

Set-up Instructions

1986 Model ATC 250SX



MPD 9144 8508

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

WARNING

WARNING

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SET-UP AND PRE-DELIVERY SERVICE MUST BE PERFORMED BY AN AUTHORIZED HONDA ALL TERRAIN VEHICLE (ATV) DEALER. Proper set-up and pre-delivery service is essential to rider safety and reliability of the vehicle. When a customer takes delivery of his brand new vehicle 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 vehicle. An error or oversight made by the mechanic assembling and servicing a new unit can easily result in faulty operation, damage to the vehicle, or even injury to the rider.



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

Date of Issue: 8/85

SET-UP INSTRUCTION REVISED PAGES

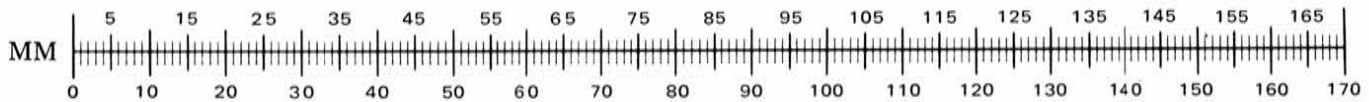
Pages Affected

1 through 30

Rev. Date

Original

Remove and destroy superseded pages.



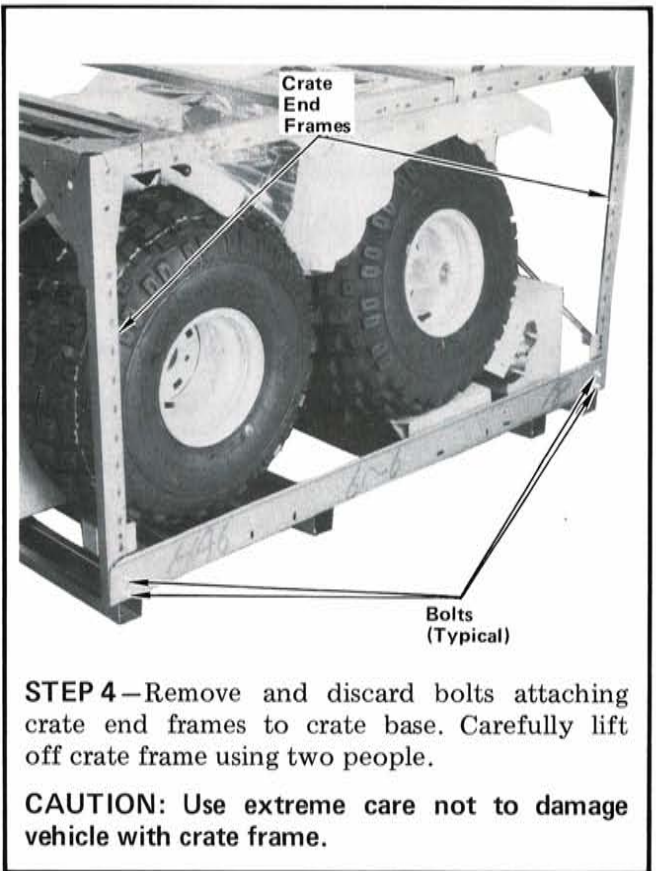
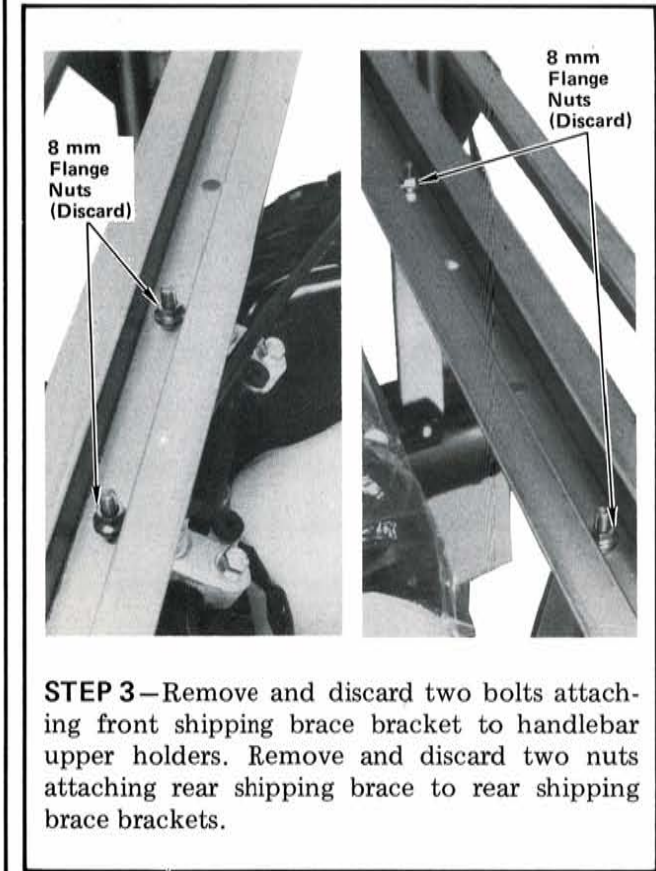
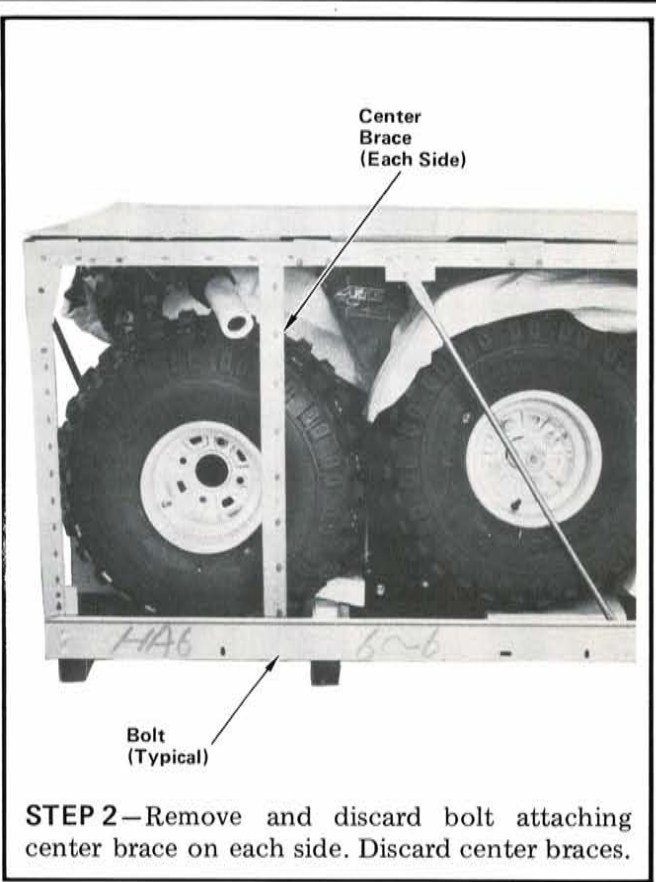
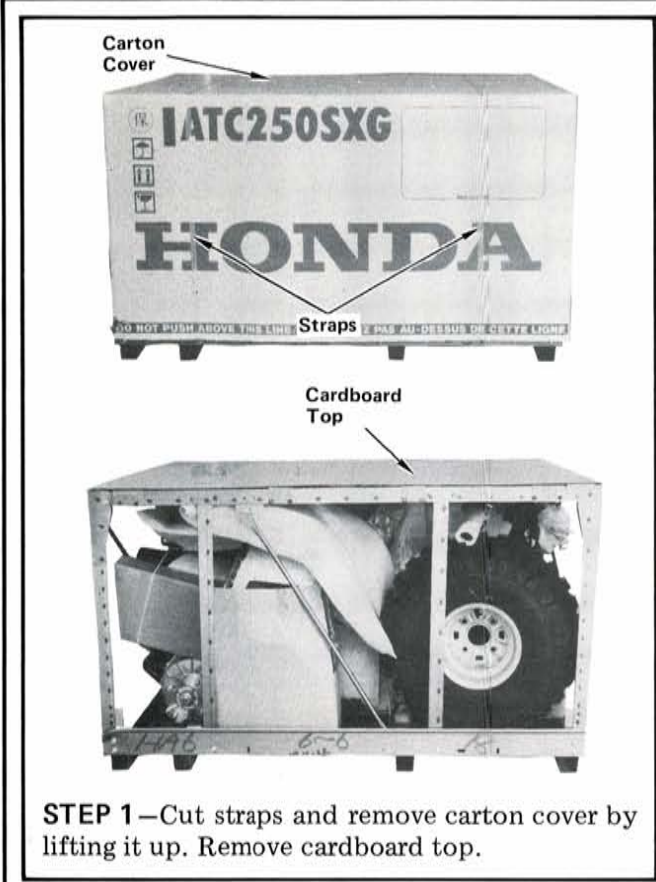
METRIC SCALE FOR DETERMINING BOLT LENGTHS/DIAMETERS

