

# Set-up Instructions

## 1983 Model CB1100F



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

### WARNING

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**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

# SET-UP INSTRUCTION REVISED PAGES

**Pages Affected**

1 through 32

**Orig. Issue Date**

10/82

**Rev. Date**

Original

**Remove and destroy superseded pages.**

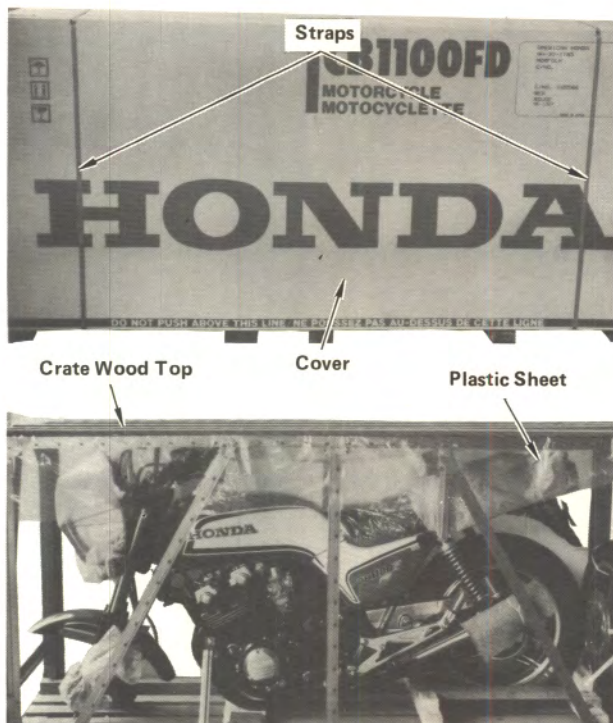
Pay special attention to warnings, cautions, and notes.

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

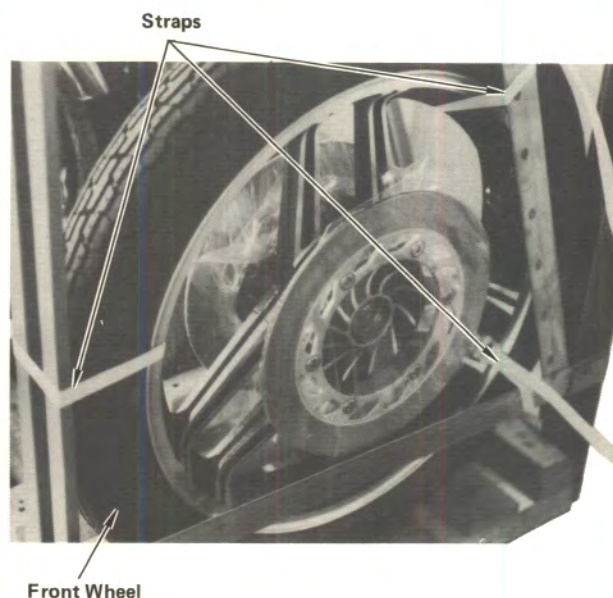
**CAUTION:** means hazards or unsafe practices which could cause minor personal injury or product or property damage.

*NOTE:* gives helpful information.

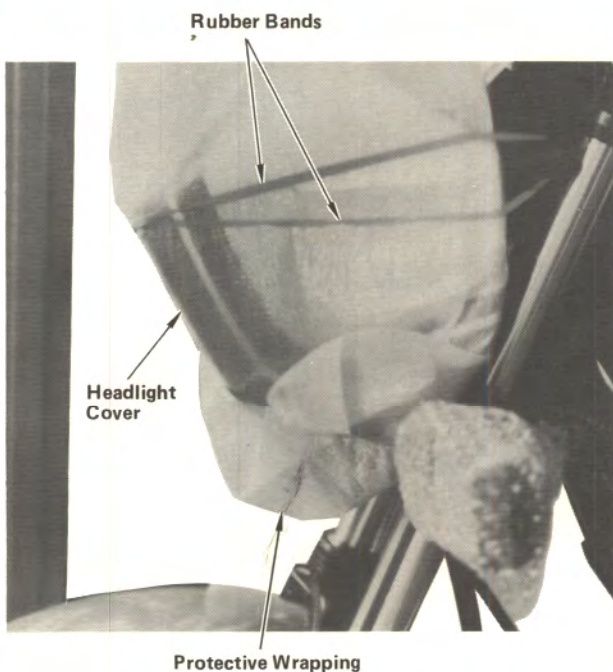
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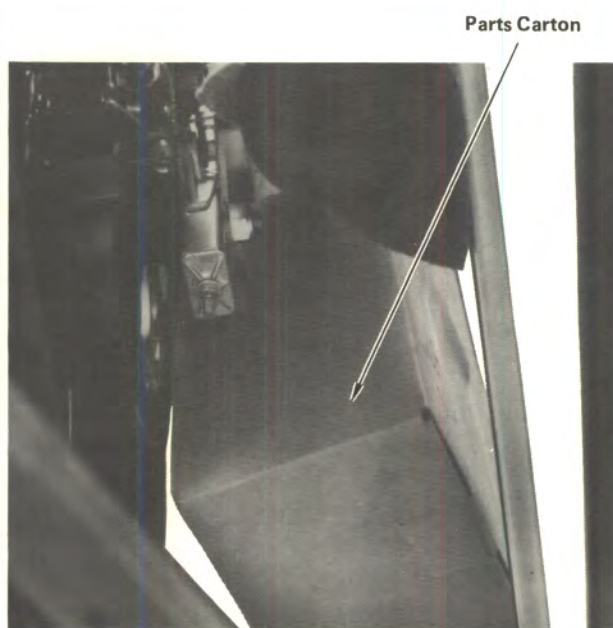
**STEP 1**—Cut straps and lift up carton cover. Remove crate wood top and plastic sheet.



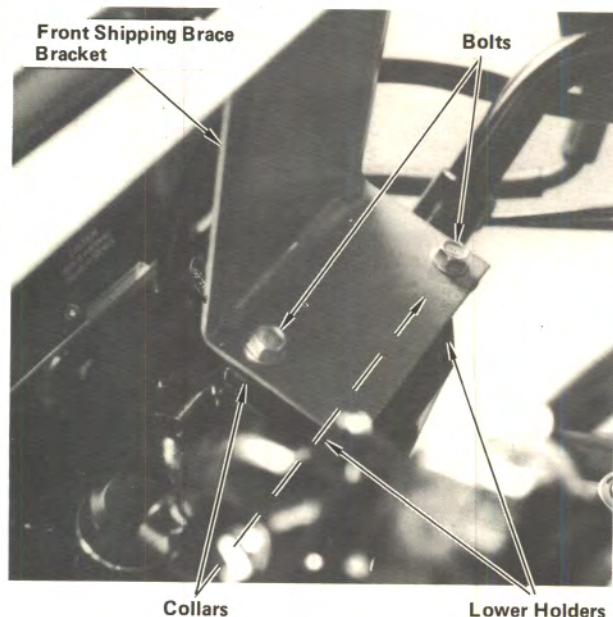
**STEP 2**—Remove front wheel by cutting straps.



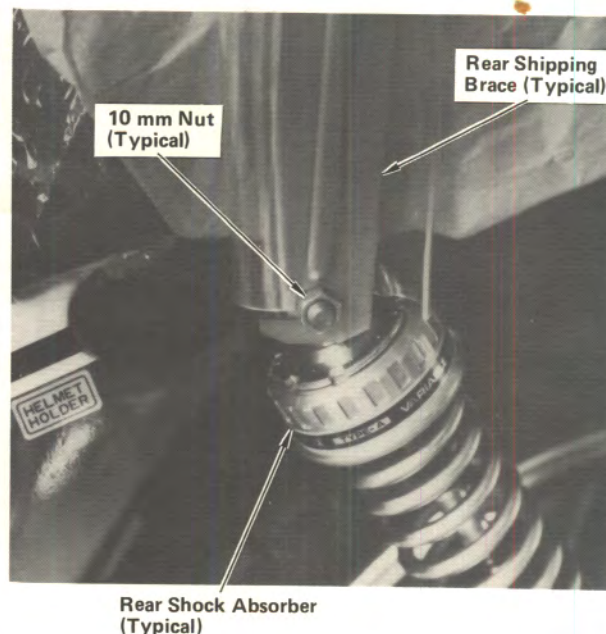
**STEP 3**—Remove headlight cover by removing rubber bands. Remove protective wrapping from headlight case.



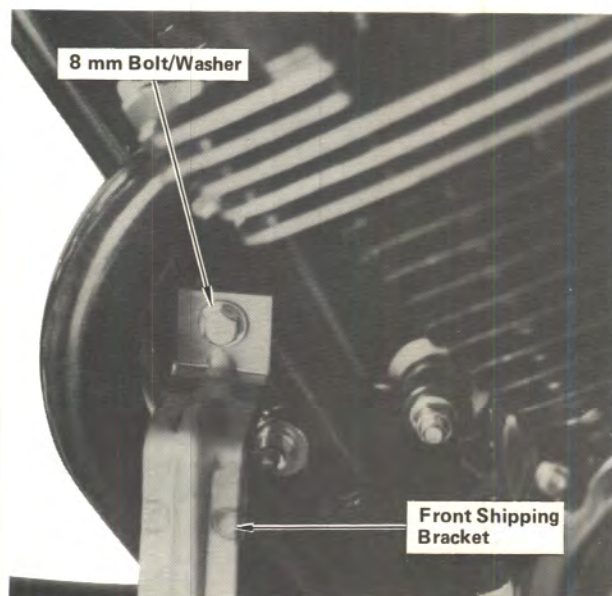
**STEP 4**—Remove parts carton from rear of crate base.



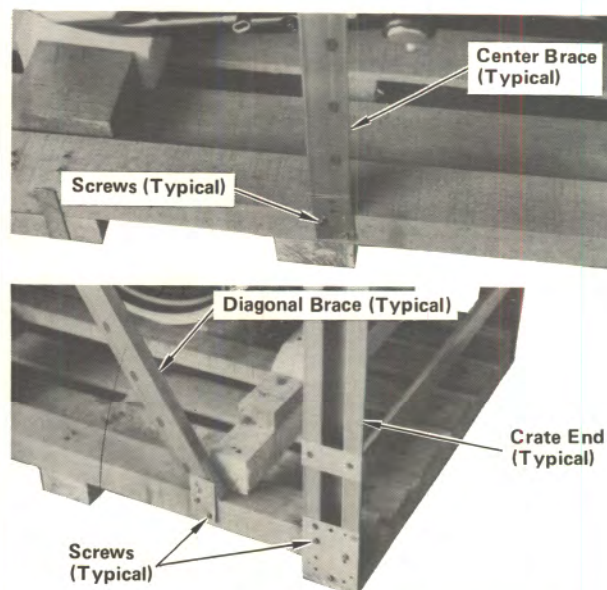
**STEP 5**—Remove two bolts attaching front shipping brace bracket to handlebar lower holders. Discard bolts and collars.



**STEP 6**—Remove nut attaching rear shipping brace to rear shock absorber upper stud on each side. Discard nuts and retain 10.3 mm plain washer.



**STEP 7**—Remove and discard 8 mm bolt/washer attaching front shipping bracket to frame.



**STEP 8**—Remove screws attaching center braces, diagonal braces, and crate ends to crate base. Discard screws. Carefully lift off metal crate frame using two people and discard frame.

**CAUTION:** Do not allow metal crate frame to damage motorcycle.



**STEP 9**—Unpack remaining loose parts and check against this illustration. Report any damaged or missing parts immediately to American Honda Motor Co., Inc., 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.

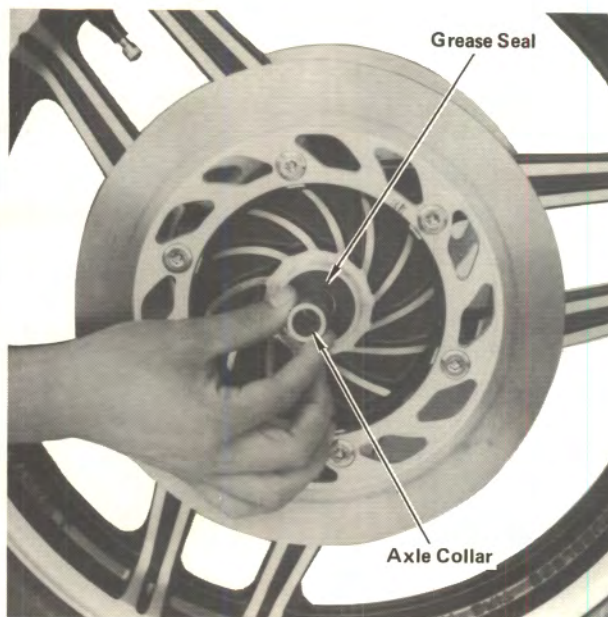
It is necessary to differentiate between parts lost or damaged in transit, and parts left out by the factory.

- 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.

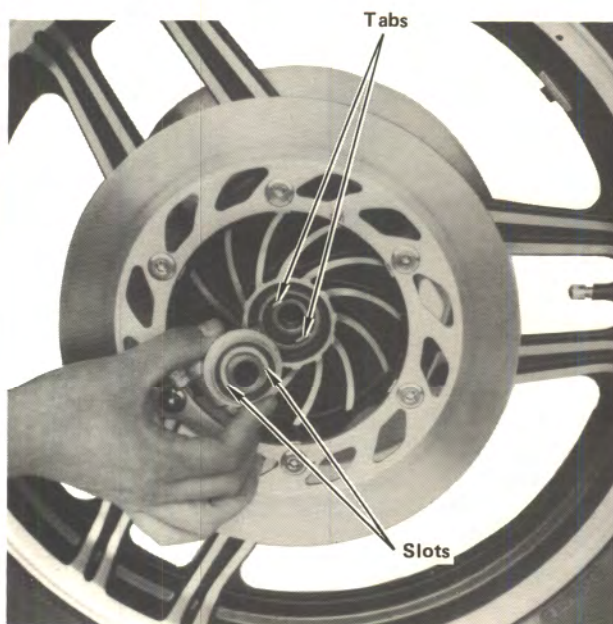
Refer to the Warranty Policy and Procedures Manual (SO 945) under **Shipping Damage and Crate Shortage** for further information.



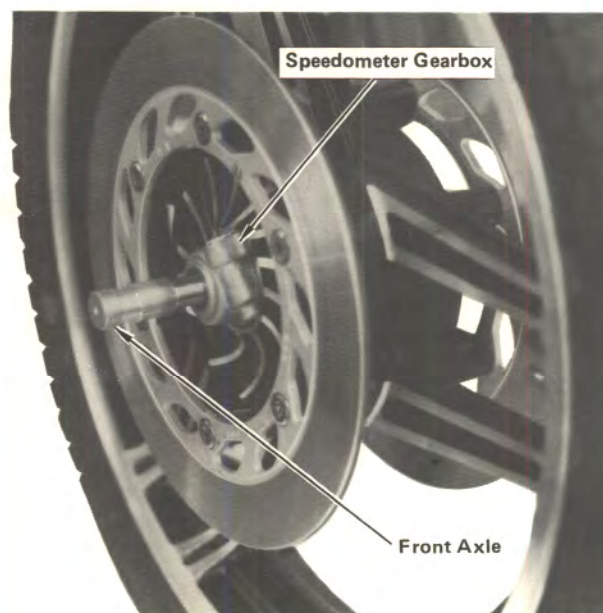
**STEP 10**—Remove plastic covers from front brake discs. Thoroughly clean both sides of front and rear discs using a good quality degreasing agent. Wipe with a clean cloth.



