

Set-up Instructions

1983 Model CB1000C



AMERICAN HONDA MOTOR CO., INC.
100 WEST ALONDRA BOULEVARD, GARDENA, CALIFORNIA 90247

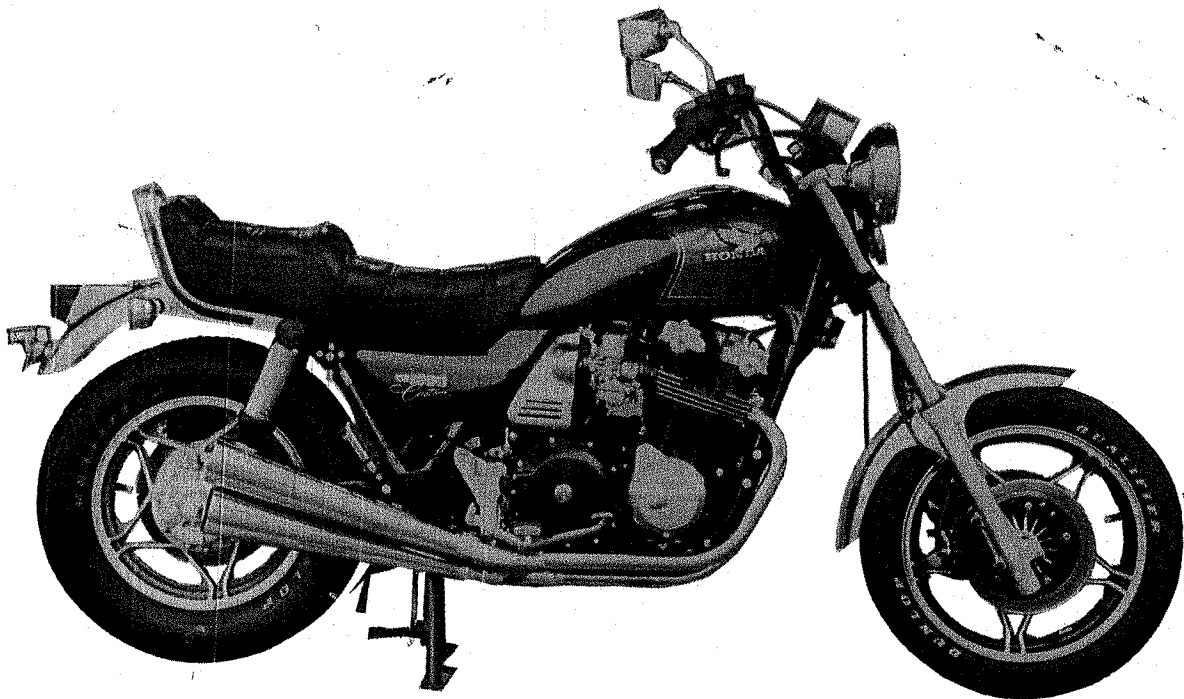
WARNING

WARNING

WARNING

WARNING

SET-UP AND PRE-DELIVERY SERVICE MUST BE PERFORMED BY AN AUTHORIZED HONDA MOTORCYCLE DEALER. Proper set-up and pre-delivery service is essential to rider safety and reliability of the motorcycle. When a customer takes delivery of his brand new motorcycle, he expects it to be in excellent running condition. There are few things that will cause greater customer dissatisfaction than poor preparation of a new motorcycle. An error or oversight made by the mechanic assembling and servicing a new unit can easily result in faulty operation, damage to the machine, or even injury to the rider.



NOTE: Right and left are determined from the rider's view.

Date of Issue: 10/82

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SET-UP INSTRUCTION REVISED PAGES

Pages Affected

1 through 37

Orig. Issue Date

10/82

Rev. Date

Original

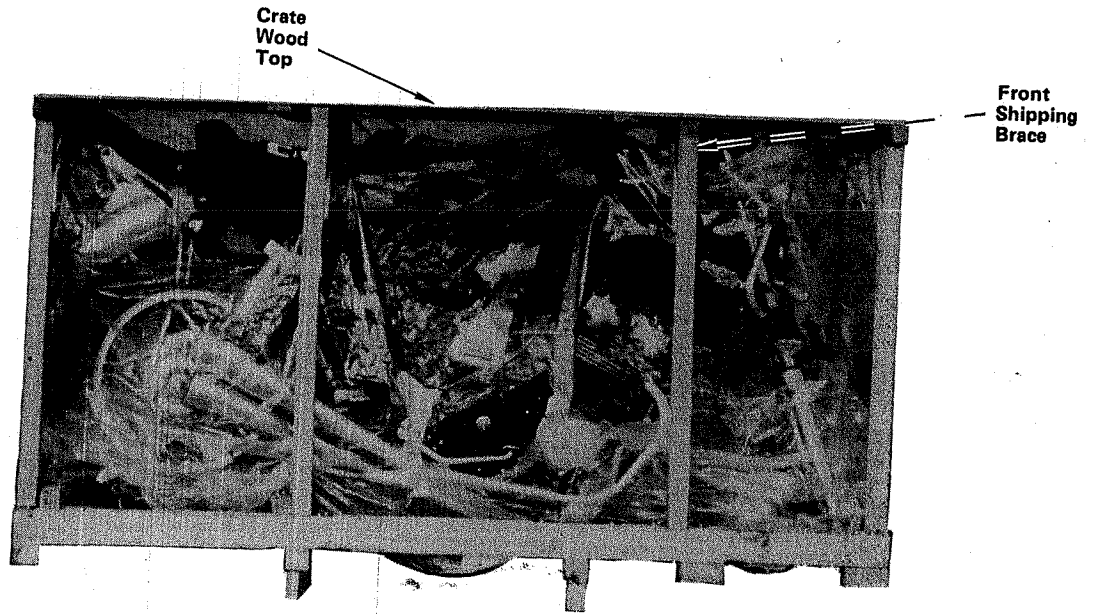
Remove and destroy superseded pages.

Pay special attention to warnings, cautions, and notes.

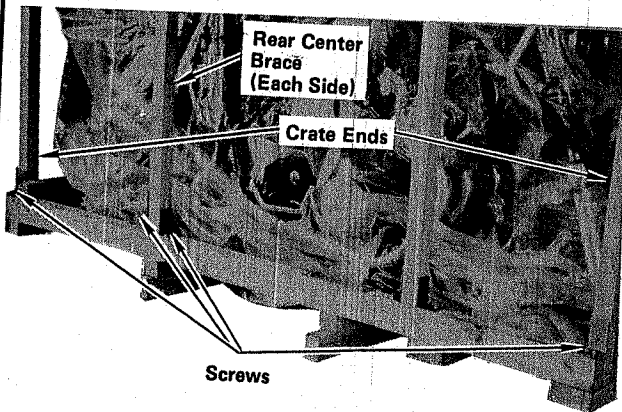
WARNING means hazards or unsafe practices which could cause severe personal injury or death.

CAUTION: means hazards or unsafe practices which could cause minor personal injury or product or property damage.

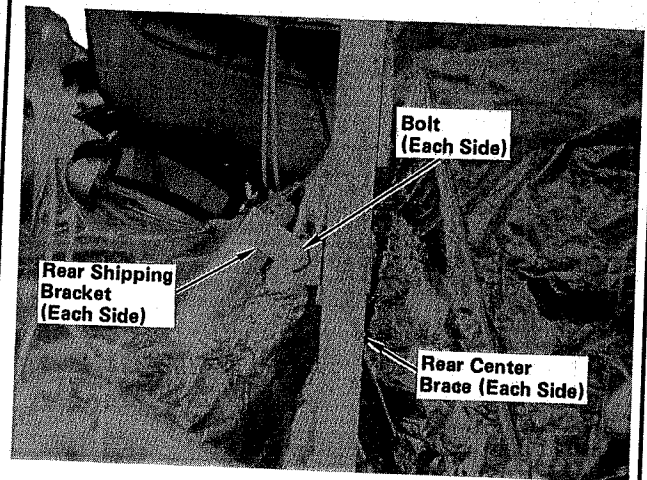
NOTE: gives helpful information.



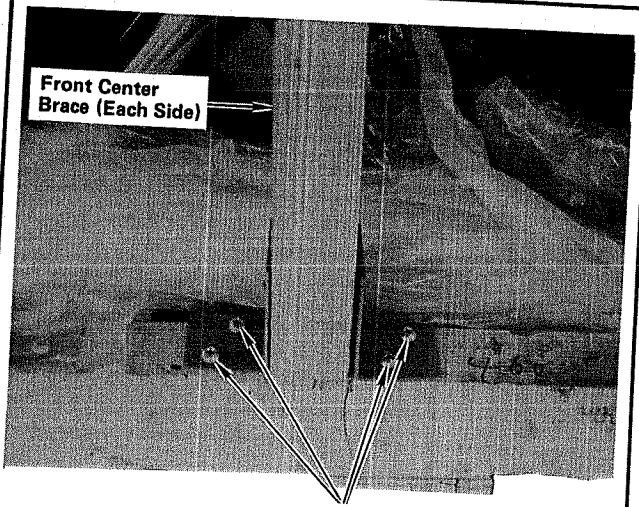
STEP 1—Cut straps and lift off carton cover. Remove all nails attaching crate wood top to front shipping brace.



STEP 2—Remove screws attaching front and rear crate ends and rear center braces to crate base.



STEP 3—Remove bolts attaching right and left rear shipping brackets to rear center braces. Discard bolts. Remove tie holding rear handrail brackets to crate.

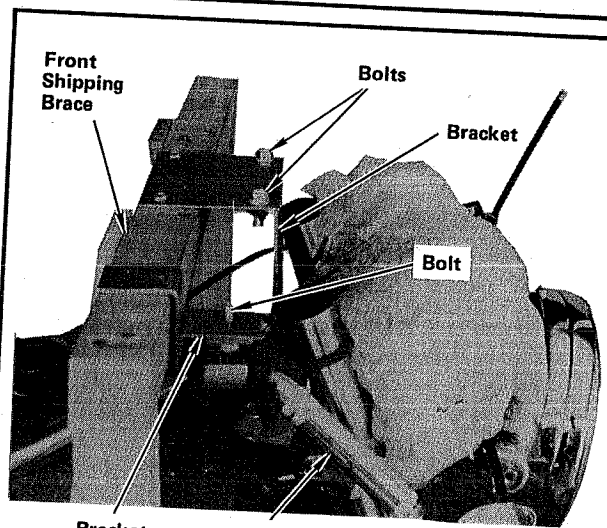


Front Center Brace (Each Side)

Screws (Typical)

STEP 4—Remove screws attaching front center braces to crate base. Discard screws. Carefully lift off wood crate frame using two people.

CAUTION: Use extreme care to prevent damaging motorcycle with crate frame.



Front Shipping Brace

Bolts

Bracket

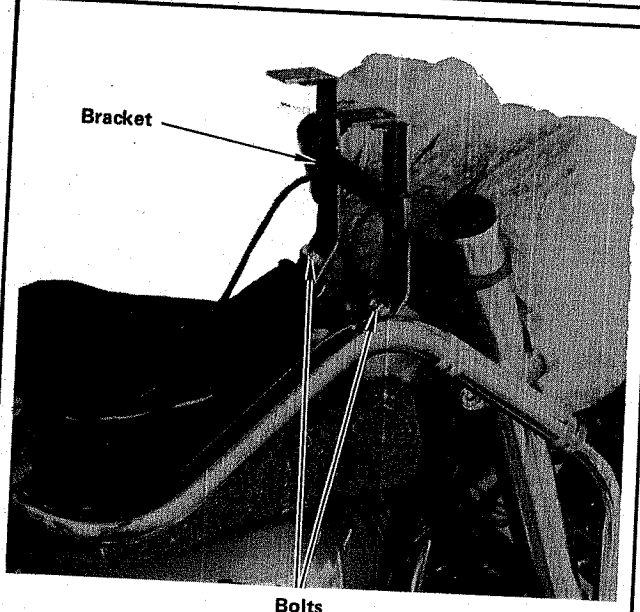
Bolt

Bracket

Handlebar

STEP 5—Remove bolts attaching front shipping brace to front shipping brace bracket. Place a cover over fuel tank to prevent damage. Remove bolt attaching handlebar bracket to shipping brace. Remove bracket from handlebar. Discard bracket and all attaching hardware. Carefully lift off front center brace and discard.

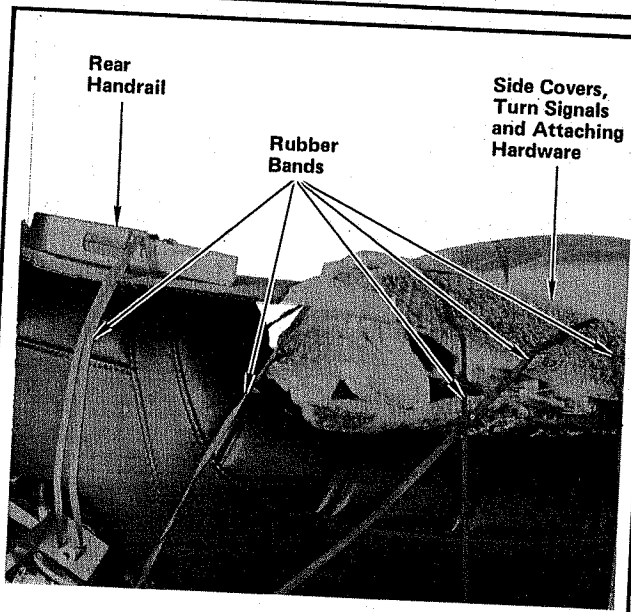
CAUTION: Do not allow front center brace to fall and damage motorcycle.



Bracket

Bolts

STEP 6—Remove bolts attaching front shipping brace bracket to lower handlebar holders. Discard bolts and bracket.

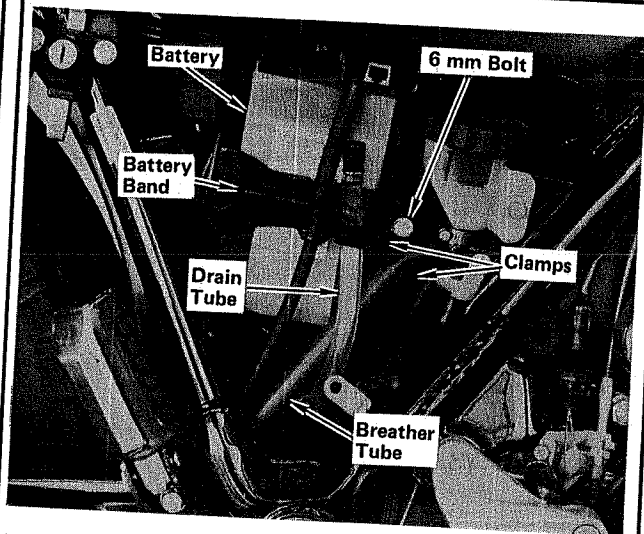


Rear Handrail

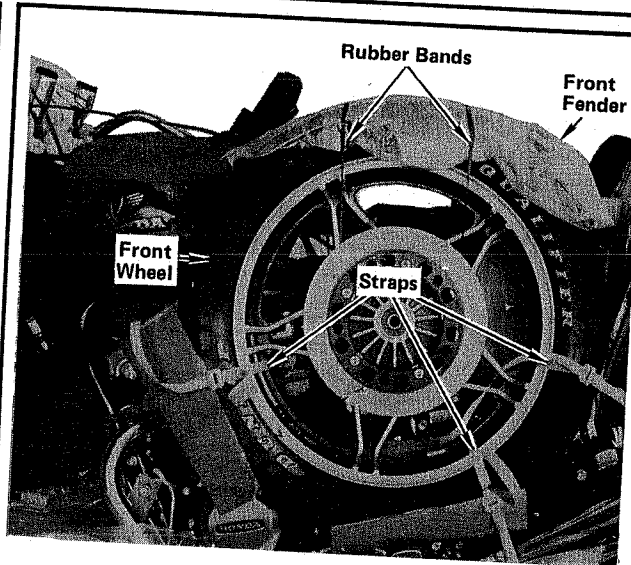
Rubber Bands

Side Covers, Turn Signals and Attaching Hardware

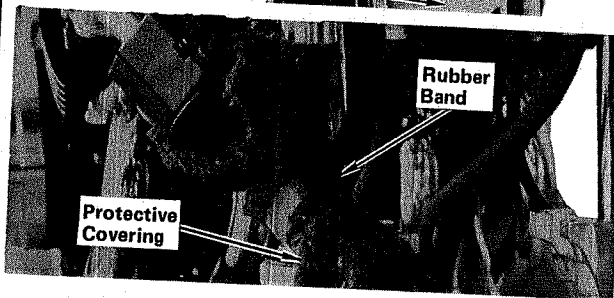
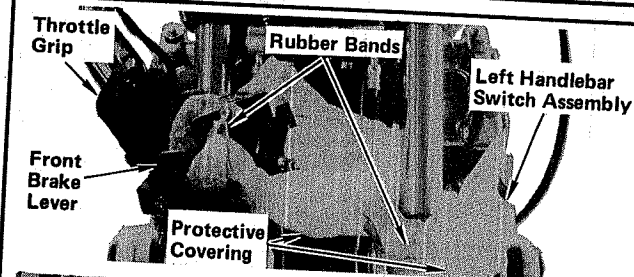
STEP 7—Remove loose parts from seat by removing rubber bands.



