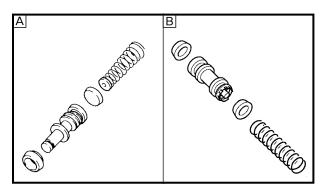


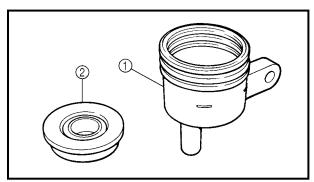


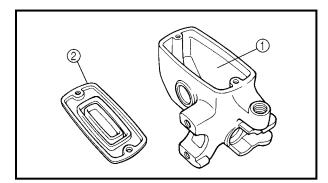












CHECKING THE FRONT AND REAR BRAKE MASTER CYLINDERS

The following procedure applies to both brake master cylinders.

- 1. Check:
- brake master cylinder ①
 Damage/scratches/wear → Replace.
- brake fluid delivery passages (brake master cylinder body)
 Obstruction → Blow out with compressed air.

A Front B Rear

- 2. Check:
- brake master cylinder kit ①
 Damage/scratches/wear → Replace.

A Front B Rear

- 3. Check:
- rear brake fluid reservoir (1) Cracks/damage \rightarrow Replace.
- rear brake fluid reservoir diaphragm (2) Cracks/damage \rightarrow Replace.
- 4. Check:
- front brake master cylinder reservoir (1) Cracks/damage \rightarrow Replace.
- front brake master cylinder reservoir diaphragm (2)

 $\text{Damage/wear} \rightarrow \text{Replace}.$



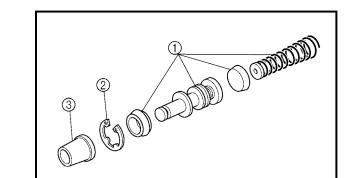


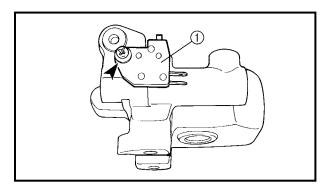
- 5. Check:
- brake hoses
- brake fluid reservoir hose Cracks/damage/wear \rightarrow Replace.

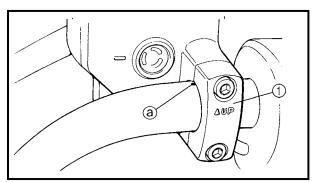
ASSEMBLING AND INSTALLING THE FRONT BRAKE MASTER CYLINDER

WARNING

- Before installation, all internal brake components should be cleaned and lubricated with clean or new brake fluid.
- Never use solvents on internal brake components.







•

Recommended brake fluid DOT 4

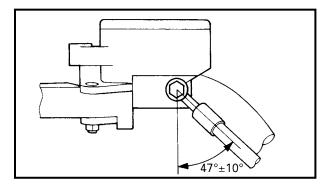
- 1. Install:
- brake master cylinder kit ①
- circlip ② New
- dust boot ③
- 2. Install:
- front brake light switch ①
- 3. Install:
- brake master cylinder
- brake master cylinder holder (1)

🔌 10 Nm (1.0 m · kg, 7.2 ft · lb)

NOTE: ____

- Install the brake master cylinder holder with the "UP" mark facing up.
- Align the end of the brake master cylinder holder with the punch mark (a) in the handlebar.
- First, tighten the upper bolt, then the lower bolt.





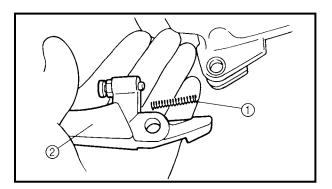
- 4. Install:
- copper washers New
- brake hose
- union bolt 🛛 🔌 30 Nm (3.0 m · kg, 22 ft · lb)

A WARNING

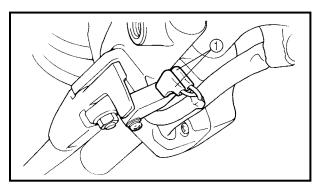
Proper brake hose routing is essential to insure safe motorcycle operation. Refer to "CABLE ROUTING".

