

FRONT WHEEL/SUSPENSION/STEERING

TORQUE VALUES

Handlebar upper holder bolt	26 N•m (2.7 kgf•m, 20 lbf•ft)	
Handlebar lower holder nut	64 N•m (6.5 kgf•m, 47 lbf•ft)	U-nut.
Front axle bolt	90 N•m (9.2 kgf•m, 67 lbf•ft)	
Front axle holder bolt	22 N•m (2.2 kgf•m, 16 lbf•ft)	
Front brake disc bolt	20 N•m (2.0 kgf•m, 14 lbf•ft)	ALOC bolt: replace with a new one.
Steering stem nut	100 N•m (10.2 kgf•m, 74 lbf•ft)	
Top adjusting nut A	17 N•m (1.7 kgf•m, 12 lbf•ft)	
Top adjusting nut B	—	
Fork top bridge pinch bolt	55 N•m (5.6 kgf•m, 41 lbf•ft)	
Fork bottom bridge pinch bolt	24 N•m (2.4 kgf•m, 17 lbf•ft)	
Fork cap	34 N•m (3.5 kgf•m, 25 lbf•ft)	
Fork socket bolt	20 N•m (2.0 kgf•m, 14 lbf•ft)	Apply locking agent to the threads.
Fork cap lock nut	20 N•m (2.0 kgf•m, 14 lbf•ft)	
Inner fork bolt	98 N•m (10.0 kgf•m, 72 lbf•ft)	
Front caliper mounting bolt	30 N•m (3.1 kgf•m, 22 lbf•ft)	ALOC bolt: replace with a new one.

TOOLS

Attachment, 37 x 40 mm	07746-0010200
Attachment, 42 x 47 mm	07746-0010300
Attachment, 52 x 55 mm	07746-0010400
Pilot, 20 mm	07746-0040500
Pilot, 35 mm	07746-0040800
Bearing remover head, 20mm	07746-0050600
Driver	07749-0010000
Steering stem socket	07916-3710100
Bearing race remover	07946-3710500
Steering stem driver	07946-MB00000
Driver handle attachment	07949-3710001
Bearing remover shaft	07GGD-0010100
Fork seal driver, 45 mm	07KMD-KZ30100
Lock nut wrench, 36 x 44 mm	07VMA-MZ0010A

TROUBLESHOOTING

Hard steering

- Steering bearing adjustment nut too tight
- Worn or damaged steering bearings
- Worn or damaged steering bearing races
- Bent steering stem
- Insufficient tire pressure
- Faulty front tire

Steers to one side or does not track straight

- Damaged or loose steering bearings
- Bent fork
- Bent front axle: wheel installed incorrectly
- Bent frame
- Faulty front tire
- Worn or damaged front wheel bearings
- Worn or damaged swingarm pivot bearings

Front wheel wobbles

- Bent rim
- Worn or damaged front wheel bearings
- Faulty front tire
- Unbalanced tire and wheel
- Loose front axle fasteners

Wheel turns hard

- Faulty front wheel bearings
- Bent front axle
- Brake drag

Soft suspension

- Weak fork springs
- Insufficient fluid in fork
- Deteriorated fork fluid
- Incorrect fork fluid weight
- Low tire pressure

Hard suspension

- Bent fork pipes
- Too much fluid in fork
- Incorrect fork fluid weight
- Clogged fork fluid passage
- High tire pressure

Front suspension noise

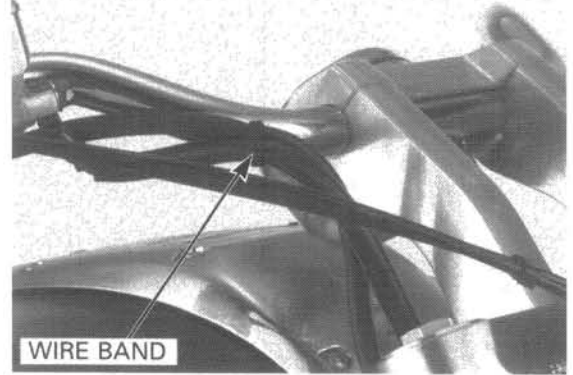
- Worn slider or fork pipe bushing
- Insufficient fluid in fork
- Loose fork fasteners