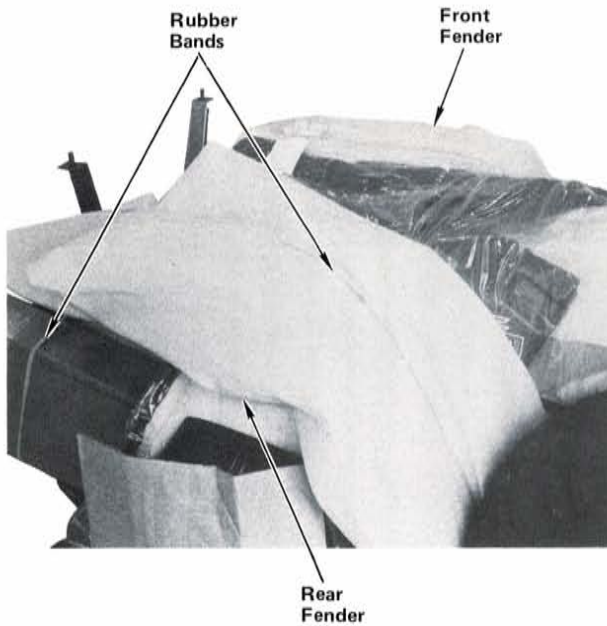
Pay special attention to warnings, cautions, and notes.

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

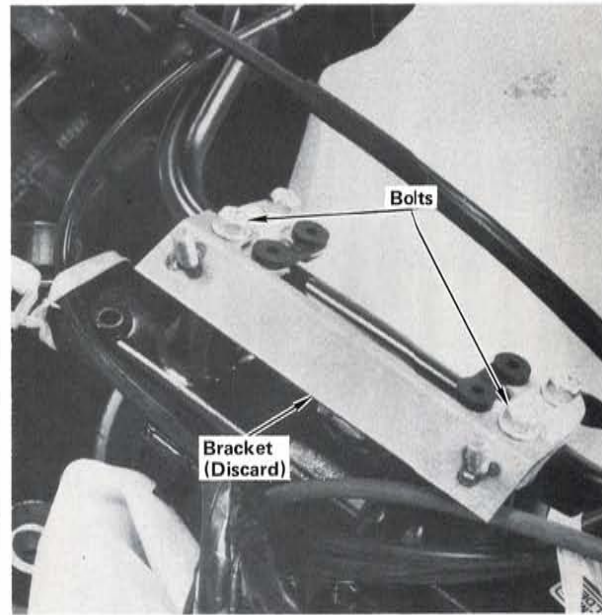
CAUTION: means hazards or unsafe practices which could cause minor personal injury or product or property damage.

NOTE: gives helpful information.