NOTE: _

- While holding the brake hose, tighten the union bolt as shown.
- Turn the handlebar to the left and to the right to make sure the brake hose does not touch other parts (e.g., wire harness, cables, leads). Correct if necessary.



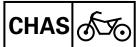
- 5. Install:
- brake lever spring ①
- brake lever 2



- 6. Connect:
- front brake light switch connectors (1)

- 7. Fill:
- brake master cylinder reservoir (with the specified amount of the recommended brake fluid)

Recommended brake fluid DOT 4 4



A WARNING

- Use only the designated brake fluid. Other brake fluids may cause the rubber seals to deteriorate, causing leakage and poor brake performance.
- Refill with the same type of brake fluid that is already in the system. Mixing brake fluids may result in a harmful chemical reaction, leading to poor brake performance.
- When refilling, be careful that water does not enter the brake master cylinder reservoir. Water will significantly lower the boiling point of the brake fluid and could cause vapor lock.

CAUTION:

Brake fluid may damage painted surfaces and plastic parts. Therefore, always clean up any spilt brake fluid immediately.

- 8. Bleed:
- brake system Refer to "BLEEDING THE HYDRAULIC BRAKE SYSTEM" in chapter 3.
- 9. Install:
- brake master cylinder diaphragm
- brake master cylinder diaphragm holder
- brake master cylinder cap
- rear view mirror
- 10.Check:
- brake fluid level

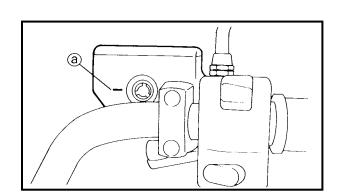
Below the minimum level mark $\textcircled{a} \rightarrow \text{Add}$ the recommended brake fluid to the proper level. Refer to "CHECKING THE BRAKE FLUID

LEVEL" in chapter 3.

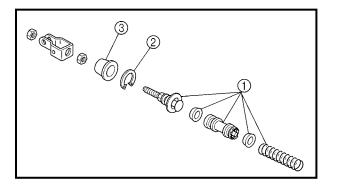
11.Check:

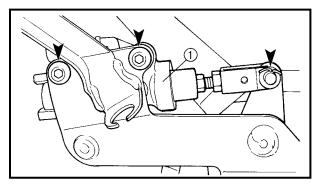
- brake lever operation
 - Soft or spongy feeling \rightarrow Bleed the brake system.

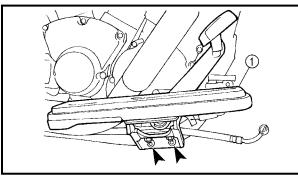
Refer to "BLEEDING THE HYDRAULIC BRAKE SYSTEM" in chapter 3.

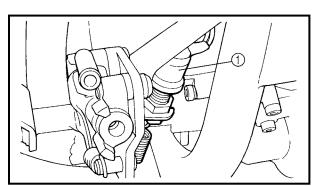












ASSEMBLING AND INSTALLING THE REAR BRAKE MASTER CYLINDER

- 1. Install:
- brake master cylinder kit 1
- circlip ② New
- dust boot ③
- 2. Install:
- brake master cylinder ①

🔌 23 Nm (2.3 m · kg, 17 ft · lb)

- 3. Install:
- left footrest assembly ①

🔌 48 Nm (4.8 m · kg, 35 ft · lb)



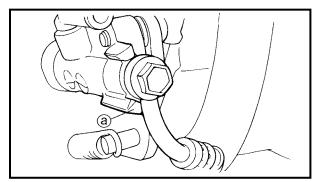
- 4. Install:
- rear brake light switch ①

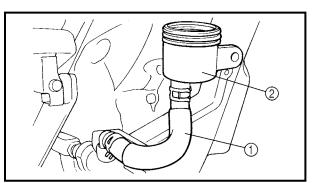
- 5. Install:
- copper washers New
- brake hose
- union bolt 🛛 🔌 30 Nm (3.0 m · kg, 22 ft · lb)

A WARNING

Proper brake hose routing is essential to insure safe motorcycle operation. Refer to "CABLE ROUTING".