HANDLEBAR

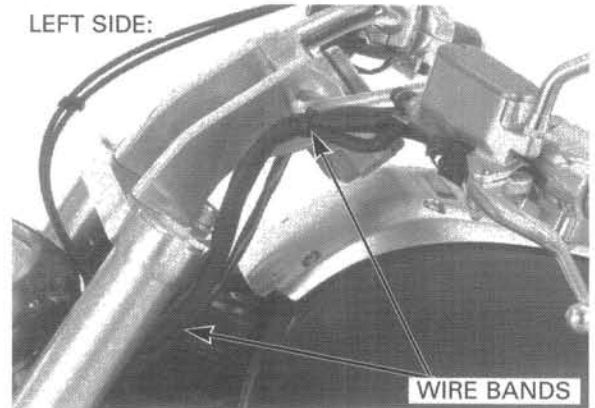
REMOVAL

Release the wire bands.

RIGHT SIDE:



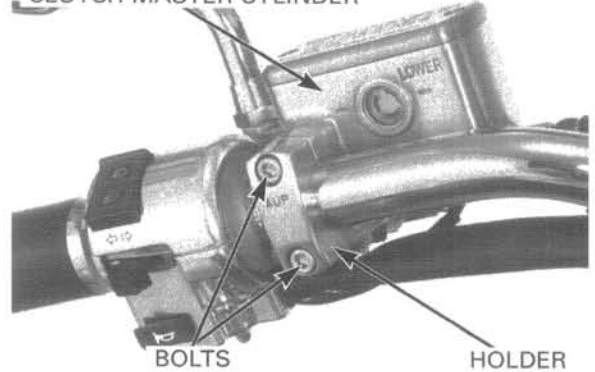
LEFT SIDE:



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

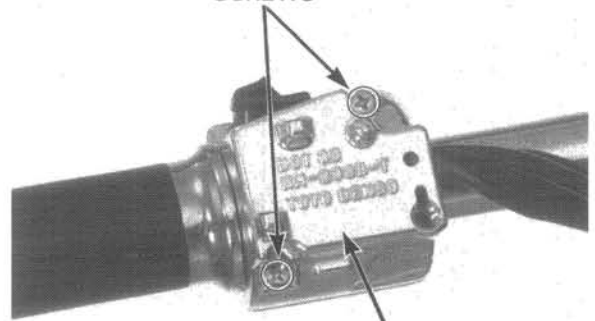
Disconnect the clutch switch connectors. Remove the bolts, master cylinder holder and clutch master cylinder from the handlebar.

CLUTCH MASTER CYLINDER



Remove the attaching screws and the left handlebar switch housing from the handlebar.