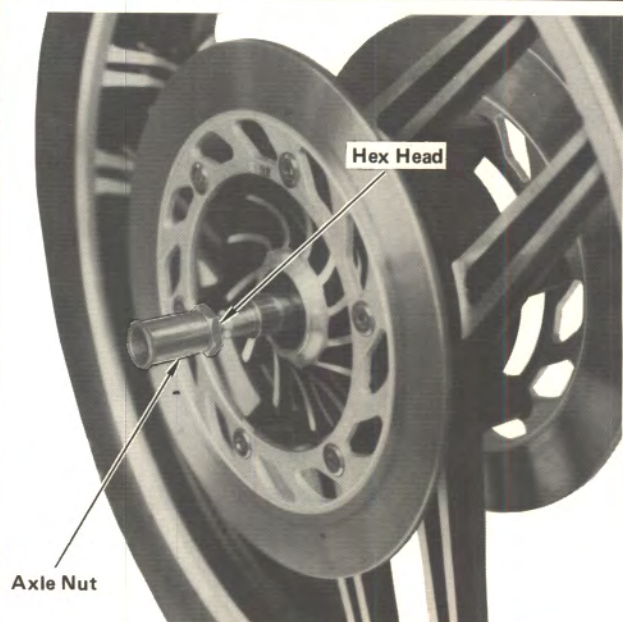
**STEP 11**—Check that grease seal is clean and full of grease. Insert axle collar into front wheel grease seal.



**STEP 12**—Install speedometer gearbox, making sure slots are aligned with tabs in wheel hub.

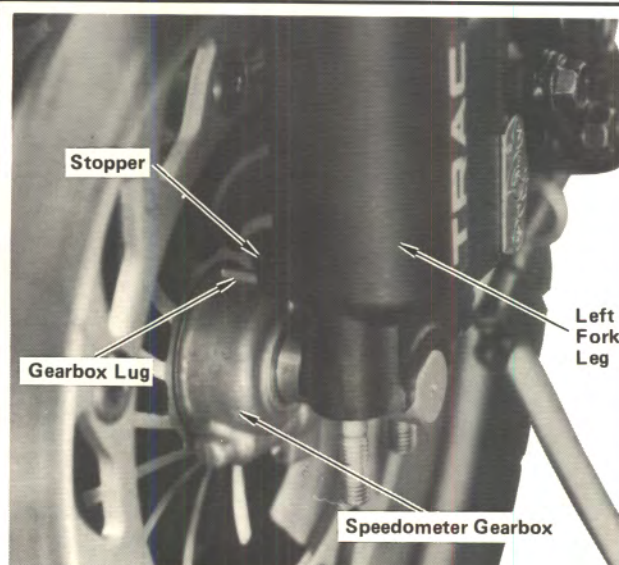


**STEP 13**—Insert front axle through speedometer gearbox and wheel hub.

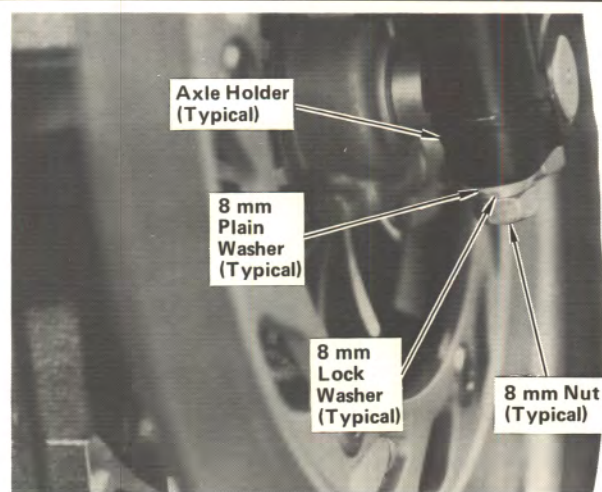


**STEP 14**—Install axle nut with hex head towards wheel and tighten nut to specified torque.

**Torque specification:**  
5.0 kg-m (36 lb-ft)

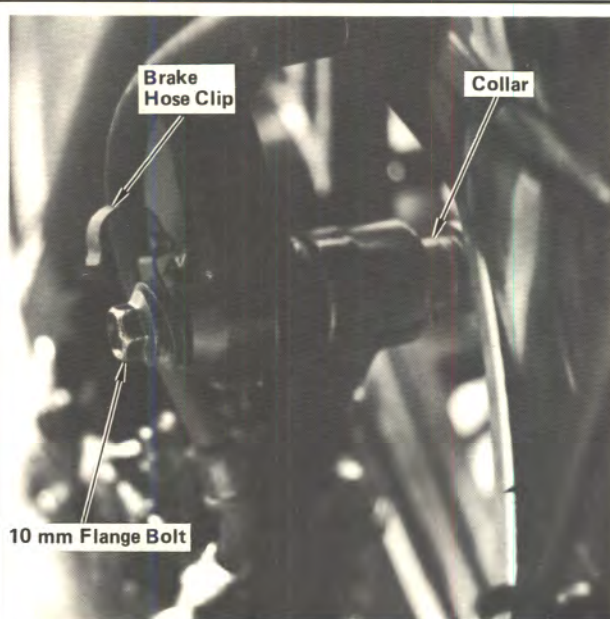


**STEP 15**—Move motorcycle from crate base and place on centerstand and a padded block under engine. Roll front wheel into place between front forks with speedometer gearbox on left, (being careful to fit brake disc between brake pads), and fork legs resting lightly on front axle. Rotate speedometer gearbox lug up against rear of stopper on left fork leg.

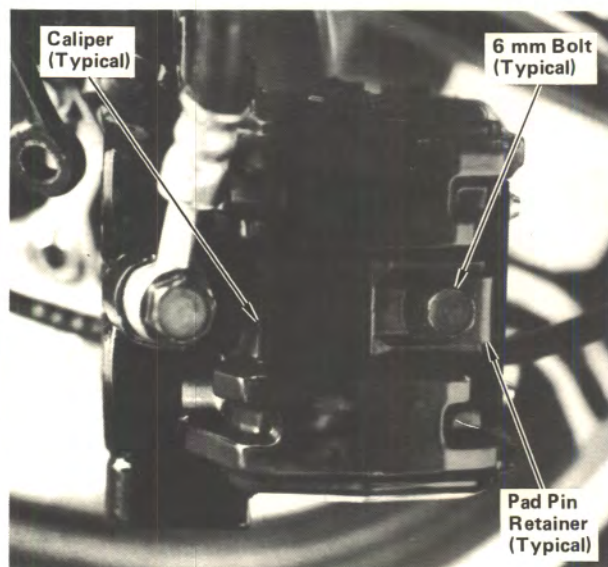


**STEP 16**—Install axle holders on fork legs with arrows pointing forward. Loosely install four plain washers, lock washers and 8 mm nuts on studs. Tighten forward axle holder nuts to specified torque first, then tighten rear nuts to same torque. Remove block under engine and lower motorcycle onto centerstand and front wheel.

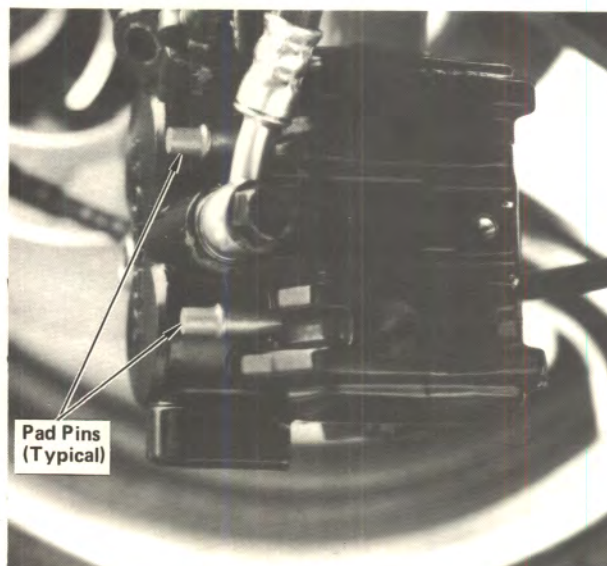
**Torque specification:**  
2.5 kg-m (19 lb-ft)



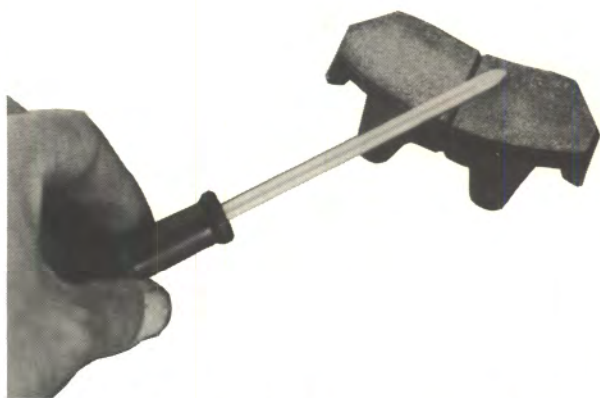
**STEP 17**—Insert collar into left brake caliper bracket from the inside as shown. Position bracket on left fork leg and install using a 10 mm flange bolt with front brake hose under bolt head as shown.



**STEP 18**—Remove two 8 mm flange bolts from right brake caliper. Remove brake pad pin retainer from each brake caliper by removing 6 mm bolt from each.

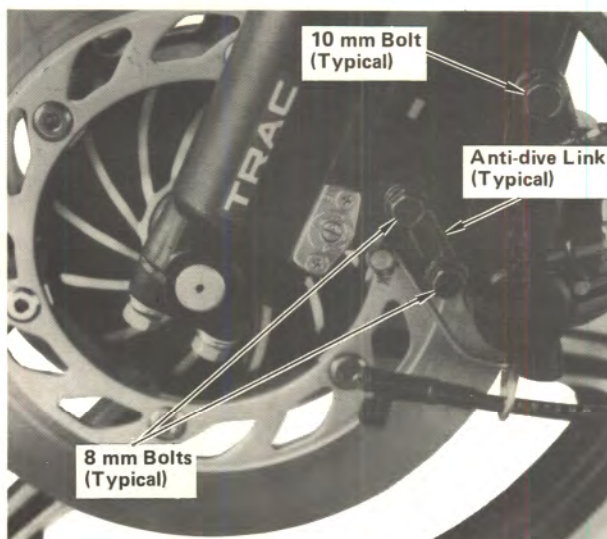


**STEP 19**—Remove brake pad pins and brake pads from each brake caliper.



**STEP 20**—Scrape off all preservative and residue from each brake pad. Reinstall brake pads, pad pins, brake pad pin retainers, and pin retainer bolts in all calipers. Tighten pin retainer bolts to specified torque.

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

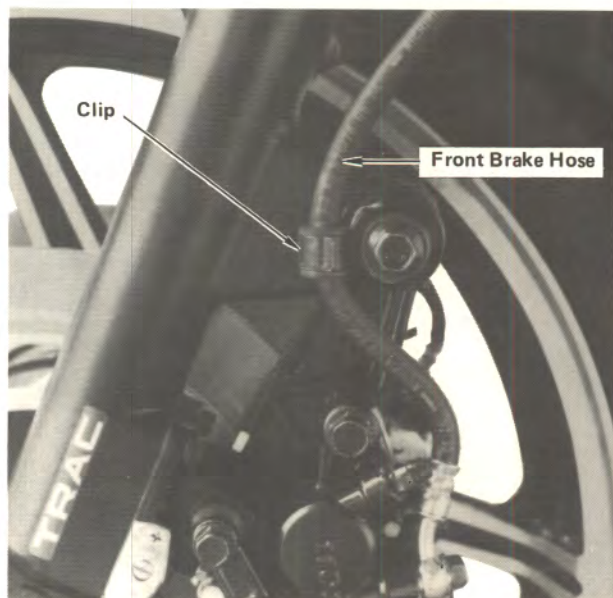


**STEP 21**—Position anti-dive links on brake calipers and fork legs and install using two 8 mm flange bolts for each. Tighten all caliper 10 mm and 8 mm bolts to specified torque.

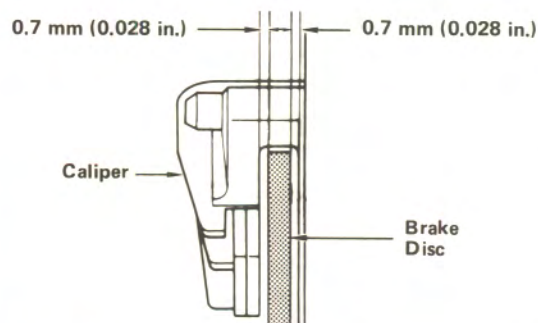
**Torque specification:**

8 mm bolts: 2.2 kg-m (16 lb-ft)

10 mm bolts: 2.8 kg-m (20 lb-ft)



**STEP 22**—Insert left front brake hose grommet into hose clip on left fork leg as shown.

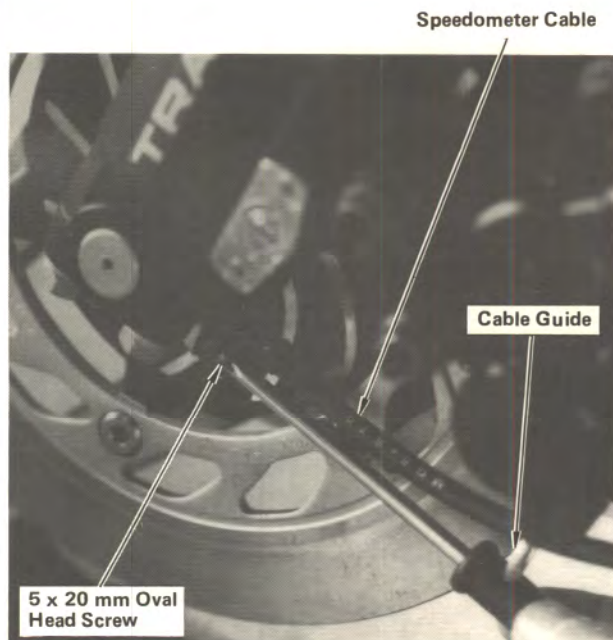


**STEP 23**—Measure clearance between each surface of left brake disc and left caliper holder with a 0.7 mm feeler gauge. If feeler gauge cannot be inserted easily, loosen left axle holder nuts and pull out or push in left fork leg to obtain clearance. Retighten axle holder nuts to specified torque. Apply brake several times then check both brake discs for caliper holder to disc clearance.

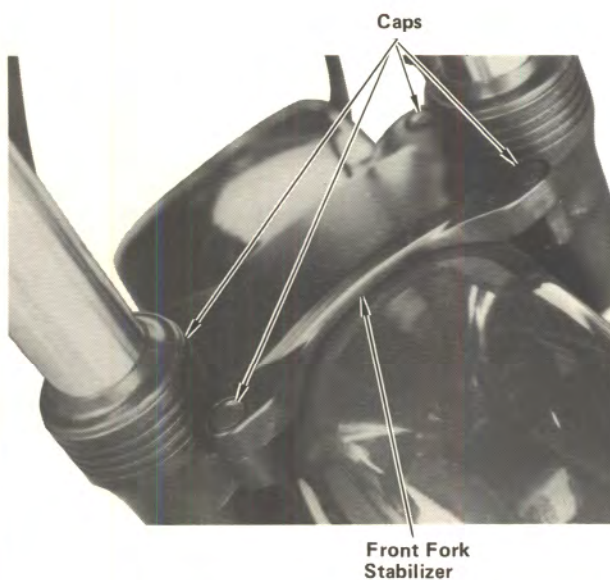
**Torque specification:**

**2.5 kg-m (19 lb-ft)**

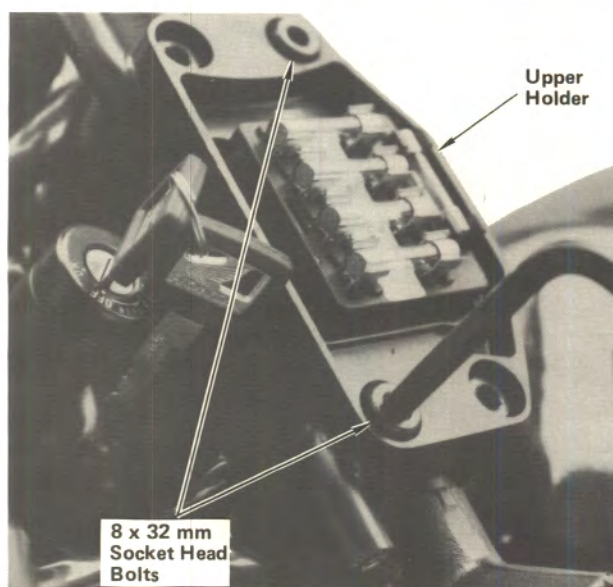
**WARNING** Failure to provide adequate disc to holder clearance may damage brake disc and impair braking efficiency.