When installing the brake hose onto the brake master cylinder, make sure the brake pipe touches the projection (a) as shown.

- 6. Install:
- brake fluid reservoir hose (1)
- brake fluid reservoir (2)

- 7. Fill:
- brake fluid reservoir (to the maximum level mark)

Recommended brake fluid DOT 4

- · Use only the designated brake fluid. Other brake fluids may cause the rubber seals to deteriorate, causing leakage and poor brake performance.
- · Refill with the same type of brake fluid that is already in the system. Mixing brake fluids may result in a harmful chemical reaction, leading to poor brake performance.
- · When refilling, be careful that water does not enter the brake fluid reservoir. Water will significantly lower the boiling point of the brake fluid and could cause vapor lock.

CAUTION:

Brake fluid may damage painted surfaces and plastic parts. Therefore, always clean up any spilt brake fluid immediately.



FRONT AND REAR BRAKES



- 8. Bleed:
 - brake system Refer to "BLEEDING THE HYDRAULIC BRAKE SYSTEM" in chapter 3.
- 9. Install:
- brake fluid reservoir diaphragm
- brake fluid reservoir diaphragm holder
- brake fluid reservoir cap
- brake fluid reservoir cover

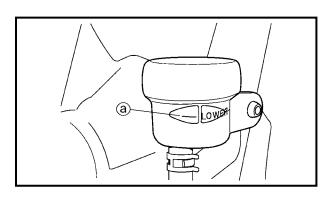
10.Check:

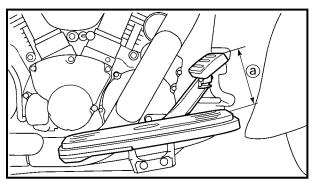
- brake fluid level Below the minimum level mark ⓐ → Add the recommended brake fluid to the proper level.
 Refer to "CHECKING THE BRAKE FLUID LEVEL" in chapter 3.
- 11.Adjust:
- brake pedal position (a) Refer to "ADJUSTING THE REAR BRAKE" in chapter 3.



12.Adjust:

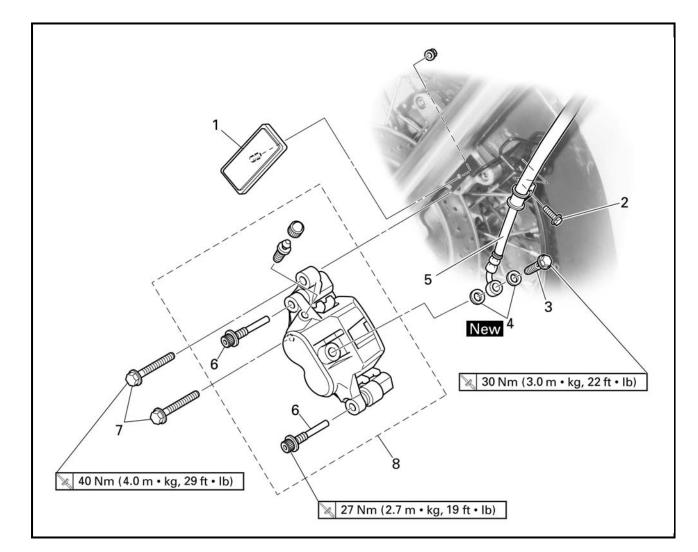
 rear brake light operation timing Refer to "ADJUSTING THE REAR BRAKE LIGHT SWITCH" in chapter 3.