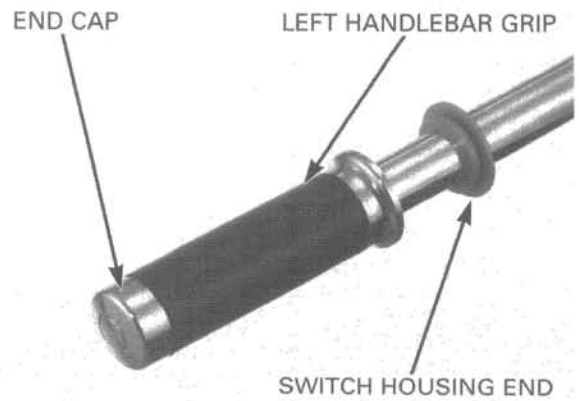
SCREWS



LEFT HANDLEBAR SWITCH HOUSING

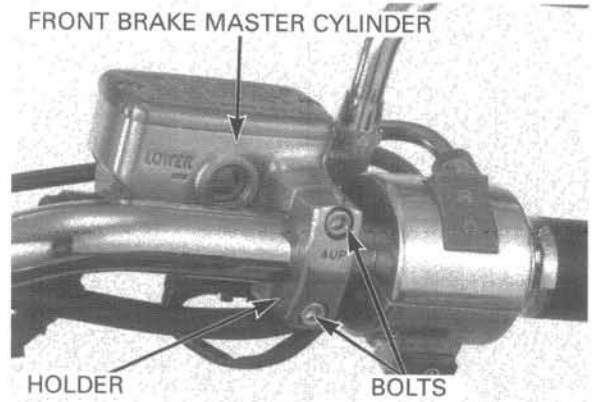
FRONT WHEEL/SUSPENSION/STEERING

Remove the left handlebar grip end cap.
Remove the left handlebar grip from the handlebar.
Remove the left handlebar switch housing end.

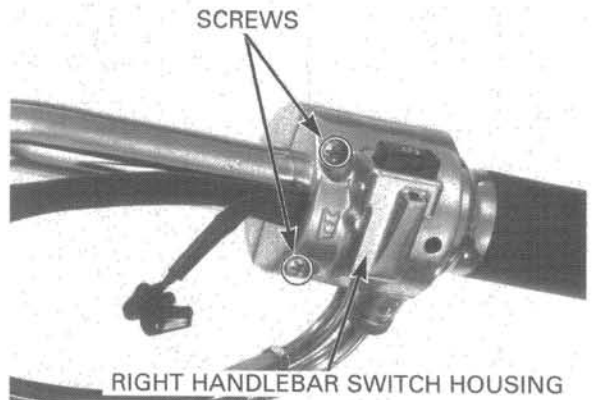


Keep the master cylinder upright to prevent air from entering the hydraulic system.

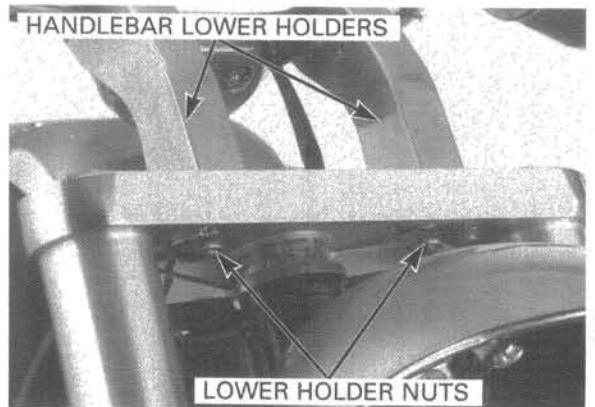
Disconnect the front brake switch connectors.
Remove the bolts, front brake master cylinder holder and master cylinder from the handlebar.



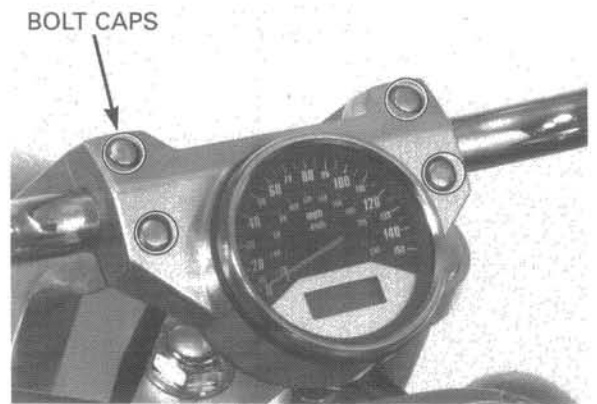
Remove the attaching screws.



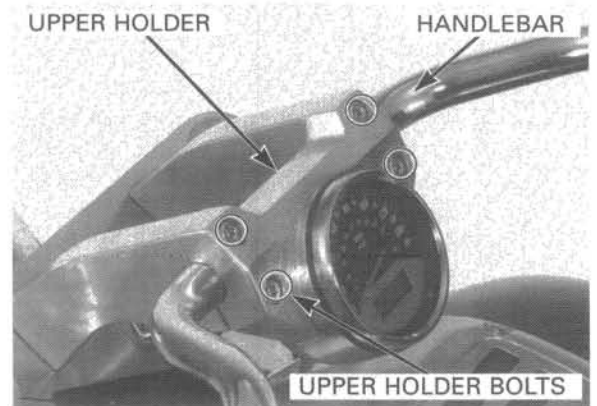
If the handlebar lower holders will be removed, loosen the lower holder nuts before removing the upper holder.