**STEP 24**—Route speedometer cable through guide below caliper. Insert cable into speedometer gearbox, aligning slot in cable with blade in gearbox. Install 5 x 20 mm oval head screw and tighten securely.

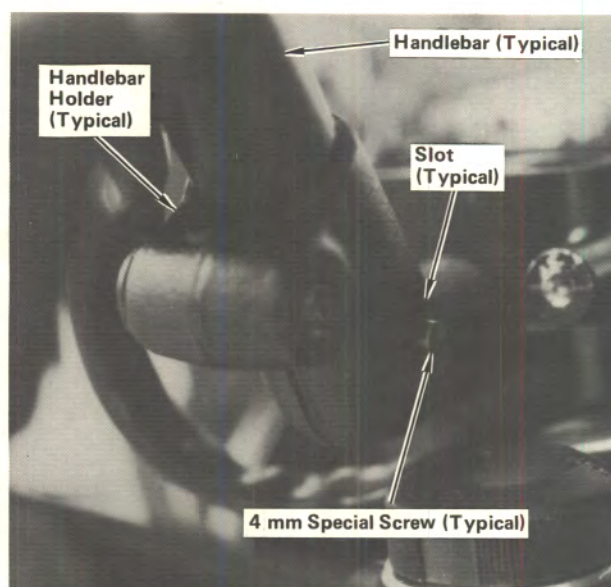


**STEP 25**—Press four caps into recesses of socket head bolts in front fork stabilizer.



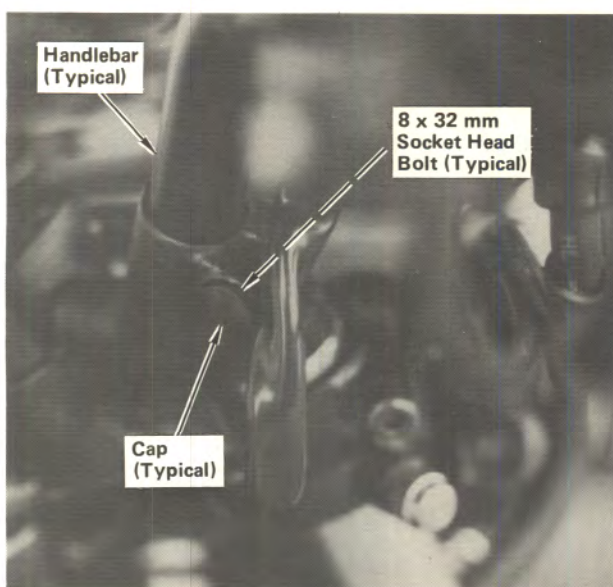
**STEP 26**—Install two 8 x 32 mm socket head bolts in holes of handlebar upper holder and tighten to specified torque. Check torque of other two bolts.

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



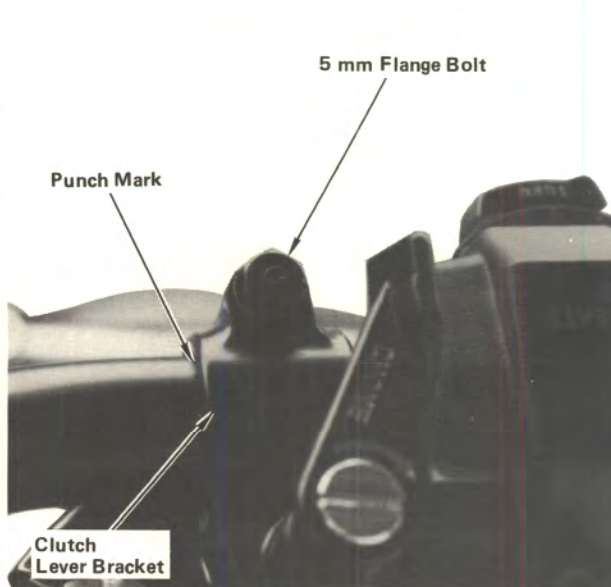
**STEP 27**—Center holes in handlebars in slots in handlebar holders and install a 4 mm special screw in each handlebar. Tighten screws securely.

**CAUTION:** Before installing screws, apply a good quality locking agent to threads and under screw heads.



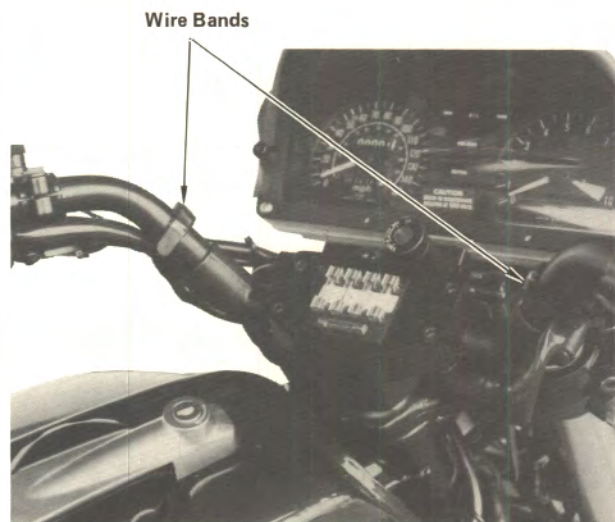
**STEP 28**—Tighten 8 x 32 mm socket head bolts clamping handlebars, to specified torque. Press a cap into recess of each socket head bolt as shown.

**Torque specification:**  
2.8 kg-m (20 lb-ft)

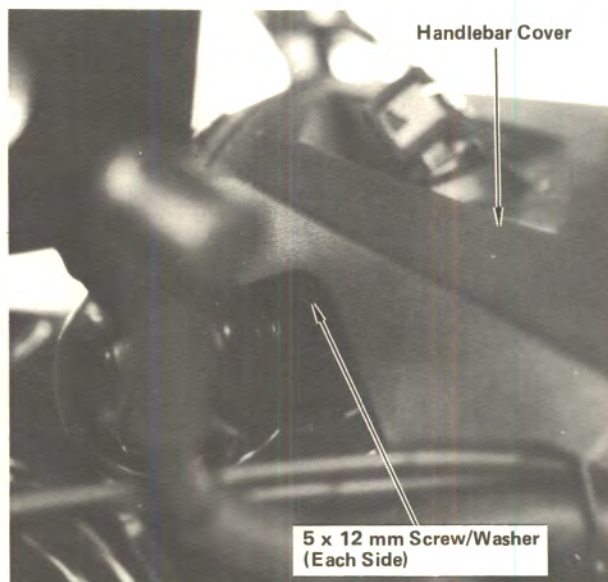


**STEP 29**—Align split of clutch lever bracket with punch mark on handlebar. Tighten flange bolt to specified torque.

**Torque specification:**  
0.6 kg-m (4.5 lb-ft)

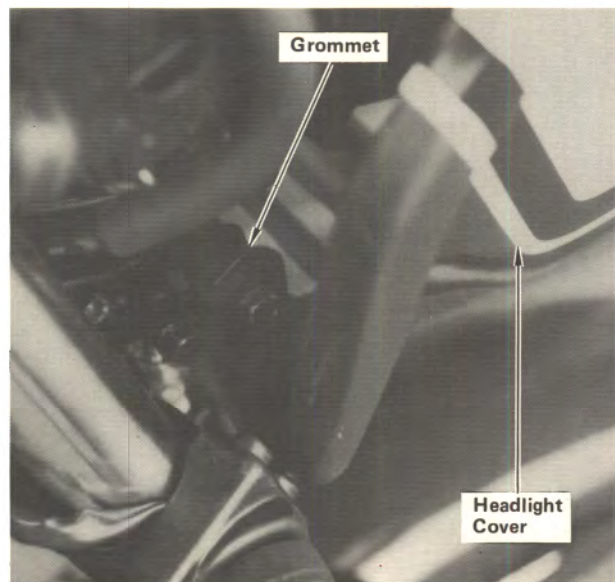


**STEP 30**—Attach handlebar switch wires to handlebar using two wire bands positioned where shown.

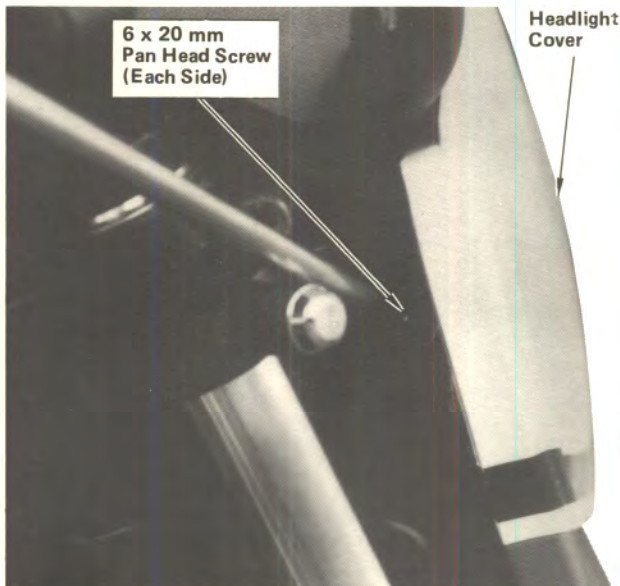


**STEP 31**—Position handlebar cover over handlebar upper holder and install using two 5 x 12 mm screws/washers. Tighten screws to specified torque.

**Torque specification:**  
0.25 kg-m (2.5 lb-ft)

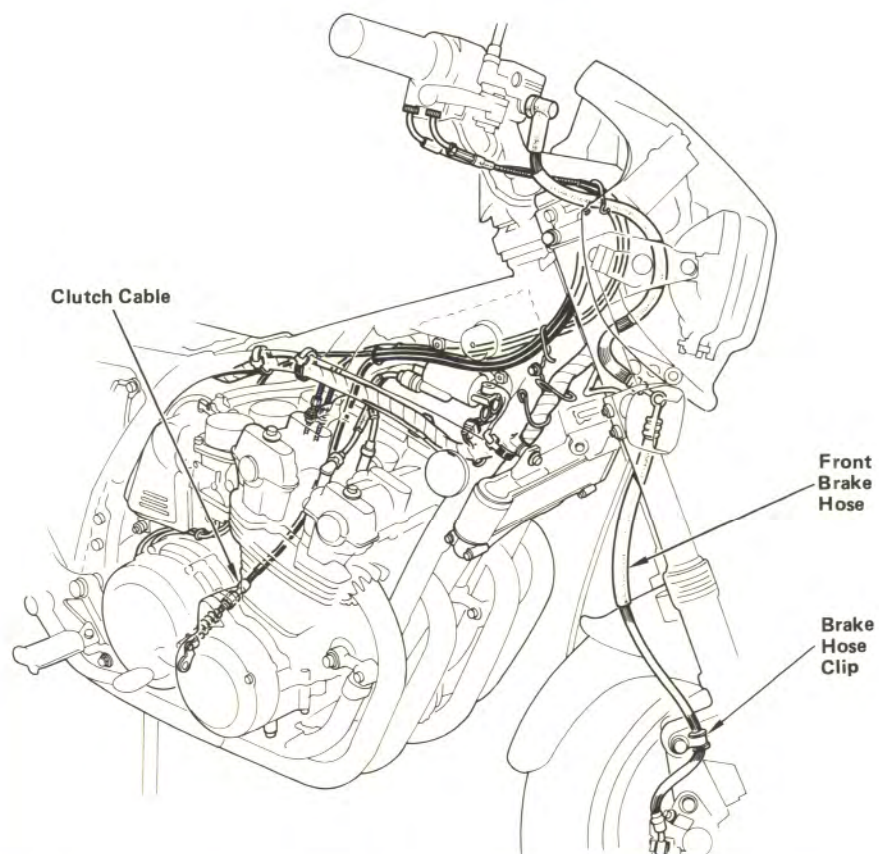
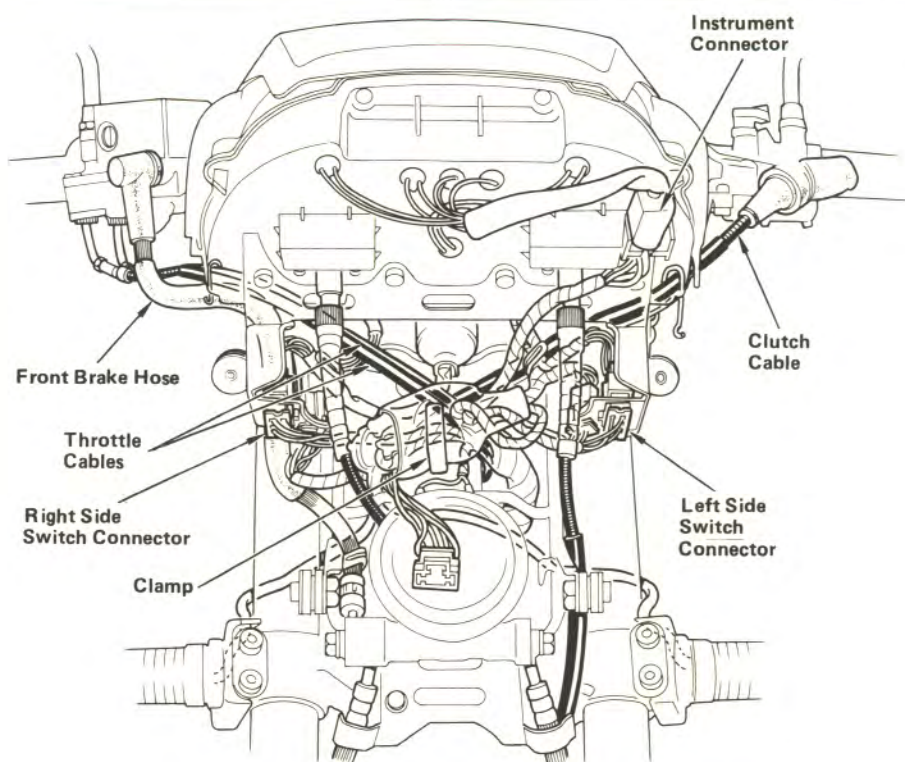