STEP 8—Remove and retain 6 mm bolt attaching battery band. Remove crankcase breather tube and drain tube from clamps. Swing battery band out of way and remove battery from battery compartment. Reinstall battery band using 6 mm bolt retained. Do not tighten bolt at this time.

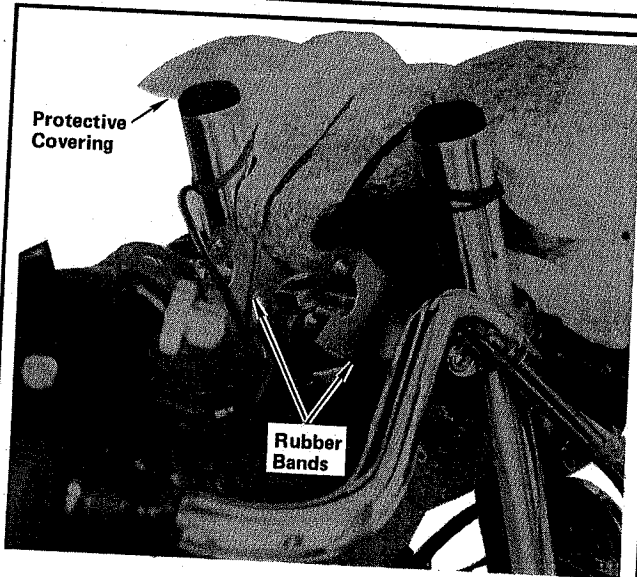


STEP 9—Remove front fender from front wheel by removing rubber bands. Remove front wheel from crate base by removing straps.

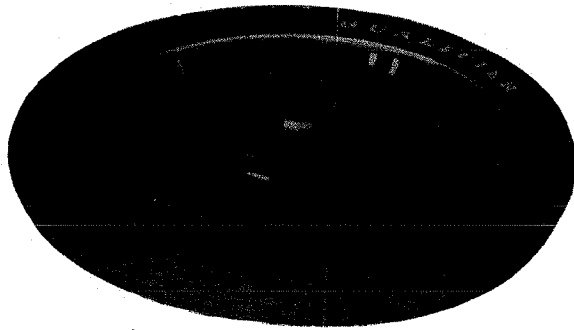


STEP 10—Remove rubber bands and ties attaching throttle grip, front brake lever, and left handlebar switch assembly to fork legs. Remove all protective coverings.

CAUTION: Do not hang master cylinder by brake hose.



STEP 11—Remove protective covering from handlebar lower holders by removing rubber bands. Use care not to drop instruments on headlight case.



Front Wheel



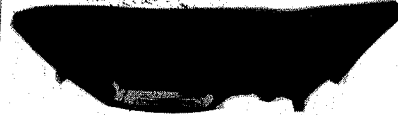
Reflectors and Handlebar Cover



Front Fender



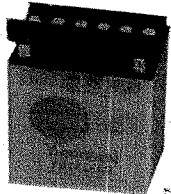
Mirrors



Side Covers



Attaching Hardware, Fork Stabilizer and Speedometer Gearbox



Battery



Right Foot Peg



Rear Handrail

STEP 12—Unpack remaining loose parts and check against this illustration. Report any damaged or missing parts immediately to American Honda Motor Co., 100 West Alondra Blvd., Gardena, California 90247.

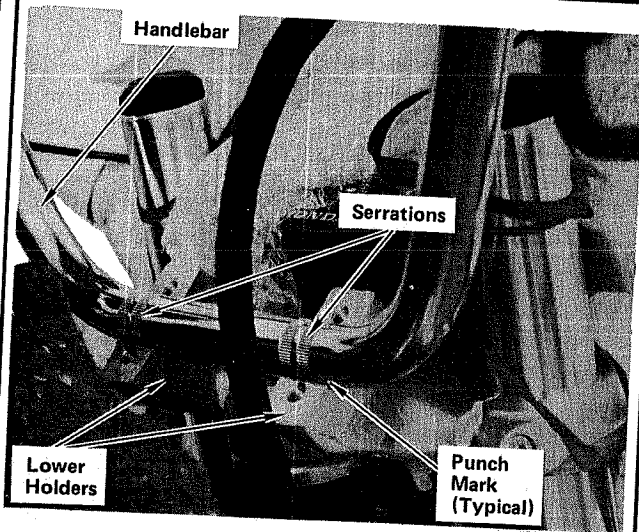
Damaged or Missing Parts

Identify missing parts by referring to the "Loose Parts List" at the end of the set-up. Order parts through normal parts ordering procedures.

It is necessary to differentiate between parts lost or damaged in transit, and parts left out by the factory.

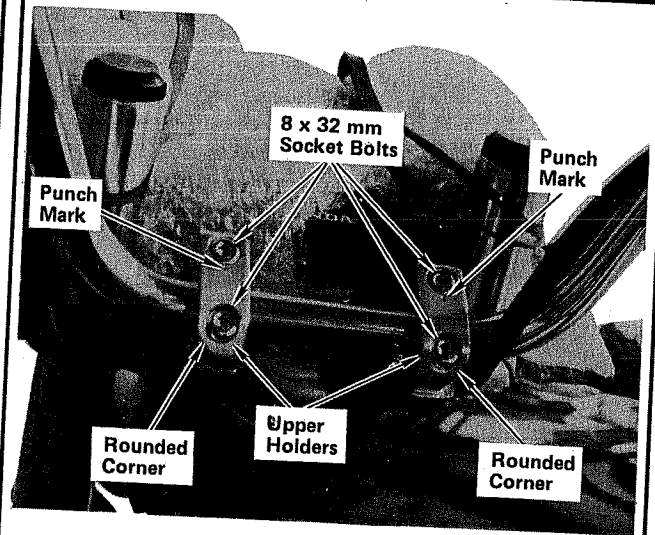
- For parts lost or damaged in transit, file a SHIPPING DAMAGE CLAIM.
- For parts left out by the factory, file a WARRANTY CLAIM W.O.2.

Refer to the Warranty Policy and Procedures Manual (SO 945) under Shipping Damage and Crate Shortage for further information.



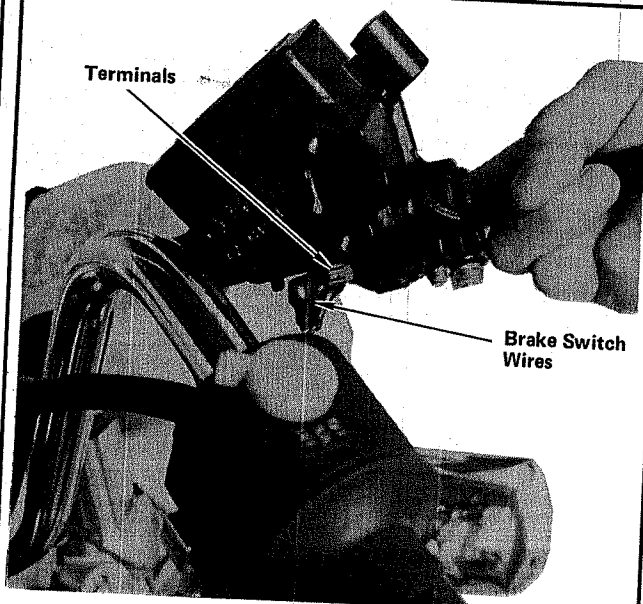
STEP 13—Position handlebar on lower holders with serrations aligned with lower holders and punch marks on handlebar aligned with top of holders.

CAUTION: Check that throttle cables are not twisted.

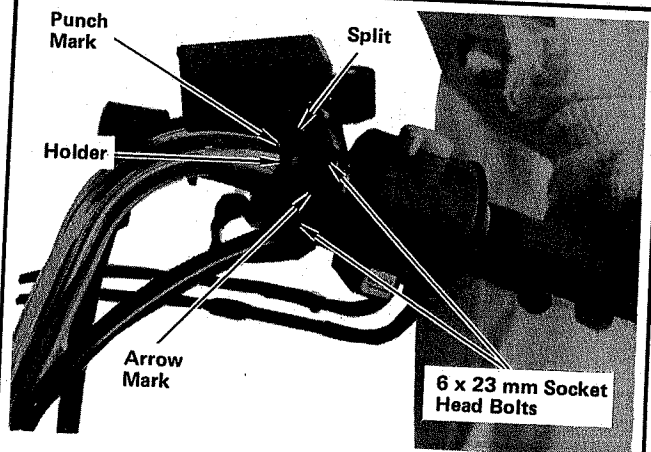


STEP 14—Position handlebar upper holders on handlebar with punch marks forward and rounded corner facing outward. Install holders loosely using four 8 x 32 mm socket head bolts. Tighten forward bolts to specified torque first, then tighten rear bolts to same torque.

Torque specification:
2.5 kg-m (19 lb-ft)



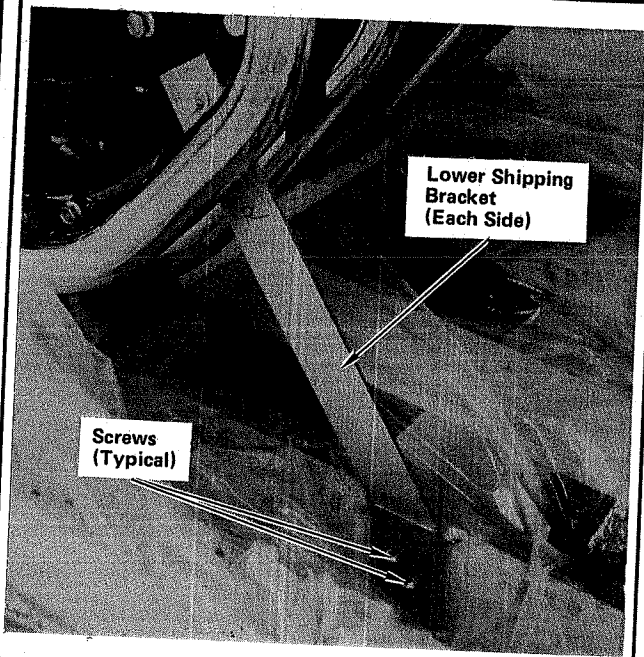
STEP 15—Connect front brake stoplight switch wires to terminals as shown. Slip terminal cover over terminals.



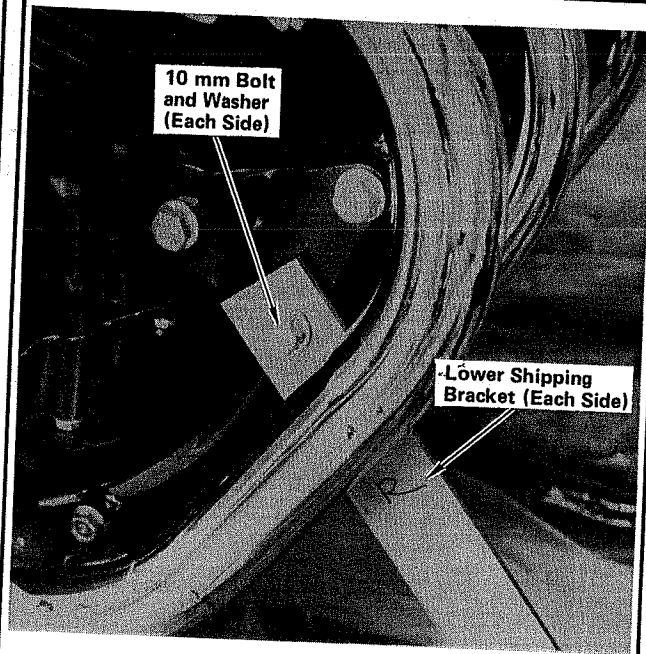
STEP 16—Install master cylinder and holder, with arrow mark on holder pointing up, using two black 6 x 23 mm socket head bolts. Position master cylinder so split of holder and master cylinder is aligned with punch mark on handlebar. Tighten upper bolt to specified torque first, then tighten lower bolt to same torque.

CAUTION: Check that wire harness is not pinched between holder and handlebar.

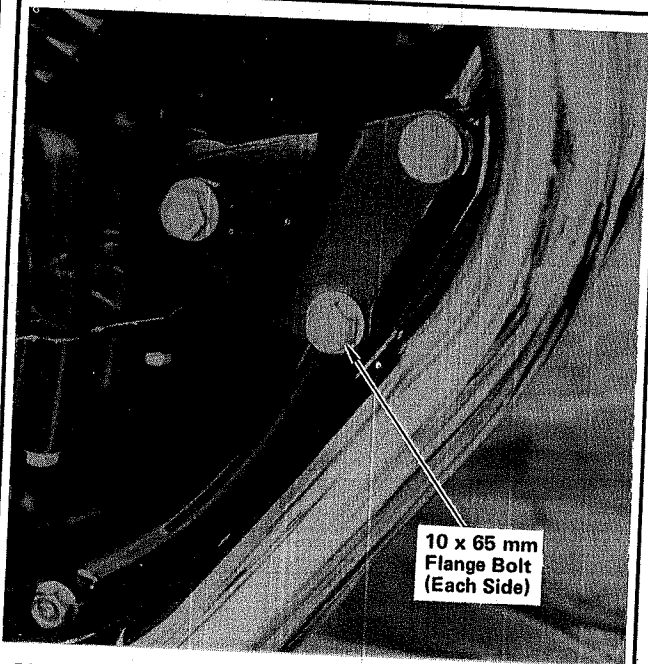
Torque specification:
1.0 kg-m (8 lb-ft)



STEP 17—Remove screws attaching lower shipping bracket to crate base on each side. Discard screws.

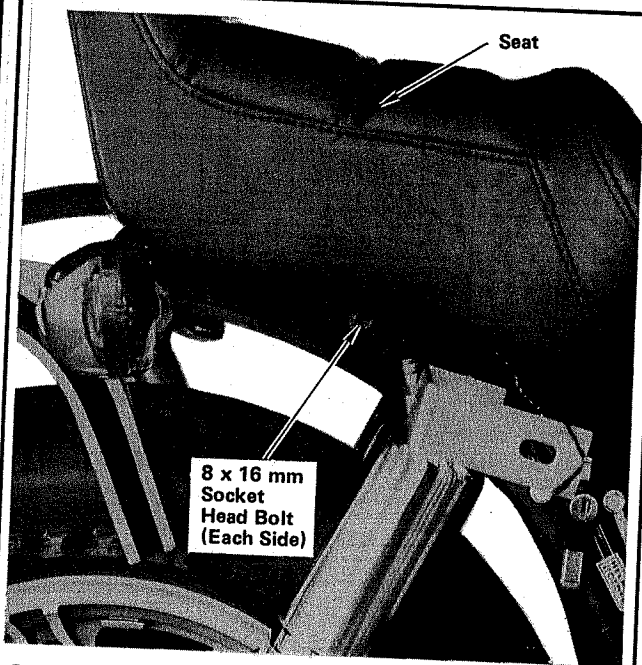


STEP 18—Remove 10 x 65 mm flange bolts and washers attaching lower shipping brackets to front engine mount brackets. Retain bolts for re-installation. Discard shipping brackets and 10 mm washers.