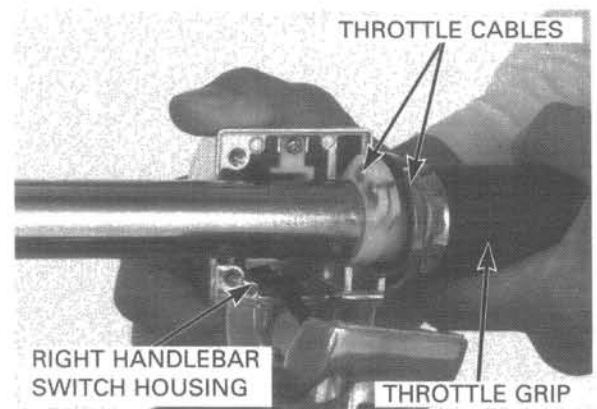
Remove the bolt caps.



Remove the upper holder bolts and the handlebar upper holder.
Remove the handlebar from the lower holders.



Move the handlebar to obtain sufficient slack in the throttle cables so they can be disconnected from the throttle grip flange.
Remove the right handlebar switch housing from the handlebar.

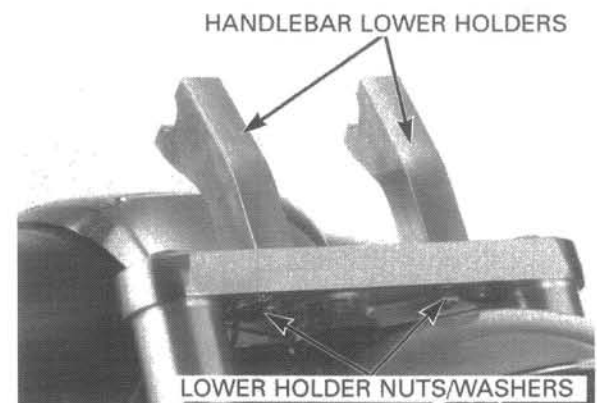


Remove the handlebar lower holder nuts, washers and the handlebar lower holders.

INSTALLATION

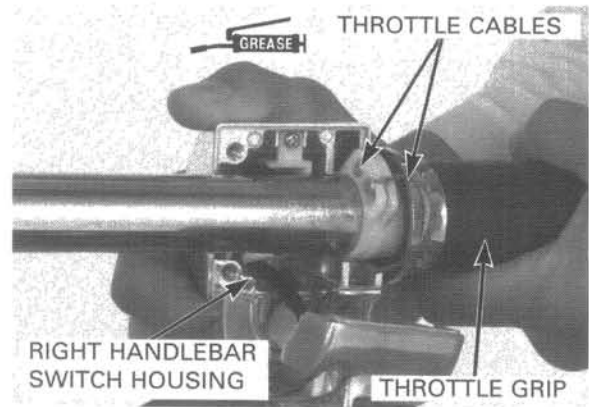
Do not tighten the lower holder nuts yet.

Install the handlebar lower holders, washers and lower holder nuts.



FRONT WHEEL/SUSPENSION/STEERING

Apply grease to the throttle grip flange groove. Connect the throttle cables to the throttle grip flange and install the throttle grip onto the handlebar.

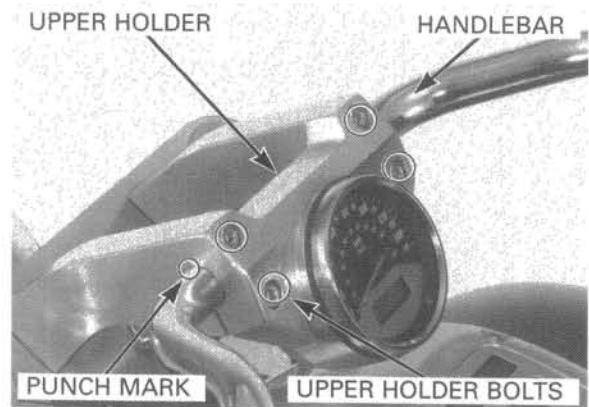


Place the handlebar onto the lower holders and align the punch mark on the handlebar with the top of the lower holder.