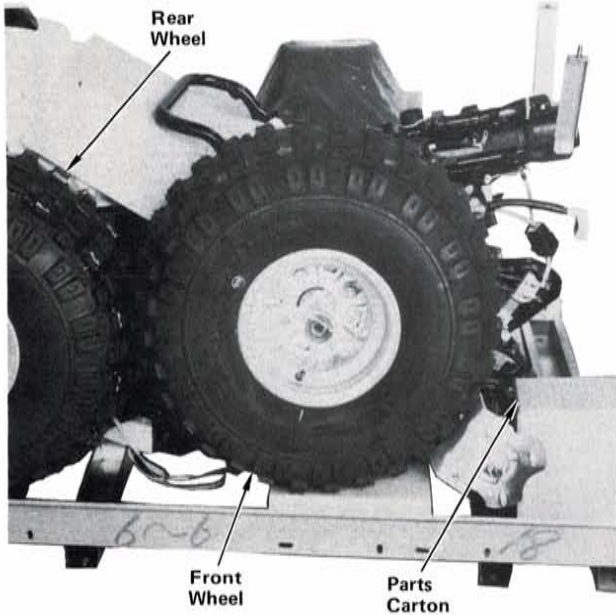




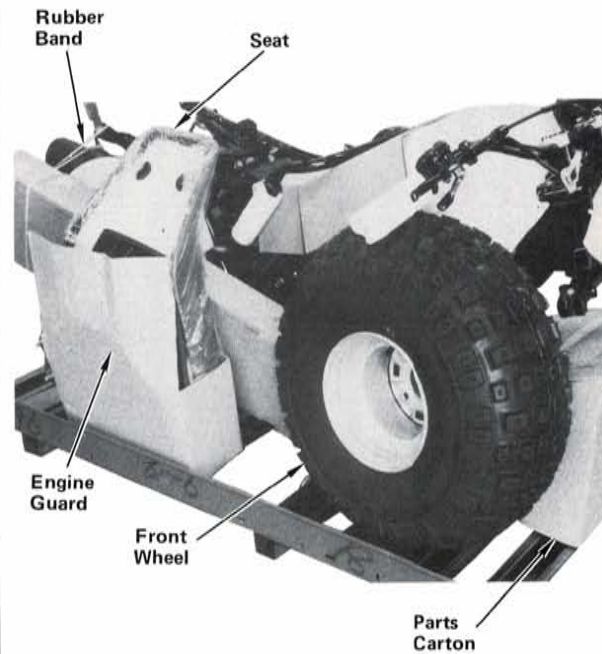
STEP 5—Remove front and rear fender from top of vehicle by removing rubber band. Remove protective covering.



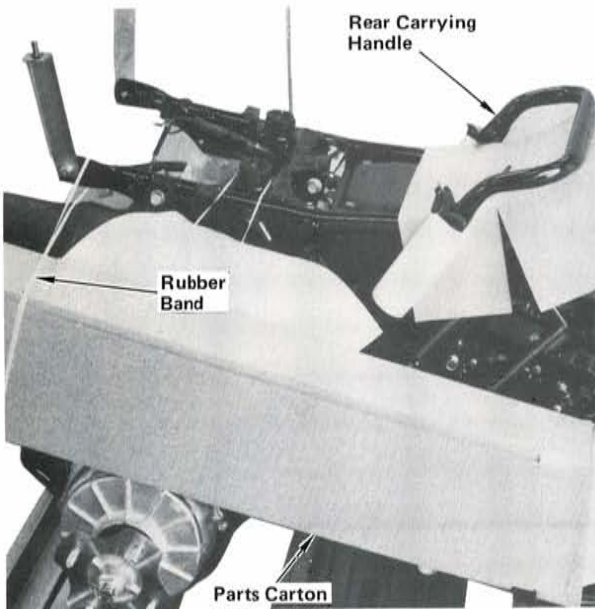
STEP 6—Remove two bolts and shipping bracket from handlebar holders. Discard bracket.



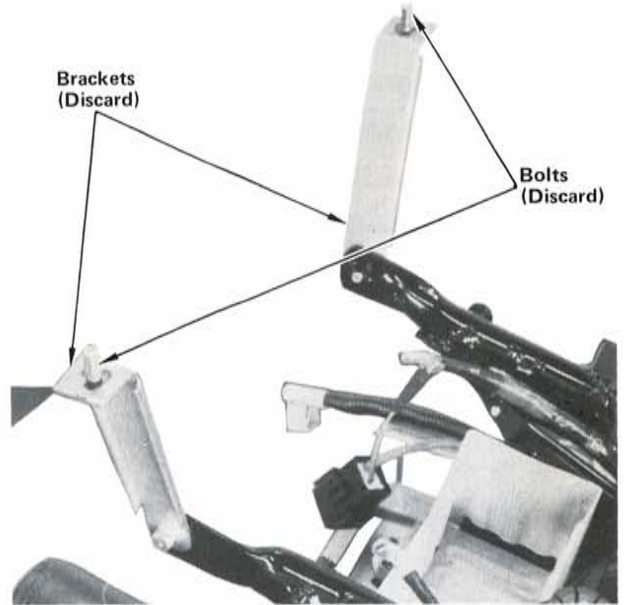
STEP 7—Remove rear wheels, rear carrying handle, front fender, and parts carton by removing rubber band. Remove protective covering.



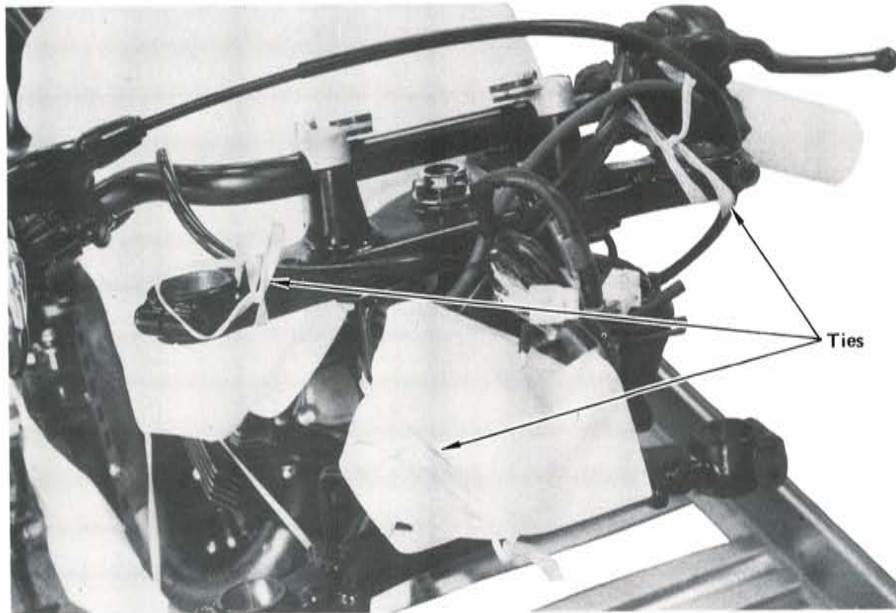
STEP 8—Remove remaining loose parts from crate base by removing rubber bands.



STEP 9—Remove rear carrying handle and parts carton from vehicle by removing rubber band.