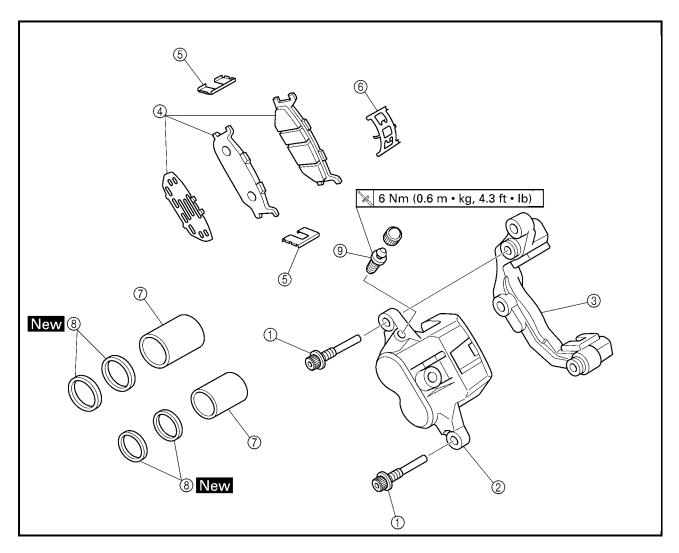
FRONT BRAKE CALIPERS



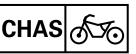
Order	Job/Part	Q'ty	Remarks
	Removing the front brake calipers		Remove the parts in the order listed.
			The following procedure applies to
			both of the front brake calipers.
	Brake fluid		Drain.
1	Reflector	1	
2	Brake hose holder bolt	1	
3	Union bolt	1	
4	Copper washer	2	
5	Brake hose	1	
6	Retaining bolt	2	Loosen.
7	Brake caliper bolt	2	
8	Brake caliper	1	
			For installation, reverse the removal
			procedure.

EAS00615

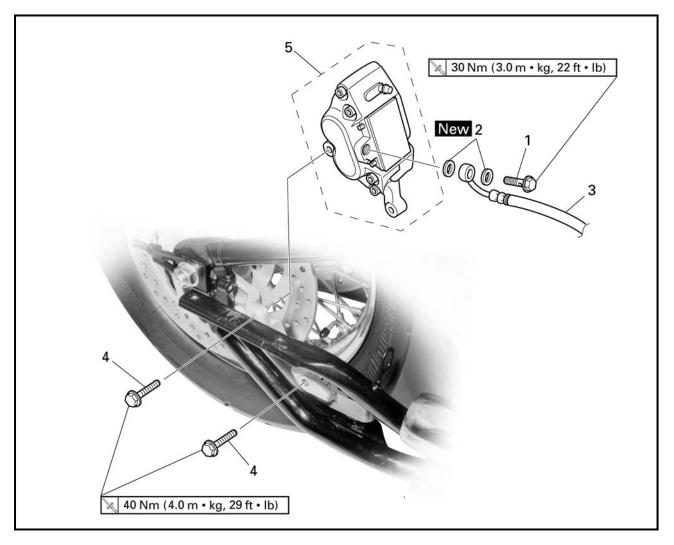




Order	Job/Part	Q'ty	Remarks
	Disassembling the front brake cali-		Remove the parts in the order listed.
	pers		
			The following procedure applies to
			both of the front brake calipers.
1	Retaining bolt	2	
2	Brake caliper	1	
3	Brake caliper bracket	2	
(4)	Brake pad	2	
5	Brake pad spring	2	
6	Brake pad spring	1	
7	Brake caliper piston	2	
8	Brake caliper piston seal	4	
9	Bleed screw	1	
			For assembly, reverse the disassembly
			procedure.