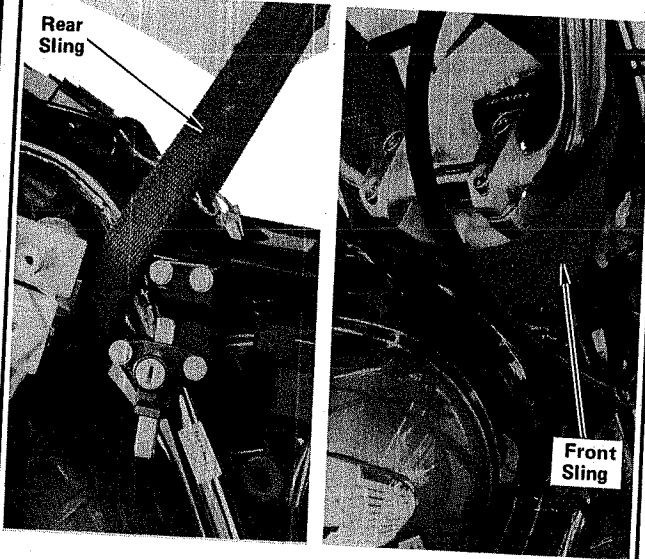


STEP 19—Reinstall 10 x 65 mm flange bolts removed in previous step. Tighten bolts to specified torque.

Torque specification:
4.0 kg-m (29 lb-ft)

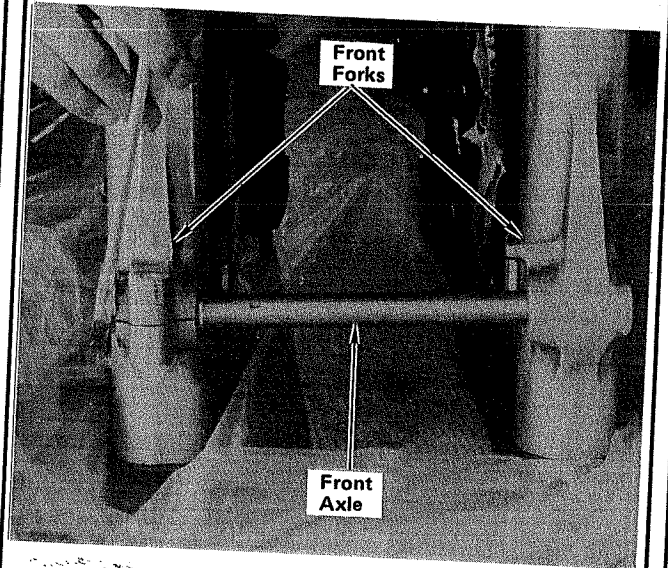


STEP 20—Remove and retain 8 x 16 mm socket head bolt on each side of seat. Remove seat.

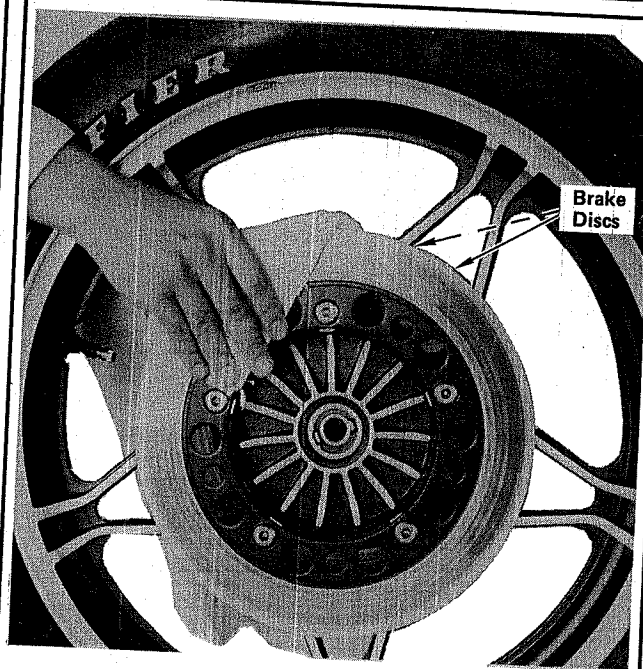


STEP 21—Position sling ropes as shown and lift motorcycle until rear wheel is clear of crate base, using a hoist or other lifting device. Remove remaining protective covering by removing rubber band.

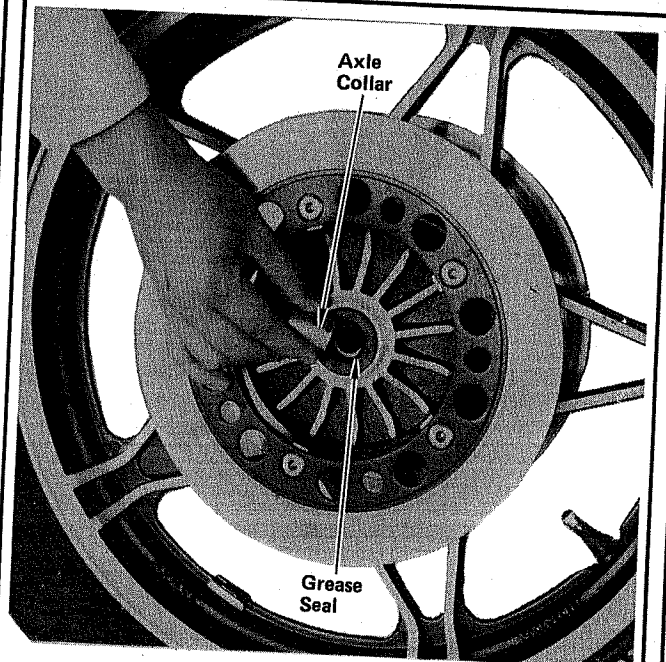
CAUTION: Use care not to damage wires or fuel tank with sling.



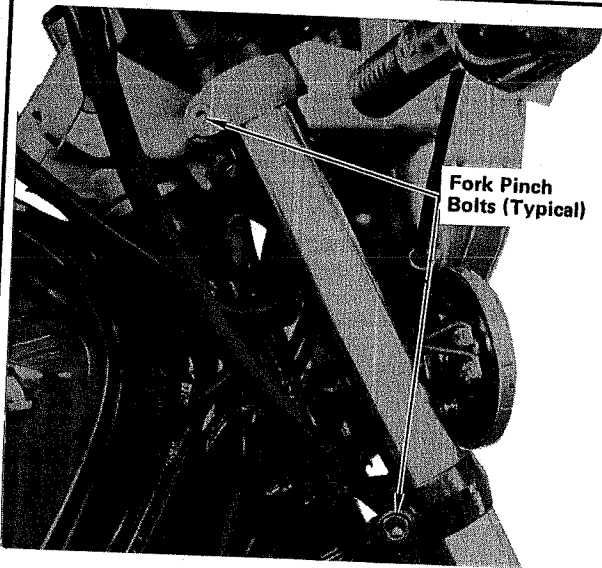
STEP 22—Unscrew and remove front axle from front forks.



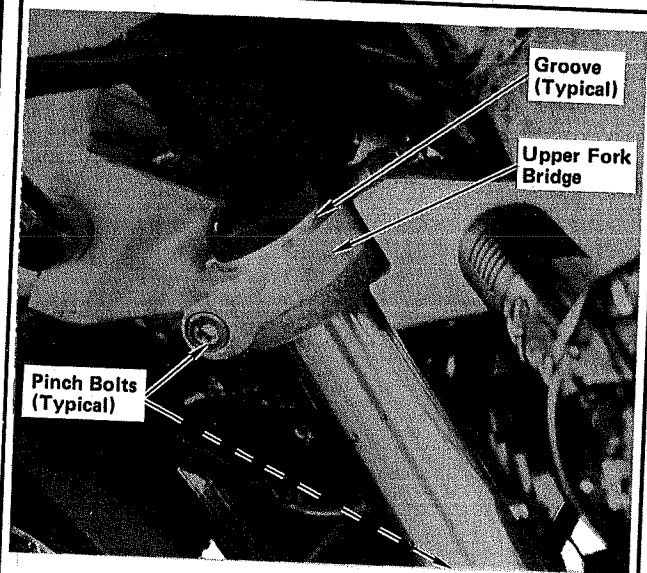
STEP 23—Thoroughly clean both sides of front and rear brake discs using a good quality degreasing agent. Wipe with a clean cloth.



STEP 24—Check that grease seal is clean and full of grease. Insert axle collar into front wheel grease seal.



STEP 25—Loosen right and left fork pinch bolts in upper and lower fork bridges.

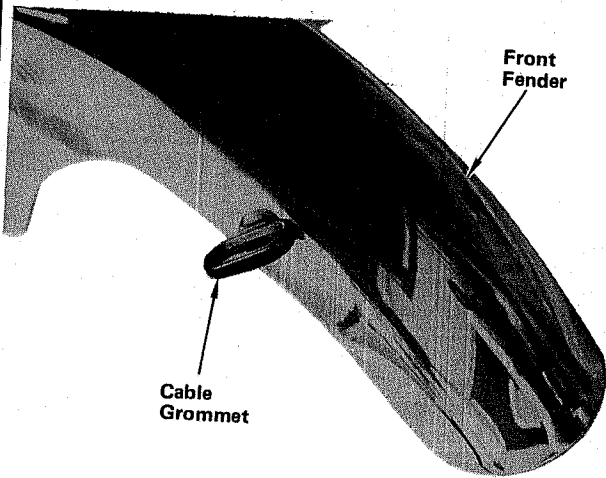


STEP 26—Slide right and left fork tubes down until groove in top of each fork tube is aligned with top of upper fork bridge. Tighten fork pinch bolts to specified torque.

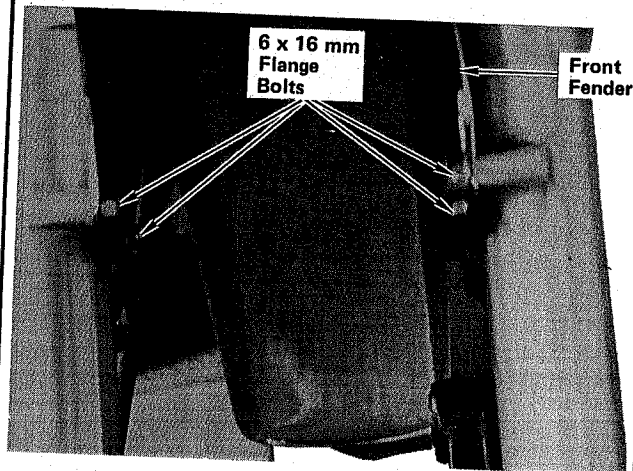
Torque specifications:

Upper pinch bolts: 1.1 kg-m (9 lb-ft)

Lower pinch bolts: 4.4 kg-m (32 lb-ft)



STEP 27—Insert cable grommet into hole in front fender.

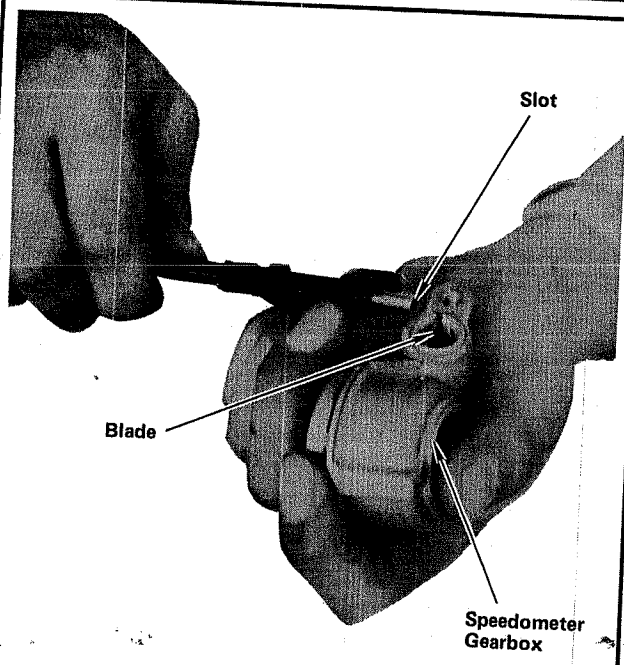


STEP 28—Insert front fender between fork legs from the rear. Attach fender brackets to fork legs using four 6 x 16 mm flange bolts through fender brackets. Tighten bolts to specified torque.

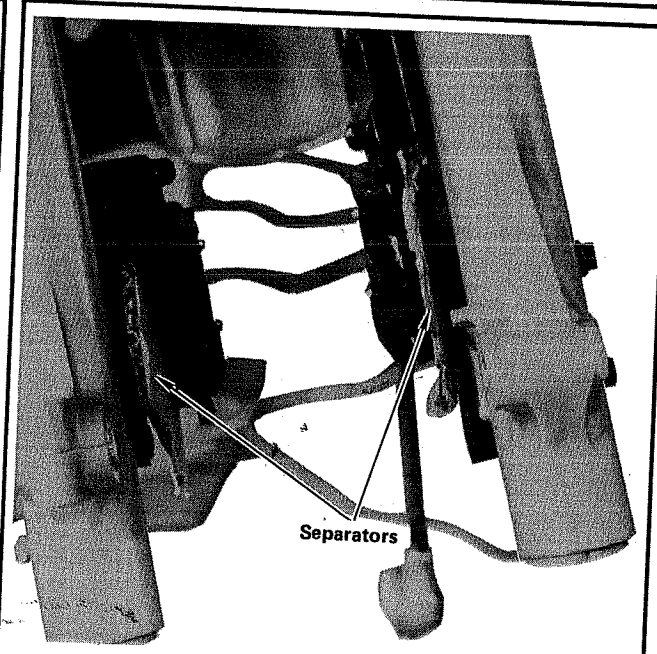
NOTE: Be sure speedometer cable grommet is on left side.

Torque specification:

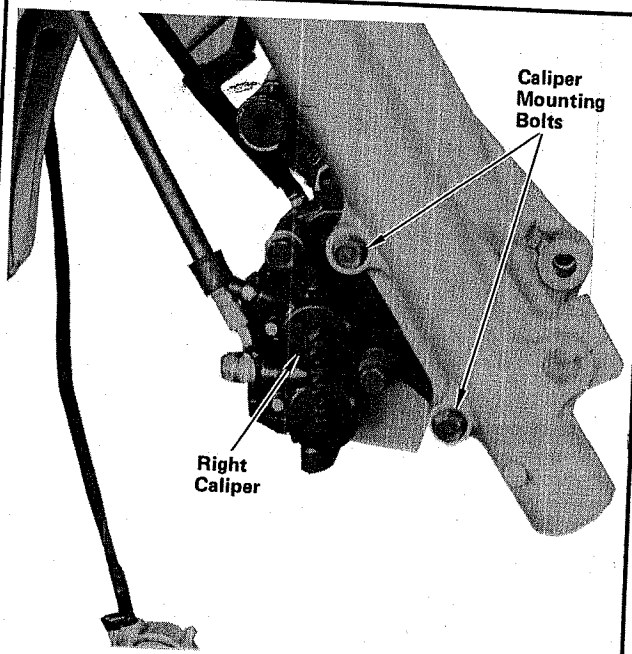
1.0 kg-m (8 lb-ft)



STEP 29—Route speedometer cable down through cable grommet. Insert end of speedometer cable into speedometer gearbox, aligning slot in cable with blade in gearbox. Secure cable with a 5 x 20 mm screw. Tighten screw securely.