STEP 10—Remove rear shipping brace brackets by removing two bolts. Discard brackets and bolts.



STEP 11—Remove ties attaching cables, wire harness and indicator light panel to upper fork bridge and headlight bracket. Remove protective wrapping.



STEP 12—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" on the following page. 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 M/C WARRANTY CLAIM SO908.

LOOSE PARTS

The following is a list of loose parts contained in the shipping crate:

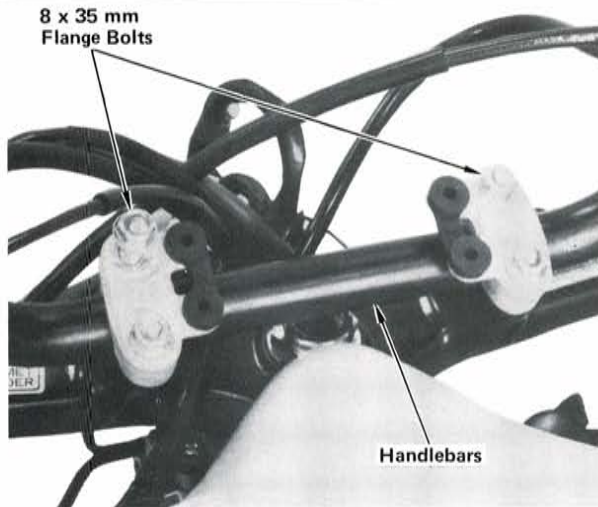
| PART NAME | QTY | H/C | PART NUMBER |
|----------------------------------|-----|---------|---------------|
| 1. Seat | 1 | 2096758 | 77100-HA6-680 |
| 2. Front brake panel | 1 | ----- | 4500-HA6-680 |
| 3. Battery | 1 | ----- | ----- |
| 4. Headlight case | 1 | ----- | ----- |
| 5. Battery electrolyte container | 1 | ----- | ----- |
| 6. Headlight sub wire harness | 1 | 1841188 | 32120-HA6-000 |
| 7. Rear carrying handle | 1 | ----- | 81200-HA6-681 |
| 8. Front fork, right | 1 | 1844059 | 51400-HA6-003 |
| Front fork, left | 1 | 1844117 | 51500-HA6-003 |
| 9. Front axle | 1 | 1841485 | 44301-HA6-000 |
| Axle collar | 1 | 1822659 | 44312-HA0-000 |
| 10. Front fender | 1 | ----- | ----- |
| 11. Skid plate | 1 | 1822956 | 50355-HA0-000 |
| 12. Taillight assembly | 1 | ----- | ----- |
| 13. Rear fender mud flap, right | 1 | ----- | 80111-HA6-000 |
| Rear fender mud flap, left | 1 | ----- | 80112-HA6-000 |
| 14. Front seat prong | 1 | ----- | ----- |
| 15. Tool box | 1 | 1842152 | 83500-HA6-000 |
| 16. Tool kit | 1 | 2088466 | 89010-HA0-681 |
| 17. Rear fender stay, right | 1 | ----- | ----- |
| Rear fender stay, left | 1 | ----- | ----- |
| 18. Engine guard | 1 | 1822964 | 50360-HA0-000 |
| 19. Seat lock lever | 1 | 2096766 | 77105-HA6-680 |
| 20. Rear fender | 1 | ----- | ----- |
| 21. Rear luggage box | 1 | ----- | ----- |
| 22. Battery holder | 1 | ----- | 31590-HA6-680 |
| 23. Owner's manual | 1 | ----- | ----- |
| 24. Rear fender brace | 1 | 2096790 | 80116-HA6-680 |
| 25. Owner's manual bag | 1 | ----- | 83642-HA0-681 |
| 26. Attaching hardware | | | |
| Drain tube | 1 | 1647254 | 17358-VM4-000 |
| Wire band | 2 | 0468819 | 32161-404-000 |
| Taillight pin | 2 | 2095941 | 33716-HA6-680 |
| Front brake spring | 1 | 1934116 | 45455-HA6-000 |
| Cable guide, inner | 2 | 0293324 | 45466-329-000 |
| Brake cable guide | 1 | 1934132 | 45467-HA6-000 |
| Brake cable guide B | 1 | 1078617 | 45468-KA2-680 |
| Spacer rubber/Engine guard | 1 | 1822964 | 50360-HA0-000 |
| Stopper rubber/drain | 1 | 1822980 | 50362-HA0-000 |
| Handlebar cover, right | 1 | 1841832 | 53205-HA6-000 |
| Handlebar cover, left | 1 | 1841873 | 53215-HA6-000 |
| Lock lever bracket, right | 1 | 1842004 | 77108-HA6-000 |

STEP 12--(Continued)

LOOSE PARTS (CONT)