**STEP 32**—Slip lower mounts of headlight cover onto grommets on bracket of 2-way joint.

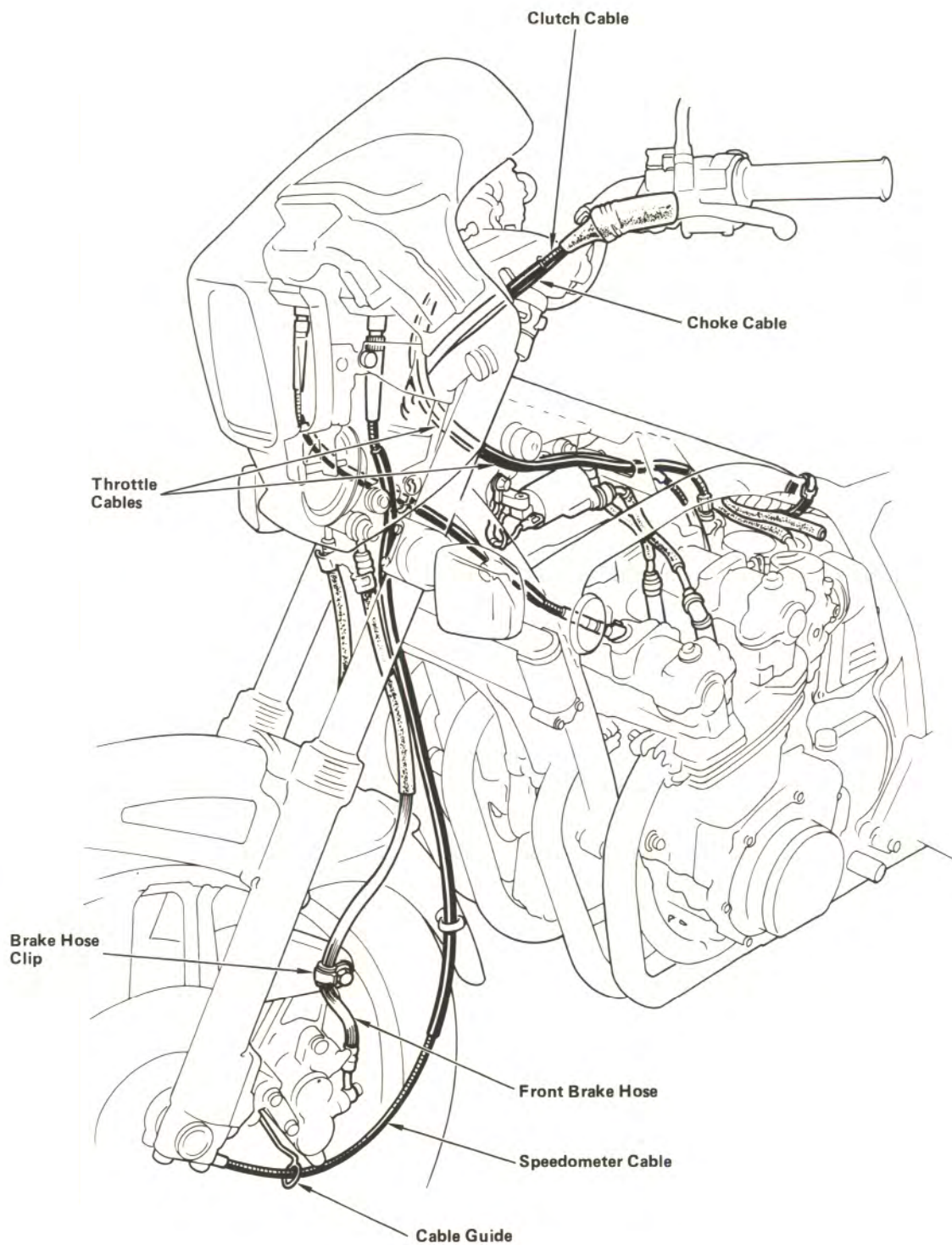


**STEP 33**—Position headlight cover on upper brackets as shown and install using a 6 x 20 mm pan head screw for each side. Tighten screws to specified torque.

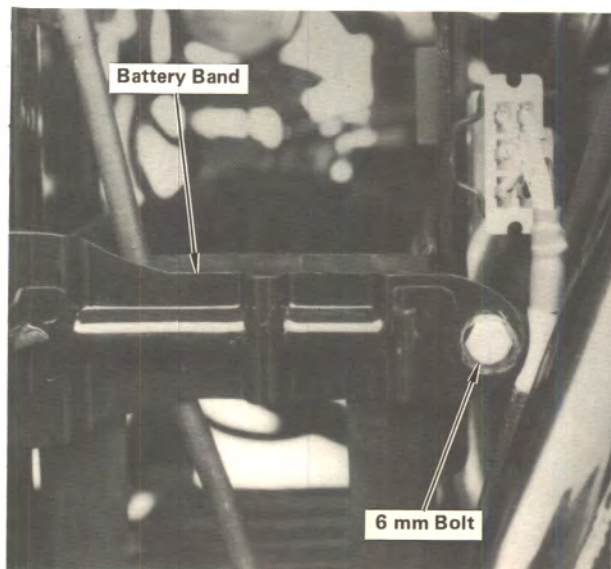
**Torque specification:**  
0.5 kg-m (3.7 lb-ft)



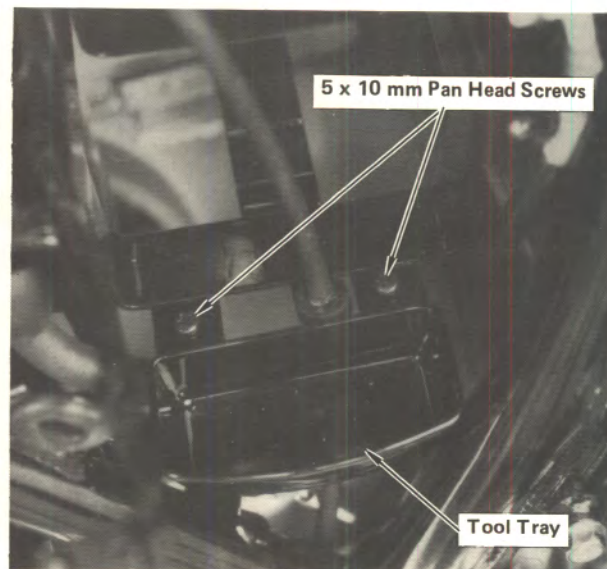
**STEP 34**—Check for correct routing of wire harness, all cables and front brake hoses.



**STEP 34—(Continued).**



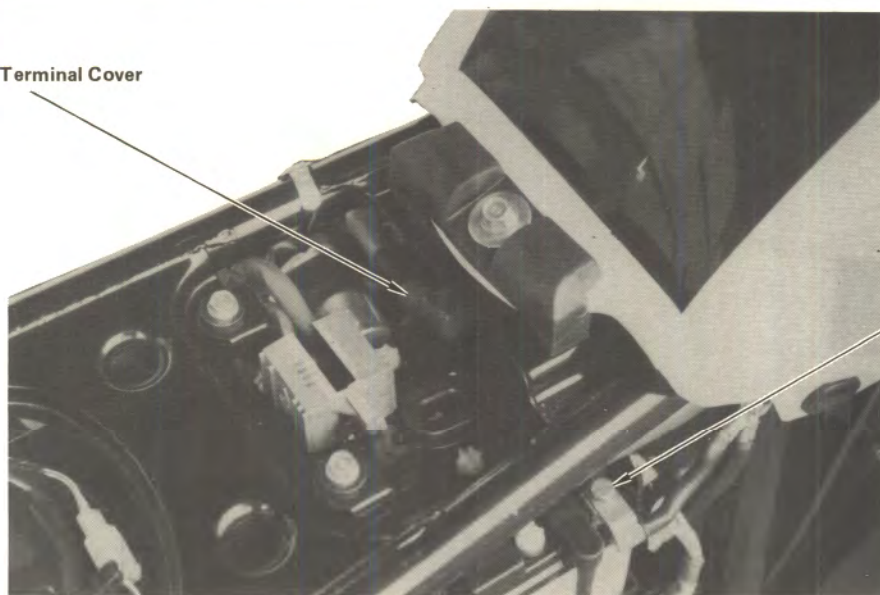
**STEP 35**—Remove and retain 6 mm bolt holding battery band. Remove battery cover from battery compartment.



**STEP 36**—Position tool tray on brackets on bottom of battery compartment and install using two 5 x 10 mm pan head screws. Tighten screws to specified torque.

**Torque specification:**  
0.5 kg-m (3.7 lb-ft)

Positive Terminal Cover

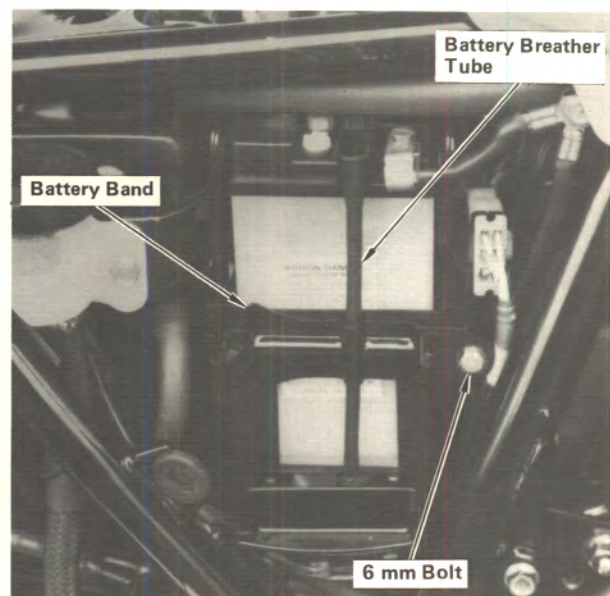


**STEP 37**—Service battery as described in shop manual or battery preparation booklet packed with battery. Check that ignition switch is OFF. Put battery in battery cover and install battery in battery compartment with terminals facing forward. Connect positive cable (cable with cover attached) to positive battery terminal first, then connect ground cable to negative battery terminal. Tighten bolts securely and coat battery terminals with clean grease. Install positive terminal cover.

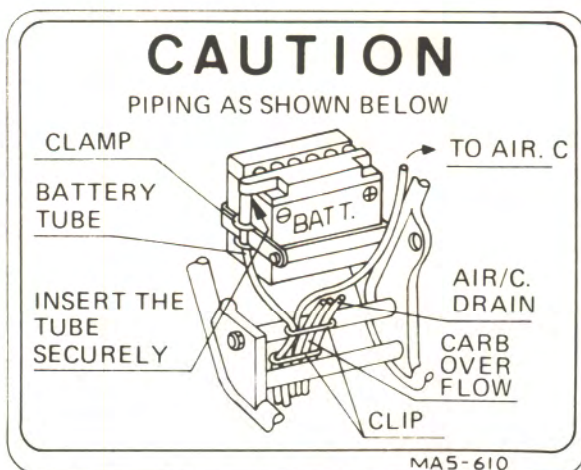
**CAUTION:** Make sure positive battery cable is not forced against any metal parts.



**STEP 38**—Connect battery breather tube to battery breather outlet.

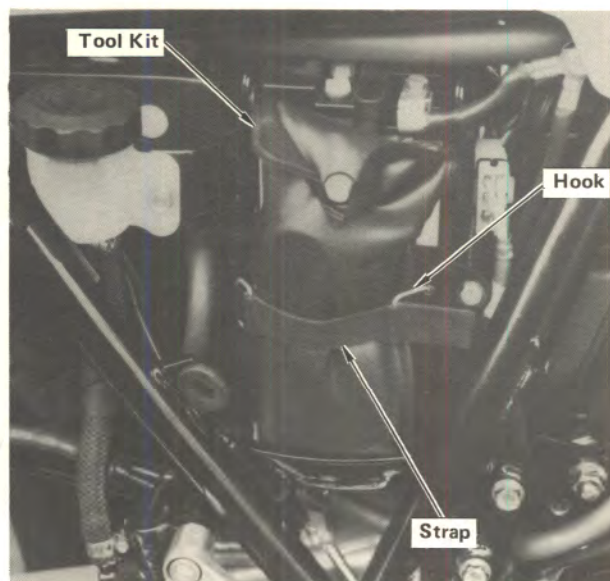


**STEP 39**—Close battery band and reinstall 6 mm bolt removed in Step 35, being sure battery breather tube is routed through recess in battery band. Tighten bolt securely.



**STEP 40**—Check that battery breather tube is routed as shown on battery caution label.

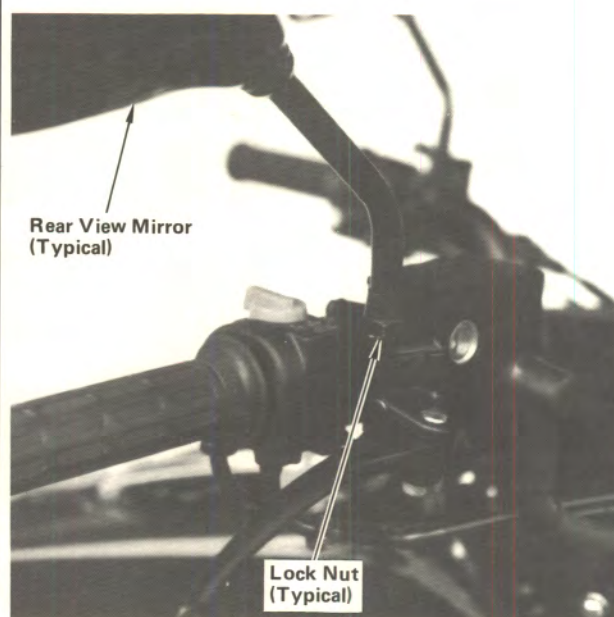
**CAUTION:** Check that battery breather tube is not kinked, twisted, or pinched; otherwise battery may be damaged.



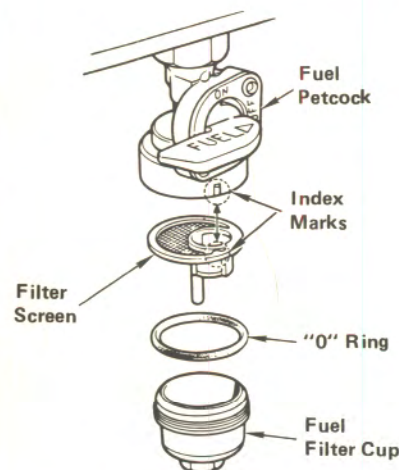
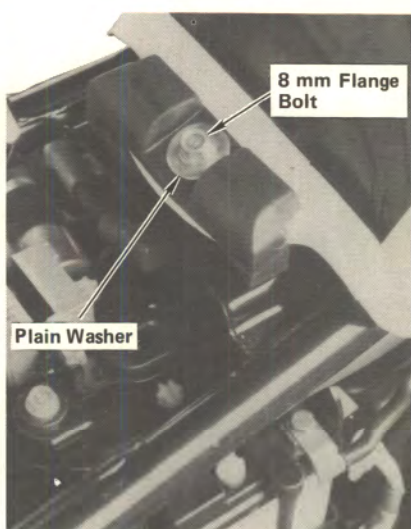
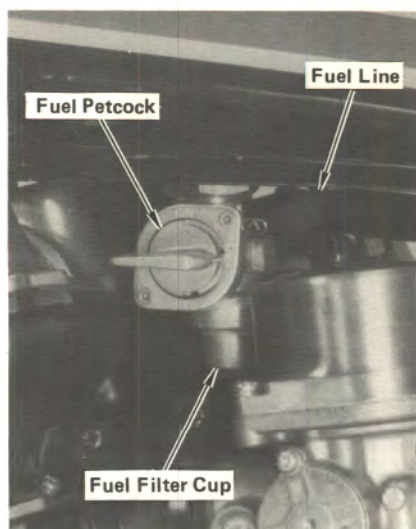
**STEP 41**—Install tool kit end in tool tray as shown and secure with a rubber strap across tool kit and hooked onto battery band as shown.



