

12 FRONT WHEEL/SUSPENSION/STEERING

Product: 1995-1996 Honda CBR600F3 Motorcycle Service Repair Workshop Manual

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SERVICE INFORMATION

GENERAL

⚠ WARNING

- A contaminated brake disc or pad reduces stopping power. Discard contaminated pads and clean contaminated discs with a high quality brake degreasing agent.

CAUTION

- Do not support the motorcycle using the oil cooler.

- When servicing the front wheel, support the motorcycle using a safety stand or hoist.
- Refer to Section 14 for brake system information.
- Tubeless tire removal, repair, and remounting procedures are covered in Section 16 of the Common Service Manual.
- Use only tires marked "TUBELESS" and tubeless valves on rims marked "TUBELESS TIRE APPLICABLE".

SPECIFICATIONS

Unit: mm (in)

ITEM		STANDARD	SERVICE LIMIT
Minimum tire tread depth		—	1.5 (0.06)
Cold tire pressure	Up to 90 kg (200 lb) load	36 psi (2.50 kg/cm ² , 250 kPa)	—
	Up to maximum weight capacity	36 psi (2.50 kg/cm ² , 250 kPa)	—
Axle runout		—	0.2 (0.01)
Wheel rim runout	Radial	—	2.0 (0.08)
	Axial	—	2.0 (0.08)
Wheel balance weight		—	60 g (2.1 oz) max.
Fork spring free length		317.9 (12.5)	311.5 (12.3)
Fork spring direction		With tightly wound coil facing down	—
Fork tube runout		—	0.2 (0.008)
Recommended fork fluid		Pro Honda Suspension fluid SS-8	—
Fork fluid level		117 (4.61)	—
Fork fluid capacity		463 cc (15.7 US oz, 16.3 Imp oz)	—
Spring pre-load adjuster standard position		3rd groove	—
Rebound adjuster standard position		7 clicks out from full in	—
Steering stem bearing pre-load		0.15 – 0.20 kg-m (1.1 – 1.4 lb-ft)	—

12

Sample manual. Download All pages at:

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HANDLEBARS

RIGHT HANDLEBAR REMOVALS

Disconnect the front brake switch connectors.

NOTE

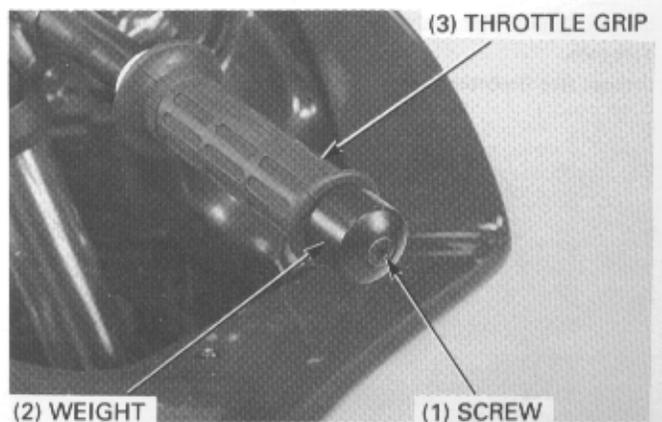
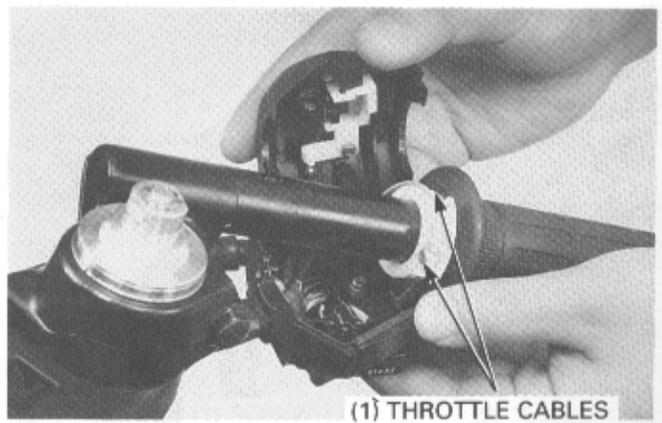
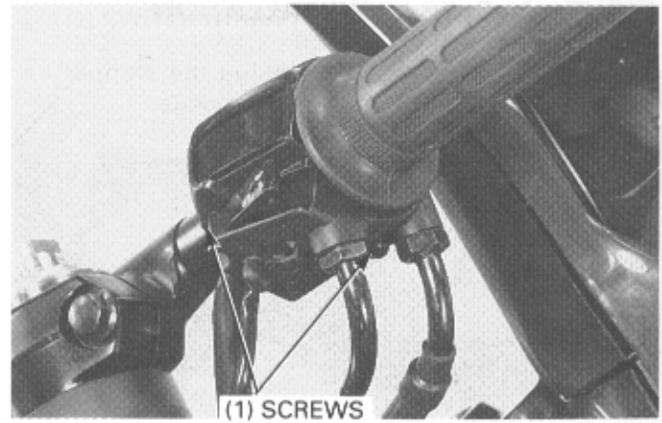
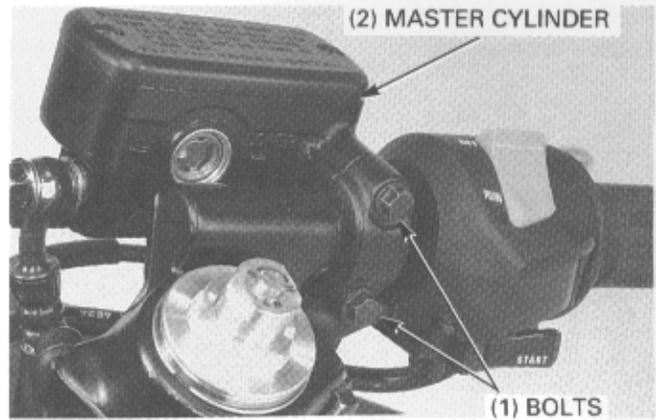
- Keep the master cylinder upright to prevent air from entering the hydraulic system.

Remove the two bolts, master cylinder holder and master cylinder from the handlebar.

Remove the two attaching screws and the right handlebar switch housing from the handlebar.

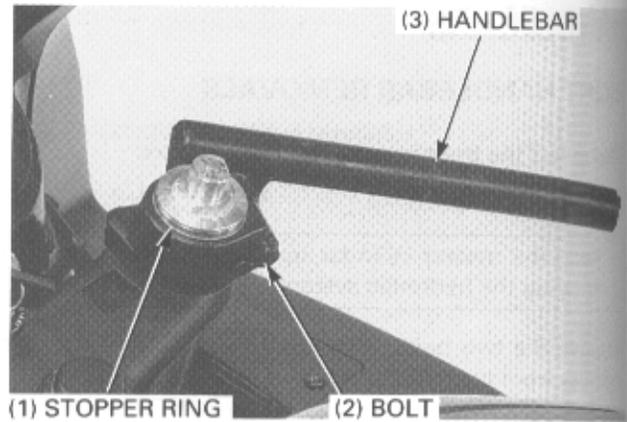
Disconnect the throttle cables from throttle grip flange.

Remove the screw, handlebar weight and throttle grip.



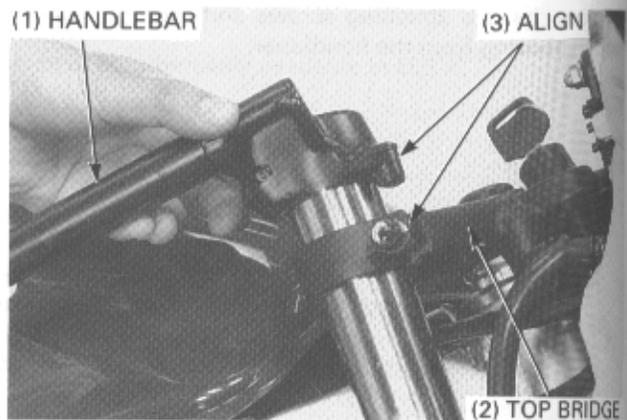
FRONT WHEEL/SUSPENSION/STEERING

Remove the stopper ring.
Loosen the handlebar pinch bolt and remove the handlebar.



RIGHT HANDLEBAR INSTALLATION

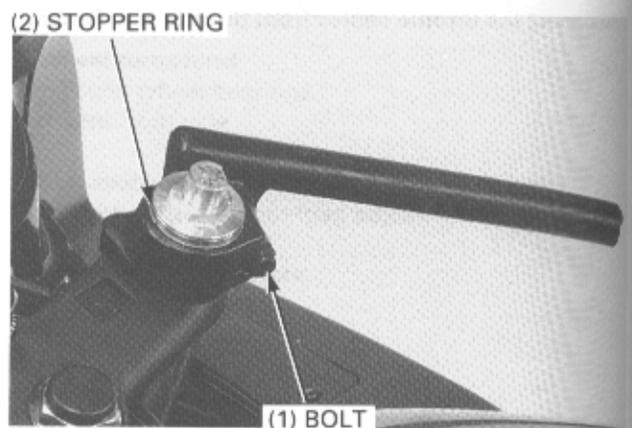
Install the right handlebar aligning the stopper on the handlebar with the groove in the top bridge.



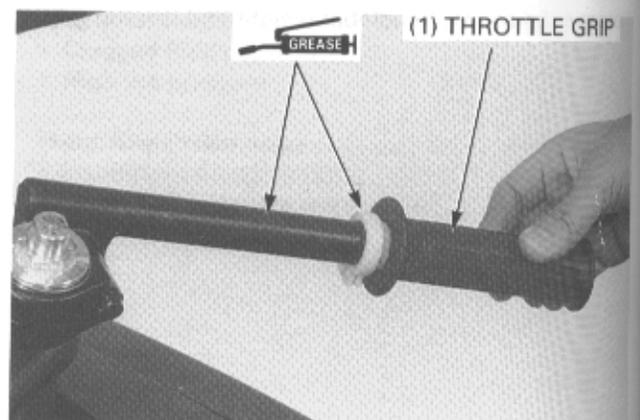
Tighten the handlebar pinch bolt.

Torque: 27 N·m (2.7 kg·m, 20 lb·ft)

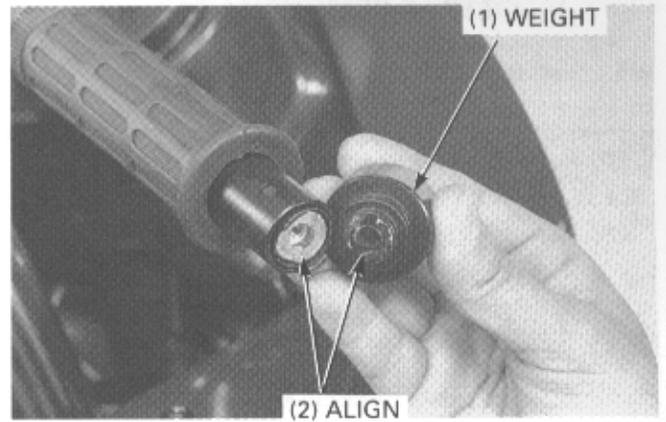
Install the stopper ring into the fork groove.



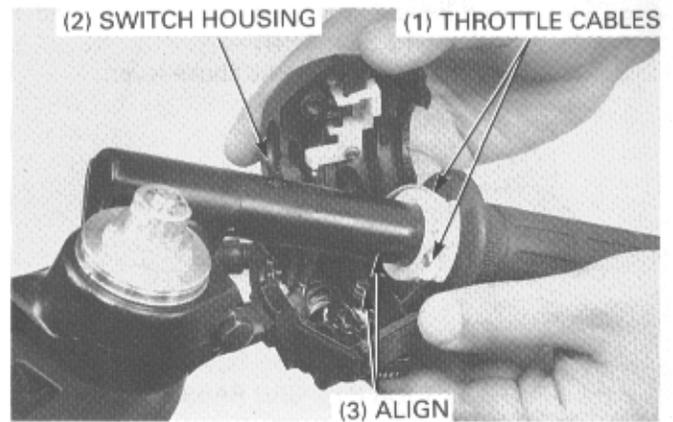
Apply grease to the throttle grip inner surface and flange groove.
Install the throttle grip.



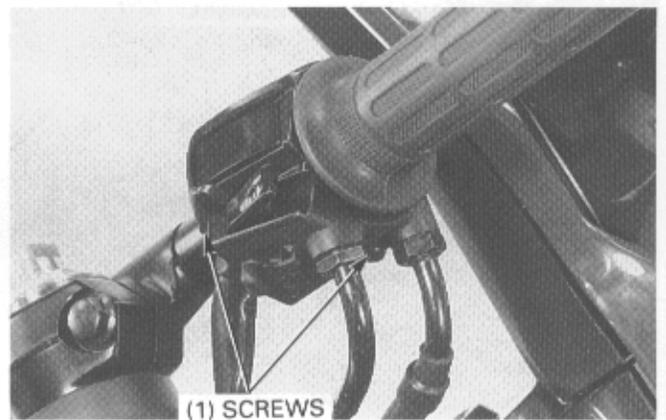
Install the handlebar weight aligning its boss with the handlebar.
Clean and apply a locking agent to the screw threads.
Tighten the screw.



Connect the throttle cables to the throttle grip flange.
Install the handlebar switch housing onto the handlebar, aligning the locating pin with the hole in the handlebar.



Install the attaching screws and tighten the front screw first, then tighten the rear screw.