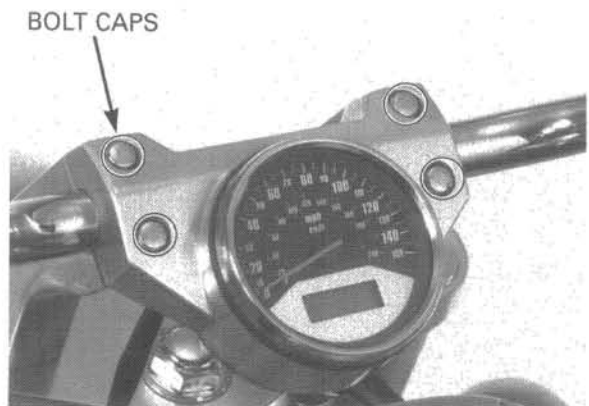
Install the upper holder.

Install the upper holder bolts and tighten the forward bolts first, then tighten the rear bolts to the specified torque.

TORQUE: 26 N·m (2.7 kgf·m, 20 lbf·ft)

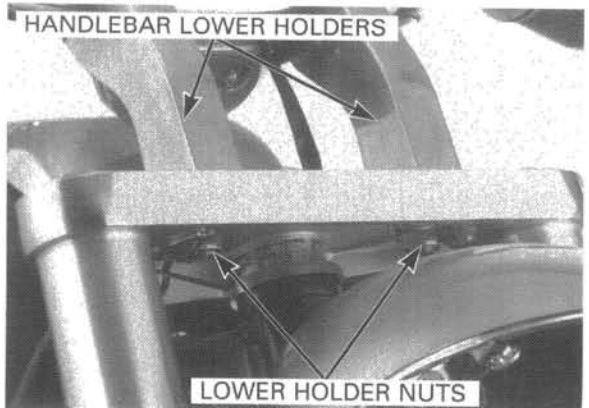


Install the bolt caps securely.

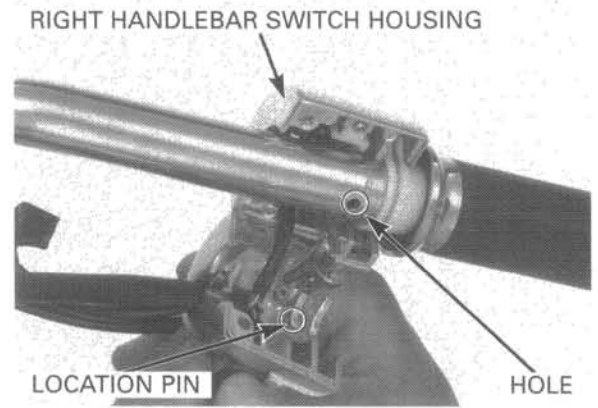


Tighten the lower holder nuts to the specified torque.

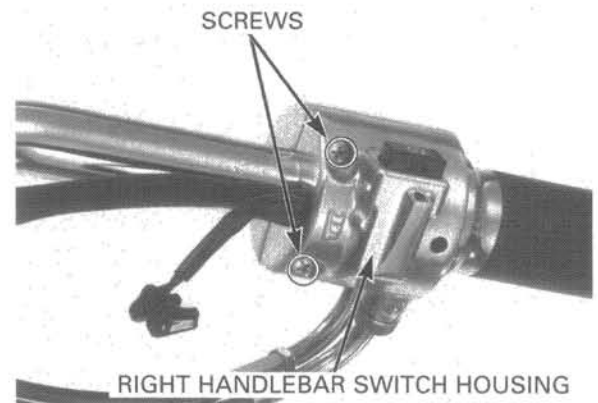
TORQUE: 64 N·m (6.5 kgf·m, 47 lbf·ft)