**STEP 42**—Install gearshift pedal rubber.

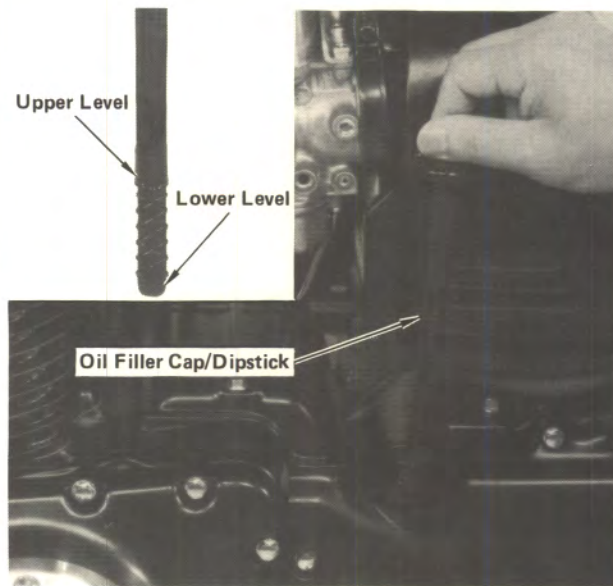


**STEP 43**—Install rear view mirrors and tighten lock nuts. Adjust mirrors prior to delivery.

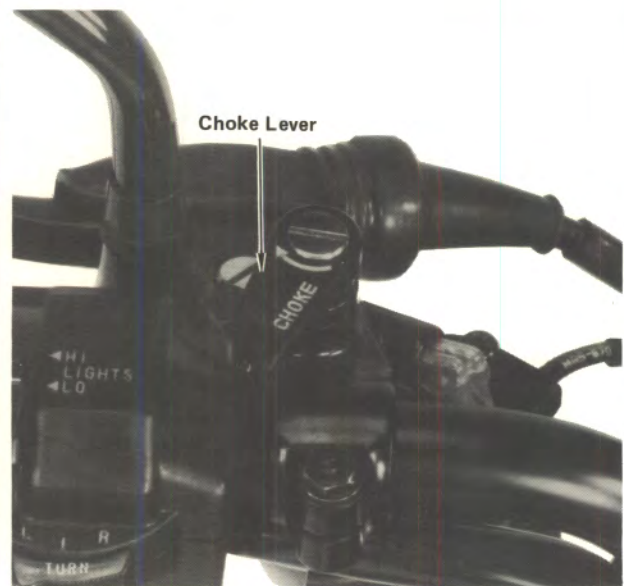


**STEP 44**—Turn fuel petcock to OFF. Disconnect fuel line from fuel petcock. Remove fuel tank by removing and retaining bolt at rear of tank, and moving tank towards the rear. Drain, flush and inspect fuel tank. Remove fuel filter cup and wash cup and filter screen in clean non-flammable or high flash point solvent. Reinstall filter screen and "O" ring, aligning index marks on filter screen and fuel petcock body. Install filter cup and tighten to a torque of 0.4 kg-m (3 lb-ft)

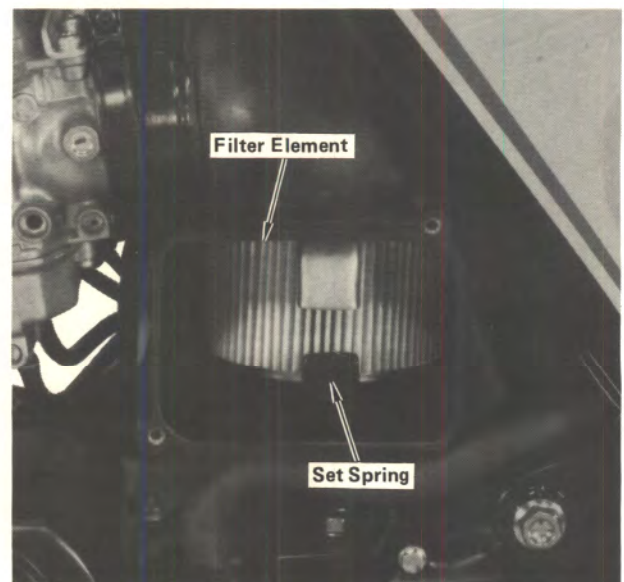
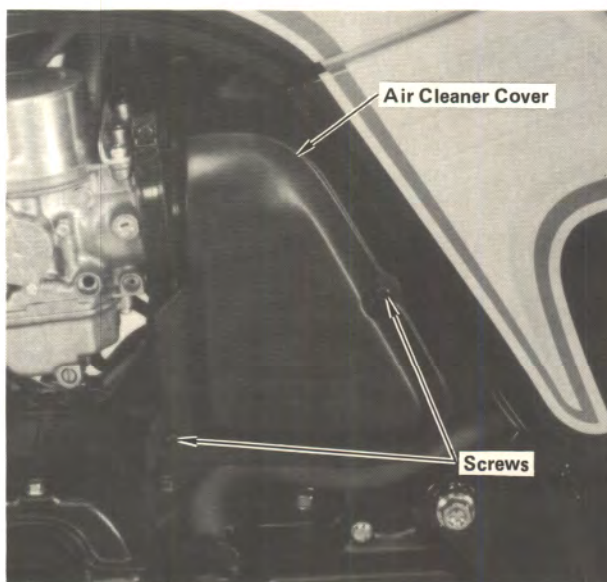
**WARNING** Fuel must be drained into a proper container. Gasoline is flammable and is explosive under certain conditions. Do not smoke or allow flames or sparks near the equipment while draining fuel.



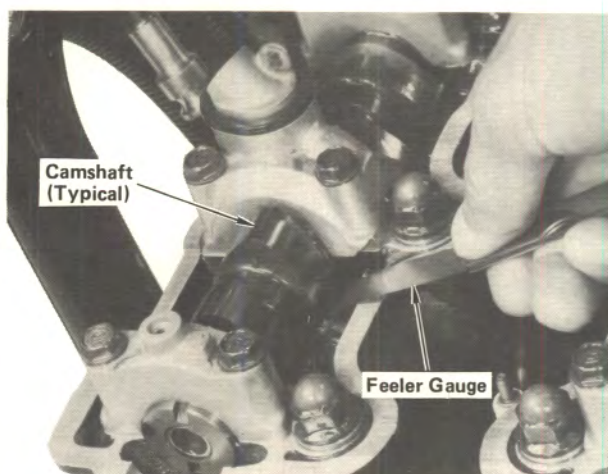
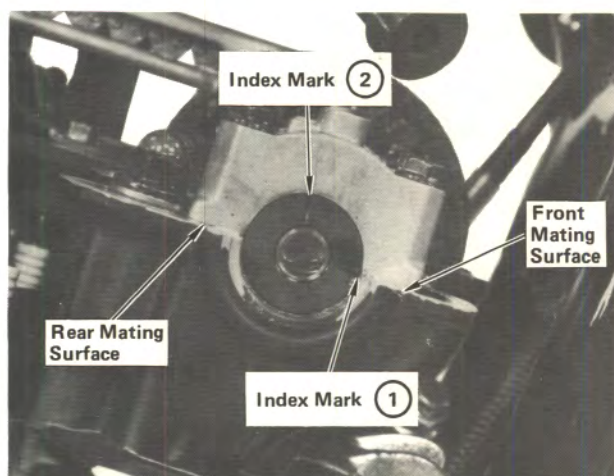
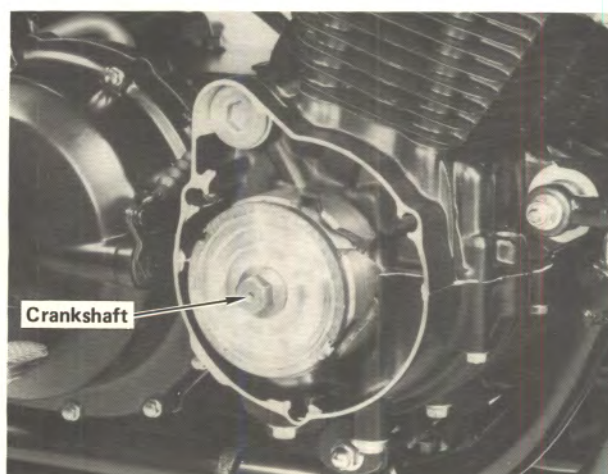
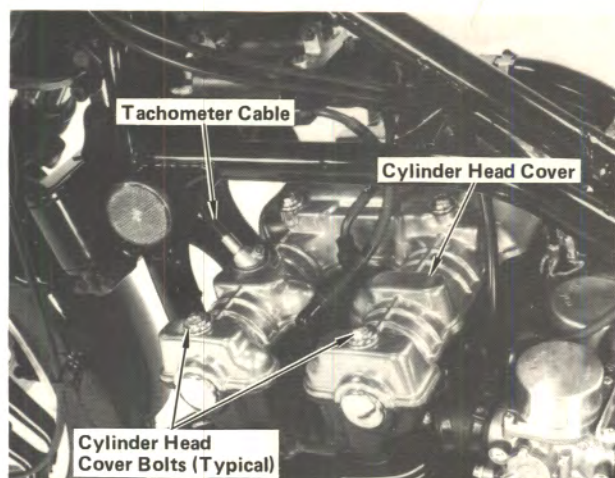
**STEP 45**—Remove oil filler cap/dipstick and fill crankcase with recommended oil as described in owner's manual or shop manual. Recheck oil level after engine has been operated for several minutes and add oil if necessary.



**STEP 46**—Operate choke lever and check for smooth operation. Choke lever must move smoothly and stay where positioned. Operate choke lever and check that choke lever link is not rubbing the switch wires.



**STEP 47**—Remove two screws and air cleaner cover. Pull out set spring and element. Check condition of element and clean, if necessary, as described in owner's manual or shop manual. Reinstall element, set spring, and cover.

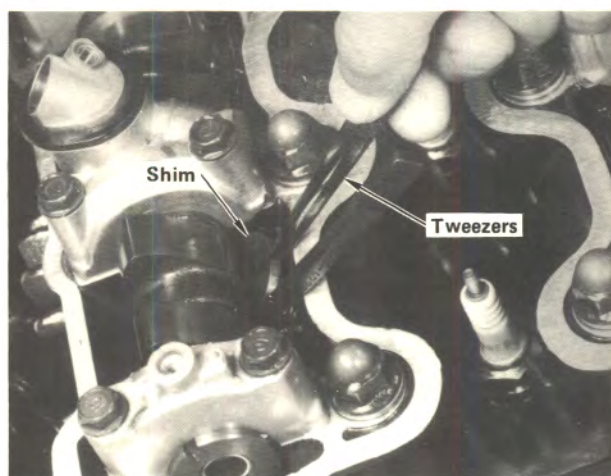
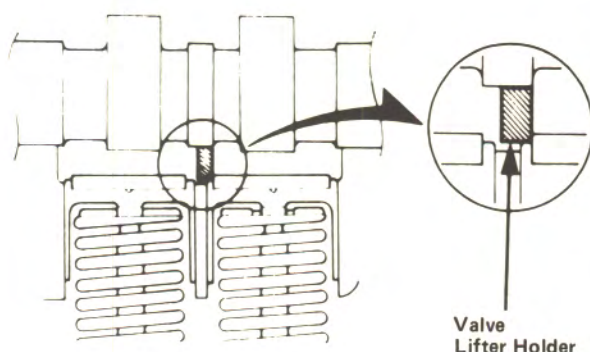
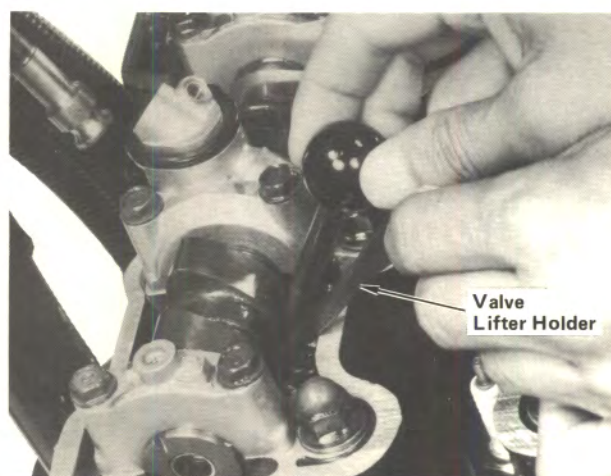
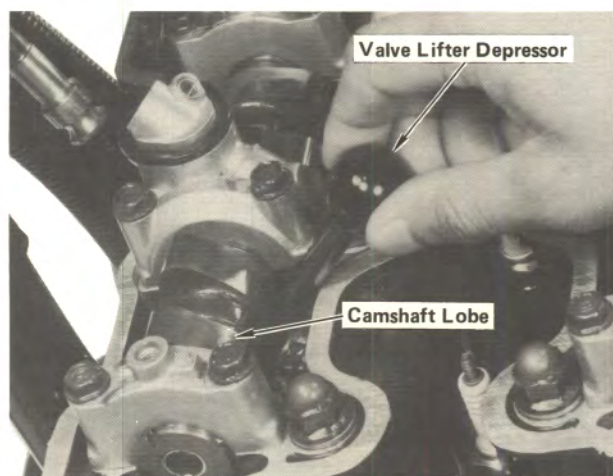


**STEP 48—VALVE CLEARANCE INSPECTION:** Remove tachometer cable, spark plug caps, cylinder head cover bolts, and cylinder head cover. Remove AC generator cover by removing flange bolts. Free wires at clamp. Remove side covers. (Fuel tank is off.) Measure intake and exhaust valve clearances by inserting feeler gauge between camshaft and valve lifter shim.

*NOTE: Inspect and adjust valve clearance while engine is cold (below 35°C; 95°F). Lean motorcycle right and left to drain residual oil from cylinder head before removing cylinder head cover. #1 cylinder is on left side as viewed by rider.*

Rotate the crankshaft clockwise (from right side) and align index mark ① on exhaust camshaft right end with front cylinder head mating surface. Check and record valve clearance of #1 exhaust and #3 exhaust. Rotate camshaft 105° clockwise (via crankshaft 210°) to align index mark ② on exhaust camshaft with front cylinder head mating surface. Check and record #1 intake and #3 intake. Rotate camshaft 75° clockwise to align index mark ① with rear cylinder head mating surface. Check and record #2 exhaust and #4 exhaust. Rotate camshaft 105° clockwise to align index mark ② with rear cylinder head mating surface. Check and record #2 intake and #4 intake. If clearances are correct, proceed to Step 50.

Valve clearance (intake and exhaust): 0.06–0.13 mm (0.002–0.005 in.)



**STEP 49—VALVE CLEARANCE ADJUSTMENT:** Select replacement shim to achieve specified valve clearance, using the following procedures.

**NOTES:**

- Adjustment shims are available in 0.05 mm increments, from 2.30 to 3.50 mm.
- The #2 exhaust shim must be removed from the front.

Rotate camshaft so lobe points directly away from valve lifter shim. Rotate valve lifter until notch is facing spark plug. Push valve depressor straight in between cam heel and valve lifter shim until it stops.

**CAUTION:** Use depressor as wedge, not as pry bar; or lifter and camshaft may be damaged.

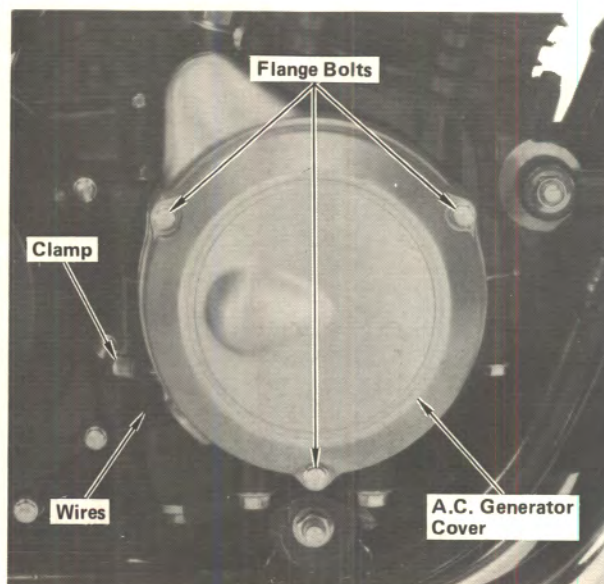
Position end of valve lifter holder under camshaft so it rests on edge of depressed lifter and contacts side of adjacent lifter. Do not let lifter holder contact shim or you will not be able to remove it. Pull out valve depressor and remove shim with tweezers or magnet. Measure thickness of removed shim with micrometer, select replacement shim using chart in shop manual. Insert replacement shim. Insert valve depressor. Remove valve lifter holder and pull out valve depressor. Rotate camshaft several times to seat shim and recheck valve clearance.



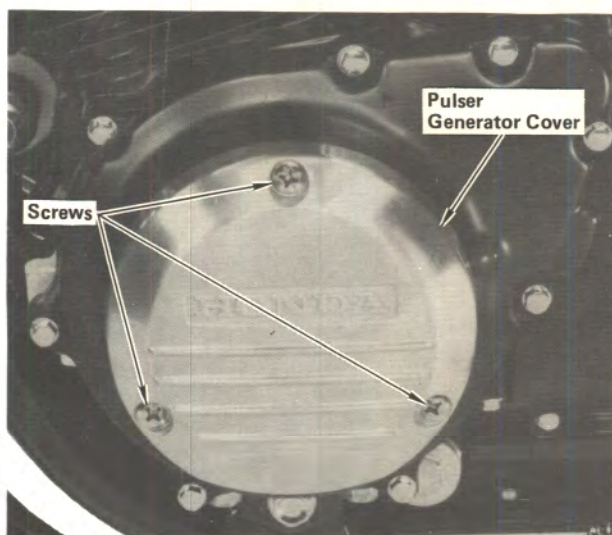
Tachometer Cable

**STEP 50**—Reinstall cylinder head cover. Tighten cover bolts to specified torque. Connect tachometer cable and spark plug caps.