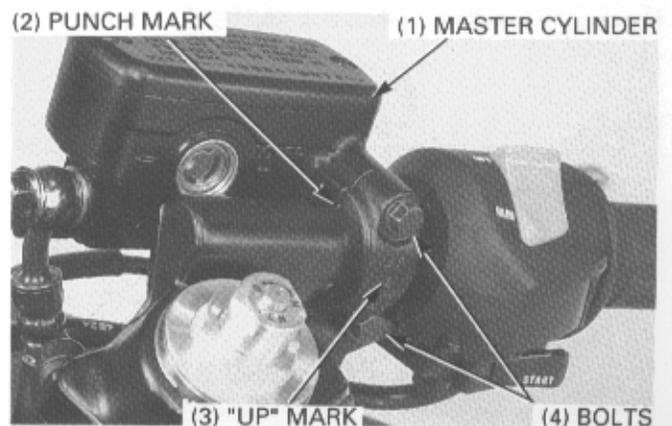


Install the master cylinder and holder with the "UP" mark facing up.
Align the end of the master cylinder with the punch mark on the handlebar and tighten the upper bolt first, then tighten the lower bolt.

Touque: 12 N•m (1.2 kg-m, 9 lb-ft)

Connect the front brake switch connectors.

Check the throttle grip free play (page 3-4).

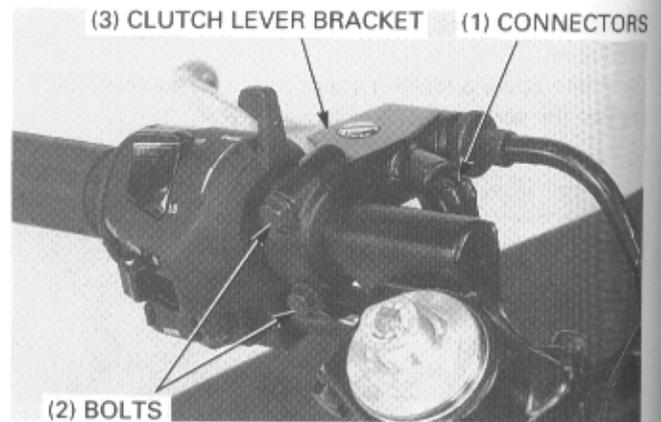


FRONT WHEEL/SUSPENSION/STEERING

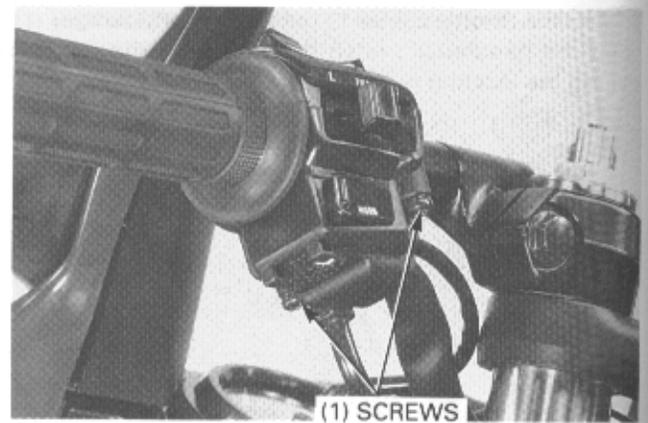
LEFT HANDLEBAR REMOVAL

Disconnect the clutch switch connectors.

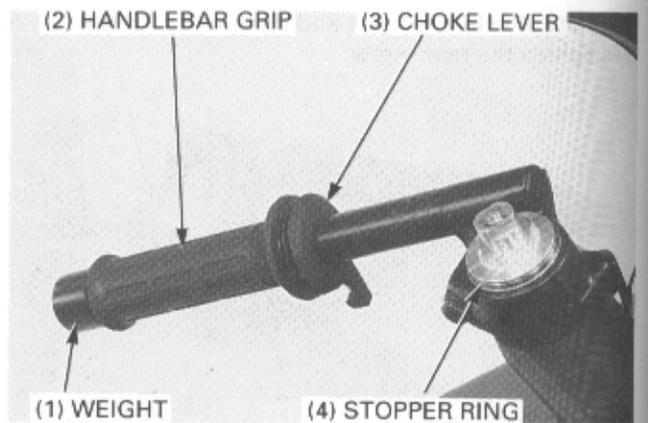
Remove the two bolts, clutch lever bracket holder and clutch lever bracket from the handlebar.



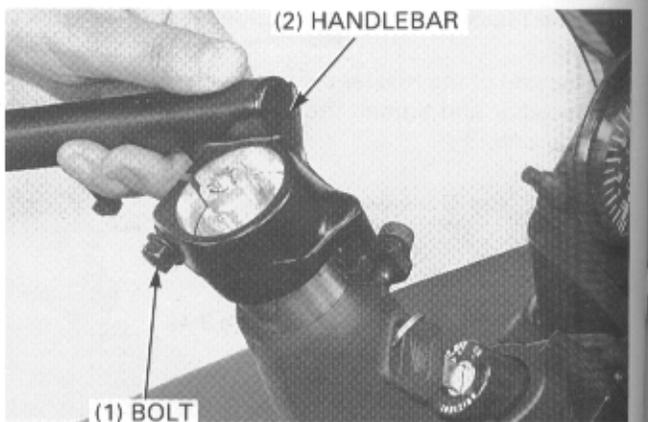
Remove the two attaching screws and the left handlebar switch housing from the handlebar.
Disconnect the choke cable from the choke lever.



Remove the screw and handlebar weight.
Remove the left handlebar grip and choke lever from the handlebar.
Remove the stopper ring.

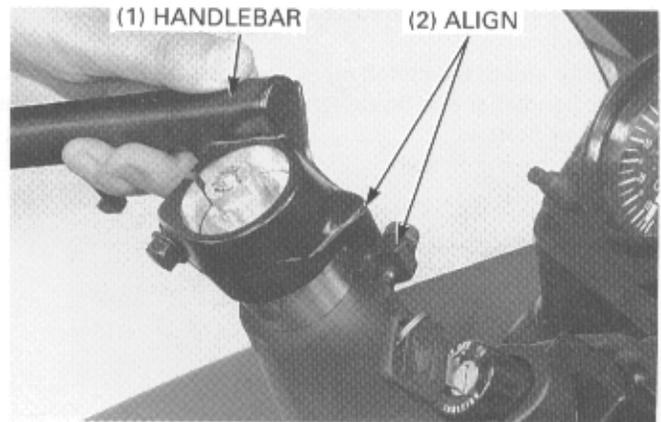


Loosen the handlebar pinch bolt and remove the handlebar.



LEFT HANDLEBAR INSTALLATION

Install the left handlebar aligning the stopper on the handlebar with the groove in the top bridge.



Tighten the handlebar pinch bolt.

Torque: 27 N·m (2.7 kg-m, 20 lb-ft)

Install the stopper ring into the fork groove.

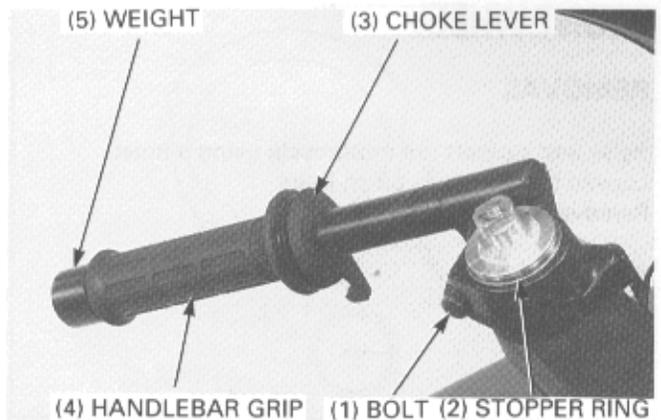
Install the choke lever onto the handlebar.

Clean the inside surface of the left handlebar grip and the outside surface of the left handlebar.

Apply Honda Bond A or Honda Grip Cement (U.S.A. only) to the inside surface of the left handlebar grip and the outside surface of the left handlebar.

Wait 3 - 5 minutes and install the grip.

Rotate the grip for even application of the adhesive.



NOTE

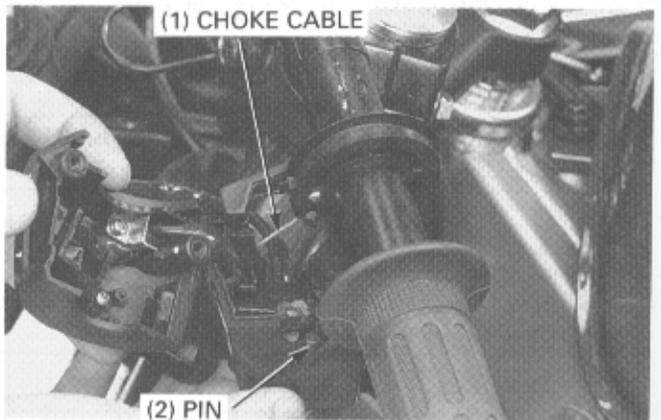
- Allow the adhesive to dry for an hour before using.

Install the handlebar weight aligning its boss with the handlebar.

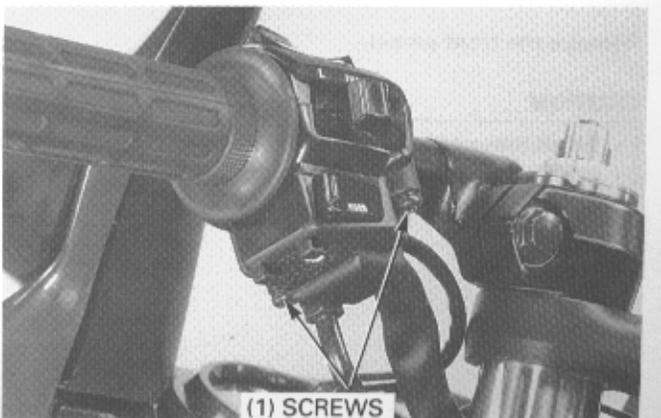
Clean and apply a locking agent to the screw threads. Tighten the screw.

Connect the choke cable to the choke lever.

Install the handlebar switch housing onto the handlebar, aligning the locating pin with the hole in the handlebar.



Install the attaching screws and tighten the front screw first, then tighten the rear screw.

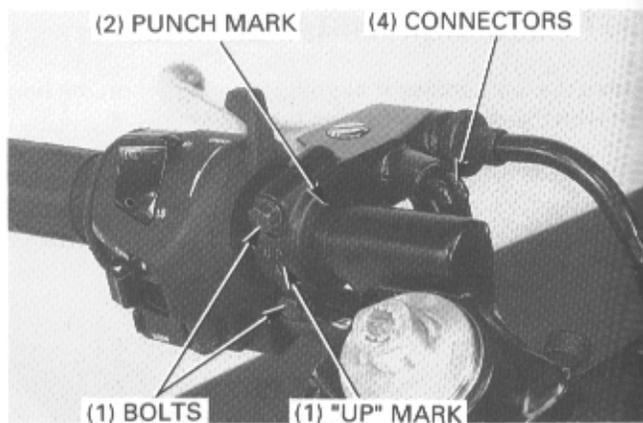


FRONT WHEEL/SUSPENSION/STEERING

Install the clutch lever bracket and holder with the "UP" mark facing up.

Align the end of the clutch lever bracket with the punch mark on the handlebar and tighten the upper bolt first, then tighten the lower bolt.

Connect the clutch switch connectors.



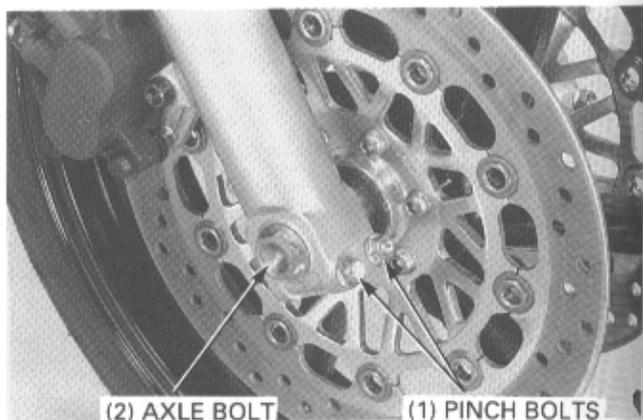
FRONT WHEEL

REMOVAL

Raise and support the motorcycle using a hoist.

Loosen the right axle pinch bolts.

Remove the axle bolt.



Remove the left brake caliper bracket bolts and the left caliper.

CAUTION

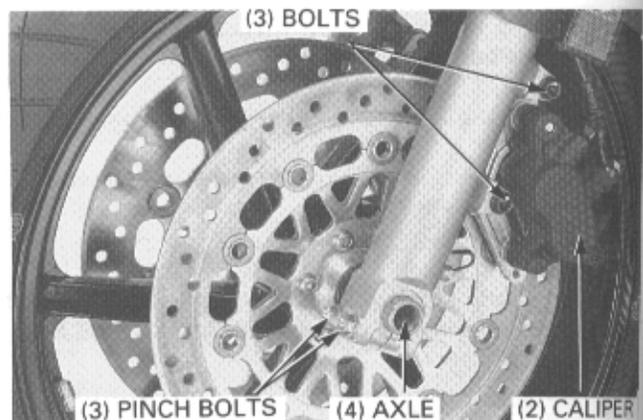
- Do not suspend the brake caliper from the brake hose. Do not twist the brake hose.

NOTE

- Do not operate the front brake lever after removing the caliper and front wheel. To do so will cause difficulty in fitting the brake disc between the brake pads.