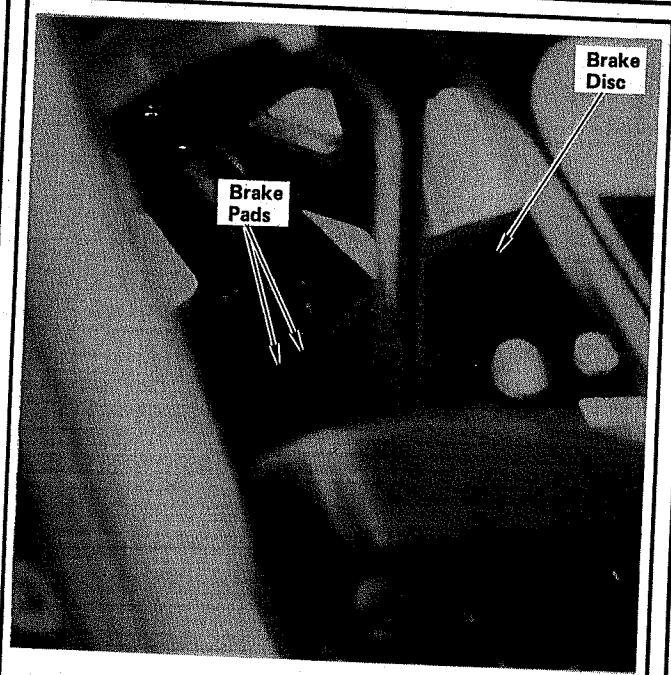


STEP 30—Remove separators from between brake pads.

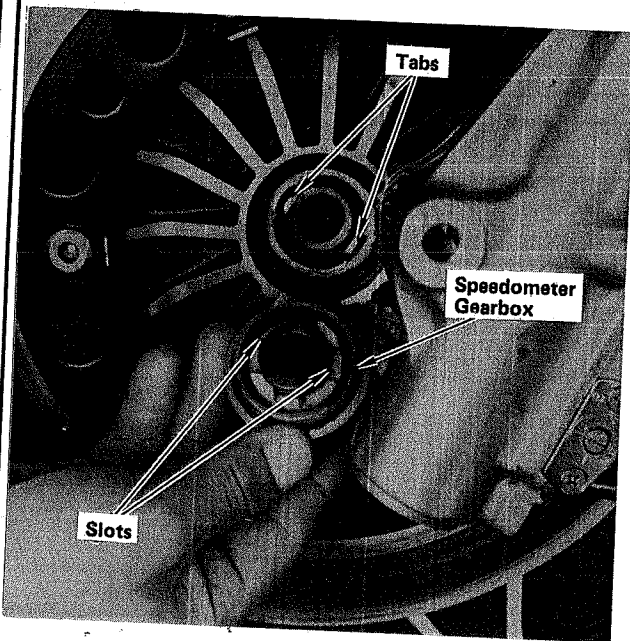


STEP 31—Remove right front brake caliper by removing caliper mounting bolts. Retain bolts for reinstallation.

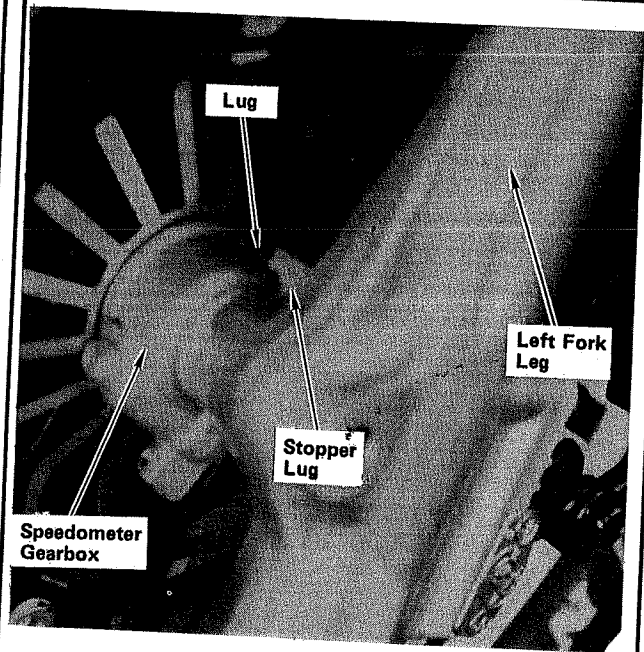
CAUTION: Support caliper so that it does not hang from brake hose. Do not twist brake hose.



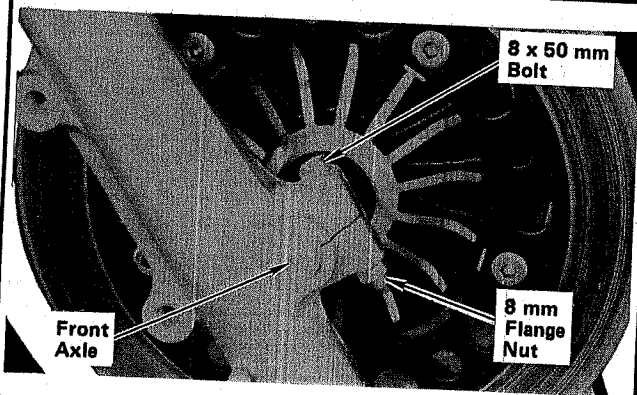
STEP 32—Position front wheel between fork legs with axle collar on right side, while just starting left brake disc between brake pads.



STEP 33—Install speedometer gearbox, making sure slots are aligned with tabs in wheel hub, while working brake disc between brake pads.



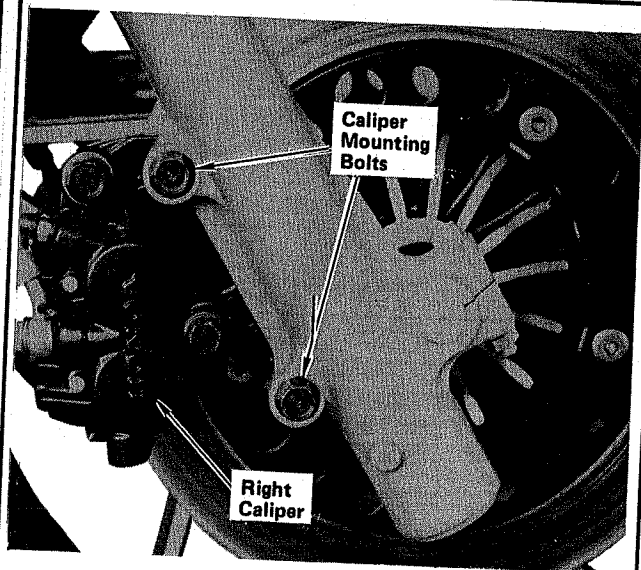
STEP 34—Rotate speedometer gearbox lug up against rear of stopper lug on left fork leg.



STEP 35—Insert front axle through right fork leg, axle collar, wheel hub and speedometer gearbox. Screw axle into left fork leg. Rotate speedometer gearbox lug up against rear of stopper on left fork leg and tighten front axle to specified torque. Install 8 x 50 mm holding bolt and 8 mm flange nut and tighten to specified torque while holding right fork leg against axle collar.

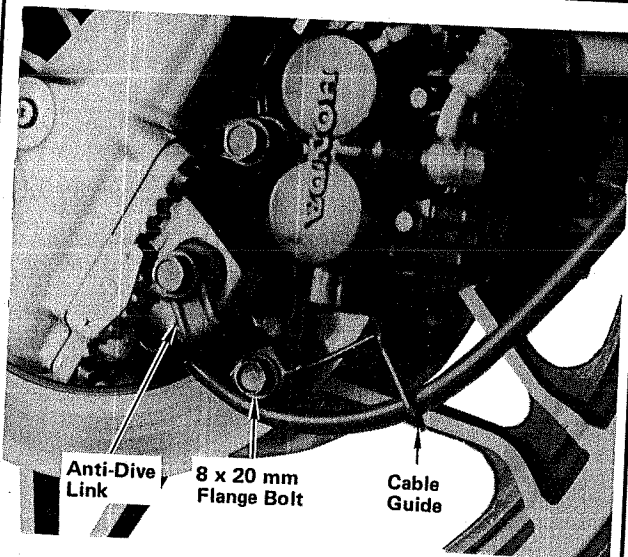
Torque specifications:

- Front axle: 6.0 kg-m (44 lb-ft)
- Axle holder bolt: 2.0 kg-m (15 lb-ft)



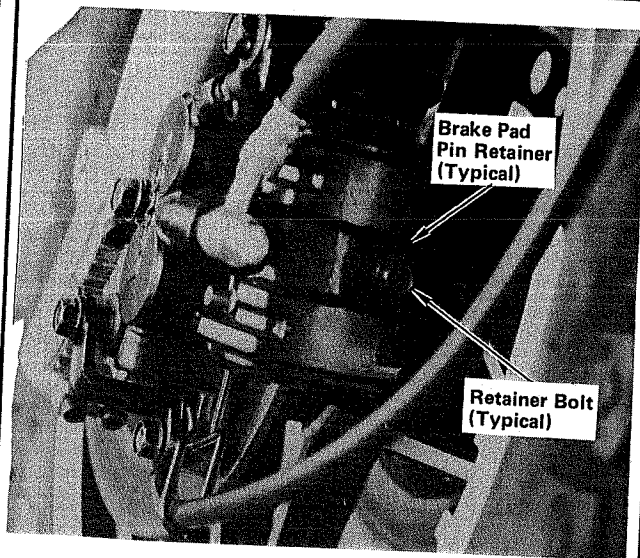
STEP 36—Reinstall right brake caliper by fitting brake disc between brake pads and using mounting bolts removed in Step 31. Tighten bolts to specified torque.

Torque specification:
3.5 kg-m (26 lb-ft)

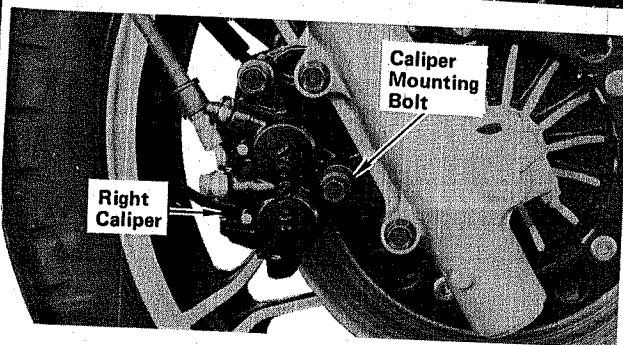
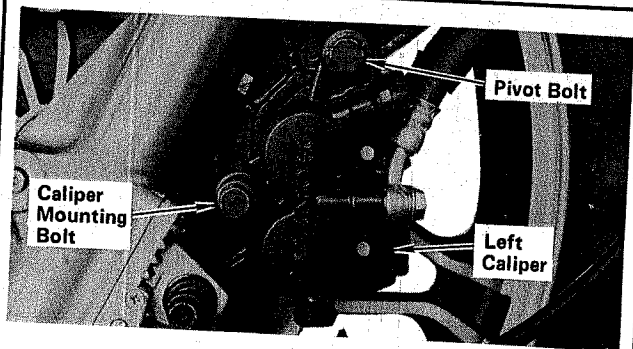


STEP 37—Remove 8 mm caliper bolt indicated. Position speedometer cable guide as shown and reinstall 8 mm bolt through cable guide, anti-dive link, and into brake caliper. Tighten 8 mm caliper bolt to specified torque. Insert speedometer cable into cable guide.

Torque specification:
2.2 kg-m (16 lb-ft)

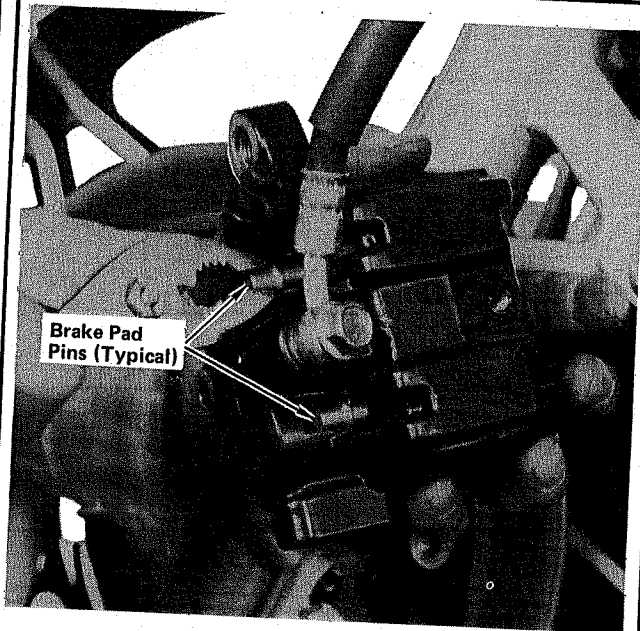


STEP 38—Remove brake pad pin retainers from front and rear brake calipers by removing retainer bolt from each caliper.

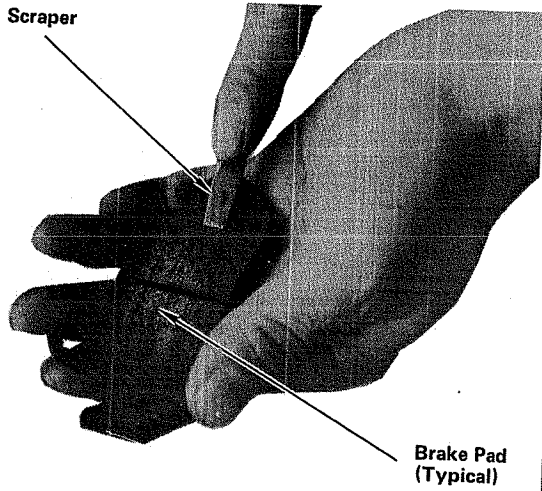


STEP 39—Remove right and left brake calipers by removing indicated bolts.

NOTE: Only left caliper requires removal of pivot bolt.



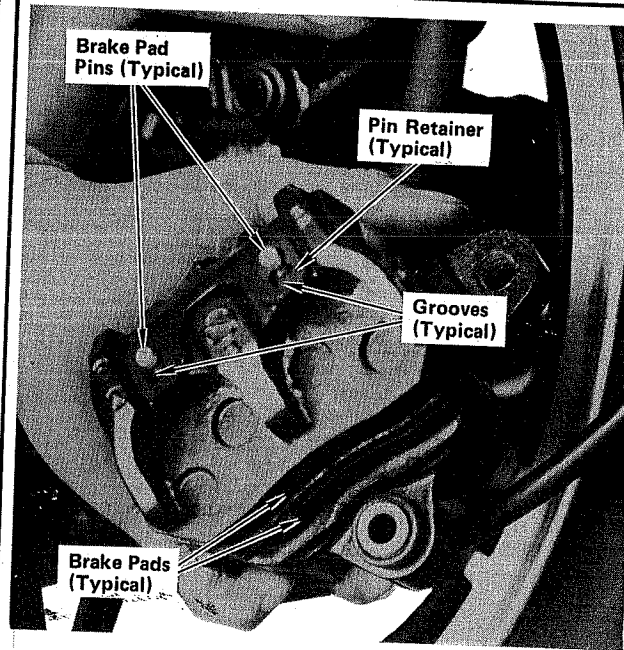
STEP 40—Remove brake pad pins and remove brake pads from calipers.



Scraper

Brake Pad (Typical)

STEP 41—Scrape off all preservative and residue from each brake pad.