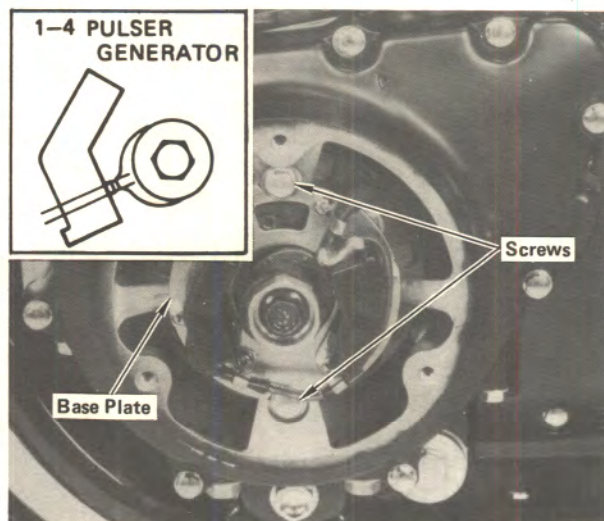
**Torque specification:**  
1.0 kg-m (8 lb-ft)



**STEP 51**—Reinstall AC generator cover. Replace gasket if damaged. Tighten flange bolts and clamp wires.

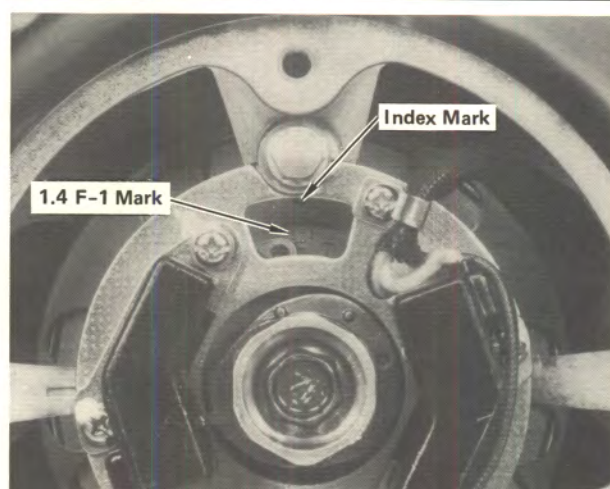
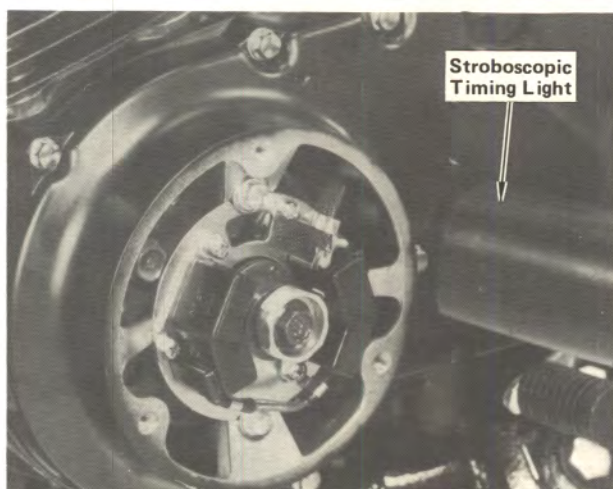


**STEP 52**—Remove three screws and pulser generator cover.



**STEP 53—STATIC TIMING METHOD:** Rotate crankshaft counterclockwise and align "1.4S-F" mark with index mark. Timing is correct if narrow projection of "1-4" pulser generator aligns with rotor tooth.

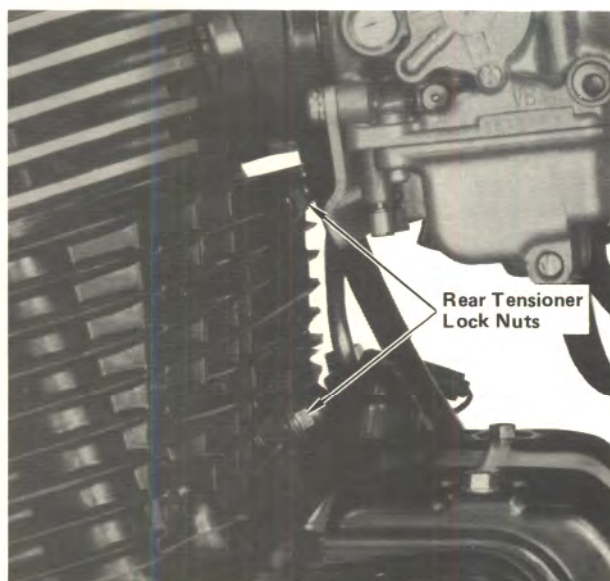
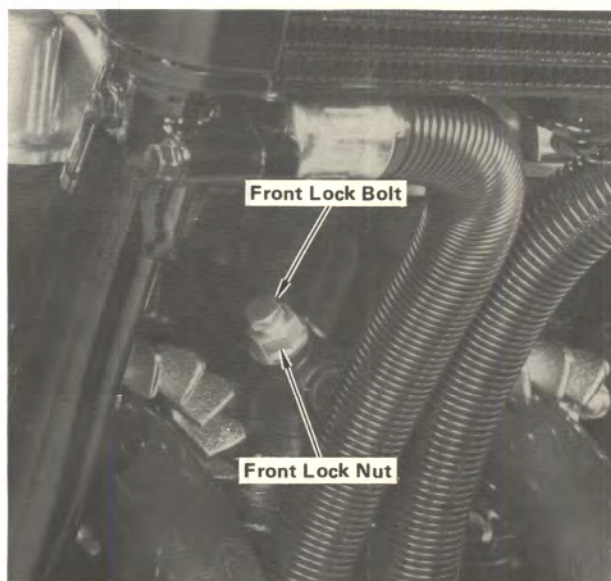
**NOTE:** Either #1 or #4 piston must be near T.D.C. (Top Dead Center) of compression stroke at this time.



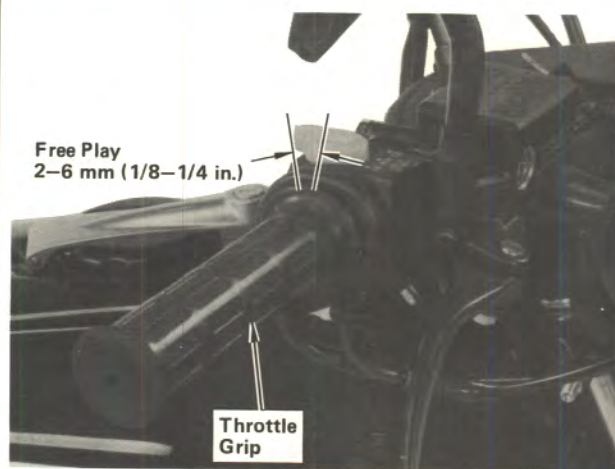
**STEP 54—DYNAMIC TIMING METHOD:** Remove pulser generator cover. Connect stroboscopic timing light to #1 cylinder's high tension lead. Start engine and let it idle. Aim timing light at timing mark. "1.4 F-1" mark should align with index mark. If timing is not correct, adjust by loosening two pulser base plate bolts and rotating plate. Tighten bolts and recheck timing. Start engine and bring engine speed to 3,100 rpm or above and check that index mark is between full advance marks. Replace advancer assembly if it is not functioning properly. Reinstall pulser generator cover.

Idle speed:  $1,000 \pm 100$  rpm

**CAUTION:** Do not allow engine speed to exceed 9,500 rpm or engine damage may result.

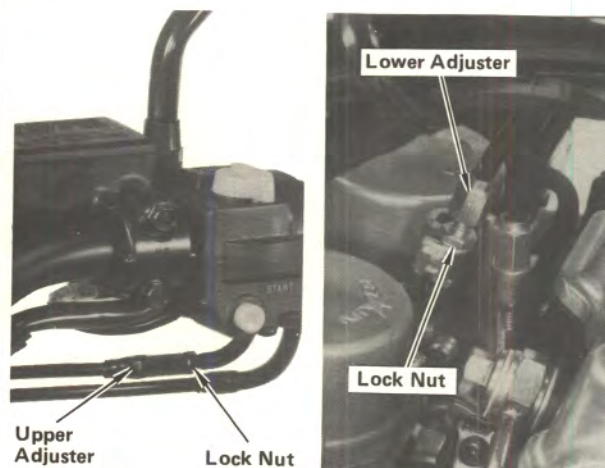


**STEP 55—**With engine stopped, remove generator cover. Loosen cam chain tensioner lock nut and bolt at front of cylinder head. Tighten bolt while rotating crankshaft clockwise. Tighten lock nut. Loosen both top and bottom nuts of rear cam chain tensioner. Tighten nuts while rotating crankshaft clockwise. The tensioners will automatically provide correct tension when lock nuts/bolts are loosened. Reinstall generator cover.

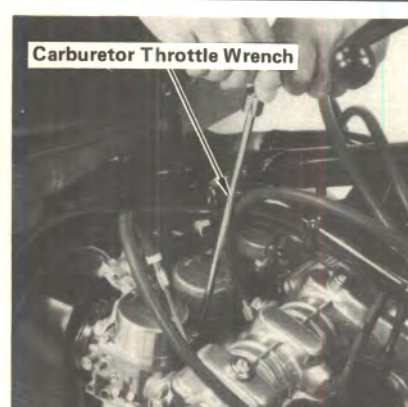
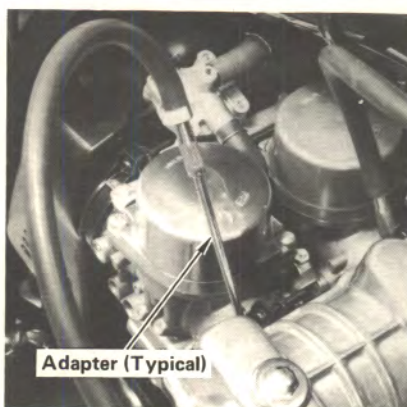
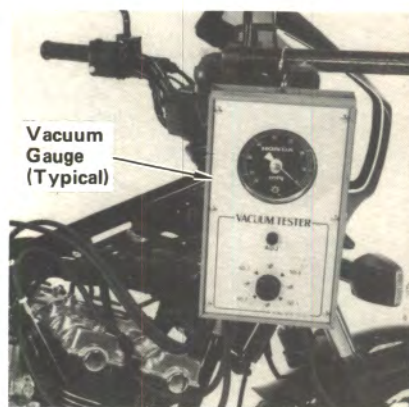


**STEP 56**—Make sure that there is no deterioration, damage or kinks in throttle cables, and that throttle grip free play is 2–6 mm (1/8–1/4 in.) on outer edge of throttle grip flange. Check for smooth throttle grip full opening and automatic full closing in all steering positions. Adjust if necessary.

*NOTE: Accelerator pump may flood carburetors during this inspection.*



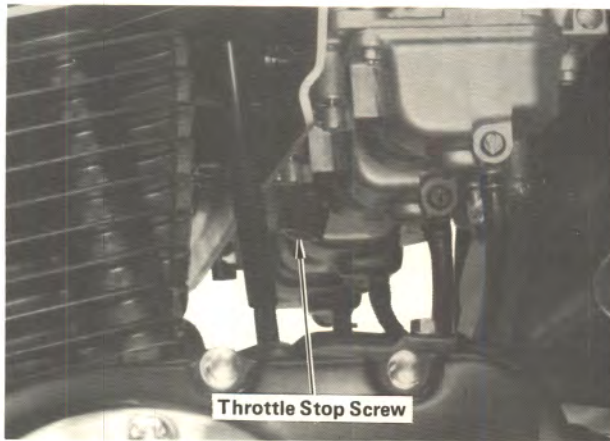
**STEP 57**—Large throttle free play adjustments are made at lower adjuster. To adjust, loosen adjuster lock nut and turn adjuster. Tighten lock nut. Small adjustments are made at upper adjuster. Recheck throttle operation. Replace any damaged parts.



**STEP 58**—Install fuel tank using a longer fuel line and connect it between fuel tank and carburetor. (An auxiliary fuel tank may be used.) Position fuel tank higher than normal. Remove plugs from intake ports and install vacuum gauge adapters, and connect vacuum gauges. Turn fuel petcock ON. Start engine and adjust idle speed. (Refer to Step 59.) Check that difference in vacuum readings is 60 mm Hg (2.4 in. Hg) or less. If necessary, adjust by loosening lock nuts and turning adjusting screws with carburetor throttle wrench tool. Tighten lock nuts and recheck idle speed and synchronization. Remove fuel line extension, and adapters. Reinstall fuel tank.

**NOTES:**

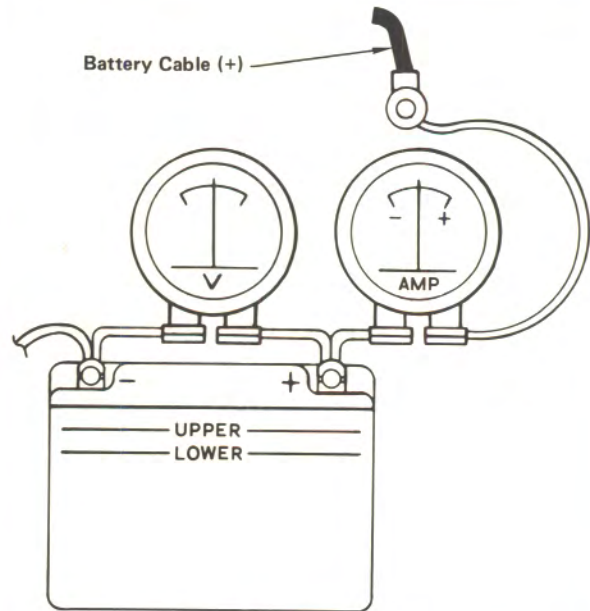
- Synchronize carburetors with engine at normal operating temperature, transmission in neutral and motorcycle on centerstand.
- #2 carburetor cannot be adjusted; it is base carburetor.



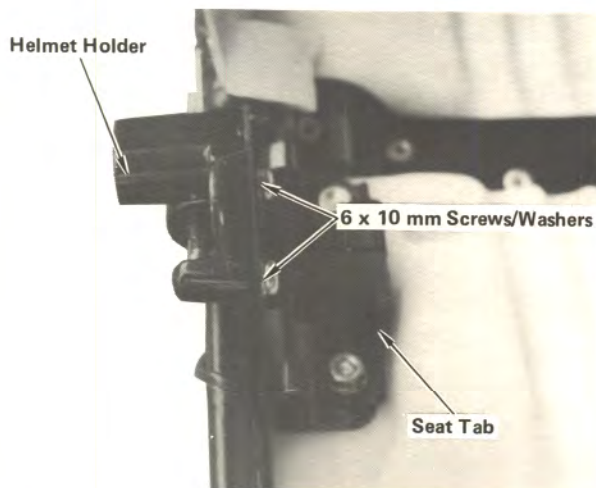
**STEP 59**—Warm up engine with transmission in NEUTRAL, and motorcycle on centerstand. Turn throttle stop screw as required to obtain specified idle speed.