Loosen the left axle pinch bolts.

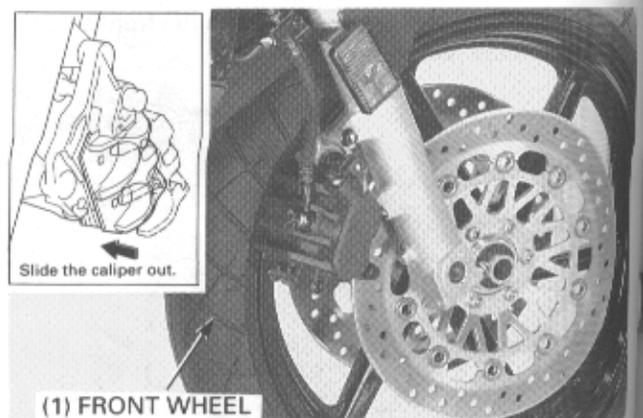
Pull the axle out.



Remove the front wheel.

CAUTION

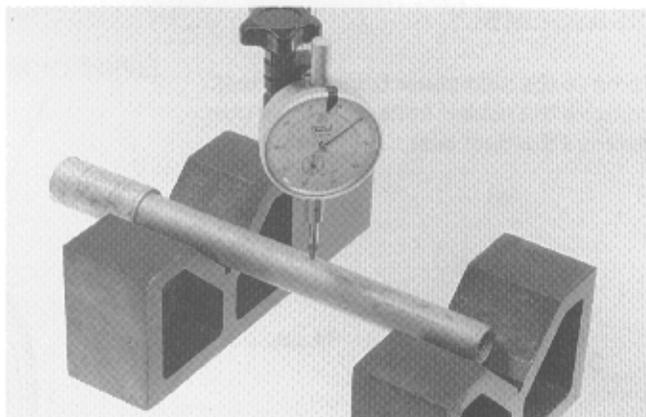
- When removing the wheel, slide the right brake caliper out so that the wheel rim clears.



INSPECTION**AXLE**

Place the axle in V-blocks and measure the runout. Actual runout is 1/2 the total indicator reading.

Service limit: 0.20 mm (0.008 in)

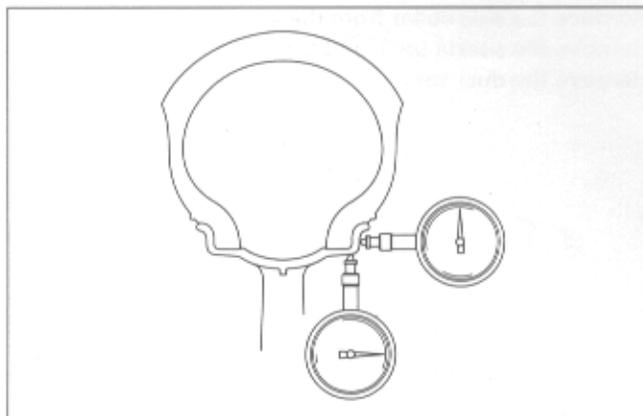
**WHEEL**

Check the rim runout by placing the wheel in a truing stand. Spin the wheel slowly and read the runout using a dial indicator.

Actual runout is 1/2 the total indicator reading.

Service limits: Radial: 2.0 mm (0.08 in)

Axial: 2.0 mm (0.08 in)

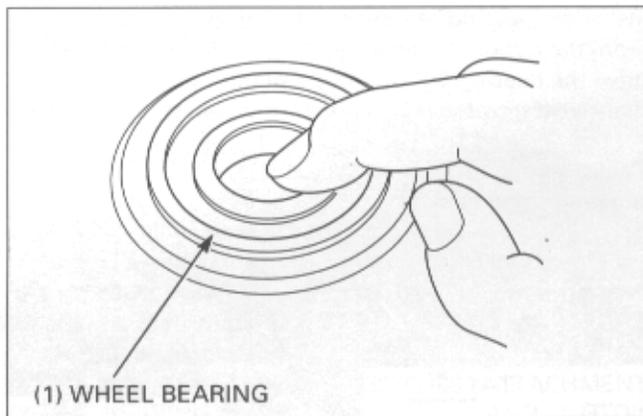
**WHEEL BEARING**

Turn the inner race of each bearing with your finger. The bearings should turn smoothly and quietly. Also check that the bearing outer race fits tightly in the hub.

Remove and discard the bearings if the races do not turn smoothly and quietly, or if they fit loosely in the hub.

NOTE

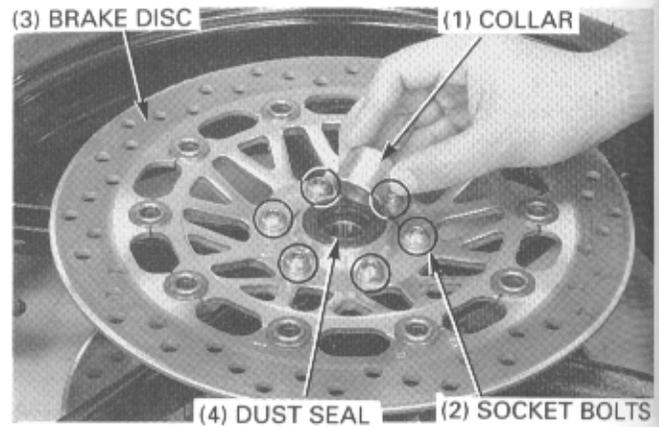
- Replace the wheel bearings in pairs.



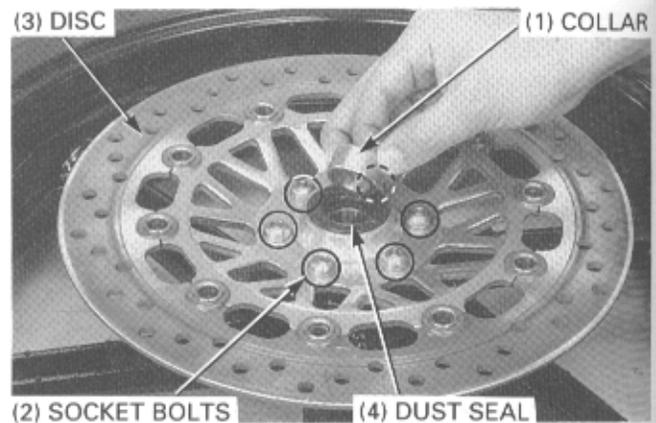
FRONT WHEEL/SUSPENSION/STEERING

DISASSEMBLY

Remove the side collar from the wheel.
Remove the socket bolts and brake disc.
Remove the dust seal.



Remove the side collar from the wheel.
Remove the socket bolts and brake disc.
Remove the dust seal.



Install the bearing remover head into the bearing.
From the opposite side install the bearing remover shaft and drive the bearing out of the wheel hub.
Remove the distance collar and drive out the other bearing.

Tools:

Bearing remover shaft

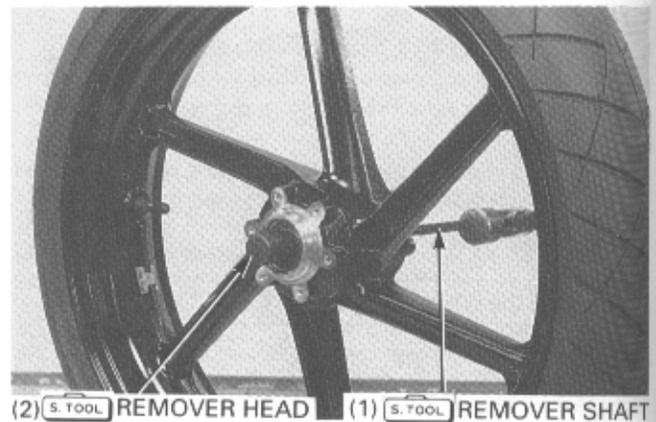
**07746 - 0050100 or
equivalent commercially
available in U.S.A.**

Bearing remover head, 20 mm

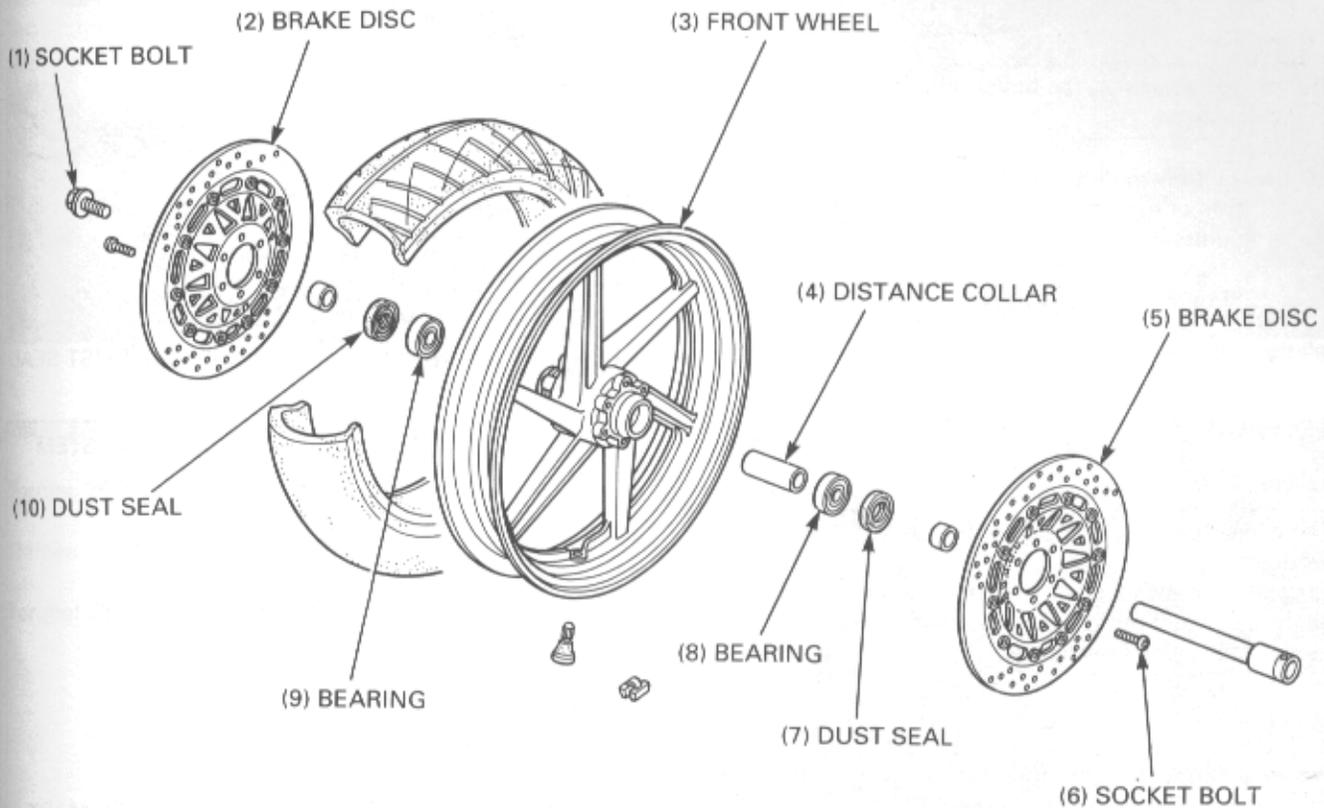
**07746 - 0050600 or
equivalent commercially
available in U.S.A.**

NOTE

- If the bearings are removed, they must be replaced with new ones.



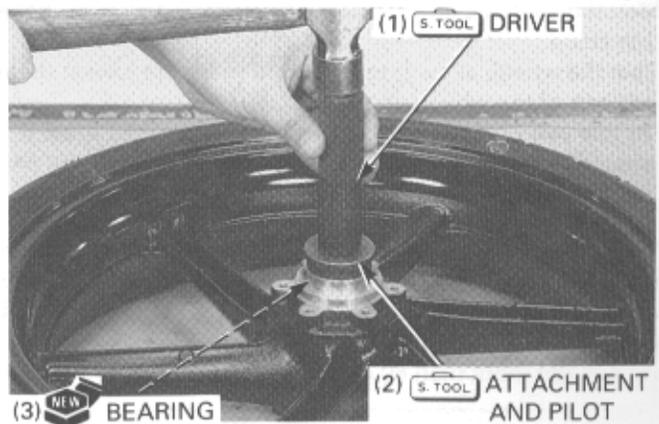
ASSEMBLY



Drive in a new right bearing squarely with the marking facing up until it is fully seated.
 Install the distance collar.
 Drive in a new left bearing squarely with the marking facing up until it is fully seated.

Tools:

Driver	07749 - 0010000
Attachment, 42 x 47 mm	07746 - 0010300
Pilot, 20 mm	07746 - 0040500



Apply grease to the new dust seal lip and install the dust seal into the left wheel hub.

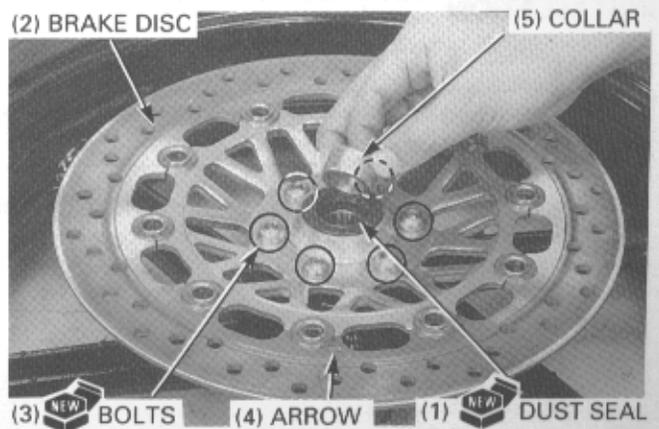
WARNING

• Do not get grease on the brake disc or stopping power will be reduced.