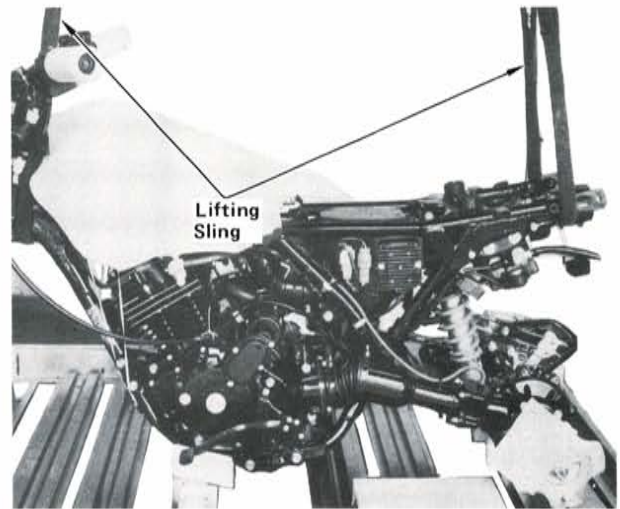
| PART NAME | QTY | H/C | PART NUMBER |
|--|-----|---------|----------------|
| Special nut 6 x 7 mm, rear mud guard | 8 | 0955575 | 61304-958-003 |
| Lock spring, seat | 1 | 1841998 | 77107-HA6-000 |
| Rubber cushion, seat A | 4 | 0154799 | 77204-286-020 |
| Rear fender nut | 3 | 1842061 | 80104-KJ2-000 |
| Retaining strap | 1 | 1304401 | 80214-943-000 |
| Special screw, mud flap | 8 | 1798339 | 90103-VM4-003 |
| Bolt, flange 8 x 10 mm, gear case protector | 3 | 1741081 | 90116-965-000 |
| Bolt, flange 8 x 40 mm | 2 | 1404698 | 90118-965-000 |
| Lock nut, rear wheel | 8 | 2009397 | 90314-VM0-771 |
| Front fender washer | 4 | 1044288 | 90404-680-000 |
| Pan head screw 6 x 20 mm, headlight | 1 | 0791483 | 93500-06020-0G |
| Nut, flange 6 mm | 9 | 0471623 | 94050-06000 |
| Bolt, flange 6 x 10 mm, trunk lid | 3 | 0344952 | 95700-06010-08 |
| Bolt, flange 6 x 12 mm, battery holder | 1 | 0252254 | 95700-06012-08 |
| Bolt, flange 6 x 25 mm, front fender | 4 | 0484485 | 95700-06025-00 |
| Bolt, flange 8 x 16 mm, rear handrail | 2 | 0631242 | 95700-08016-00 |
| Bolt, flange 8 x 16 mm, skid plate | 3 | 0631242 | 95700-08016-00 |
| Bolt, flange 8 x 22 mm, carrying handle | 1 | 0637090 | 95700-08022-00 |
| Bolt, flange 8 x 25 mm, carrying handle | 1 | 0671214 | 95700-08025-00 |
| Front brake adjusting nut | 1 | 0710921 | 43459-434-000 |
| Pin, indicator panel | 4 | 1841865 | 53212-HA6-000 |
| Bolt, flange 8 x 40 mm, fork top bridge | 4 | 1404698 | 90118-965-000 |
| Joint, front brake arm | 1 | 0400945 | 95015-32001 |
| Bolt, flange 8 x 35 mm, handlebar upper holder | 2 | 0368639 | 95700-08035 |
| 27. Rear wheel | 2 | ----- | 42700-HA6-680 |
| 28. Front wheel | 1 | ----- | 44600-HA6-680 |

STEP 12—(Continued)



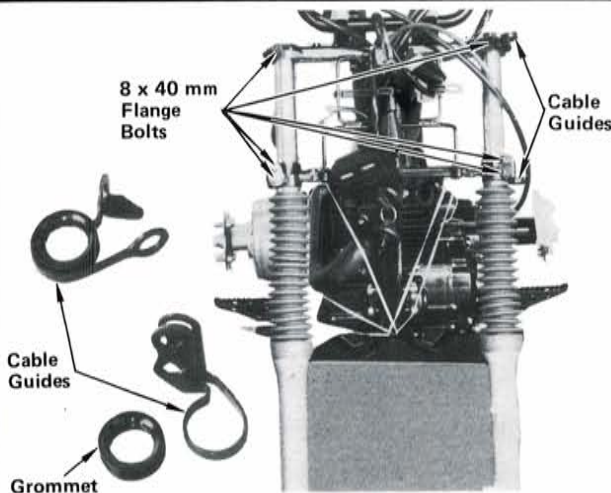
STEP 13—Raise handlebar grips until punch mark on handlebar is aligned with top of lower holder, and align serrations on handlebar with lower holders. Insert two 8 x 35 mm flange bolts through forward holes of upper holders. Tighten forward bolts to specified torque first, then tighten rear bolts to same torque.

Torque specification:
2.4 kg-m (18 lb-ft)



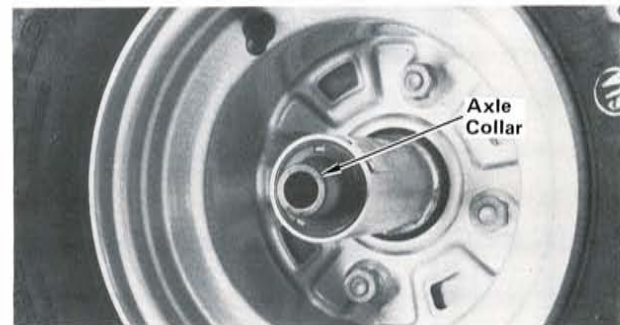
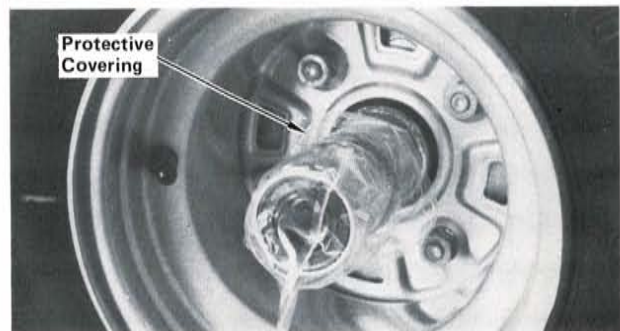
STEP 14—Position lifting sling as shown and carefully lift vehicle off crate base. Remove and discard crate base.

CAUTION: Use extreme care not to damage fuel tank, wire harnesses, or cables with lifting sling.

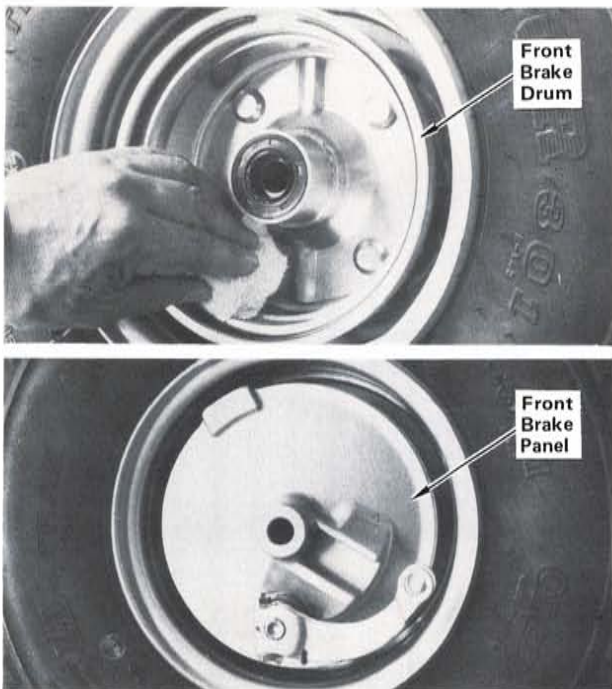


STEP 15—Insert right and left fork legs up through lower and upper fork bridges. (Fork leg with axle holder goes on right side.) Install fork legs using six 8 x 40 mm black flange bolts, with upper and lower cable guides under heads of left bolts. Align split between fork cap and fork leg with upper surface of upper fork bridge and tighten bolts to specified torque.