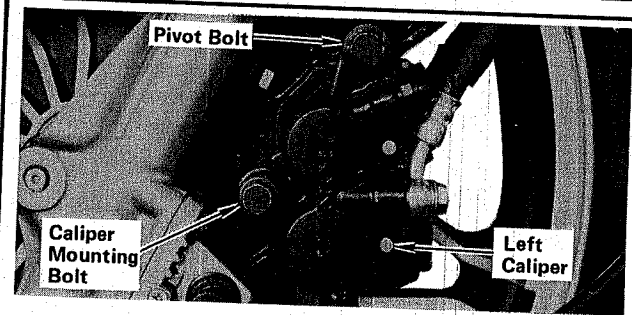
Brake Pad Pins (Typical)

Pin Retainer (Typical)

Grooves (Typical)

Brake Pads (Typical)

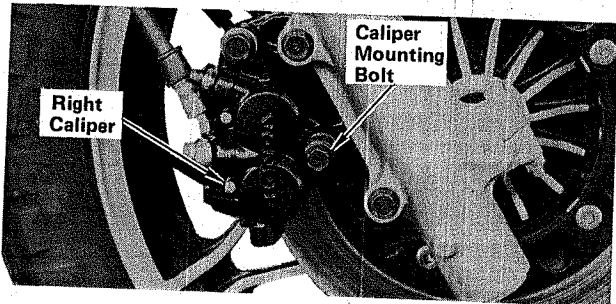
STEP 42—In each caliper, reinstall brake pads, brake pad pins and pin retainer. Be sure pins are pushed in so groove in each pin is even with surface of caliper.



Pivot Bolt

Caliper Mounting Bolt

Left Caliper



Right Caliper

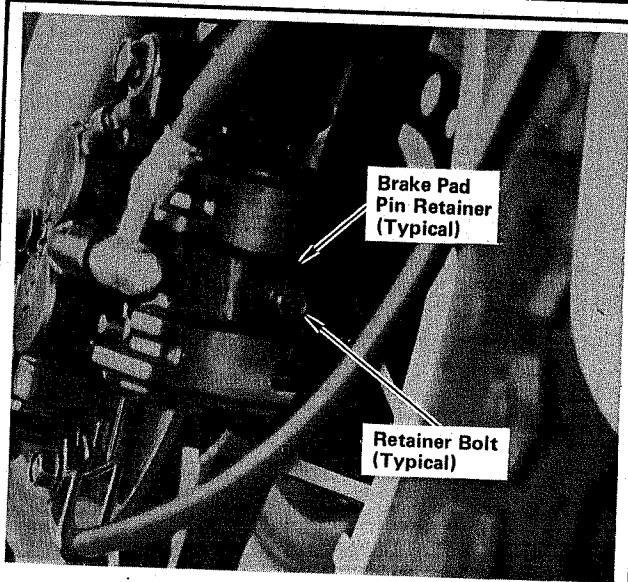
Caliper Mounting Bolt

STEP 43—Reinstall brake calipers using bolts removed in Step 39. Tighten bolts to specified torque.

Torque specifications:

Mounting bolts: 2.2 kg-m (16 lb-ft)

Left pivot bolt: 3.5 kg-m (26 lb-ft)



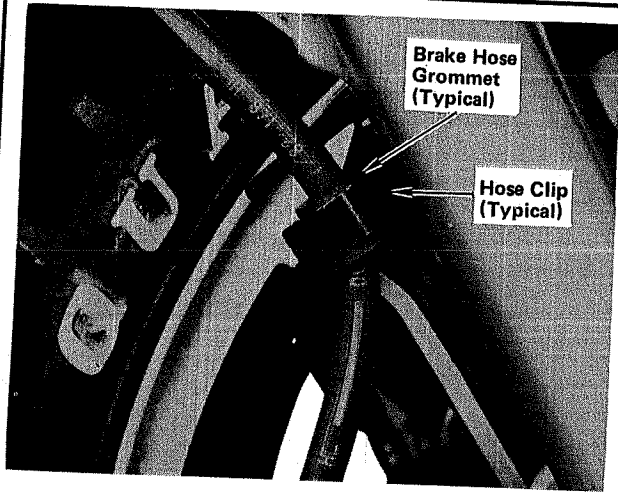
Brake Pad Pin Retainer (Typical)

Retainer Bolt (Typical)

STEP 44—Reinstall brake pad pin retainers and retainer bolts. Tighten bolts to specified torque.

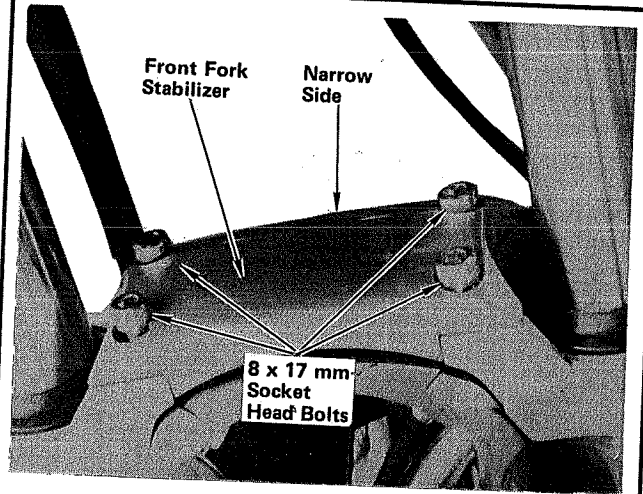
Torque specification:

1.0 kg-m (8 lb-ft)



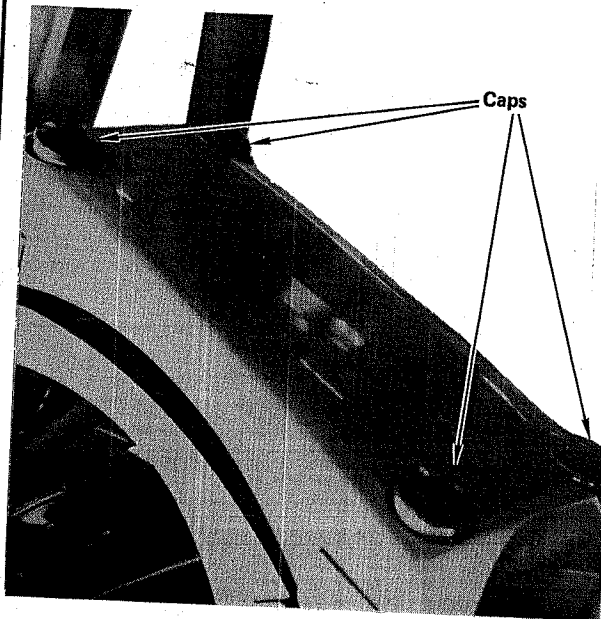
STEP 45—Position each front brake hose grommet on brake hose by brake hose clip. Press each grommet into hose clip on fender bracket as shown. Squeeze clips just enough to hold grommets. Make sure there is clearance between clips and front wheel.

WARNING Do not overtighten hose clips, otherwise brake hoses may be damaged.

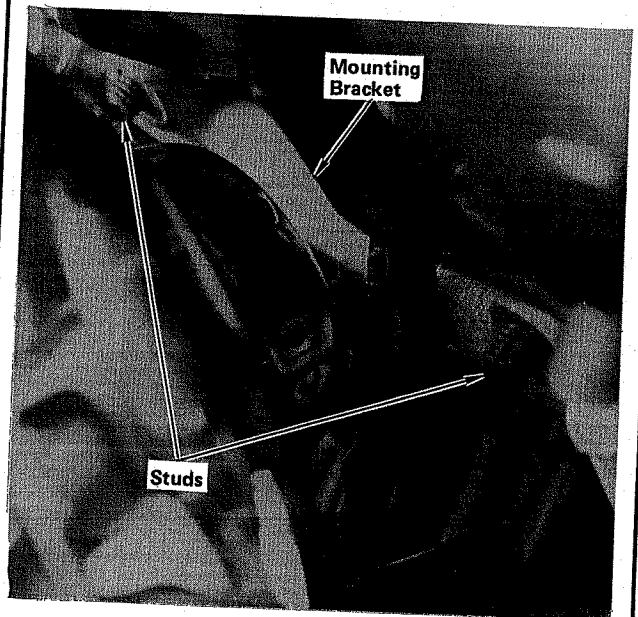


STEP 46—Position front fork stabilizer between fork legs with narrow side towards the rear. Install stabilizer using four 8 x 17 mm socket head bolts. Tighten bolts to specified torque.

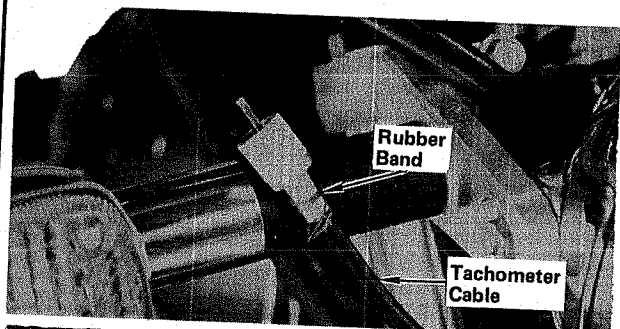
Torque specification:
2.3 kg-m (17 lb-ft)



STEP 47—Install four caps in recesses of socket head bolts.

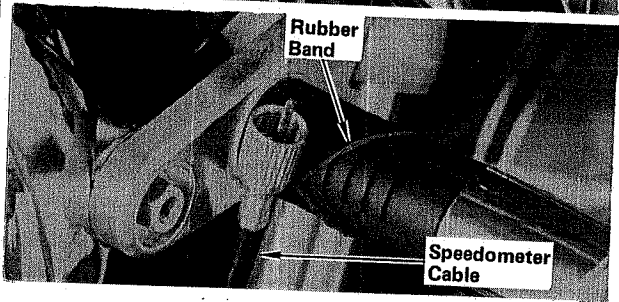


STEP 48—Remove protective wrapping from instruments. Insert studs on instruments down through holes in mounting bracket as shown.



Rubber Band

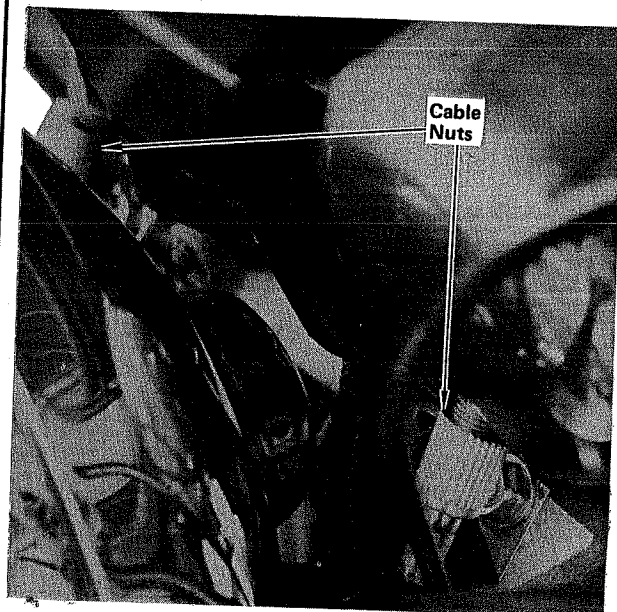
Tachometer Cable



Rubber Band

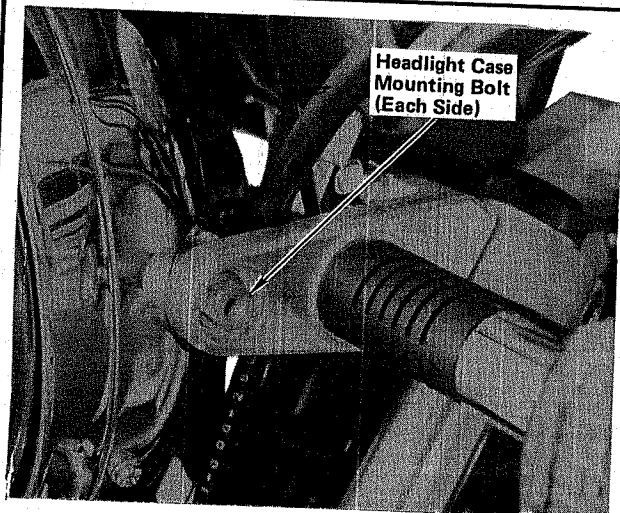
Speedometer Cable

STEP 49—Release tachometer and speedometer cables from front turn signal mounts by removing rubber bands.



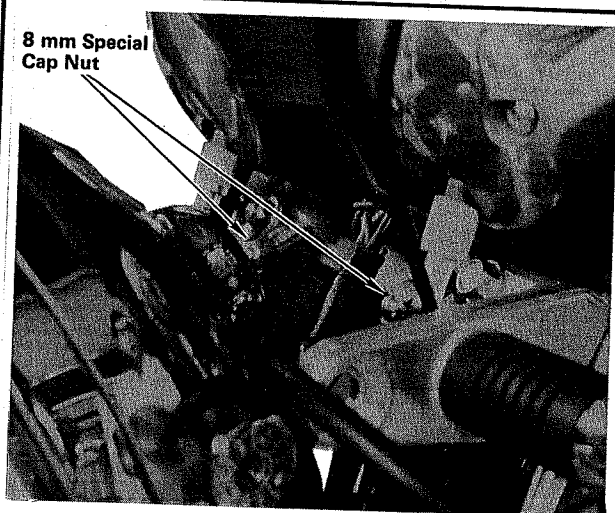
Cable Nuts

STEP 50—Connect speedometer and tachometer cables to their respective instruments and tighten cable nuts with pliers so they cannot be loosened with fingers.



Headlight Case Mounting Bolt (Each Side)

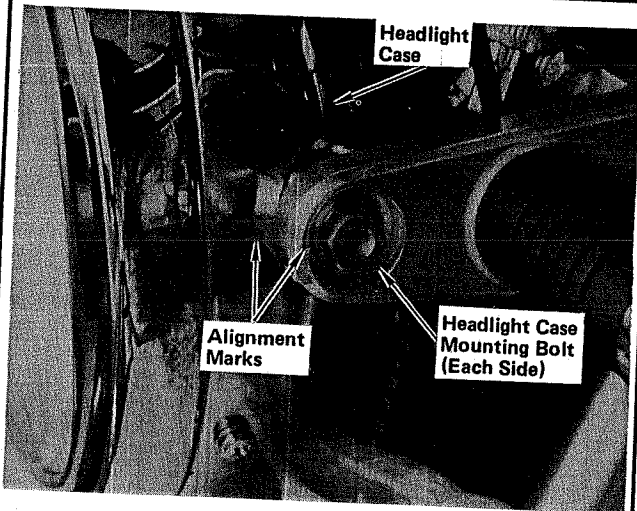
STEP 51—Remove and retain the two headlight case mounting bolts.



8 mm Special Cap Nut

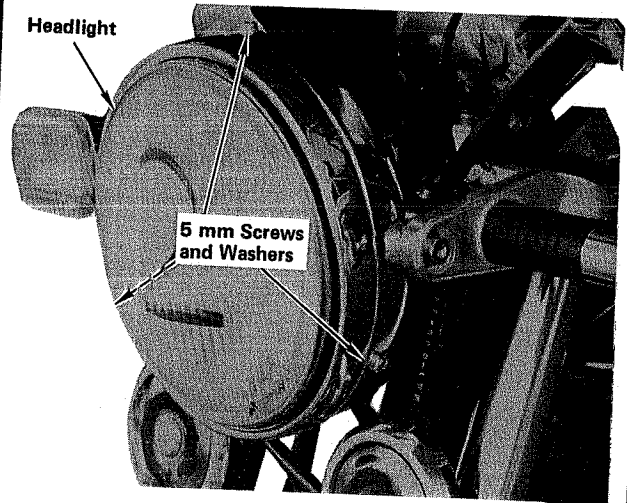
STEP 52—Place a pad between headlight case and horns. Carefully pull headlight case down and install an 8 mm special cap nut on each instrument panel stud. Tighten cap nuts to specified torque.