Install the left brake disc with the direction arrow pointing in the direction of rotation.
 Install and tighten the new socket bolts.

Torque: 20 N·m (2.0 kg-m, 14 lb-ft)

Install the left side collar.



FRONT WHEEL/SUSPENSION/STEERING

Apply grease to a new dust seal lip and install the dust seal into the right wheel hub.

⚠ WARNING

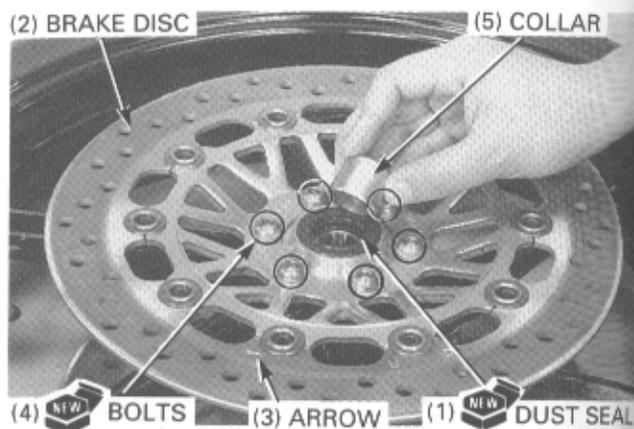
- Do not get grease on the brake disc or stopping power will be reduced.

Install the right brake disc with the direction arrow pointing in the direction of rotation.

Install and tighten the new socket bolts.

Torque: 20 N·m (2.0 kg·m, 14 lb-ft)

Install the side collar.



WHEEL BALANCE

NOTE

- The wheel balance must be checked when the tire is remounted.
- For optimum balance, the tire balance mark (a paint dot on the side wall) must be located next to the valve stem. Remount the tire if necessary.

⚠ WARNING

- Wheel balance directly affects the stability, handling and overall safety of the motorcycle. Carefully check balance before reinstalling the wheel.

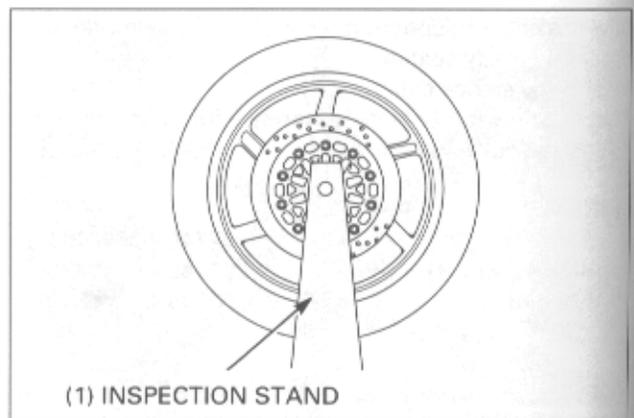
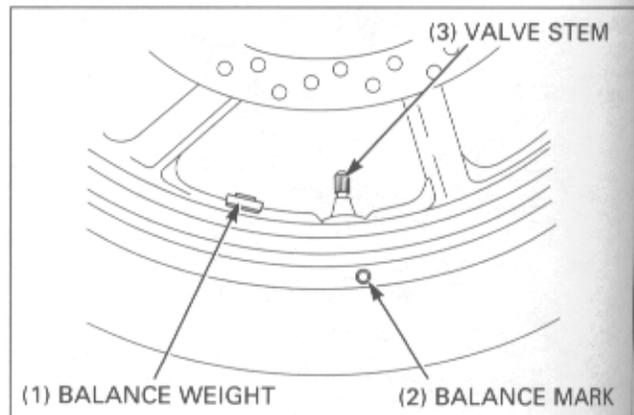
Mount the wheel, tire and brake disc assembly on an inspection stand.

Spin the wheel, allow it to stop, and mark the lowest (heaviest) part of the wheel with chalk.

Do this two or three times to verify the heaviest area. If the wheel is balanced, it will not stop consistently in the same position.

To balance the wheel, install balance weights on the lightest side of the rim, the side opposite the chalk marks. Add just enough weight so the wheel will no longer stop in the same position when it is spun.

Do not add more than 60 grams (2.1 oz) to the front wheel.

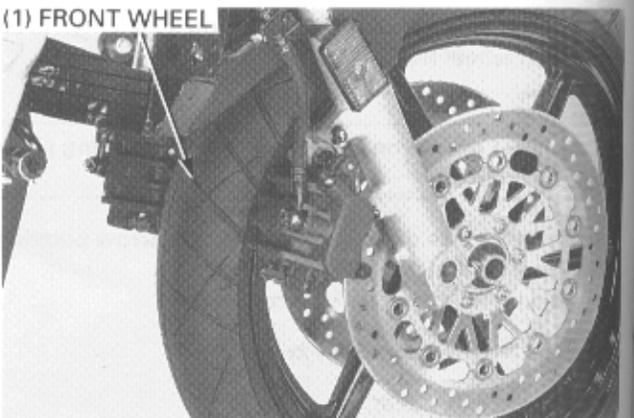


INSTALLATION

CAUTION

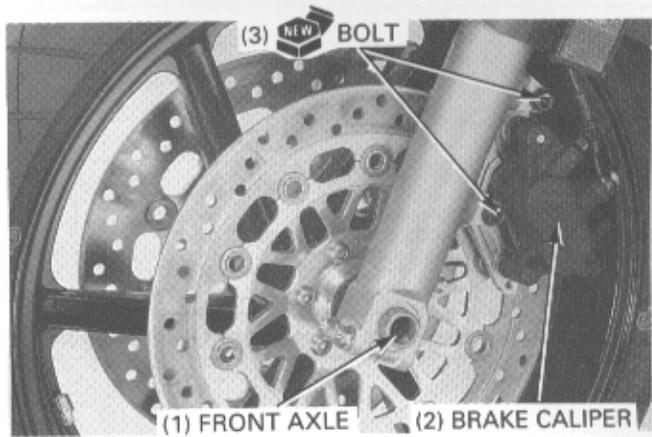
- When installing the wheel, slide the right brake caliper out so that the wheel rim clears.

Install the front wheel between the fork legs so that the brake disc is positioned between the pads, being careful not to damage the pads.



Apply a thin layer of grease to the front axle surface.
 Install the front axle.
 Install the left brake caliper and new bracket bolts.

Torque: 31 N·m (3.1 kg-m, 22 lb-ft)

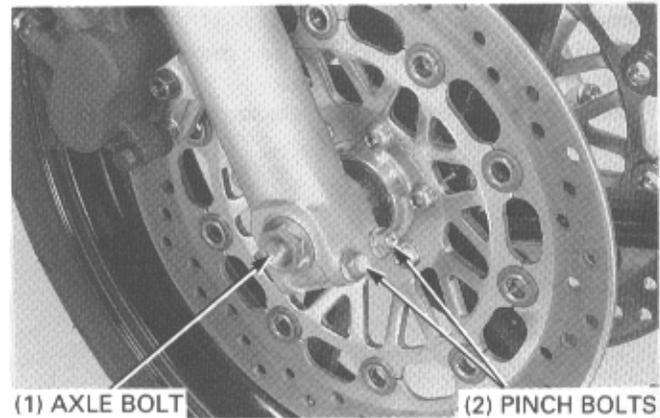


Install and tighten the axle bolt.

Torque: 60 N·m (6.0 kg-m, 43 lb-ft)

Tighten the right axle pinch bolts.

Torque: 22 N·m (2.2 kg-m, 16 lb-ft)



With the front brake applied, pump the front suspension up and down several times to seat the axle and check front brake operation.

Check the clearance between each surface of the left brake disc and left caliper bracket.

The clearance should be at least 0.7 mm (0.03 in) when measured with a feeler gauge.

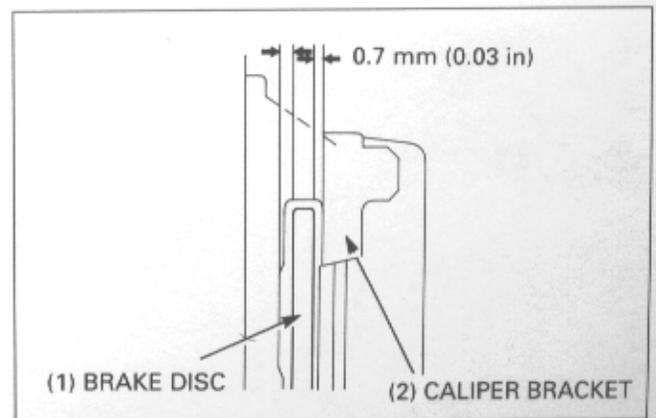
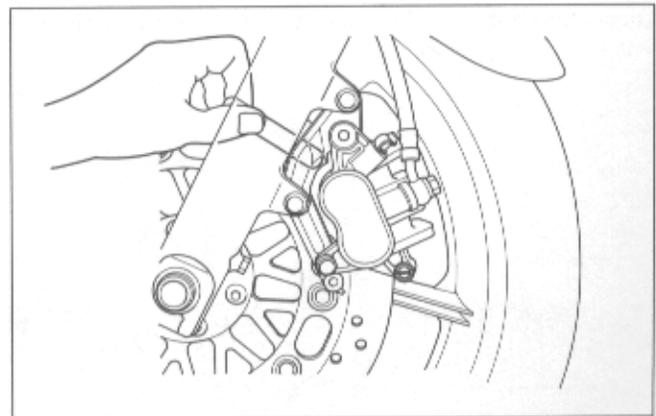
If the gauge inserts easily, tighten the left front axle pinch bolts.

Torque: 22 N·m (2.2 kg-m, 16 lb-ft)

If the feeler gauge cannot be installed easily, pull the left fork out or push it in until the gauge can be inserted.
 Tighten the left front axle pinch bolts.

Torque: 22 N·m (2.2 kg-m, 16 lb-ft)

After installing the wheel, apply the brake several times, then recheck both discs for caliper bracket-to-disc clearance.



FORK

REMOVAL

Remove the front wheel (page 12-8).

Remove the four bolts and the front fender.

CAUTION

- Do not hang the brake caliper from the brake pipe.

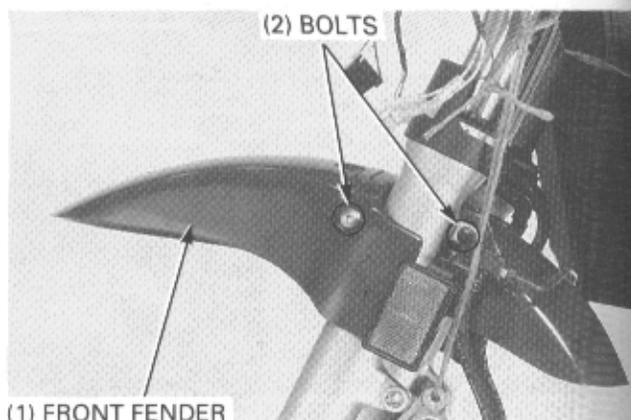
Remove the stopper ring.

Loosen the handlebar pinch bolt and remove the handlebar.

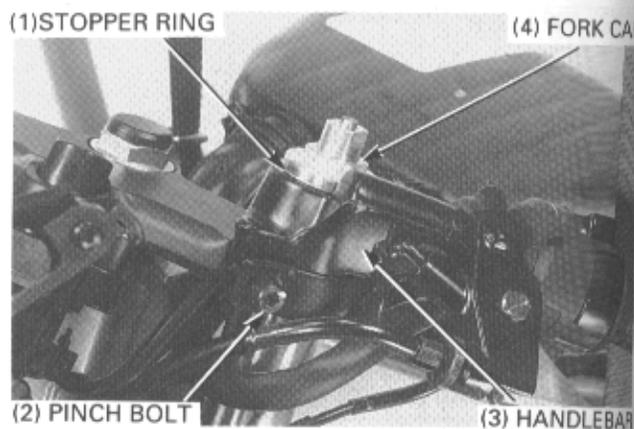
Loosen the top bridge pinch bolt.

When the fork is ready to be disassembled, loosen the fork cap, but do not remove it.

Loosen the bottom bridge pinch bolt and remove the fork.