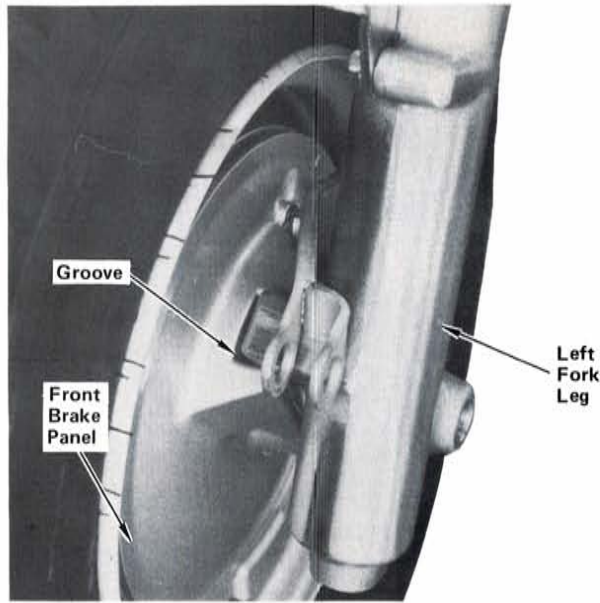
Torque specification:
3.2 kg-m (23 lb-ft)



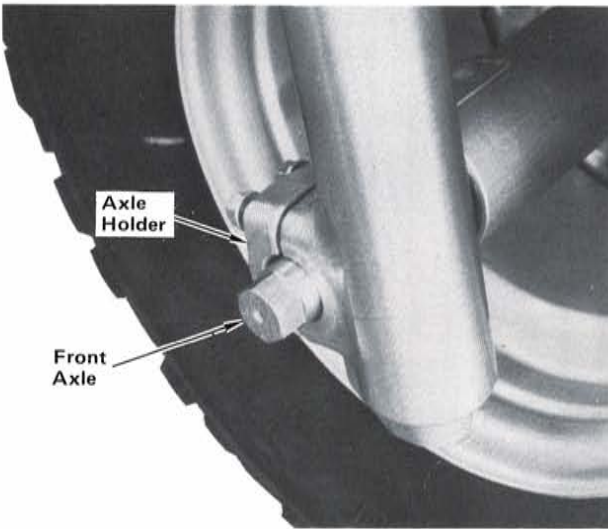
STEP 16—Remove protective covering from front wheel grease seals. Check that grease seals are clean and filled with grease. Insert axle collar into long end of hub.



STEP 17—Check that brake linings and front wheel brake drum are clean. If necessary, wipe wheel brake drum with a clean cloth. Install front brake panel.

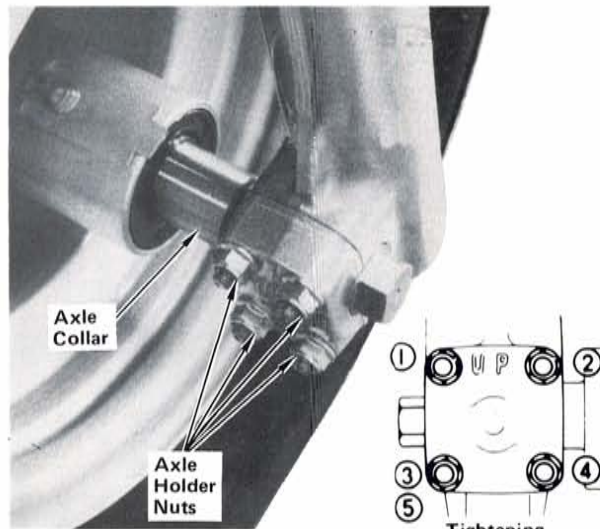


STEP 18—Position front wheel between fork legs with brake panel on left, and insert fork tongue into groove in brake panel.



STEP 19—Rotate right fork leg slider so axle holder faces the rear. Insert front axle through axle holder, wheel hub, brake panel, and screw into left fork leg. Tighten axle to specified torque.

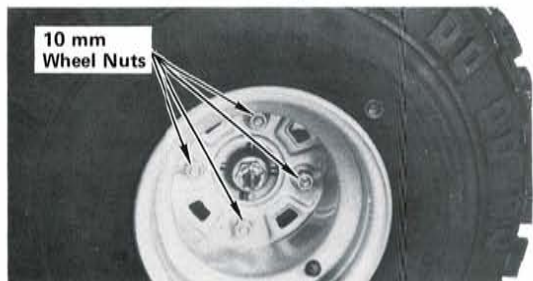
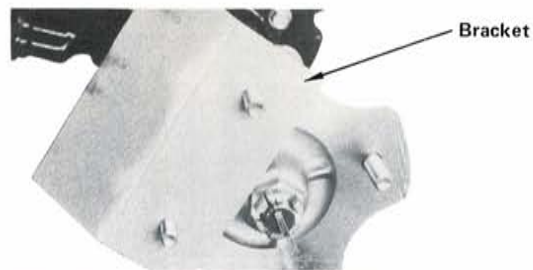
Torque specification:
9.0 kg-m (65 lb-ft)



STEP 20—Tighten axle holder nuts to specified torque in sequence shown.

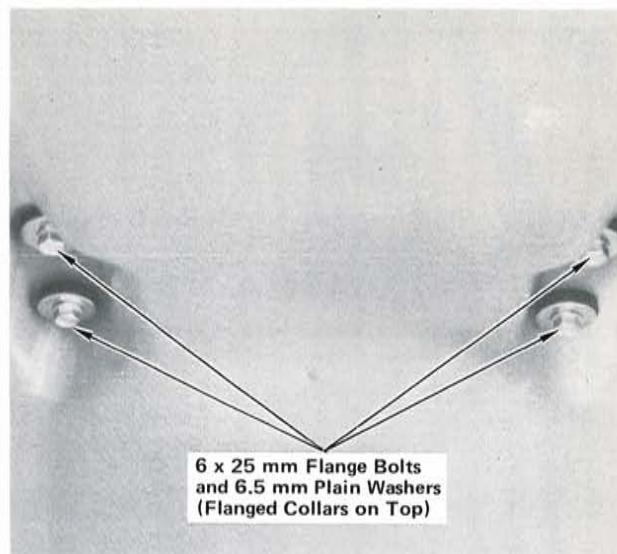
NOTE: Be sure to retighten #3 nut after tightening #4 nut.