Torque specification:
2.1 kg-m (16 lb-ft)

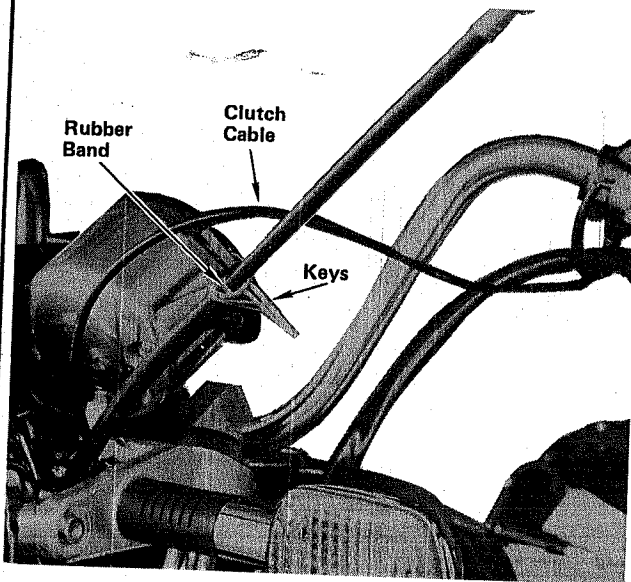


STEP 53—Reinstall headlight case using bolts removed in Step 51. Align marks on case with marks on brackets and tighten bolts to specified torque. Be sure clutch cable is routed inside headlight bracket.

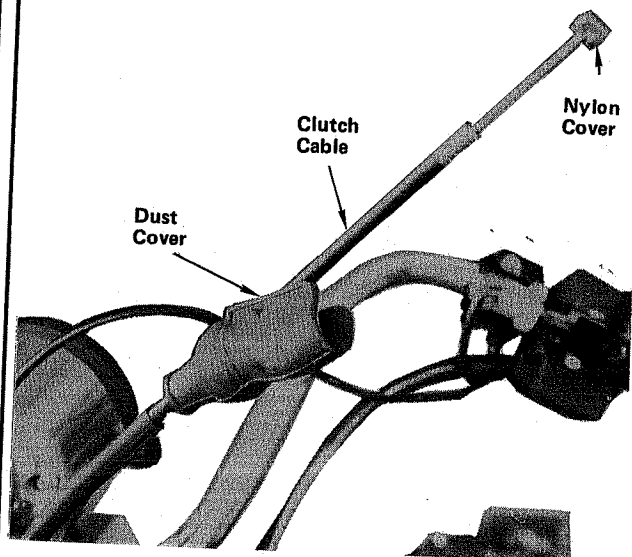
Torque specification:
3.5 kg-m (26 lb-ft)



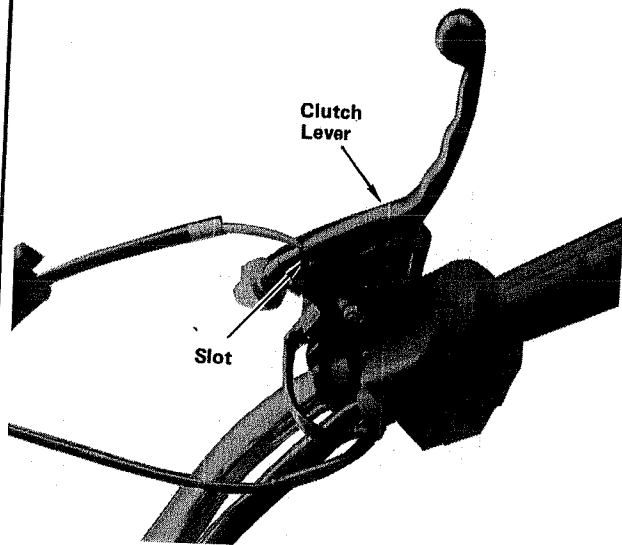
STEP 54—Remove headlight by removing three 5 mm screws and washers from headlight case. Check that all connectors and connections are connected correctly and are tight. Reinstall headlight using screws and washers removed. Tighten screws securely.



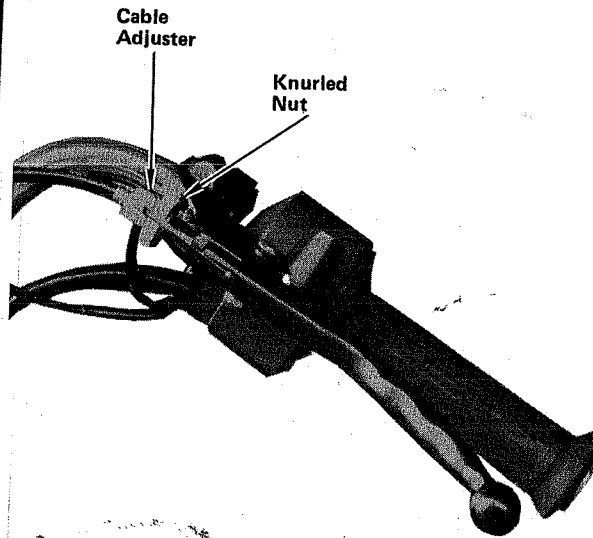
STEP 55—Remove ignition keys from clutch cable by removing rubber band. Insert key in ignition switch.



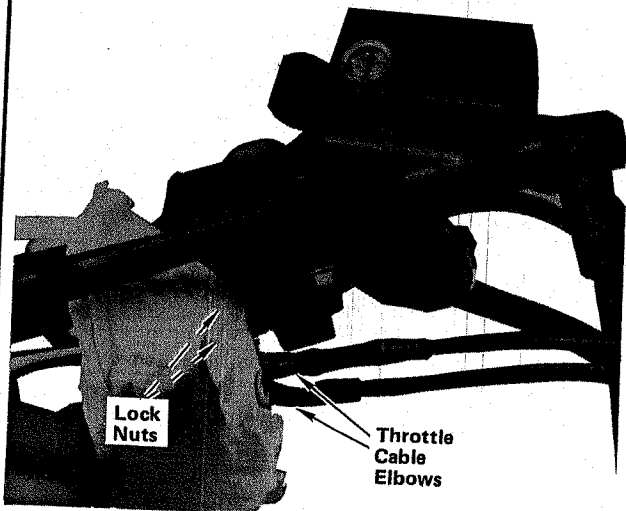
STEP 56—Slip dust cover over clutch cable as shown and check that nylon cover is over end of clutch cable.



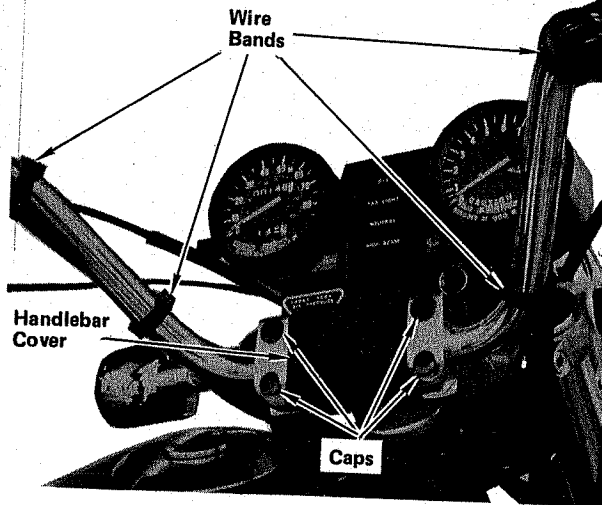
STEP 57—Insert end of clutch cable into slot in clutch lever.



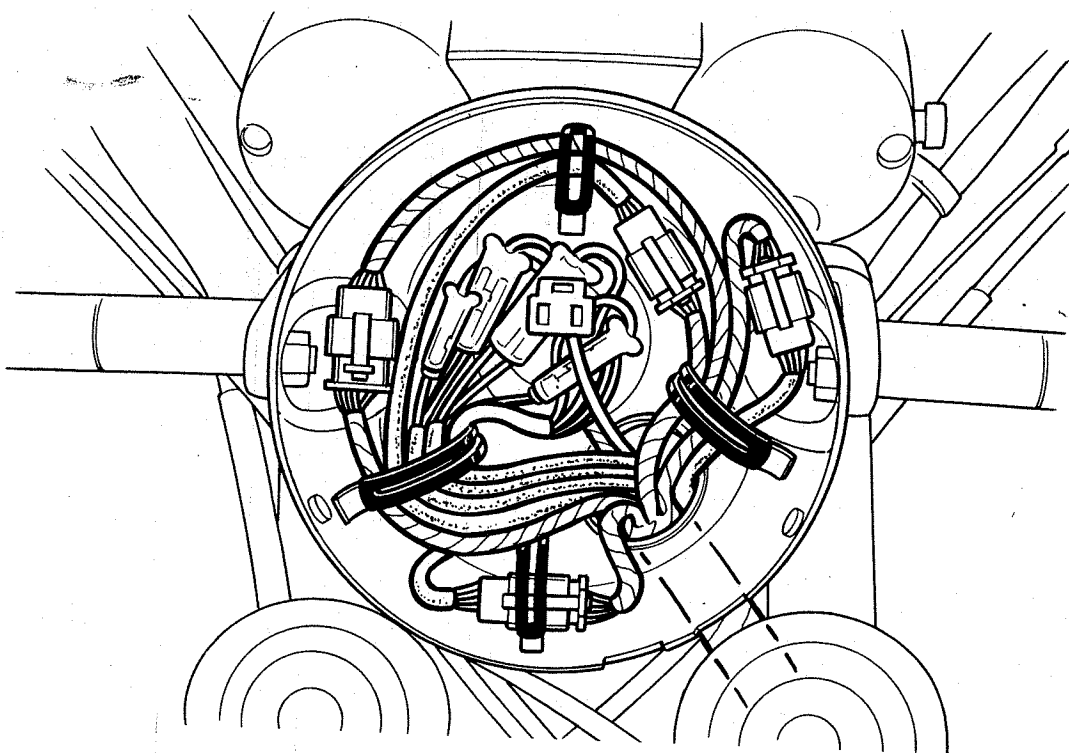
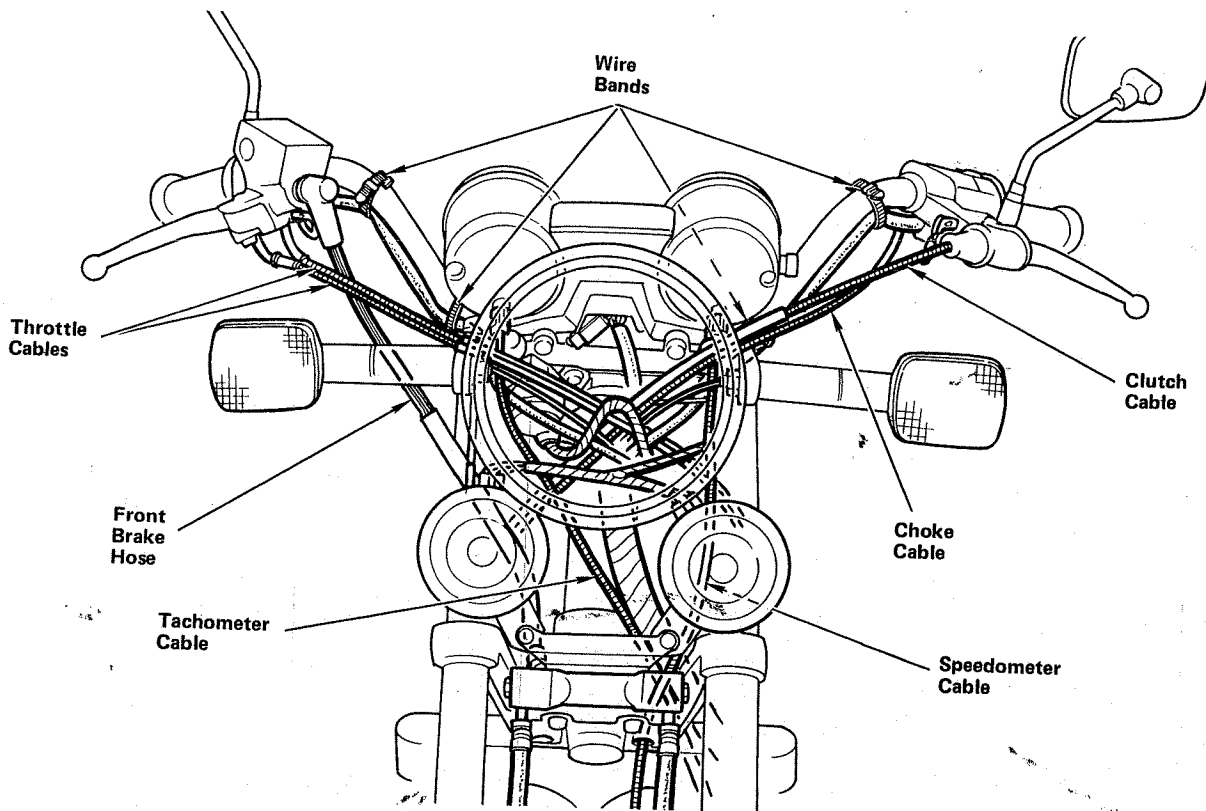
STEP 58—Pull clutch cable back through slots in knurled nut and cable adjuster. Adjust clutch as described in Step 93. Stagger slots in cable adjuster and knurled nut. Install dust cover after adjustment.



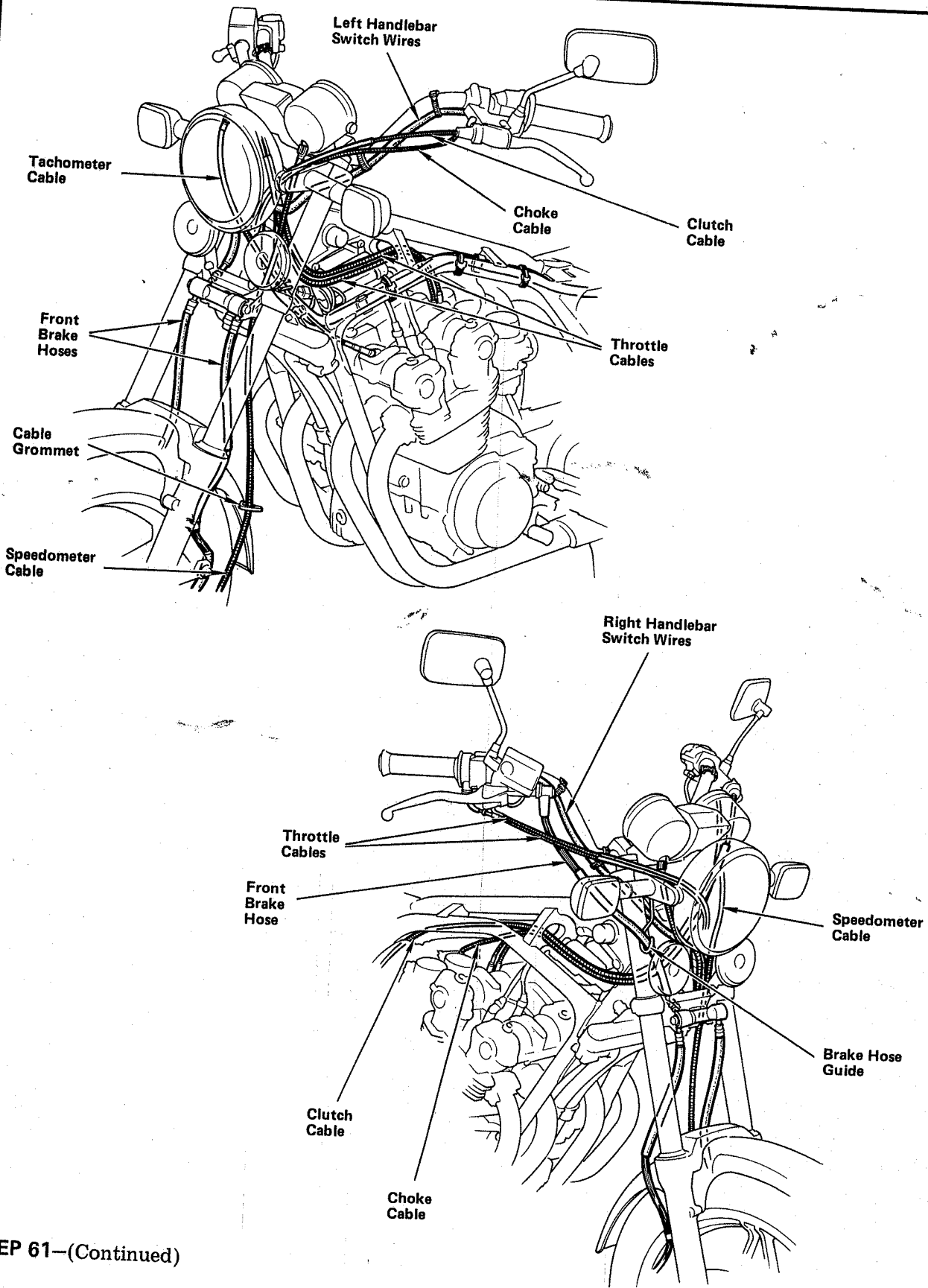
STEP 59—Position throttle cable elbows as shown and tighten lock nuts with pliers using a cloth to protect lock nuts.