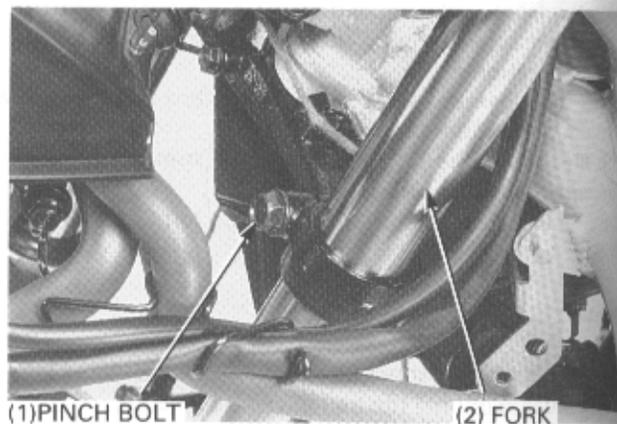


(1) FRONT FENDER



(2) PINCH BOLT

(3) HANDLEBAR



(1) PINCH BOLT

(2) FORK

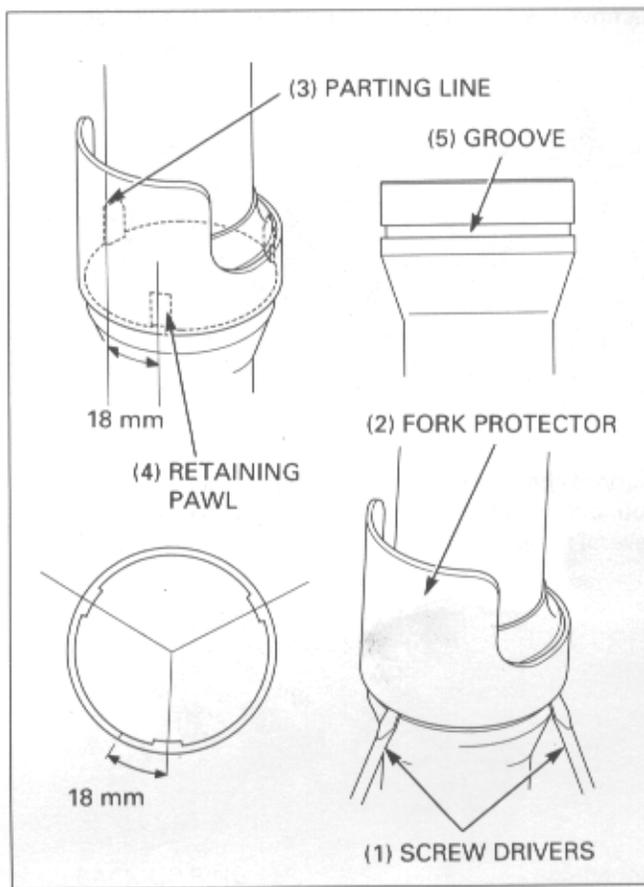
DISASSEMBLY

CAUTION

- Be careful not to scratch the fork slider or damage the dust seal.

You'll need two screwdrivers to remove the fork tube protector.

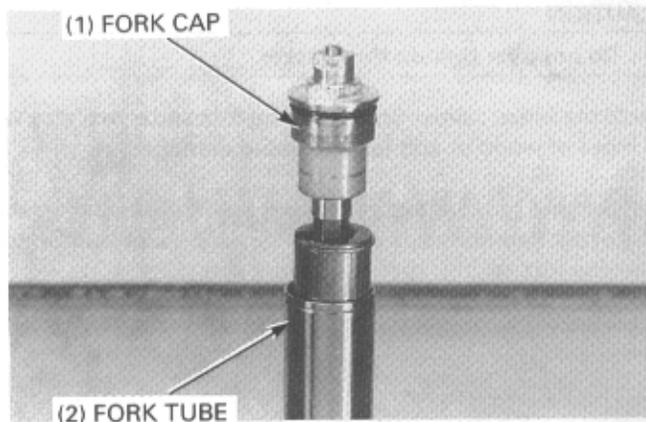
1. Insert a screwdriver between the fork tube and protector at a point where one of the three retaining pawls exists, then carefully pry up on the screwdriver placed against the groove of the fork slider.
2. Without disturbing the above setup, insert another screwdriver at any one of the two remaining pawls and pry up on the protector in the same manner.
3. Repeat the above procedure to remove the other protector from the other fork slider.



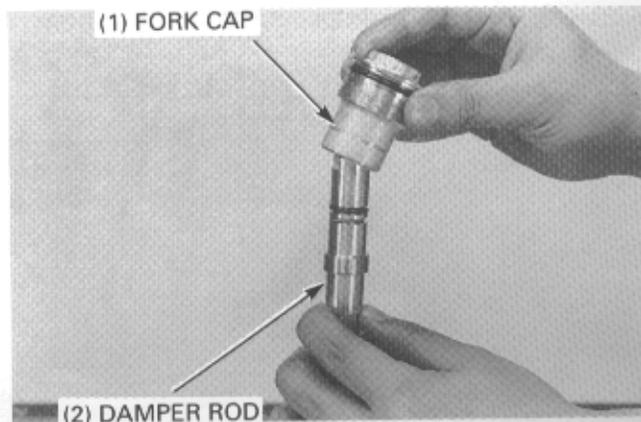
Remove the fork cap from the fork tube.

WARNING

- The fork cap is under spring pressure. Use caution when removing it.

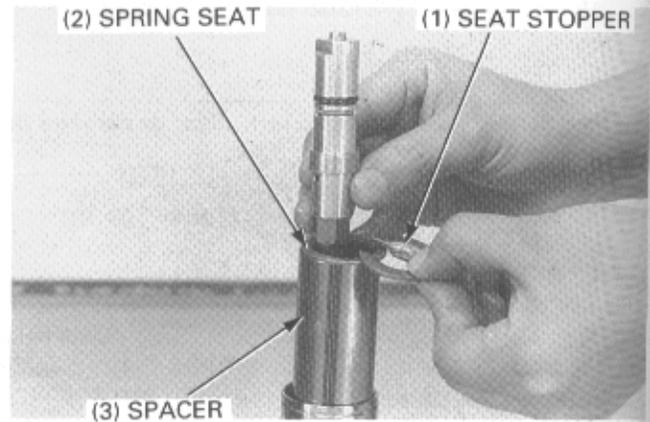


Remove the fork cap from the damper rod.

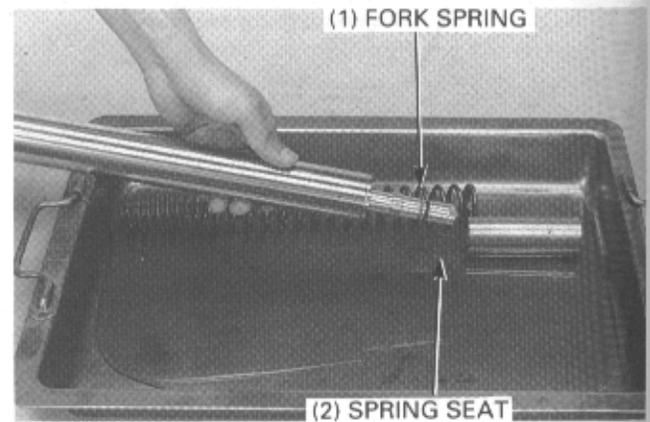


FRONT WHEEL/SUSPENSION/STEERING

Remove the seat stopper, upper spring seat and spacer.



Remove the lower spring seat and fork spring. Pour out the fork fluid by pumping the fork tube up and down several times.



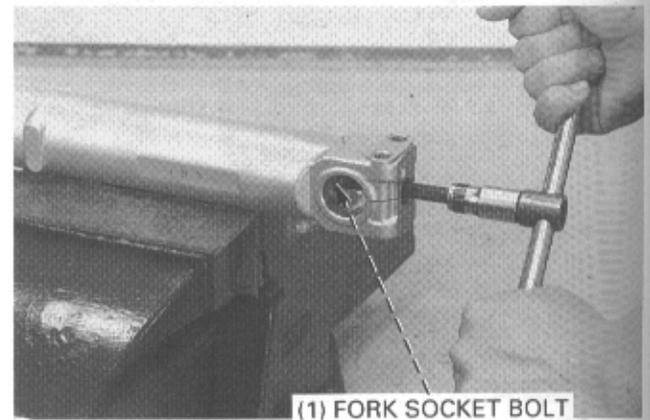
CAUTION

- Do not over tighten the bracket.

Hold the brake caliper bracket of the fork slider in a vise with a piece of wood or soft jaws to avoid damage.

Loosen and remove the fork socket bolt and sealing washer. If the fork damper turns with the socket bolt, temporarily install the fork spring, spacer and fork cap.

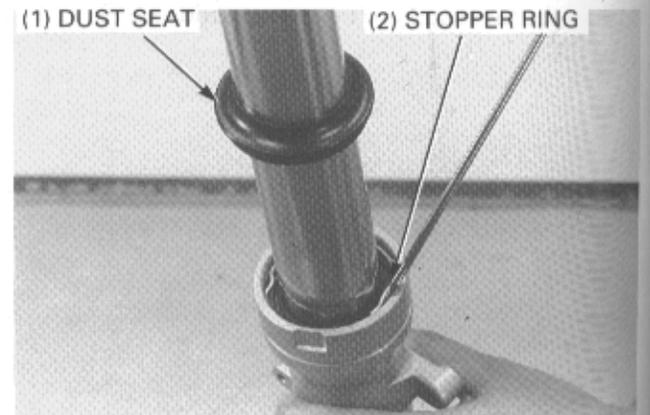
Remove the fork damper from the fork tube.



Remove the dust seal and stopper ring.

CAUTION

- Be careful not to scratch the fork tube.



NOTE

- Check that the fork tube moves smoothly in the fork slider. If it does not, check the fork tube for bending or damage, and the bushings for wear or damage.

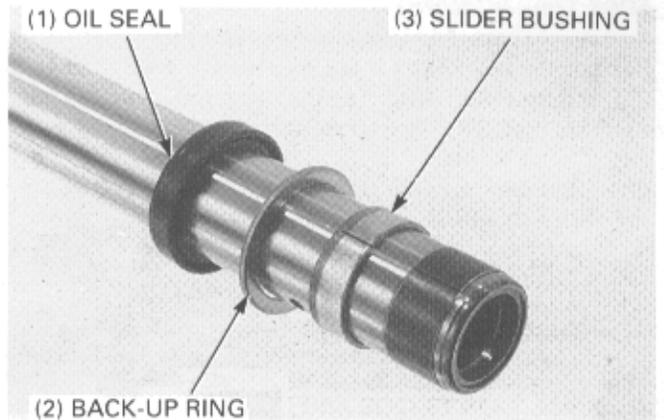
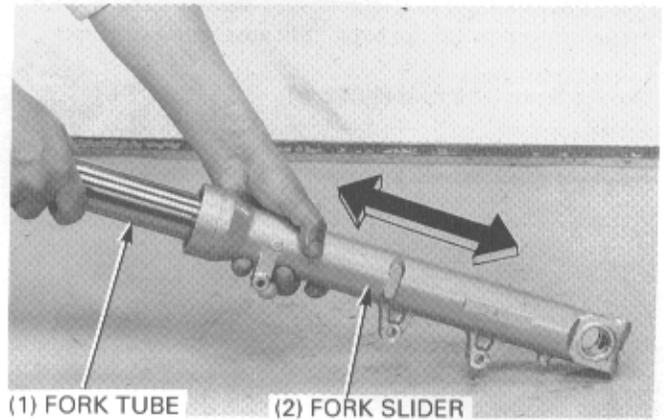
Using quick successive motions, pull the fork tube out of the fork slider.

Remove the oil lock piece from the fork slider.

Remove the oil seal, back-up ring and slider bushing from the fork tube.

NOTE

- Do not remove the fork tube bushing unless it is necessary to replace it with a new one.

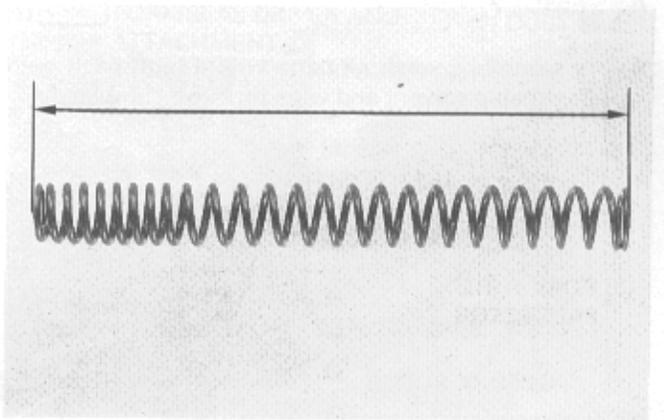


INSPECTION

FORK SPRING

Measure the fork spring free length.

Service limit: 311.5 mm (12.3 in)

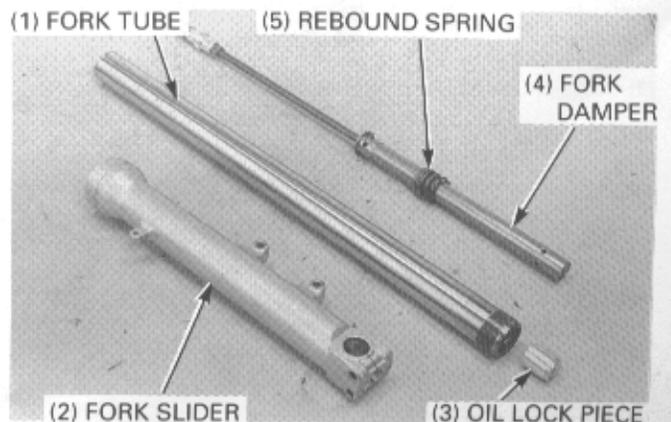


FORK TUBE/SLIDER/DAMPER

Check the fork tube, fork slider, oil lock piece and fork damper for score marks, and excessive or abnormal wear.

Check the rebound spring for fatigue or damage.

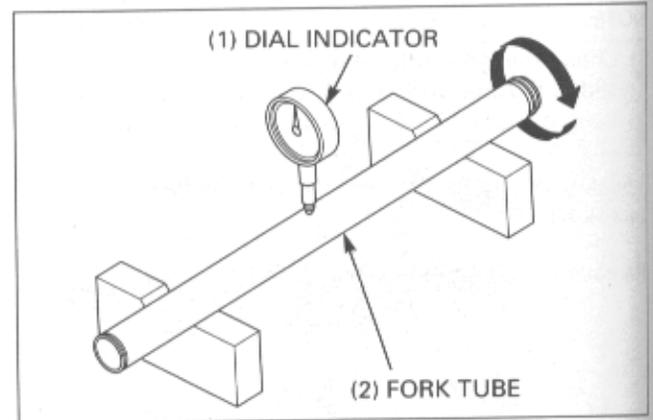
Replace the component if necessary.