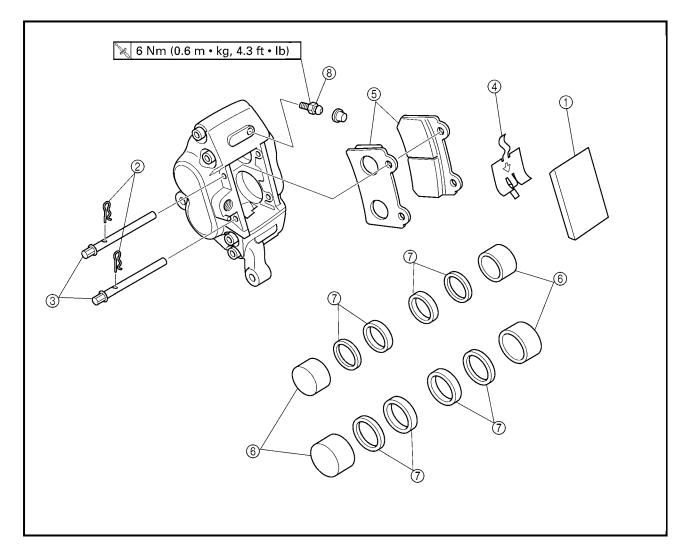


REAR BRAKE CALIPER



Order	Job/Part	Q'ty	Remarks
	Removing the rear brake caliper		Remove the parts in the order listed.
	Muffler		Refer to "REAR WHEEL, BRAKE DISC AND REAR WHEEL PULLEY".
	Brake fluid		Drain.
1	Union bolt	1	
2	Copper washer	2	
3	Brake hose	1	
4	Brake caliper bolt	2	
5	Brake caliper	1	
			For installation, reverse the removal procedure.

EAS00617



Order	Job/Part	Q'ty	Remarks
	Disassembling the rear brake caliper		Remove the parts in the order listed.
1	Brake pad cover	1	
2	Brake pad clip	2	
3	Brake pad pin	2	
(4)	Brake pad spring	1	
5	Brake pad	2	
6	Brake caliper piston	4	
\overline{O}	Brake caliper piston seal	8	
8	Bleed screw	1	
			For assembly, reverse the disassembly
			procedure.



EAS00624 DISASSEMBLING THE FRONT BRAKE CALIPERS

The following procedure applies to both of the brake calipers.

NOTE: _

Before disassembling either brake caliper, drain the brake fluid from the entire brake system.

- 1. Remove:
- union bolt ①
- copper washers ②
- brake hose ③

NOTE: ____

Put the end of the brake hose into a container and pump out the brake fluid carefully.

- 2. Remove:
- brake caliper pistons
- brake caliper piston seals
- a. Blow compressed air into the brake hose joint opening (a) to force out the pistons from the brake caliper.

A WARNING

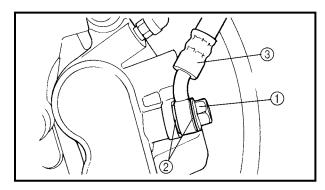
- Cover the brake caliper pistons with a rag. Be careful not to get injured when the pistons are expelled from the brake caliper.
- Never try to pry out the brake caliper pistons.

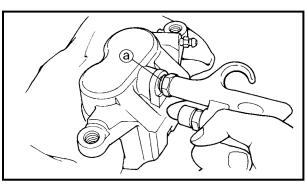
b. Remove the brake caliper piston seals.

DISASSEMBLING THE REAR BRAKE CALIPER

NOTE: _

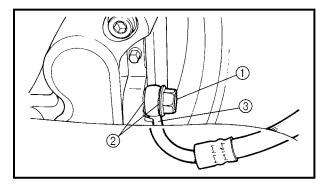
Before disassembling the brake caliper, drain the brake fluid from the entire brake system.

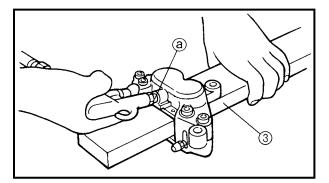


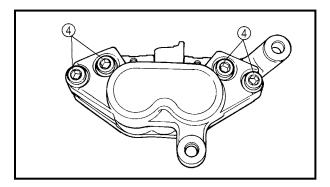


FRONT AND REAR BRAKES









- 1. Remove:
- union bolt ①
- copper washers ②
- brake hose ③

NOTE: _

Put the end of the brake hose into a container and pump out the brake fluid carefully.

- 2. Remove:
- brake caliper pistons ①
- brake caliper piston seals (2)

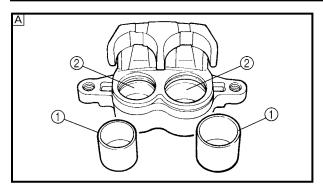
- a. Secure the right side brake caliper piston with a peace of wood ③.
- b. Blow compressed air into the brake hose joint opening (a) to force out the left side pistons from the brake caliper.