Torque specification:
1.2 kg-m (9 lb-ft)



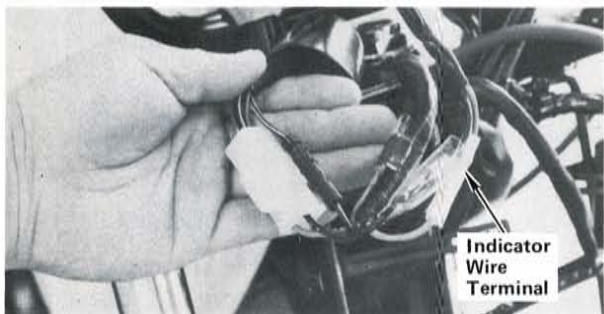
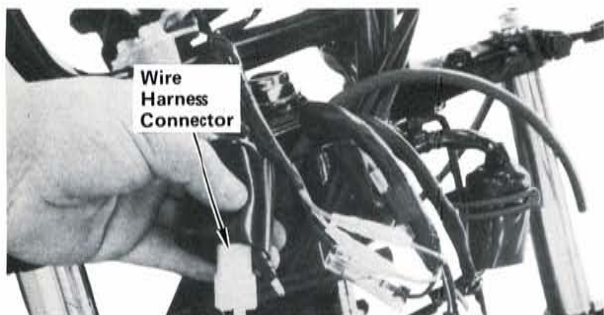
STEP 21—Remove rear wheel brace bracket. Insert studs of rear wheel hubs through rear wheels as shown. Install each hub using four 10 mm nuts. Tighten nuts to specified torque. Remove lifting sling.

Torque specification:
5.5 kg-m (40 lb-ft)

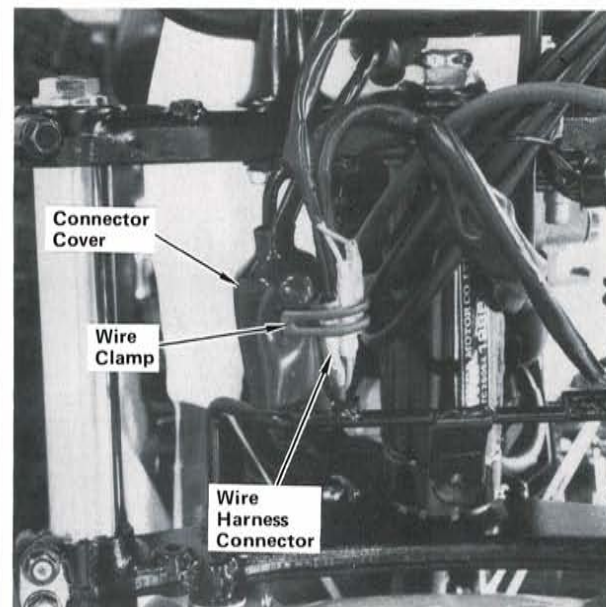


STEP 22—Position front fender between fork legs, with mud flap towards the rear, and install using four 6 x 25 mm flange bolts and 6.5 mm plain washers. Be sure flanged collars are in place. Tighten bolts to specified torque.

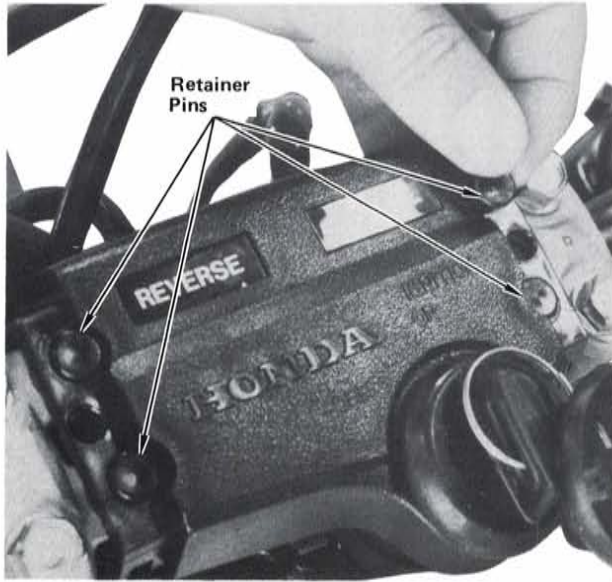
Torque specification:
1.0 kg-m (8 lb-ft)



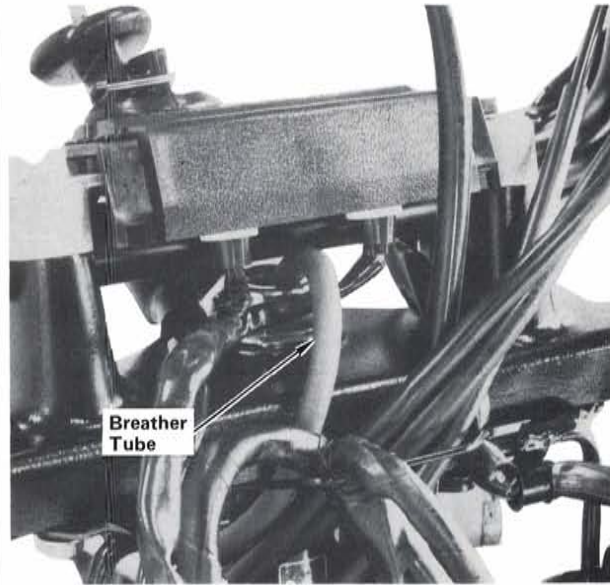
STEP 23—Connect wire harness connectors and indicator wire terminals as shown.