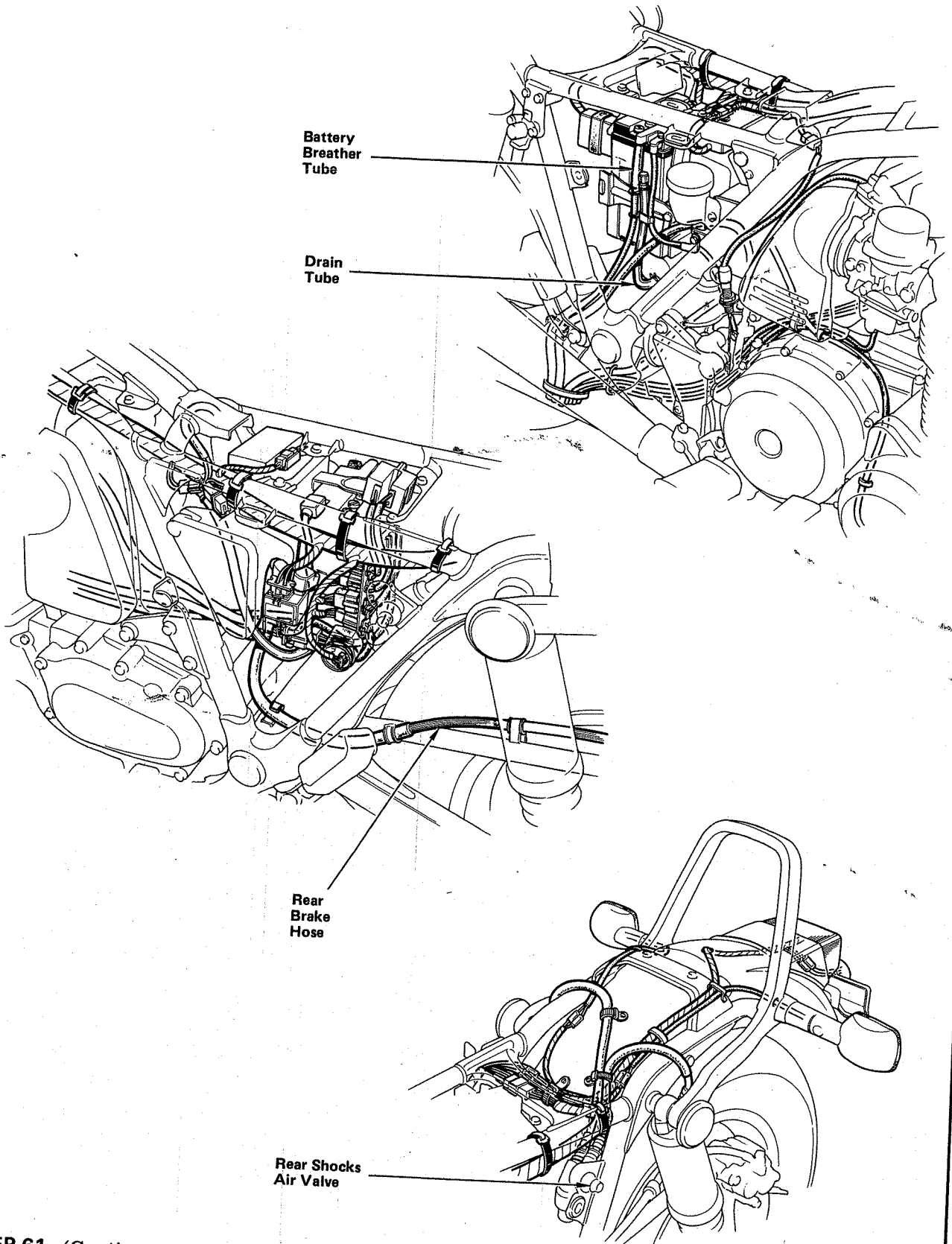
STEP 60—Install four caps in socket bolt recesses. Strap right and left handlebar switch wires to handlebar using four wire bands positioned where shown. Install handlebar cover on handlebar between upper handlebar holders as shown.



STEP 61—Check for correct routing of wire harness, all cables and front brake hoses. Make sure all wires in headlight case are connected correctly.

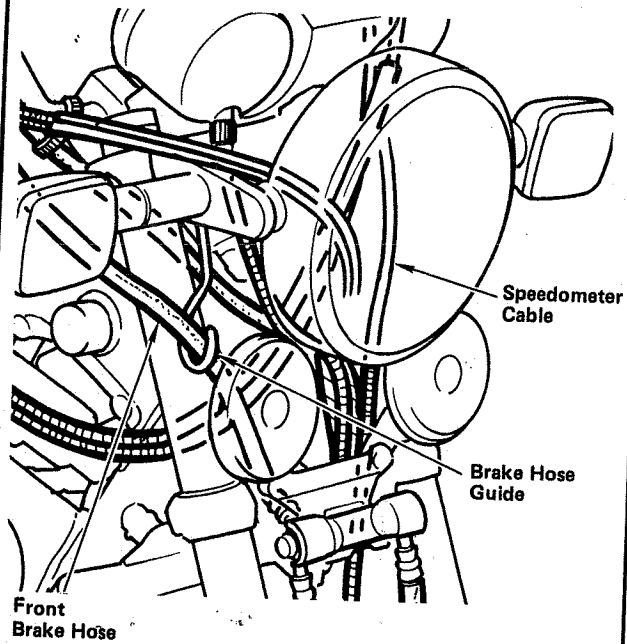


STEP 61--(Continued)

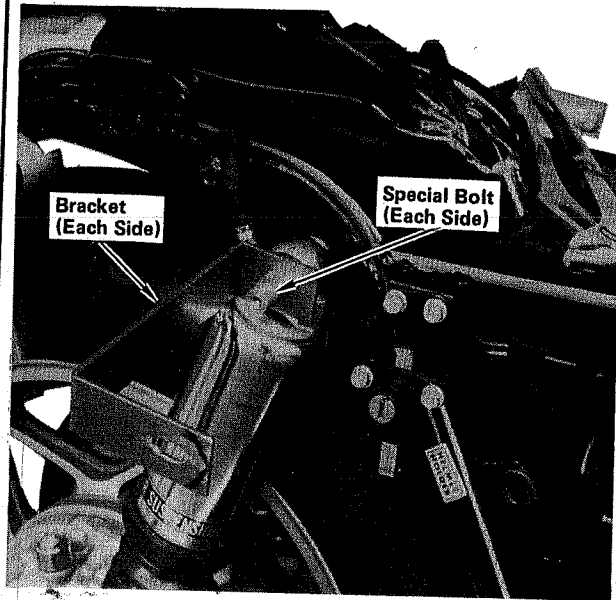


STEP 61—(Continued)

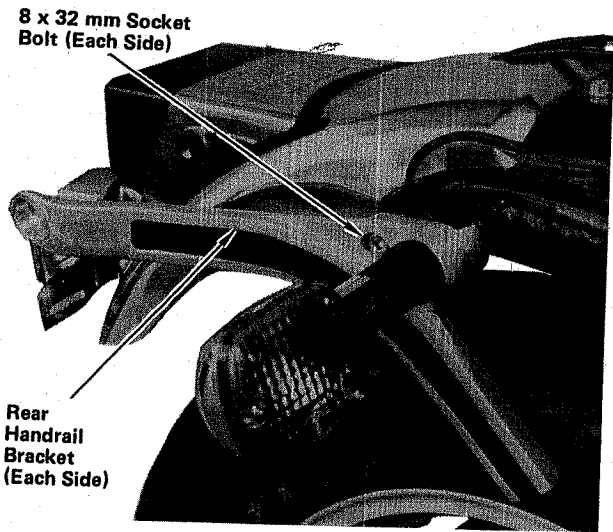
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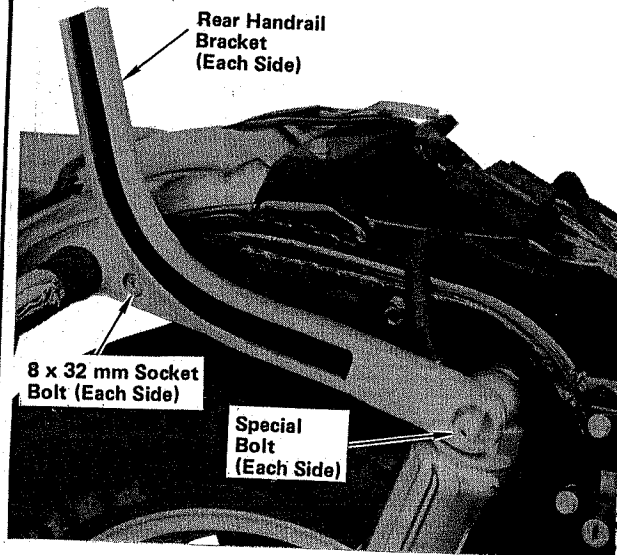
STEP 62—Route front brake hose through brake hose guide and position guide where shown.



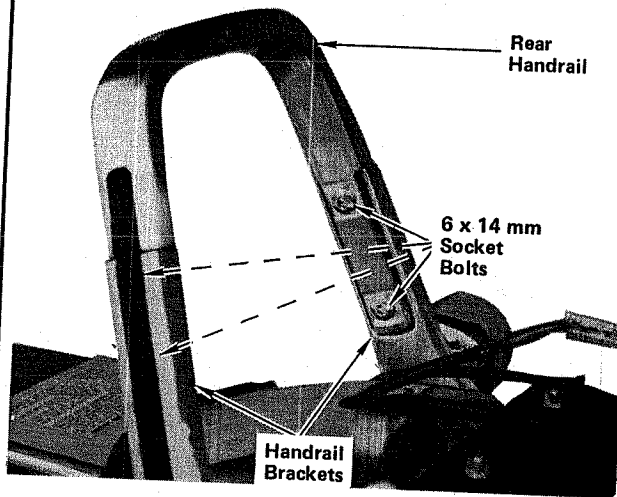
STEP 63—Remove and retain special bolts attaching rear shipping bracket to upper shock mount on each side. Discard brackets.



STEP 64—Remove right and left rear handrail brackets by removing an 8 x 32 mm socket bolt from each. Retain bolts for reinstallation.



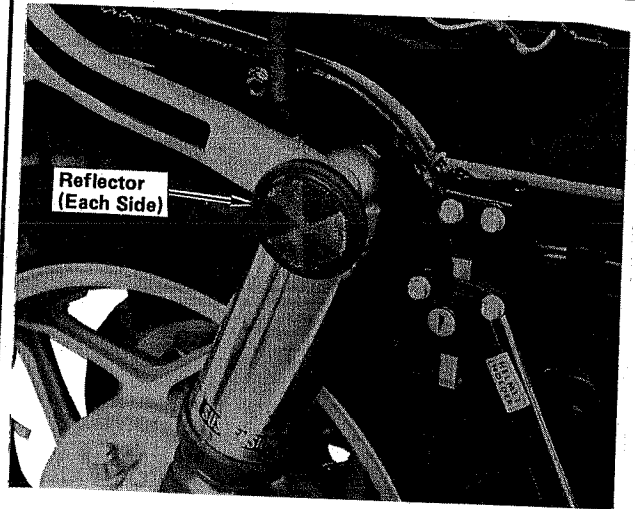
STEP 65—Install right and left rear handrail brackets as shown, using an 8 x 32 mm socket bolt removed in Step 64, and the special bolt removed in Step 63 for each. Do not tighten bolts at this time.



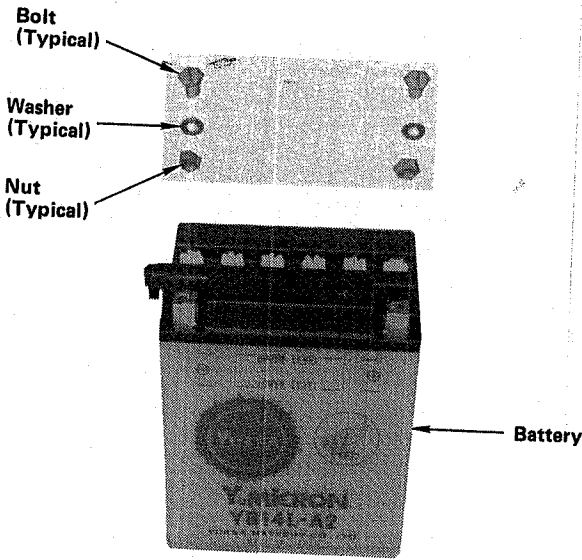
STEP 66—Slide rear handrail down into handrail brackets as shown and loosely install using four 6 x 14 mm socket bolts. Tighten rear handrail and handrail bracket bolts to specified torque.

Torque specifications:

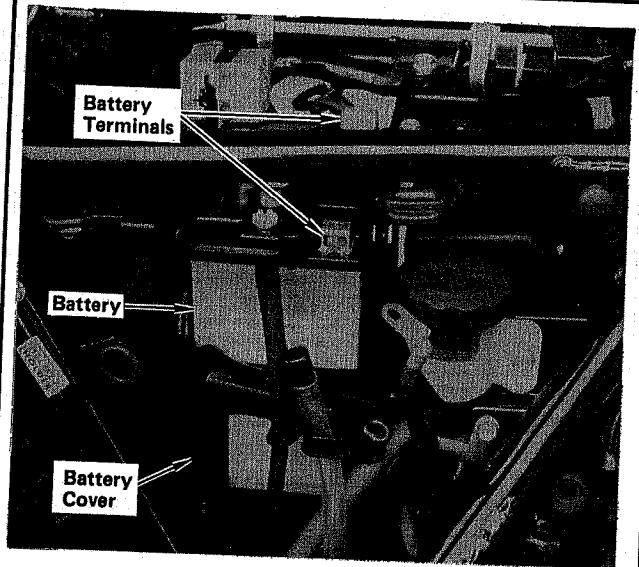
- 8 x 32 mm bolts: 2.1 kg-m (16 lb-ft)
- 6 x 14 mm bolts: 1.1 kg-m (8 lb-ft)
- 10 mm special bolts: 4.0 kg-m (29 lb-ft)



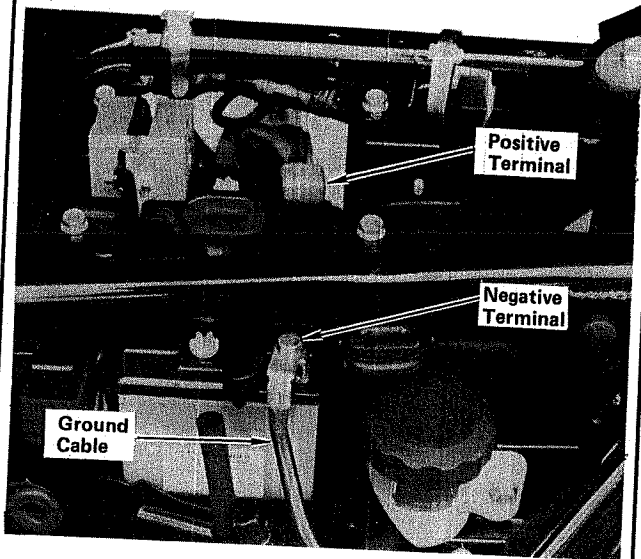
STEP 67—Screw reflectors into 10 mm special bolts as shown. Tighten reflectors securely.