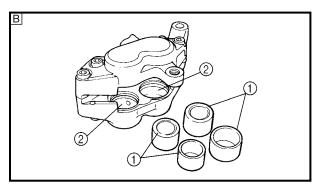
A WARNING

- Never try to pry out the brake caliper pistons.
- Do not loosen the bolts ④.
- c. Remove the brake caliper piston seals.
- d. Repeat the previous steps to force out the right side piston from the brake caliper.

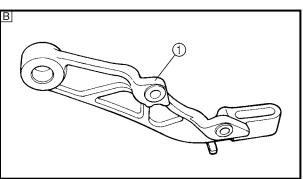
CHECKING THE FRONT AND REAR BRAKE CALIPERS

Recommended brake component replace- ment schedule		
Brake pads If necessary		
Piston seals	Every two years	
Brake hoses	Every two years	
Brake fluid	Every two years and whenever the brake is disassem- bled	





A



- 1. Check:
- brake caliper pistons (1) Rust/scratches/wear \rightarrow Replace the brake caliper.

- brake caliper cylinders ② Scratches/wear \rightarrow Replace the brake caliper.
- brake calipers Cracks/damage \rightarrow Replace.
- brake fluid delivery passages (brake caliper body) Obstruction \rightarrow Blow out with compressed air.

A WARNING

Whenever a brake caliper is disassembled, replace the brake caliper piston seals.

A Front BRear

- 2. Check:
- brake caliper brackets (1) Cracks/damage \rightarrow Replace.

AFront BRear

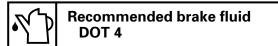
EAS00638 **ASSEMBLING AND INSTALLING THE FRONT BRAKE CALIPERS**

The following procedure applies to both of the brake calipers.

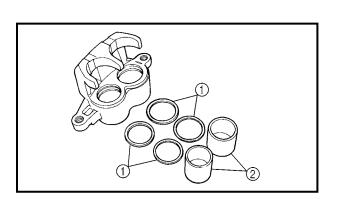
· Before installation, all internal brake components should be cleaned and lubricated with clean or new brake fluid.

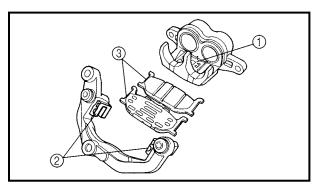


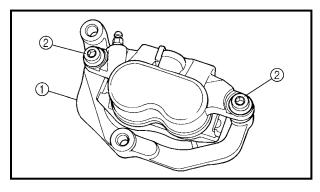
- Never use solvents on internal brake components as they will cause the piston seals to swell and distort.
- Whenever a brake caliper is disassembled, replace the brake caliper piston seals.

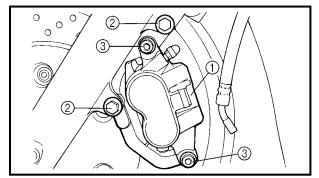


- 1. Install:
- bleed screw
- brake caliper piston seals () New
- brake caliper pistons ②









- 2. Install:
- brake pad spring ①
- brake pad springs ②
- brake pads ③

NOTE: _

Install the brake pad with the attached brake pad shim on the brake caliper piston side.

- 3. Install:
- brake caliper bracket ①
- retaining bolts ②

NOTE: _

Temporarily tighten the retaining bolts.

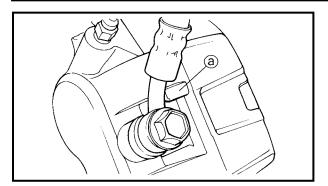
- 4. Install:
- brake caliper ①
- brake caliper bolts ②

🍾 40 Nm (4.0 m · kg, 29 ft · lb)

- 5. Tighten:
- retaining bolts ③

🍾 27 Nm (2.7 m · kg, 19 ft · lb)





- 6. Install:
- copper washers New
- brake hose
- union bolt 🛛 🔌 30 Nm (3.0 m · kg, 22 ft · lb)

CHAS

Proper brake hose routing is essential to insure safe motorcycle operation. Refer to "CABLE ROUTING".