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



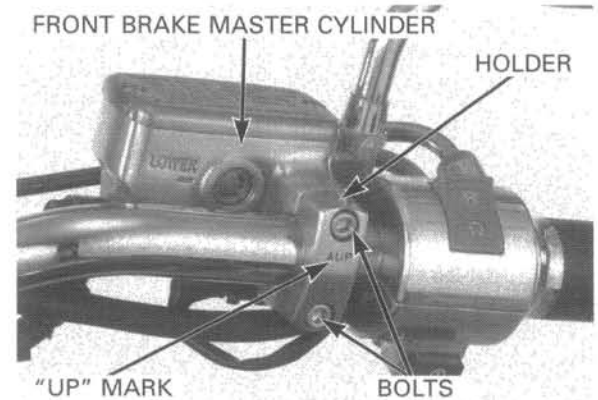
Install the attaching screws and tighten the forward screw first, then tighten the rear screw.



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.

TORQUE: 12 N·m (1.2 kgf·m, 9 lbf·ft)

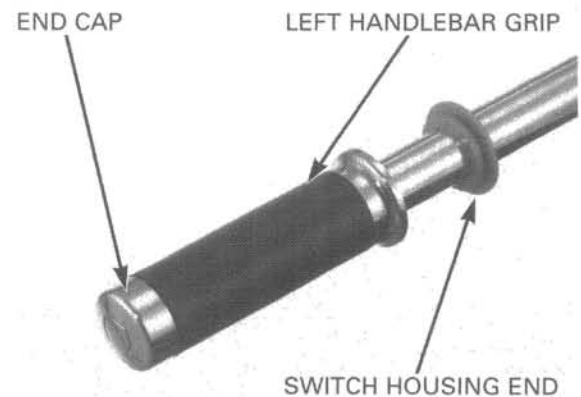
Connect the front brake switch connectors.



Install the left handlebar switch housing end.

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 to the outside surface of the left handlebar. Wait 3 – 5 minutes and install the grip. Rotate the grip for even application of the adhesive. Install the left handlebar grip end cap.

Allow the adhesive to dry for 1 hour before using.

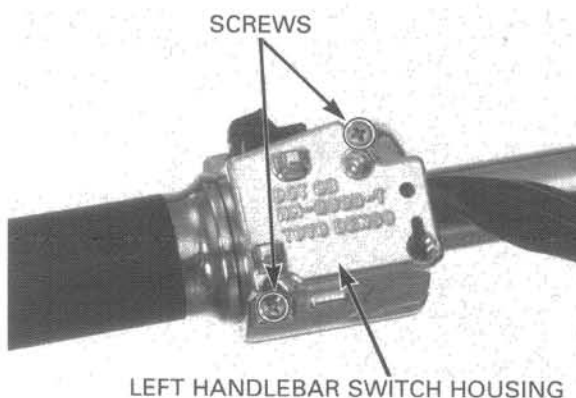


FRONT WHEEL/SUSPENSION/STEERING

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



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

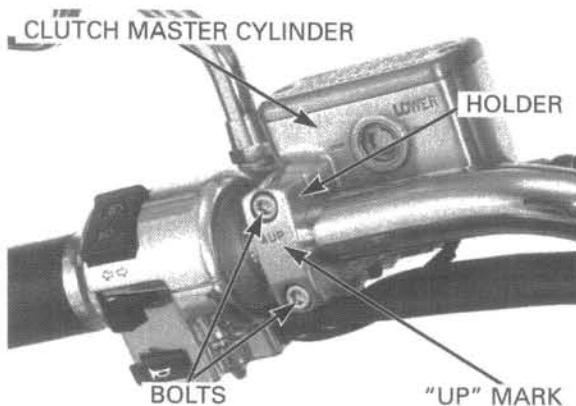


Install the clutch master cylinder and holder with the "UP" mark facing up.

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

TORQUE: 12 N·m (1.2 kgf·m, 9 lbf·ft)

Connect the clutch switch connectors.



FRONT WHEEL

REMOVAL

Remove the brake hose clamps, mounting bolts and both brake calipers.

Do not hang the brake calipers from the brake hoses.