FRONT WHEEL/SUSPENSION/STEERING

Place the fork tube in V-blocks and measure the runout. Actual runout is 1/2 the total indicator reading.

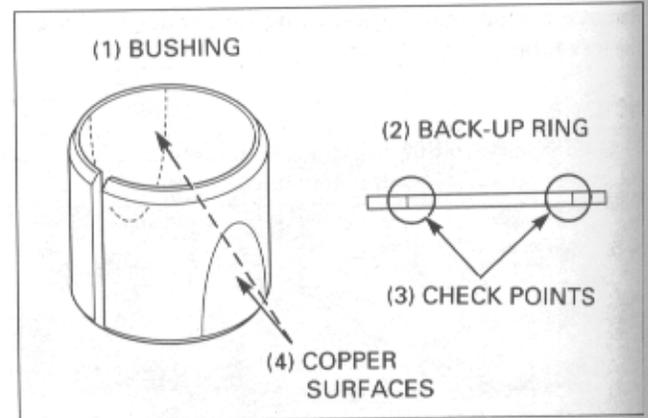
Service limit: 0.20 mm (0.008 in)



FORK TUBE BUSHING

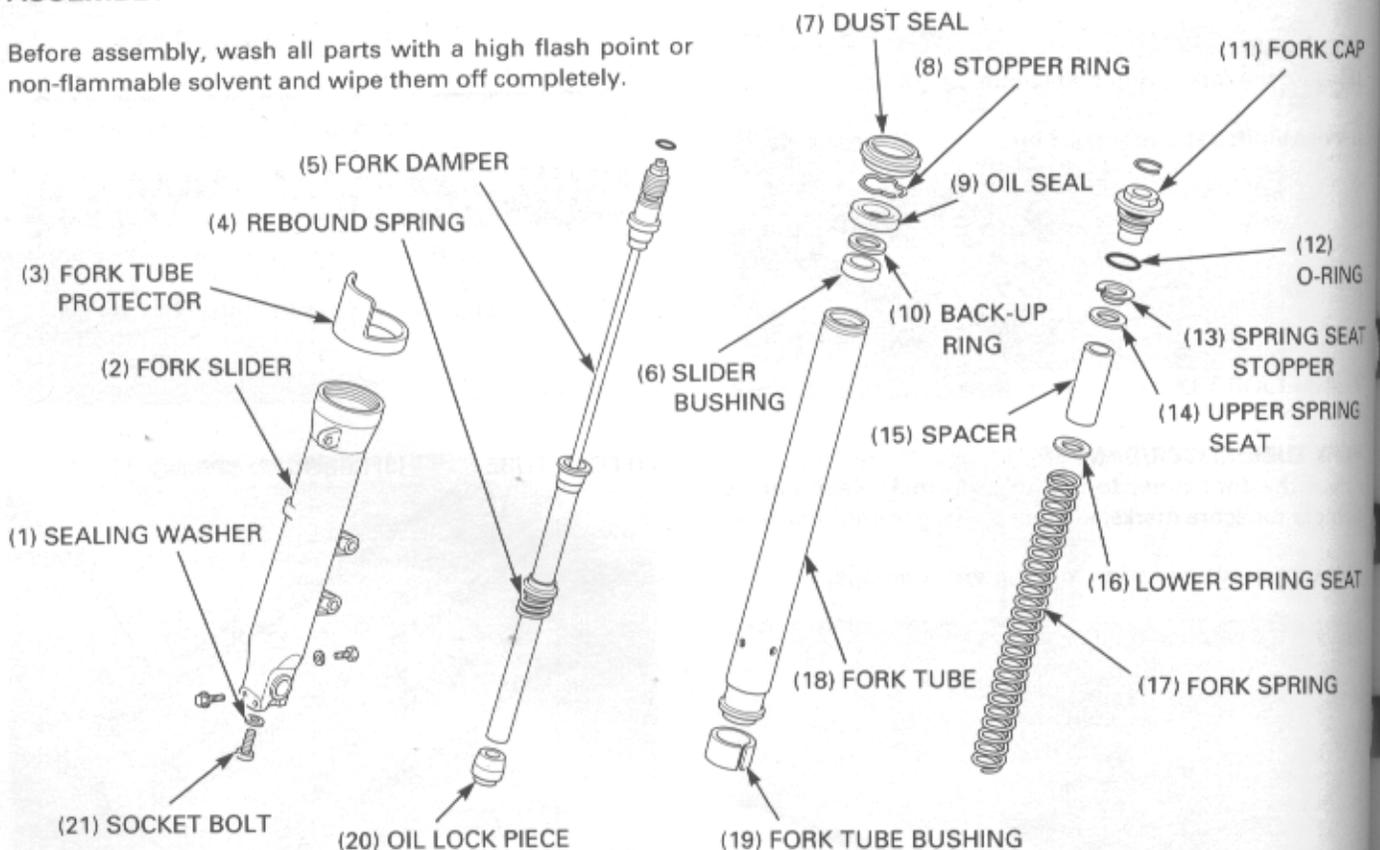
Visually inspect the slider and fork tube bushings. Replace the bushings if there is excessive scoring or scratching, or if the teflon is worn so that the copper surface appears on more than 3/4 of the entire surface.

Check the back-up ring; replace it if there is any distortion at the points shown.



ASSEMBLY

Before assembly, wash all parts with a high flash point or non-flammable solvent and wipe them off completely.



Install a new fork tube bushing if the bushing has been removed.

Install the slider bushing and back-up ring onto the fork tube.

NOTE

- Remove the burrs from the bushing mating surface, being careful not to peel off the coating.
- Coat the slider bushing and guide bushing with the recommended fork fluid.

Install the fork damper into the fork tube.

Install the oil lock piece onto the fork damper end.

Install the fork tube into the fork slider.

CAUTION

- Do not over tighten the bracket.

Hold the brake caliper bracket in a vise with a piece of wood or soft jaws.

Apply locking agent to the fork socket bolt threads and install the socket bolt and new sealing washer into the fork damper. Tighten the fork socket bolt.

Torque: 20 N·m (2.0 kg·m, 14 lb-ft)

If the fork damper turns with the socket bolt, temporarily install the fork spring, spacer and fork cap.

Drive the slider bushing into the outer tube with the back-up ring.

Tools:

Fork seal driver	07947 - KA50100
Fork seal driver attachment	07947 - KF00100

Wrap vinyl tape around the top of end of the fork tube to avoid damaging the oil seal lip.

Coat a new oil seal with fork fluid and install it over the fork tube with the marked side facing up.

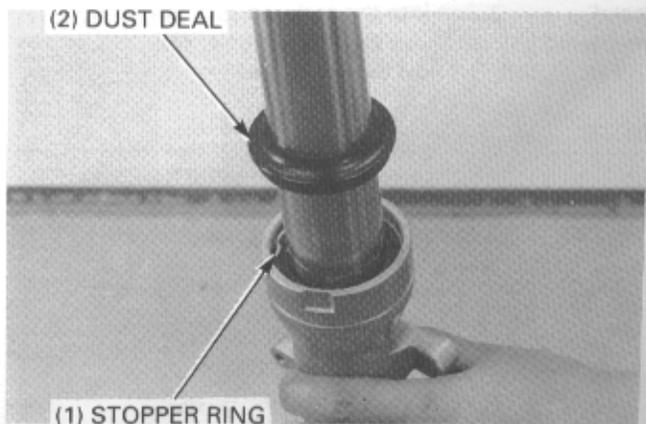
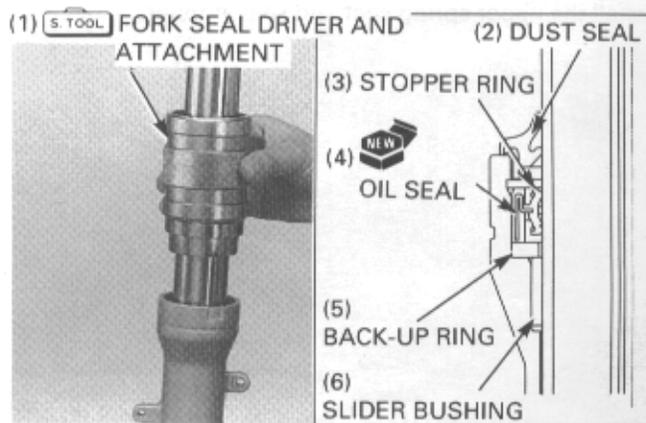
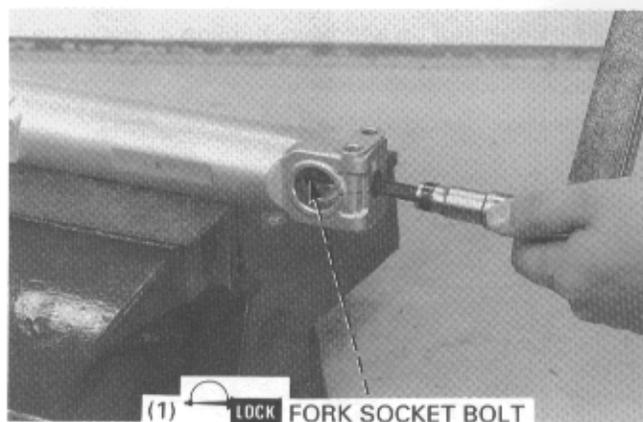
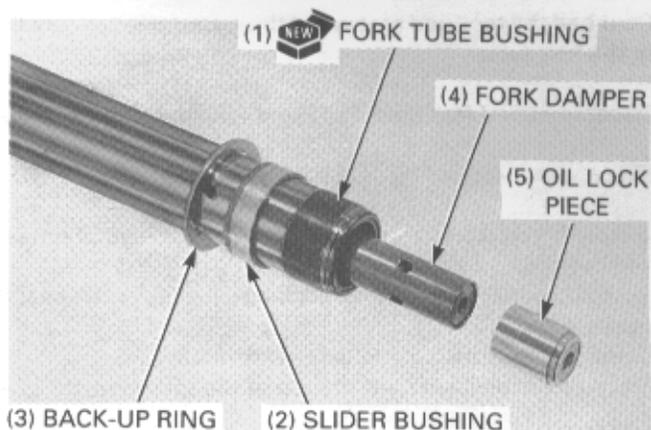
Drive the oil seal until the stopper ring groove is visible.

Tools:

Fork seal driver	07947 - KA50100
Fork seal driver attachment	07947 - KF00100

Install the stopper ring into the groove in the fork slider.

Apply fork fluid to the lip of a new dust seal and install the dust seal.



FRONT WHEEL/SUSPENSION/STEERING

Pour half the required amount of the recommended fork fluid in the fork tube.

Recommended fork fluid: Pro Honda Suspension Fluid SS-8

Oil capacity: 463 cc (15.7 US oz, 16.3 Imp oz)

Slowly pump the fork tube and damper rod several times to remove trapped air.

Pour additional oil up to the specified capacity and repeat the above step.

Compress the fork leg and damper rod fully.

Measure the oil level from the top of the fork tube.

Oil level: 117 mm (4.61 in)

Pull the damper rod up and while holding it, install the fork spring with the tightly wound end facing down.

Install the lower spring seat and spacer.

Install the upper spring seat and seat stopper.

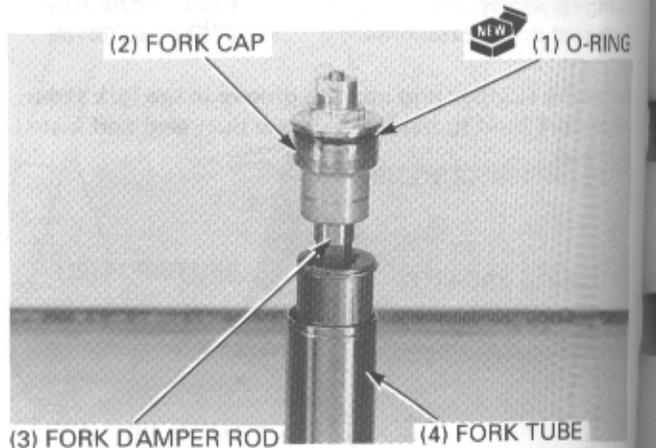
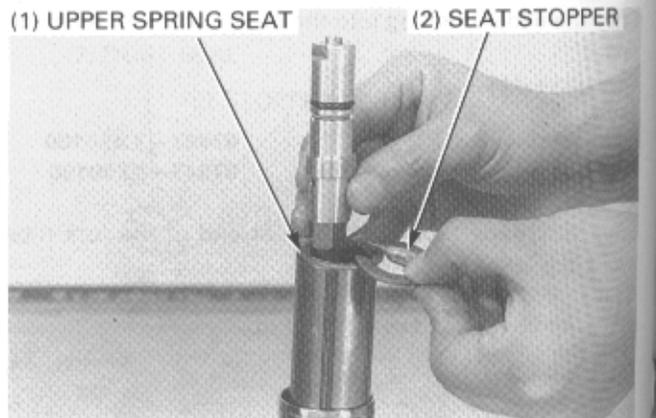
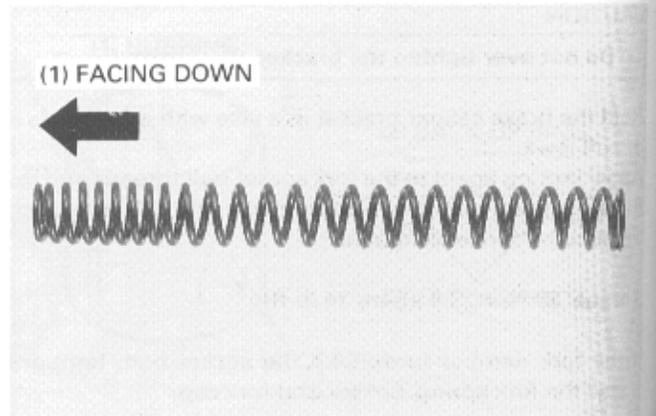
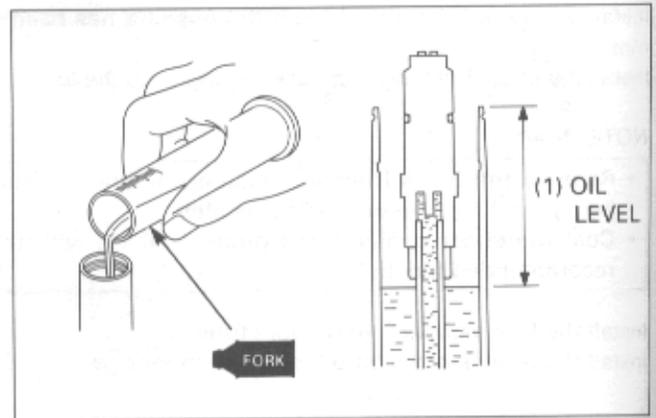
Install a new O-ring into the fork cap groove.