CAUTION

When installing the brake hose onto the brake caliper, make sure the brake pipe touches the projection (a) on the brake caliper.

- 7. Fill:
- brake master cylinder reservoir (with the specified amount of the recommended brake fluid)



Recommended brake fluid DOT 4

A WARNING

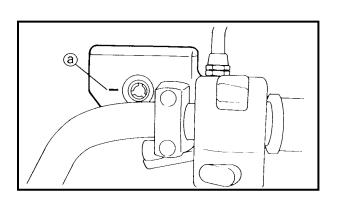
- Use only the designated brake fluid. Other brake fluids may cause the rubber seals to deteriorate, causing leakage and poor brake performance.
- Refill with the same type of brake fluid that is already in the system. Mixing brake fluids may result in a harmful chemical reaction, leading to poor brake performance.
- When refilling, be careful that water does not enter the brake master cylinder reservoir. Water will significantly lower the boiling point of the brake fluid and could cause vapor lock.

CAUTION:

Brake fluid may damage painted surfaces and plastic parts. Therefore, always clean up any spilt brake fluid immediately. FRONT AND REAR BRAKES



- 8. Bleed:
- brake system Refer to "BLEEDING THE HYDRAULIC BRAKE SYSTEM" in chapter 3.



- 9. Check:
- brake fluid level

LEVEL" in chapter 3.

Below the minimum level mark (a) \rightarrow Add the recommended brake fluid to the proper level. Refer to "CHECKING THE BRAKE FLUID

10.Check:

 brake lever operation Soft or spongy feeling \rightarrow Bleed the brake system.

Refer to "BLEEDING THE HYDRAULIC BRAKE SYSTEM" in chapter 3.

EAS00642

ASSEMBLING AND INSTALLING THE REAR BRAKE CALIPER

A WARNING

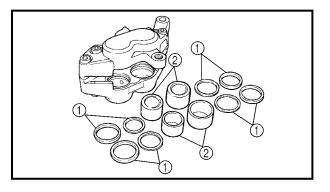
- · Before installation, all internal brake components should be cleaned and lubricated with clean or new brake fluid.
- Never use solvents on internal brake components as they will cause the piston seals to swell and distort.
- · Whenever a brake caliper is disassembled, replace the brake caliper piston seals.

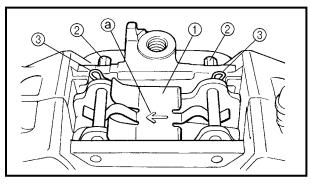
Recommended brake fluid DOT 4

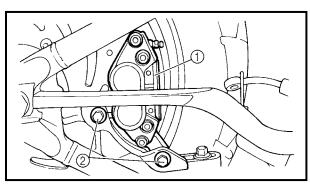


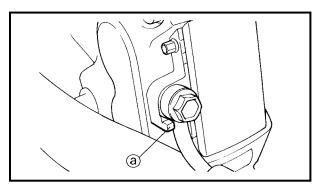
FRONT AND REAR BRAKES











- 1. Install:
- bleed screw
- brake caliper piston seals
 New
- brake caliper pistons ②

- 2. Install:
- brake pads
- brake pad spring
- brake pad pins (2)
- brake pad clips ③

NOTE: _

The arrow (a) on the brake pad spring must point in the direction of disc rotation.

- 3. Install:
- brake pad cover
- 4. Install:
- brake caliper ①
- brake caliper bolts 2

🎉 40 Nm (4.0 m · kg, 29 ft · lb)

- 5. Install:
- copper washers New
- brake hose
- union bolt 🛛 🔌 30 Nm (3.0 m · kg, 22 ft · lb)

A WARNING

Proper brake hose routing is essential to insure safe motorcycle operation. Refer to "CABLE ROUTING".

CAUTION:

When installing the brake hose onto the brake caliper, make sure the brake pipe touches the projection (a) on the brake caliper.