STEP 68—Install a battery bolt with washer and nut on each terminal. Service battery as described in shop manual or battery preparation booklet packed with battery. Battery must be out of battery compartment. Remove and retain 6 mm bolt holding battery retainer. Open retainer.

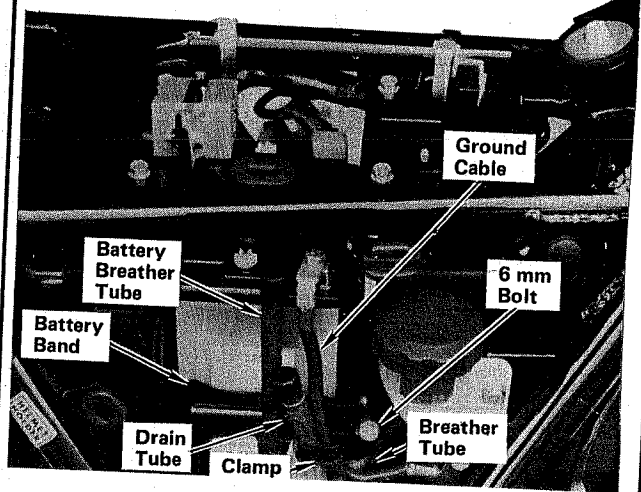


STEP 69—Put battery cover on battery and install battery in battery compartment with terminals facing forward.

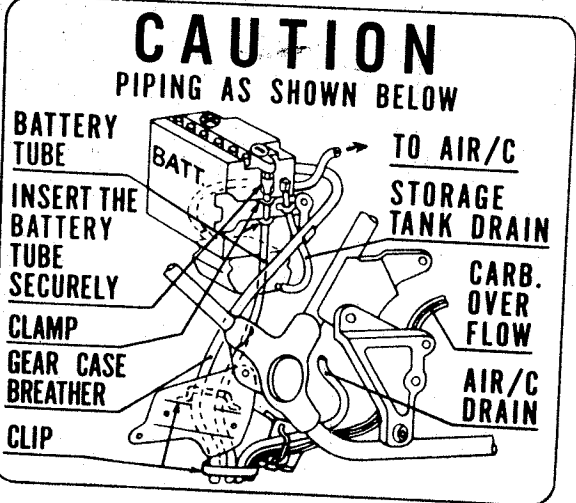


STEP 70—Connect positive cable (cable with cover attached) to battery positive terminal first, then connect ground cable to battery negative terminal. Tighten bolts securely.

CAUTION: Make sure positive battery cable is not forced against any metal parts.

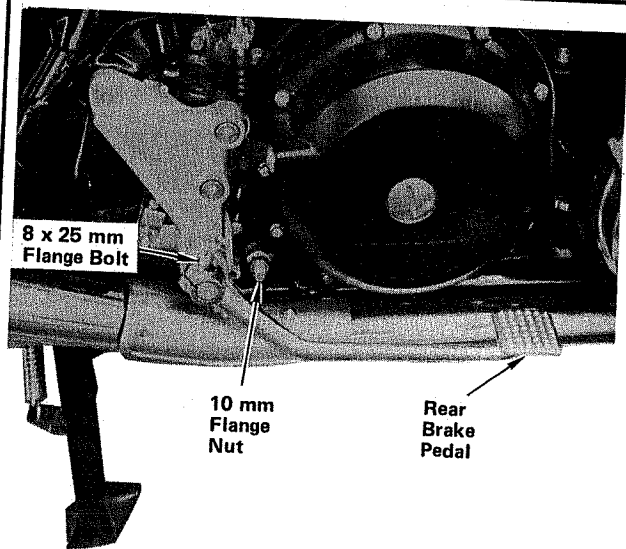


STEP 71—Reinstall battery retainer using bolt removed in Step 68. Insert ground cable and crankcase breather tube into clamp as shown. Squeeze clamp to retain cable and tube. Connect breather tube to battery breather outlet.

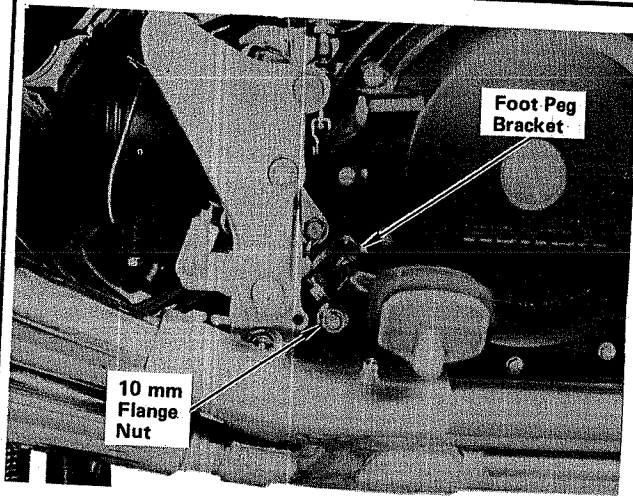


STEP 72—Check that battery breather tube is routed as shown on battery caution label located on the frame.

CAUTION: Check that battery breather tube is not kinked, twisted or pinched; otherwise battery may be damaged.

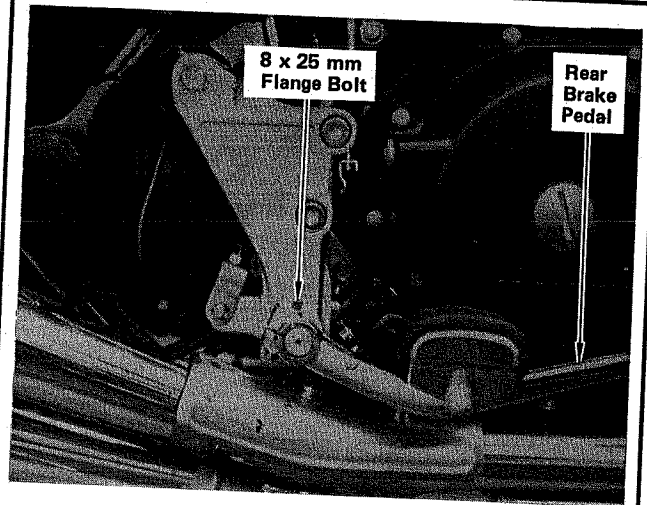


STEP 73—Remove rear brake pedal by removing 8 x 25 mm flange bolt. Retain bolt for re-installation. Remove and retain 10 mm flange nut from engine mount bolt.



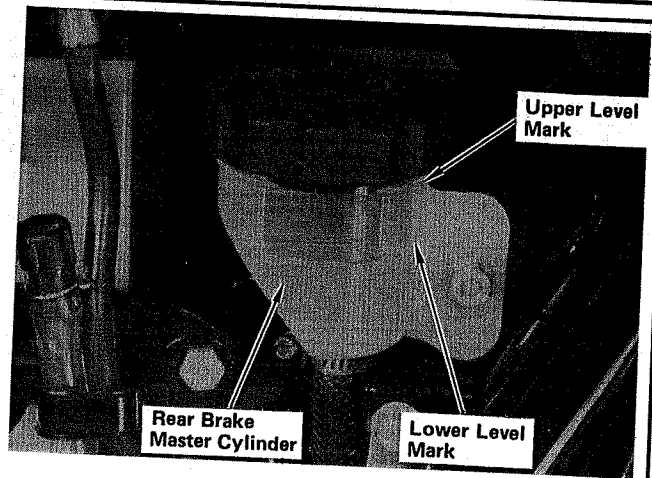
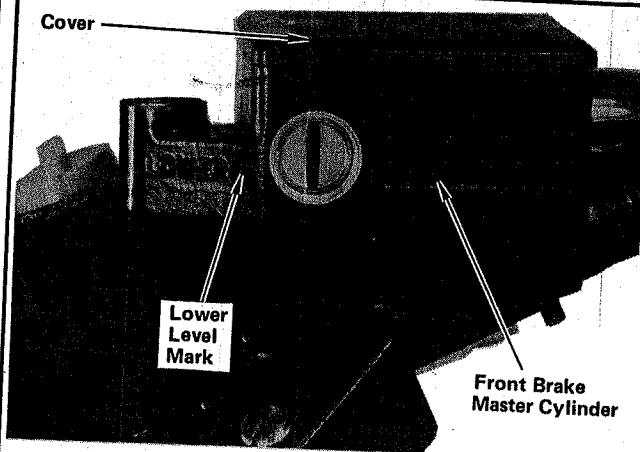
STEP 74—Install right foot peg bracket on 10 mm engine mount bolt as shown by aligning hole in bracket with pin on frame. Install 10 mm flange nut and tighten to specified torque.

Torque specification:
4.0 kg-m (29 lb-ft)



STEP 75—Reinstall rear brake pedal on pedal shaft so top of pedal is 5–10 mm (3/16–3/8 in.) below upper surface of foot peg rubber. Secure pedal using 8 x 25 mm flange bolt removed in Step 73. Tighten bolt to specified torque.

Torque specification:
2.1 kg-m (16 lb-ft)

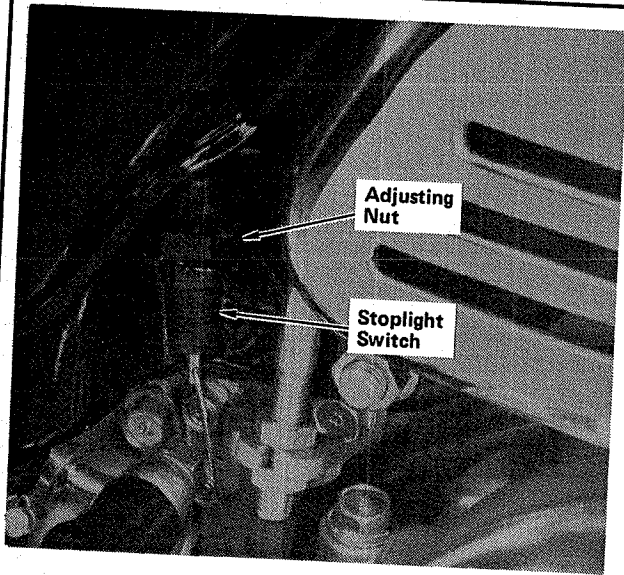


STEP 76—Check that brake fluid level is even with upper level mark on front and rear brake fluid reservoirs. Turn handlebars so reservoir is level. If necessary, remove cover, cap, and diaphragm. Add DOT 3 brake fluid from a sealed container. Reinstall diaphragm and cover and cap. Tighten screws (front) and cap (rear) securely. Operate brake lever and brake pedal. If free play is excessive, and reservoir is filled to correct level, air is in the system. Bleed brake system as described in shop manual.

WARNING Brake fluid can cause irritation. Avoid contact with skin or eyes.

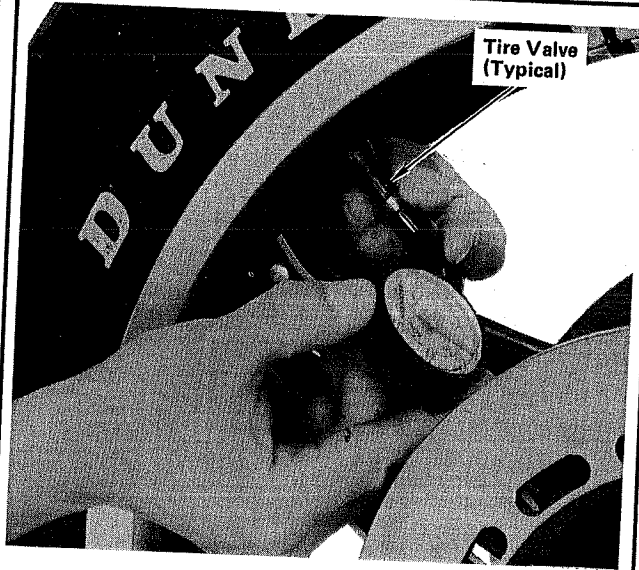
CAUTION: Use only DOT 3 brake fluid from a sealed container. Handle brake fluid with care as it can damage paint and instrument lenses.

NOTE: The hydraulic disc type brake requires no free play adjustments.



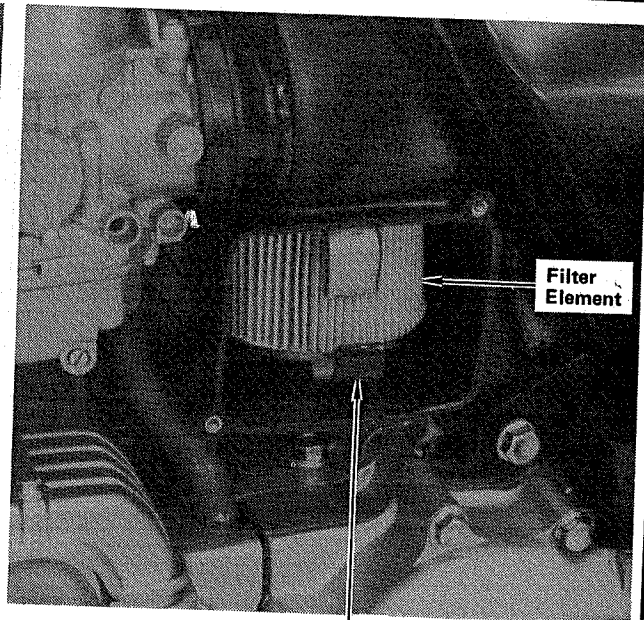
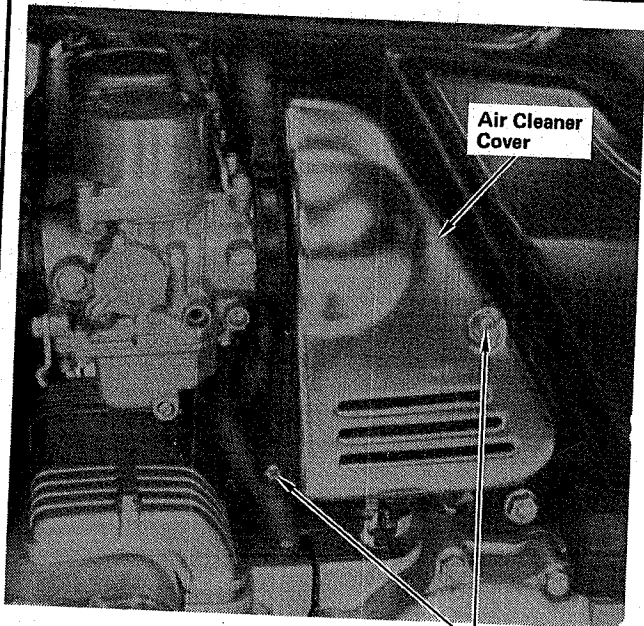
STEP 77—Turn ignition switch ON. Adjust rear stoplight switch so stoplight comes on when brake pedal is pressed and brake begins to engage. To adjust, turn adjusting nut as required.

CAUTION: Do not turn switch body.



STEP 78—Check the pressure.

| | | |
|--------|--------------|-------------------------|
| | Up to | 200 lb. load to maximum |
| | 200 lb. load | load capacity |
| Front: | 32 psi | 32 psi |
| Rear: | 32 psi | 40 psi |



STEP 79—Remove two screws and air cleaner cover. Pull out set spring and element. Check condition of element and clean, as described in owner's manual or shop manual. Install element, set spring, and cover.