Idle speed: 1,000±100 rpm

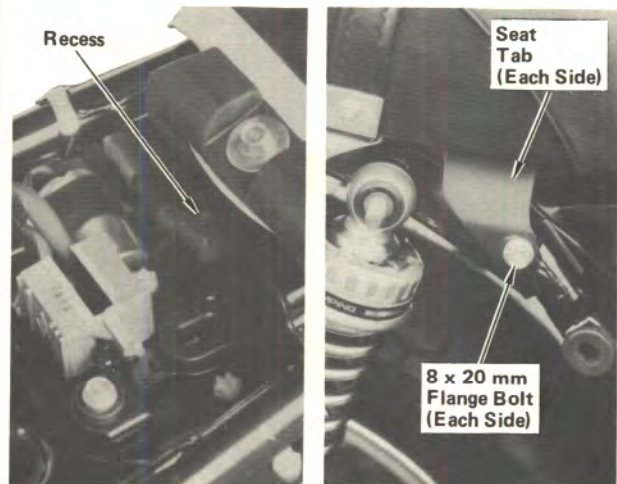
*NOTE: Inspect and adjust idle speed after all other engine adjustments are within specifications. Engine must be warm for accurate idle adjustment. Ten minutes of stop and go operation is sufficient.*



**STEP 60**—Check battery charging system (volts and amperes) at battery, as described in shop manual.

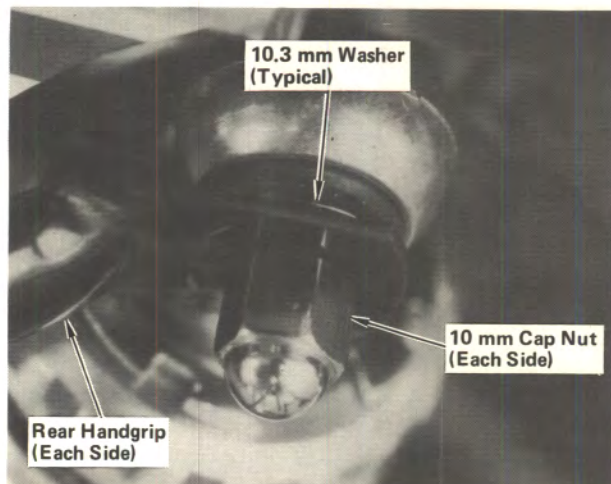


**STEP 61**—Position helmet holder on left seat tab and install using two 6 x 10 mm screws/washers. Tighten screws securely.

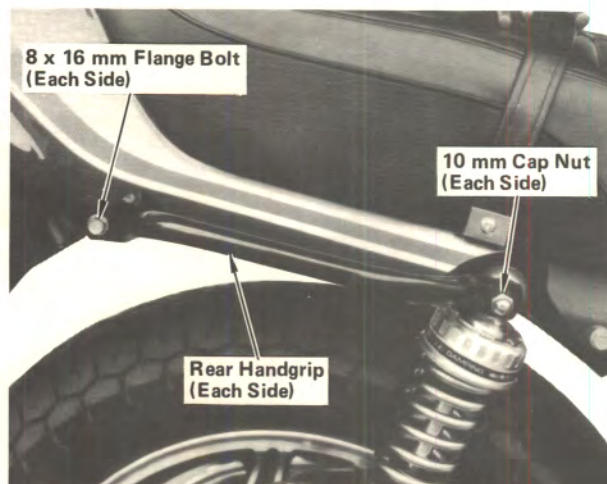


**STEP 62**—Insert front of seat by inserting seat prong under frame at rear of fuel tank and push seat forward firmly. Install rear of seat using an 8 x 20 mm flange bolt through each seat tab and into frame. Tighten bolts to specified torque.

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



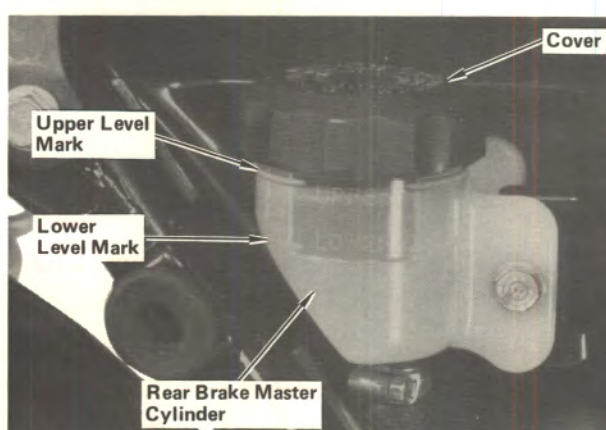
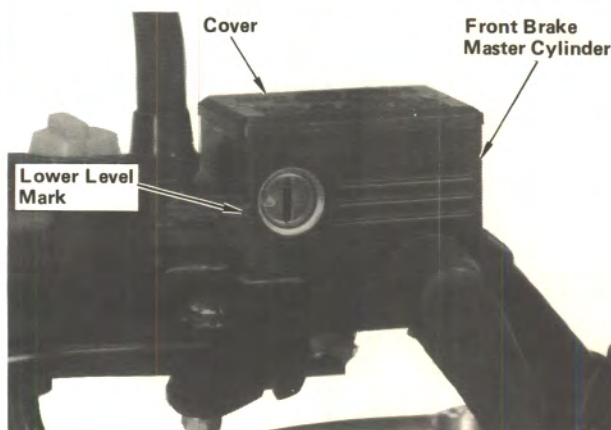
**STEP 63**—Place forward ends of rear handgrips on rear shock absorber upper studs on top of 10.3 mm washers and loosely install using a 10 mm cap nut on each stud.



**STEP 64**—Attach rear ends of rear handgrips to frame using an 8 x 16 mm flange bolt on each side. Tighten all 8 mm bolts and 10 mm cap nuts to specified torques.

**Torque specifications:**

|                |                     |
|----------------|---------------------|
| 8 mm bolt:     | 2.0 kg-m (15 lb-ft) |
| 10 mm cap nut: | 3.0 kg-m (22 lb-ft) |

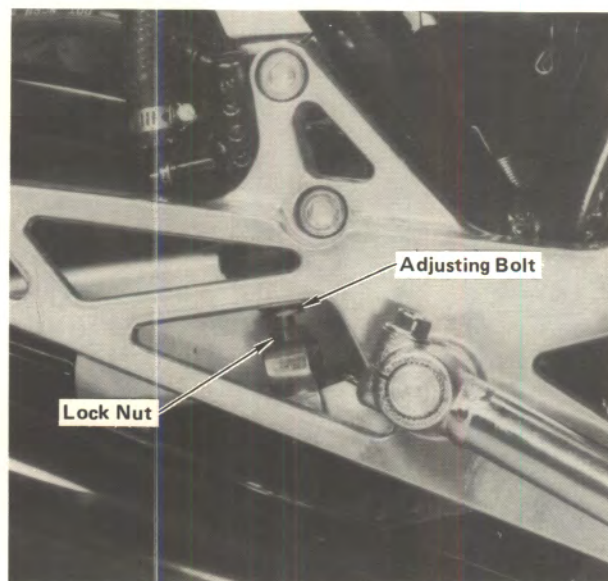
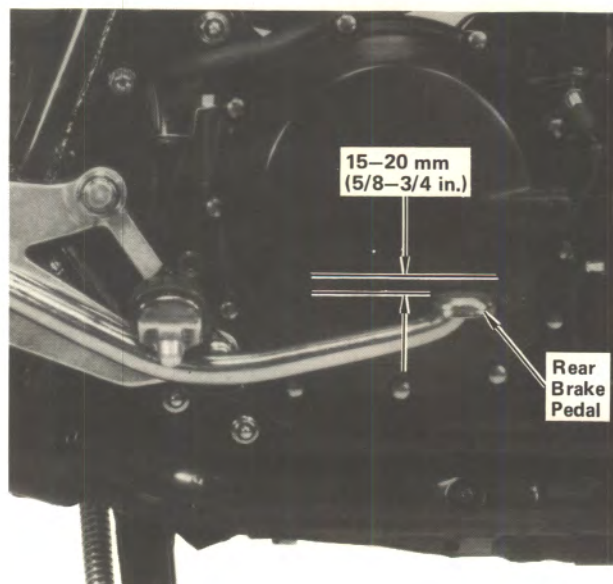


**STEP 65**—Check that brake fluid level is even with upper level mark on front and rear brake fluid reservoirs. Turn handlebars so reservoir is level. If necessary, remove cover, cap, and diaphragm. Add DOT 3 brake fluid from a sealed container. Install diaphragm and cover and cap. Tighten screws (front) 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.

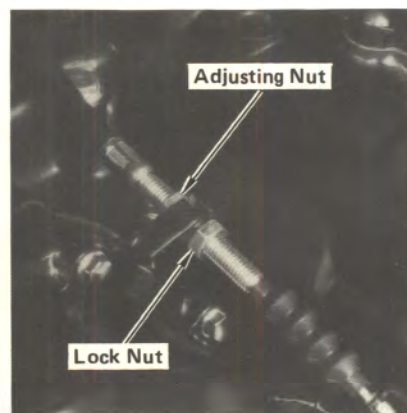
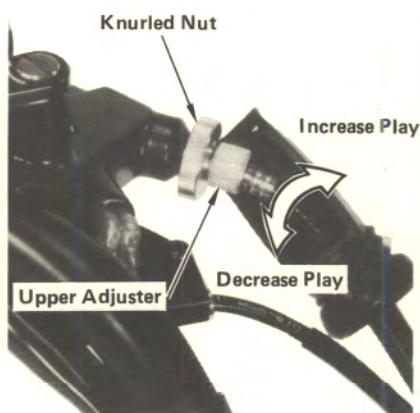
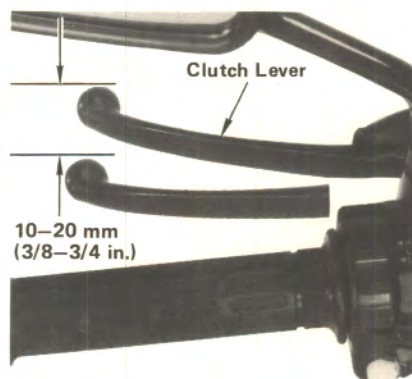
**WARNING** Brake fluid can cause irritation. Avoid contact with skin or eyes.

**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 has no free play adjustments.

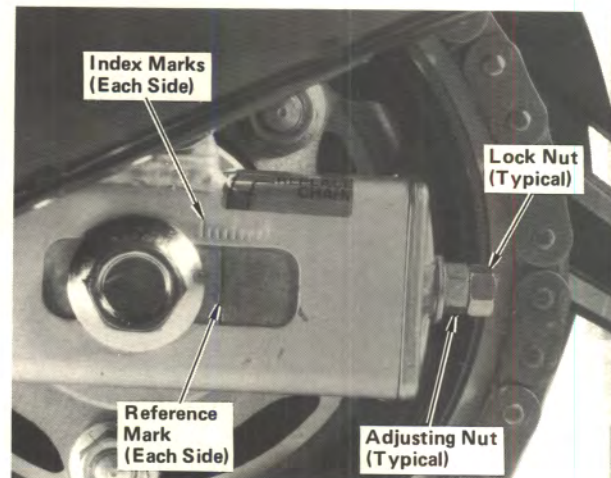
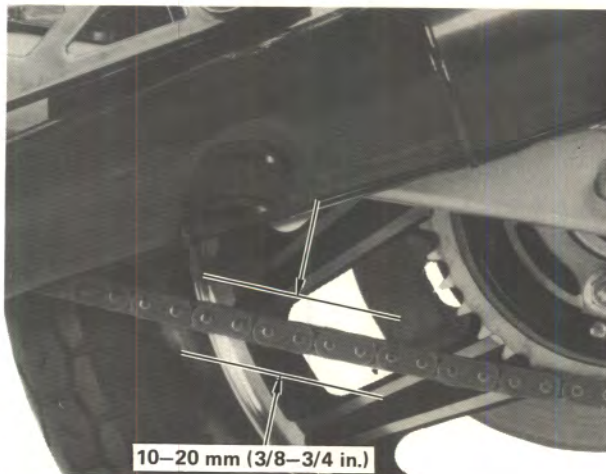


**STEP 66**—Adjust brake pedal height to allow 15–20 mm (5/8–3/4 in.) distance between upper surfaces of foot peg and brake pedal. To adjust, loosen lock nut, turn adjusting bolt, and tighten lock nut.



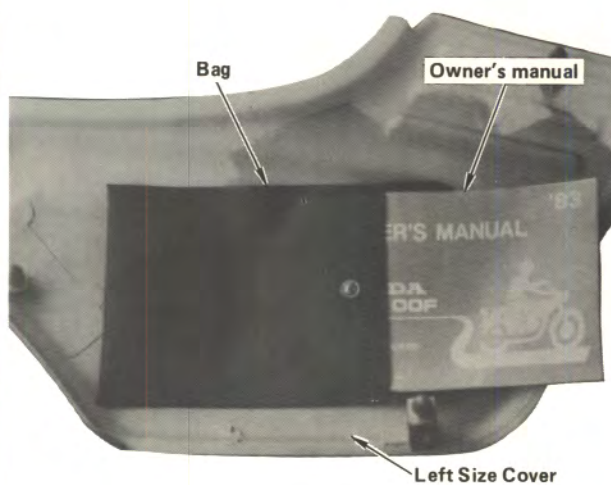
**STEP 67**—Check clutch lever free play at tip of lever between 10–20 mm (3/8–3/4 in.) before clutch starts to disengage. Clutch lever free play can be adjusted at either end of clutch cable. Use lower adjuster to make large adjustments by loosening lock nut and turning lower adjuster. Small adjustments are made at hand lever by loosening knurled nut and turning adjuster. After adjustment, tighten all lock nuts. Reinstall dust cover.

**CAUTION:** After adjusting clutch, check that clutch is not slipping, and that clutch is properly disengaging as follows: start engine. Pull in clutch lever and shift into gear, and check that engine does not stall or motorcycle start to creep. Gradually release clutch lever and open throttle, motorcycle should start smoothly and accelerate gradually.



**STEP 68**—Place motorcycle on centerstand and shift transmission into neutral. Check slack in lower drive chain run midway between sprockets. Drive chain slack should be adjusted to 10–20 mm (3/8–3/4 in.) vertical movement by hand. If drive chain requires adjustment, loosen the axle nut and lock nuts on both adjusters. Turn adjusting nuts an equal number of turns until correct drive chain slack is obtained. Make sure the chain adjuster reference mark aligns with the corresponding index mark on both sides of swingarm. Tighten both lock nuts. Tighten axle nut to specified torque. If necessary, clean chain with kerosene, wipe dry, and lubricate only with SAE 80 or 90 gear oil.

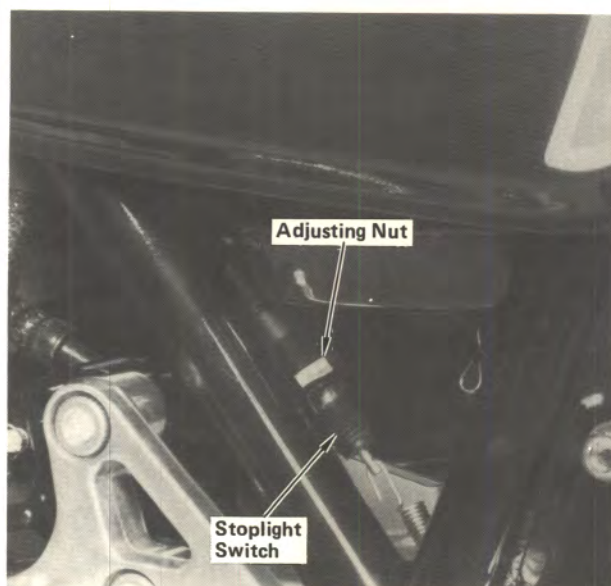
**Torque specification:**  
9.0 kg-m (68 lb-ft)



**STEP 69**—Place owner's manual in bag on back of left side cover.



**STEP 70**—Install right and left side covers.

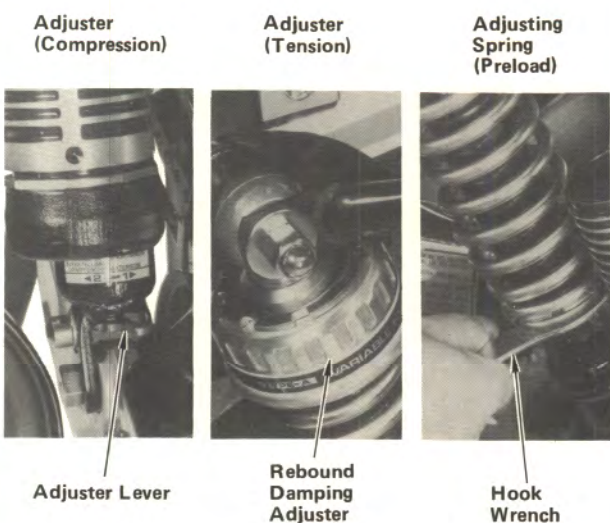


**STEP 71**—Turn ignition switch ON. Adjust rear stoplight switch so stoplight comes on when brake pedal is pressed and brake begins to engage. To adjust, turn adjusting nut as required.