Install the fork cap onto the fork damper rod.

Install the fork cap into the fork tube.

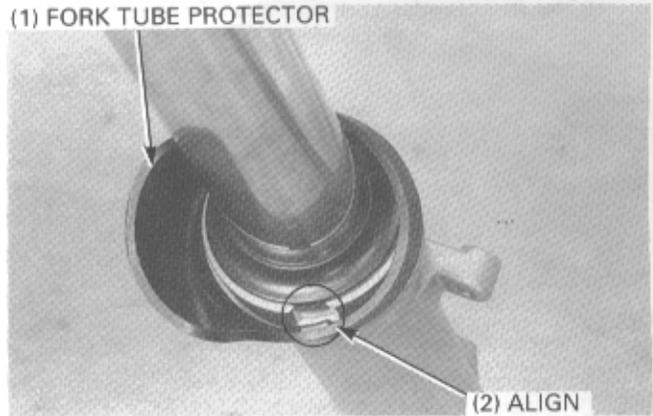
NOTE

- Tighten the fork cap after installing the fork tube into the fork bridges.



Install the fork tube protector over the fork slider with the pawls aligned with the slider grooves as shown.

(1) FORK TUBE PROTECTOR

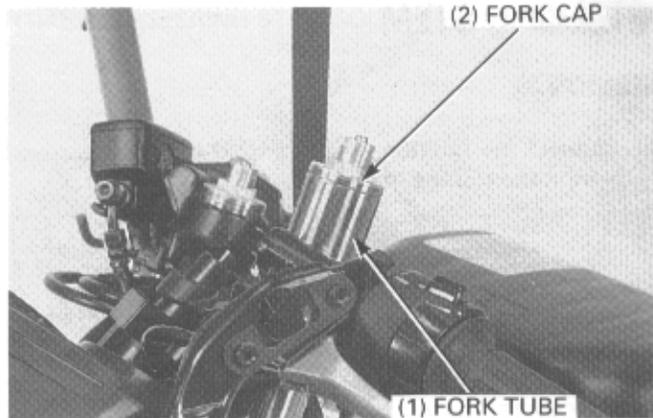


(2) ALIGN

INSTALLATION

Install the fork tube into the bottom and top bridge. Temporarily tighten the bottom bridge pinch bolt and tighten the fork cap to the specified torque.

Torque: 23 N·m (2.3 kg-m, 17 lb-ft)



(1) FORK TUBE

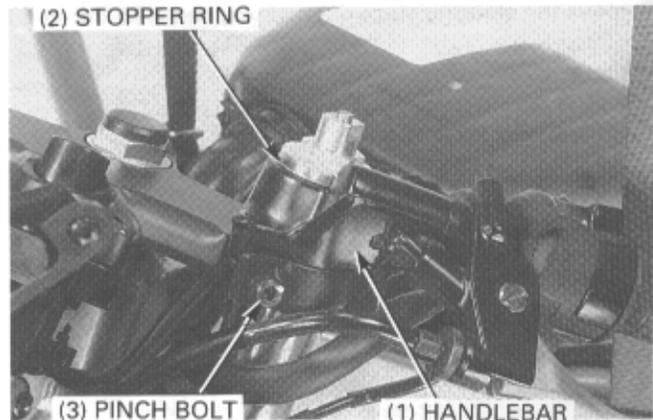
Loosen the bottom bridge pinch bolt. Install the handlebar (page 12- 7). Align the groove in the fork tube with the upper surface of the handlebar. Tighten the top bridge pinch bolt.

Torque: 23 N·m (2.3 kg-m, 17 lb-ft)

Tighten the handlebar pinch bolt.

Torque: 27 N·m (2.7 kg-m, 20 lb-ft)

Install the stopper ring to the fork tube groove.



(2) STOPPER RING

(3) PINCH BOLT

(1) HANDLEBAR

Tighten the bottom bridge pinch bolt.

Torque: 40 N·m (4.0 kg-m, 29 lb-ft)



(1) BOTTOM BRIDGE PINCH BOLT

FRONT WHEEL/SUSPENSION/STEERING

Install the front fender and pipe stay. Tighten the bolts securely.

Torque:

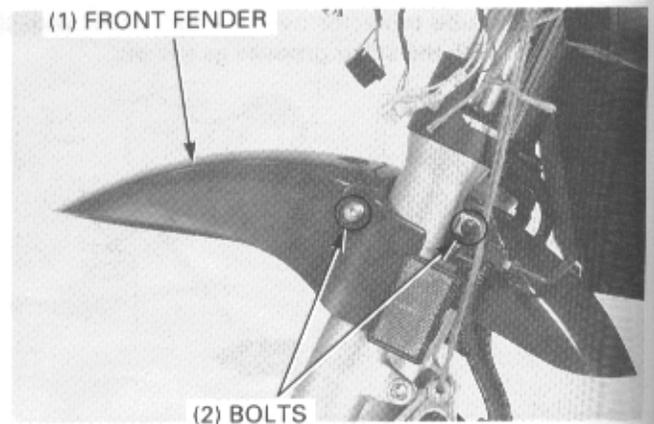
Brake pipe stay bolt: 12 N·m (1.2 kg·m, 9 lb-ft)

Install the front wheel (page 12-12).

With the front brake applied, compress the fork several times to check for proper fork operation.

Set the pre-load adjuster to standard position.

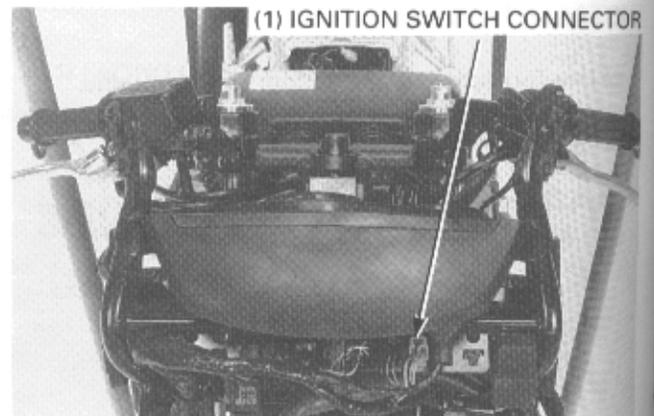
Standard position: 3rd groove



STEERING STEM

REMOVAL

Disconnect the ignition switch connector and remove the wire from the clamps (page 18-12).

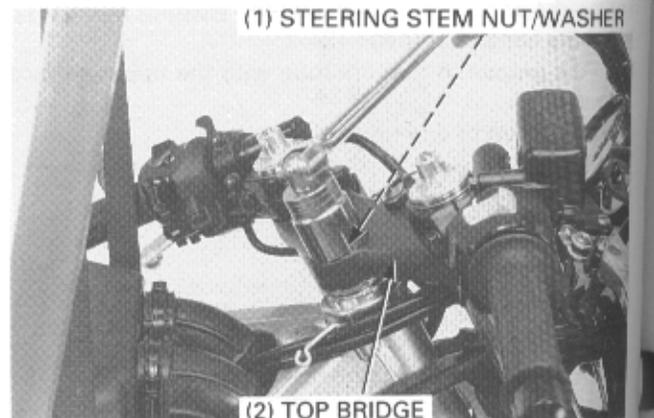


Remove the steering stem nut and washer.

Remove the following:

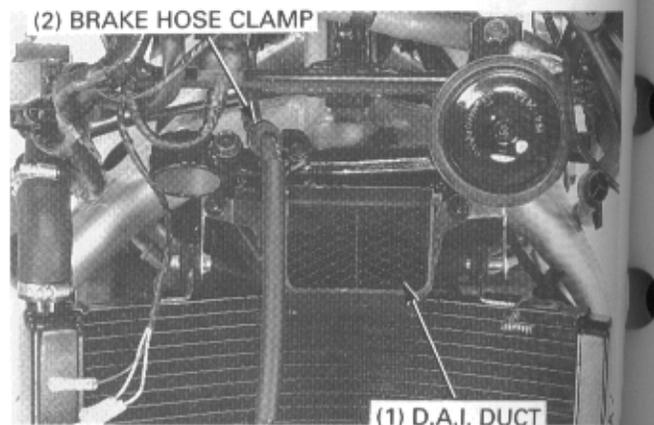
- upper fairing (page 2-4).
- front wheel (page 12-8).
- handlebar (page 12-3).
- fork legs (page 12-14).

Remove the top bridge.



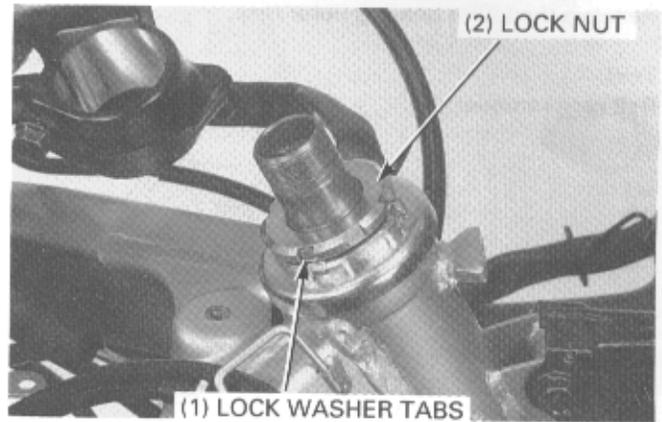
Remove the D.A.I. duct (page 5-4).

Remove the brake hose clamp from the steering stem.



FRONT WHEEL/SUSPENSION/STEERING

Straighten the lock washer tabs, and remove the lock nut and lock washer.

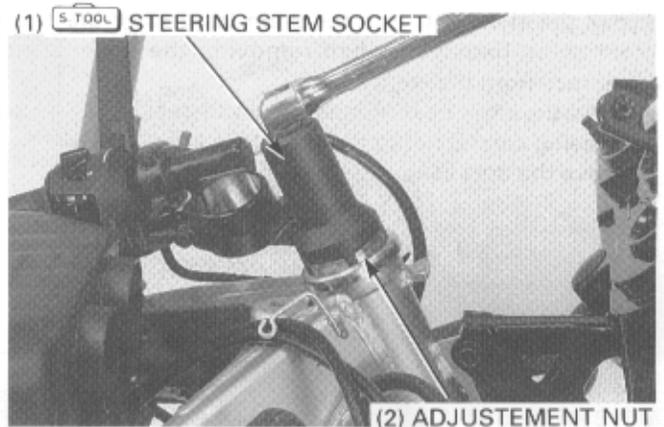


Loosen the steering bearing adjustment nut by holding the steering stem and remove the adjustment nut.

Tool:

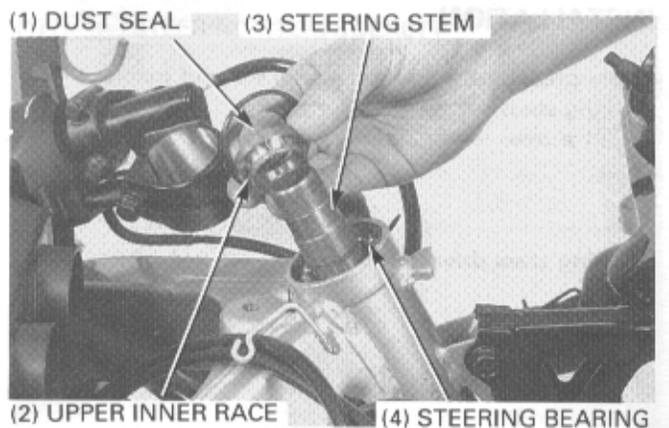
Steering stem socket

07916 - 3710101 or
07916 - 3710100



Remove the dust seal, upper inner race and steering stem. Remove the upper and lower steering bearings.

Check the steering bearings, inner and outer races for wear or damage.



NOTE

- Always replace the bearings and races as a set.

Remove the upper bearing outer race.

Tool:

Ball race remover

07953 - MJ10000 or
07953 - MJ1000A or
07953 - MJ1000B



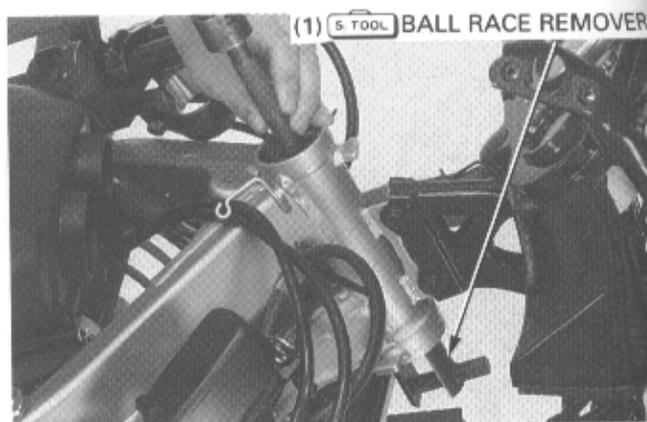
FRONT WHEEL/SUSPENSION/STEERING

Remove the lower bearing outer race.

Tool:

Ball race remover

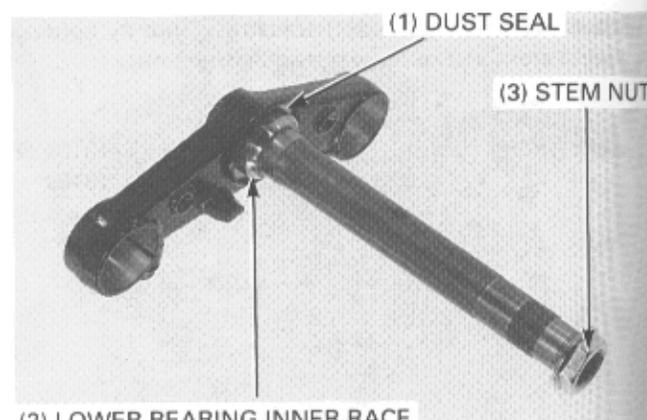
07946 - 3710500



Install the stem nut onto the stem to prevent the threads from being damaged when removing the lower bearing inner race from the stem.

Remove the lower bearing inner race with a chisel or equivalent tool, being careful not to damage the stem.

Remove the dust seal.



INSTALLATION

Apply grease to a new dust seal lip and install it over the steering stem.

Install a new lower bearing inner race using a hydraulic press.

Tool:

Steering stem driver

07946 - MB00000



Drive a new lower bearing outer race into the steering head pipe.

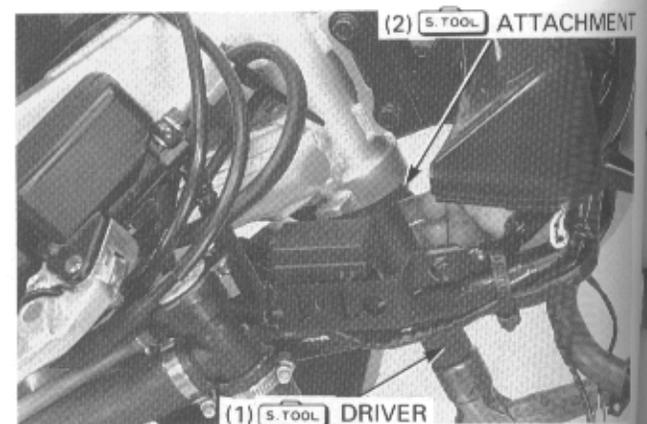
Tools:

Driver

07949 - 0010000

Attachment 52 x 55 mm

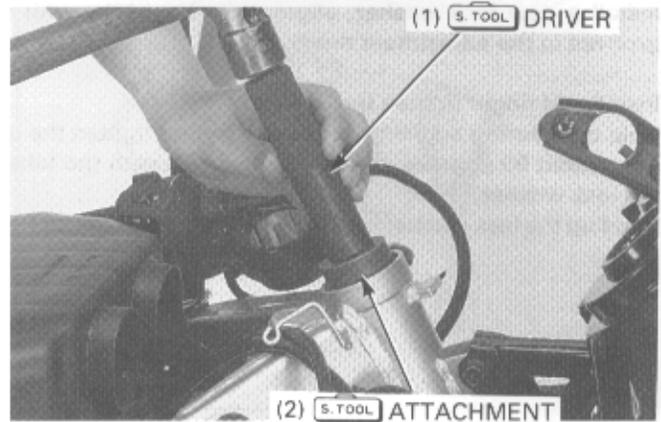
07746 - 0010400



Drive a new upper bearing outer race into the steering head pipe.

Tools:

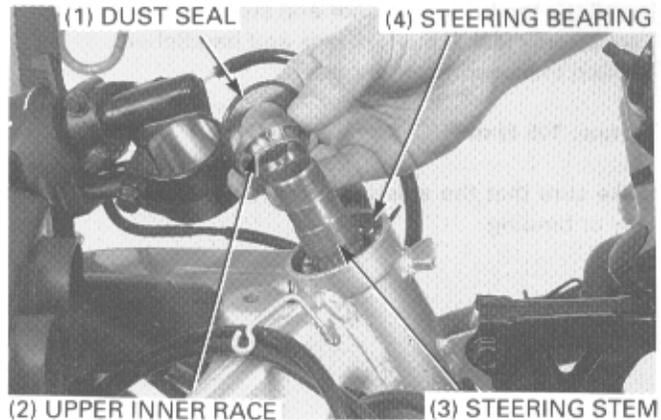
Driver 07949 - 0010000
Attachment 42 x 47 mm 07746 - 0010300



Apply grease to each new steering bearing.
Install the lower steering bearing onto the stem.

Apply grease to new upper dust seal lip.
Apply oil to the steering bearing adjustment nut threads.

Insert the stem into the steering head pipe and install the upper steering bearing, inner race and new dust seal.

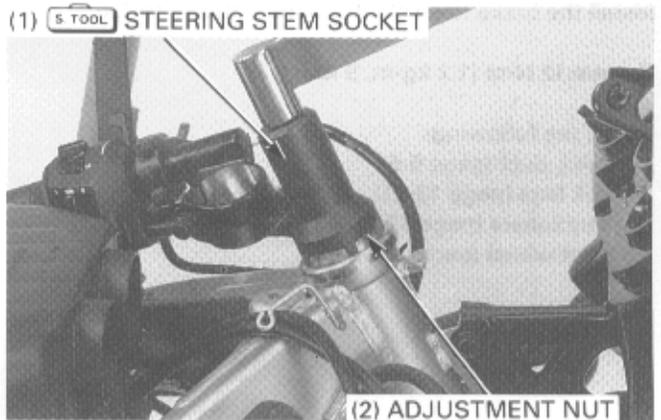


Apply oil to the steering adjustment nut threads.
Install the steering adjustment nut and tighten it to the initial torque.

Tool :

Steering stem socket 07916 - 3710101 or
07916 - 3710100

Initial torque: 25 N·m (2.5 kg-m, 18 lb-ft)



Turn the steering stem lock-to-lock at least five times.
Retighten the adjustment nut to the final torque.

Final torque: 31 N·m (3.1 kg-m, 22 lb-ft)



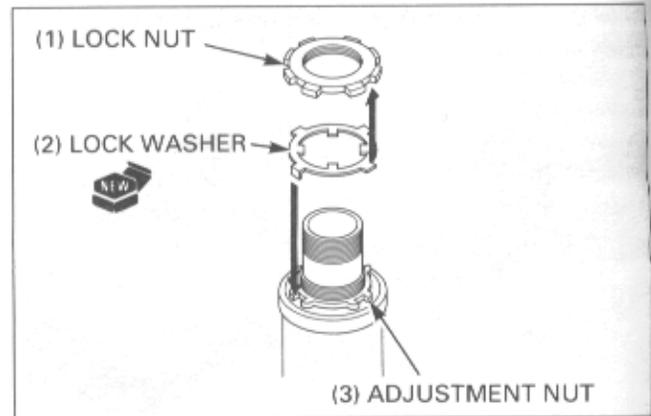
FRONT WHEEL/SUSPENSION/STEERING

Install a new lock washer, aligning its bent tabs with the grooves in the adjustment nut.

Install and finger tighten the lock nut.

Hold the bearing adjustment nut and further tighten the lock nut, within 90 degrees, to align its grooves with the tabs of the lock washer.

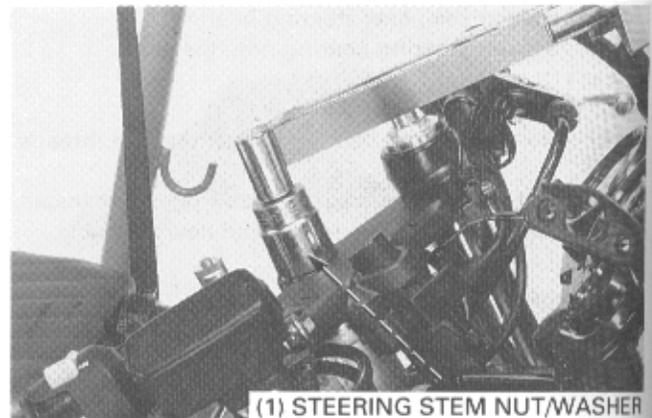
Bend up the lock washer tabs into the grooves of the lock nut.



Install the top bridge, washer and steering stem nut. Temporarily install the fork legs and handlebars. Tighten the steering stem nut.

Torque: 105 N·m (10.5 kg-m, 76 lb-ft)

Make sure that the steering stem moves smoothly without play or binding.



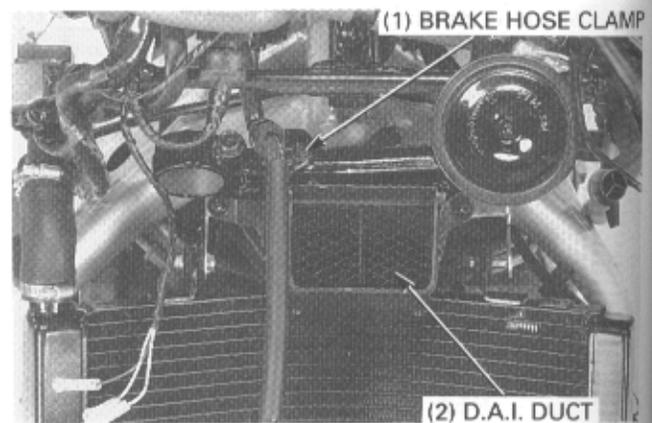
(1) STEERING STEM NUT/WASHER

Install the brake hose clamp to the bottom bridge.

Torque: 12 N·m (1.2 kg-m, 9 lb-ft)

Install the following:

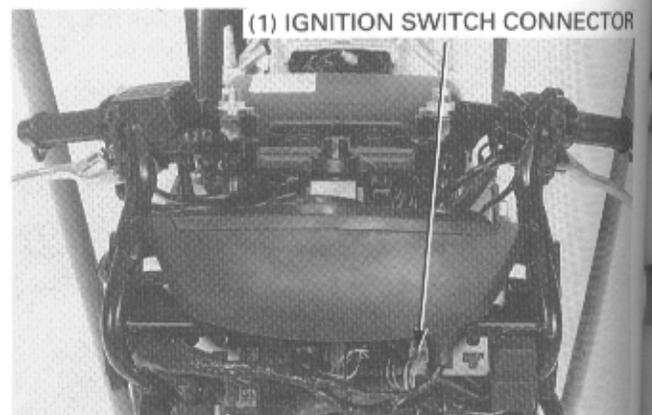
- D.A.I. duct (page 5-5).
- fork legs (page 12-21).
- handlebars (page 12-7).
- front wheel (page 12-12).



(1) BRAKE HOSE CLAMP

(2) D.A.I. DUCT

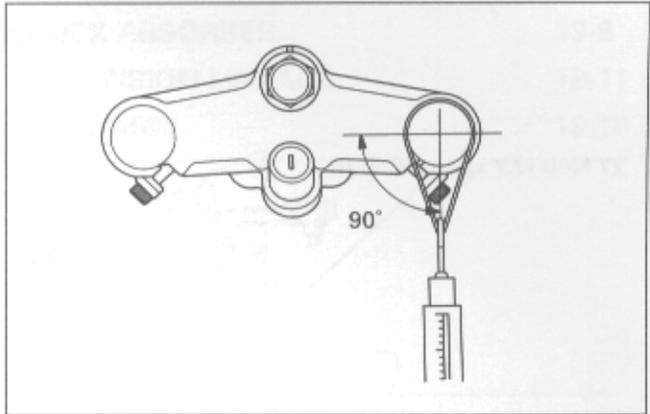
Connect the ignition switch connector (page 18-12).



(1) IGNITION SWITCH CONNECTOR

STEERING BEARING PRELOAD

Raise the front wheel off the ground.
Position the steering stem to the straight ahead position.
Hook a spring scale to the fork tube between the fork top and bottom bridges.
Make sure that there is no cable or wire harness interference.
Pull the spring scale keeping the scale at a right angle to the steering stem.
Read the scale at the point where the steering stem just starts to move.



Steering bearing preload: 0.15 – 0.20 kg-m (1.1 – 1.4 lb-ft)

If the readings do not fall within the limits, readjust the steering bearing adjustment nut.

Install the removed parts in the reverse order of removal.

NOTE

- Route the hose, cables, and wire harnesses properly (page 1-20).