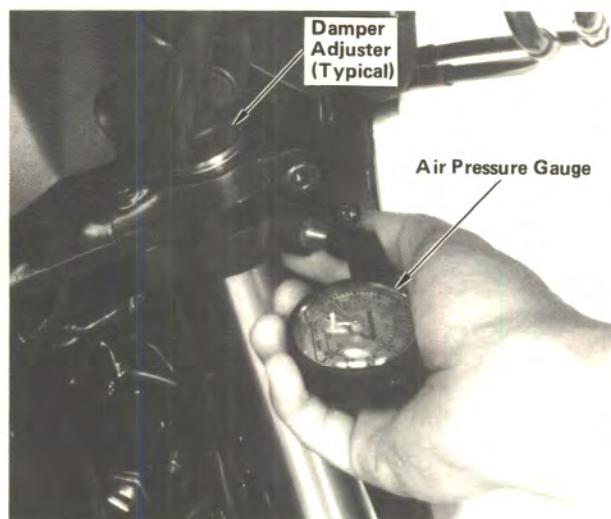
**CAUTION:** Do not turn switch body.



**STEP 72**—Adjust headlight beam according to local regulations before delivery. Adjust vertical aim by turning vertical adjusting screw. Adjust horizontal aim by turning horizontal adjusting screw. Turn horizontal adjusting screw clockwise to direct the beam towards right side of rider.



**STEP 73**—Check that right and left rear shock absorbers are adjusted to same position.



**STEP 74**—Check front fork air pressure. Check that right and left front fork damper adjusters are turned to same number.

**Recommended pressure:**  
0–8 psi (0–0.6 kg/cm<sup>2</sup>)



**STEP 75**—Check tire pressure and wheel condition.

Front: 36 psi

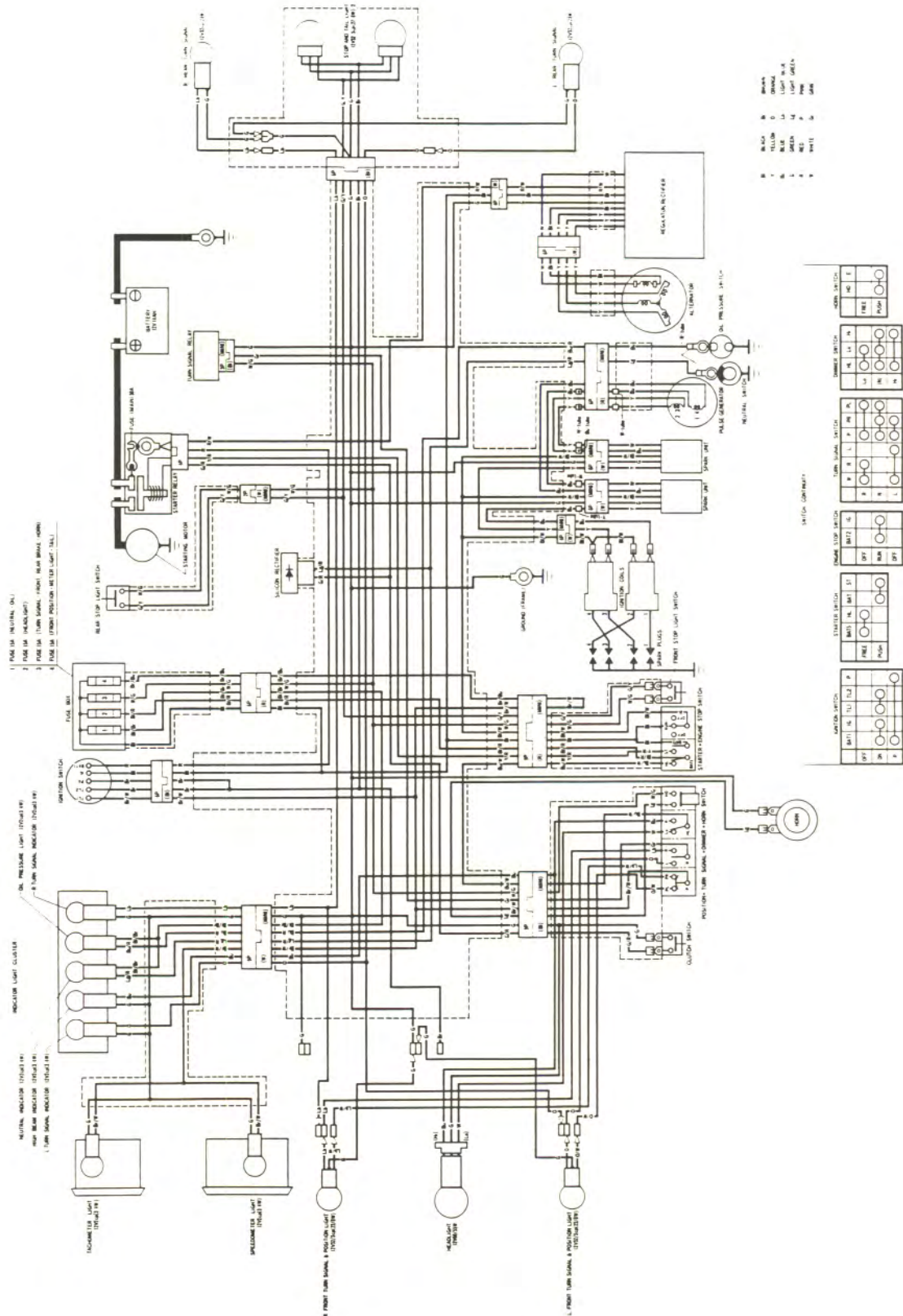
Rear: 36 psi

## CAUTION

REMOVE BATTERY AND MAINTAIN IN FULLY CHARGED CONDITION UNLESS MOTORCYCLE IS TO BE DELIVERED IMMEDIATELY. REFER TO SERVICE BULLETIN SL #48. DO NOT USE ELECTRIC STARTER IMMEDIATELY AFTER INSTALLATION OF A FRESHLY CHARGED BATTERY, SOME TIME IS REQUIRED FOR BATTERY TO ATTAIN FULL CAPACITY.

### TORQUE TABLE

| ITEM                      | SIZE  | TORQUE                |
|---------------------------|-------|-----------------------|
| Front axle nut            | ----- | 5.0 kg-m (36 lb-ft)   |
| Axle holder nuts          | 8 mm  | 2.5 kg-m (19 lb-ft)   |
| Brake pad retainer bolts  | 6 mm  | 1.0 kg-m (8 lb-ft)    |
| Caliper bolts             | 10 mm | 2.8 kg-m (20 lb-ft)   |
|                           | 8 mm  | 2.2 kg-m (16 lb-ft)   |
| Handlebar holder bolts    | 8 mm  | 2.1 kg-m (16 lb-ft)   |
| Handlebar clamp bolts     | 8 mm  | 2.8 kg-m (20 lb-ft)   |
| Clutch lever bolt         | ----- | 0.6 kg-m (4.5 lb-ft)  |
| Handlebar cover screws    | 5 mm  | 0.25 kg-m (2.5 lb-ft) |
| Headlight cover screws    | 5 mm  | 0.5 kg-m (3.7 lb-ft)  |
| Tool tray screws          | 5 mm  | 0.5 kg-m (3.7 lb-ft)  |
| Cylinder head cover bolts | ----- | 1.0 kg-m (8 lb-ft)    |
| Seat bolts                | 8 mm  | 2.1 kg-m (16 lb-ft)   |
| Rear handgrip bolts       | 8 mm  | 2.0 kg-m (15 lb-ft)   |
| Rear shock upper cap nuts | 10 mm | 3.0 kg-m (22 lb-ft)   |
| Rear axle nut             | ----- | 9.0 kg-m (68 lb-ft)   |



*NOTE: Check all items listed on the following Pre-Delivery Service Check List. Refer to owner's manual or shop manual for specifications and detailed procedures. Always test ride the unit to make sure that it is functioning properly.*

### PRE-DELIVERY SERVICE CHECK LIST

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li><input type="checkbox"/> Fill front and rear brake master cylinder reservoirs with DOT 3 brake fluid, and bleed brake system if necessary.</li><li><input type="checkbox"/> Check front brake operation.</li><li><input type="checkbox"/> Adjust rear brake pedal height and check operation.</li><li><input type="checkbox"/> Adjust clutch, check cable routing and check operation.</li><li><input type="checkbox"/> Fill crankcase with recommended oil.</li><li><input type="checkbox"/> Remove and inspect fuel tank, drain and flush.</li><li><input type="checkbox"/> Check and clean air cleaner element.</li><li><input type="checkbox"/> Check valve clearance, adjust if necessary.</li><li><input type="checkbox"/> Reinstall fuel tank, fill with fuel, turn on fuel petcock and check for leaks.</li><li><input type="checkbox"/> Install and adjust mirrors.</li><li><input type="checkbox"/> Check ignition timing. Adjust if necessary.</li><li><input type="checkbox"/> Check throttle grip free play, cable routing, and operation in all steering positions.</li><li><input type="checkbox"/> Check choke lever operation.</li><li><input type="checkbox"/> Adjust cam chain tension.</li><li><input type="checkbox"/> Synchronize carburetors.</li><li><input type="checkbox"/> Adjust idle speed.</li><li><input type="checkbox"/> Adjust and lubricate drive chain.</li><li><input type="checkbox"/> Check tire pressure and wheel condition.</li><li><input type="checkbox"/> Check front fork air pressure.</li><li><input type="checkbox"/> Check operation and adjustment of front and rear suspension.</li></ul> | <ul style="list-style-type: none"><li><input type="checkbox"/> Inspect electrical components for proper operation and adjustment.<ul style="list-style-type: none"><li>• Headlight: Adjust high and low beam aim, and check high beam pilot light.</li><li>• Tail and stoplight.</li><li>• Stoplight switches: Adjust and check operation with both front and rear brake controls.</li><li>• Turn signals.</li><li>• Running lights.</li><li>• Horn.</li><li>• Engine stop switch.</li><li>• Starter.</li><li>• Instrument, turn signal, oil pressure, and neutral indicator lights.</li><li>• Battery charging system.</li></ul></li><li><input type="checkbox"/> Check security of all nuts, bolts, and other fasteners.</li><li><input type="checkbox"/> Check to ensure that all applicable recall and product update campaigns are complied with.</li><li><input type="checkbox"/> <b>TEST RIDE:</b> Check performance, handling, and operation.<ul style="list-style-type: none"><li>• Transmission and clutch: Ease of shifting, clutch operation, etc.</li><li>• Acceleration: Smoothness, etc.</li><li>• Cruising: Smoothness, etc.</li><li>• Handling: Stability and cornering.</li><li>• Brakes: Smoothness and stopping power.</li><li>• Idling: Smoothness, throttle response and return to idle.</li><li>• Recheck idle speed after 10 minutes of stop and go driving.</li><li>• Speedometer and tachometer: Proper operation.</li><li>• Upon completion of test ride, check for fuel and oil leaks.</li></ul></li></ul> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## LOOSE PARTS

The following is a list of items contained in the crate.

| PART NAME                                 | QTY | H/C    | PART NUMBER    |
|-------------------------------------------|-----|--------|----------------|
| Rubber, gearshift pedal                   | 1   | 049437 | 24781-419-000  |
| Battery                                   | 1   | 095261 | 31500-461-770  |
| Wire band, B1                             | 2   | 046881 | 32161-404-000  |
| Tool box                                  | 1   | 130663 | 50327-MG5-670  |
| Handle cover                              | 1   | 130706 | 53205-MG5-670  |
| Headlight cover                           | 1   | -----  | 64220-MG5-670  |
| Band, tool bag                            | 1   | 033817 | 83606-356-000  |
| Right rear side grip                      | 1   | 130732 | 84100-MG5-670  |
| Left rear side grip                       | 1   | 131094 | 89010-MG5-670  |
| Right rear view mirror                    | 1   | 131092 | 88110-MC5-004  |
| Left rear view mirror                     | 1   | 131093 | 88120-MC5-004  |
| Cap nut, rear shock absorber              | 2   | 024158 | 90309-315-000  |
| Washer, 10.3 mm, shock absorber           | 2   | 014487 | 90521-292-000  |
| Screw, 4 mm, handlebar                    | 2   | 131096 | 90101-MG5-670  |
| Cap, socket bolt                          | 6   | 043219 | 91456-371-770  |
| Pan screw, 5 x 10 mm, battery box         | 2   | 058319 | 93500-05010-0G |
| Pan screw, 6 x 20 mm, headlight cover     | 2   | 079148 | 93500-06020-0G |
| Screw, oval, 5 x 20 mm, speedometer cable | 1   | 076872 | 93700-05020-0G |
| Screw-washer, 5 x 12 mm, handle cover     | 2   | 086086 | 93891-05012-07 |
| Screw-washer, 6 x 10 mm, helmet holder    | 2   | 076910 | 93892-06010-00 |
| Nut, 8 mm, front fork                     | 2   | 011468 | 94030-08000    |
| Washer, plain, 8 mm, front fork           | 4   | 005909 | 94101-08000    |
| Washer, lock, 8 mm, front fork            | 4   | 005898 | 94111-08000    |
| Bolt, flange, 8 x 16 mm                   | 4   | 063124 | 95700-08016-00 |
| Axle, front wheel                         | 1   | 095212 | 44301-MA4-670  |
| Front wheel axle collar                   | 1   | 094634 | 44311-461-770  |
| Speedometer gearbox                       | 1   | 130642 | 44800-MG5-671  |
| Holder, axle                              | 2   | 048337 | 51634-410-003  |
| Bolt, socket, 8 x 32 mm                   | 2   | 040902 | 90185-371-000  |
| Nut, axle, 12 mm                          | 1   | 029742 | 90305-333-000  |
| Nut, hex, 8 mm                            | 2   | 011468 | 94030-08000    |
| Bolt, flange, 10 x 53 mm                  | 1   | 131105 | 90185-MB7-610  |
| Bolt, flange, 8 x 55 mm                   | 1   | 121310 | 90180-MA3-660  |
| Owner's manual                            | 1   | 130455 | 31MG5600       |
| Tool kit                                  | 1   | 131094 | 89010-MG5-670  |





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# HONDA

MODIFICATIONS WHICH YOU HAVE MADE, OR SHOULD MAKE IN THE FUTURE, TO ANY HONDA MOTORCYCLE, SHALL BE DEEMED BY OUR COMPANY TO HAVE BEEN PERFORMED AT YOUR SOLE RISK AND RESPONSIBILITY, AND WITHOUT OUR COMPANY'S OR THE MANUFACTURER'S APPROVAL OR CONSENT, IMPLIED OR EXPRESSED. WE FURTHER DISCLAIM ANY AND ALL LIABILITY, OBLIGATION, OR RESPONSIBILITY FOR ANY DEFECTS OF MODIFIED PARTS OR OF THE MODIFIED MOTORCYCLE, AND FOR ANY CLAIMS, DEMANDS, OR CAUSES OF ACTION FOR DAMAGE TO PROPERTY OR FOR PERSONAL INJURIES RESULTING FROM THE MODIFICATION OF SAID HONDA MOTORCYCLE.

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