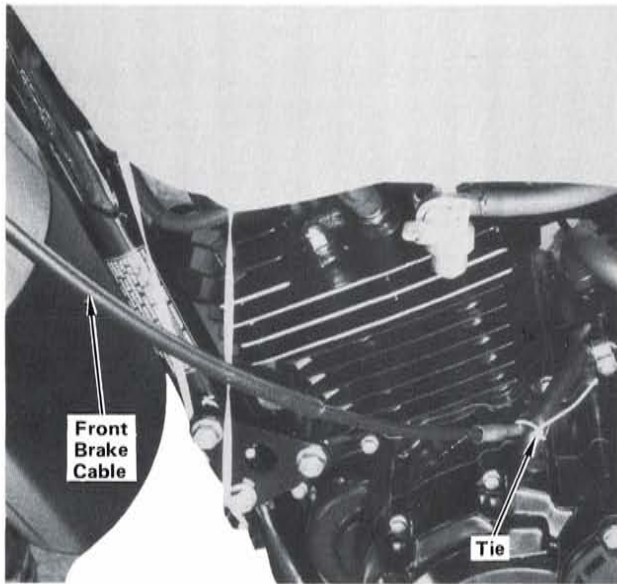
STEP 24—Secure connector cover and wire harness connector to right side of headlight case bracket using wire clamp as shown.



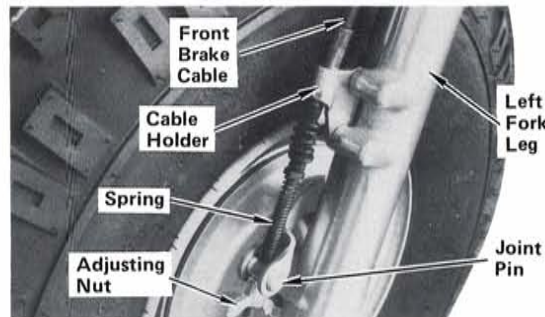
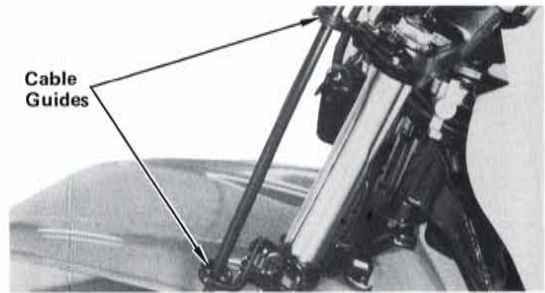
STEP 25—Position indicator light panel over handlebar as shown and align holes of cover with holes in grommets on upper holders. Press four retaining pins down through holes and grommets to secure panel as shown.



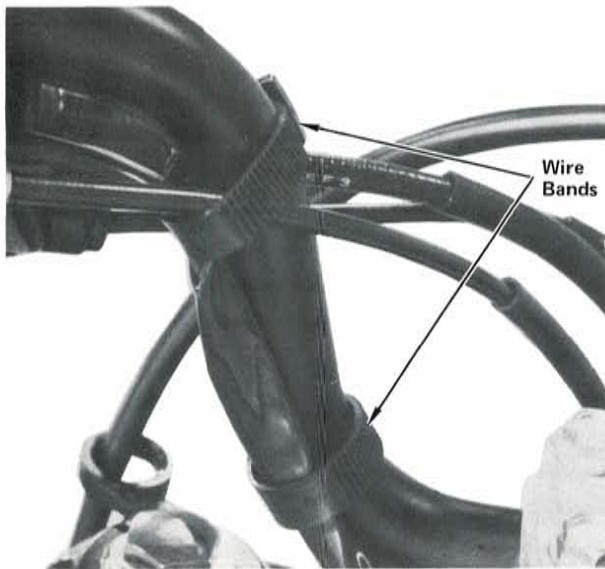
STEP 26—Route end of rear brake breather tube under handlebar brace and through hole in steering stem nut as shown.



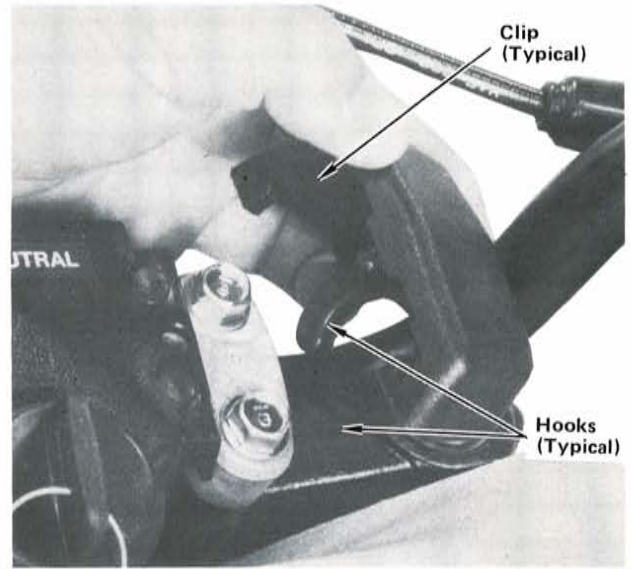
STEP 27—Remove tie holding end of front bracket cable to wire harness.



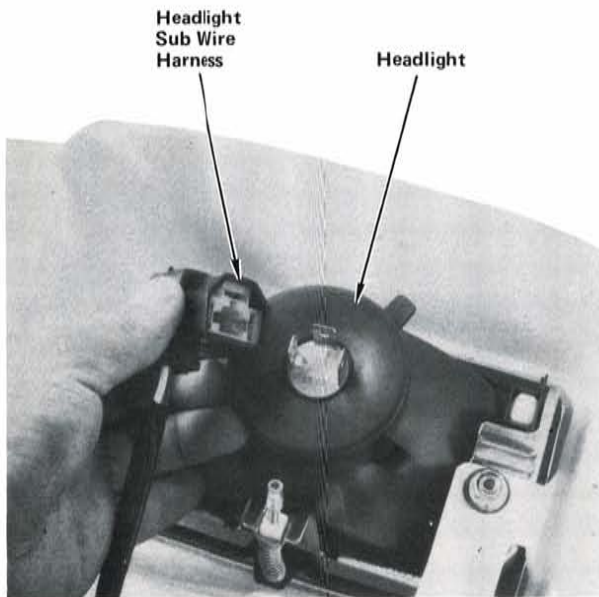
STEP 28—Route front brake cable down through cable guides on upper and lower fork bridges. Route front brake cable through cable holder on left fork leg. Slip spring over end of cable and connect cable to brake arm using a joint pin and adjusting nut as shown.



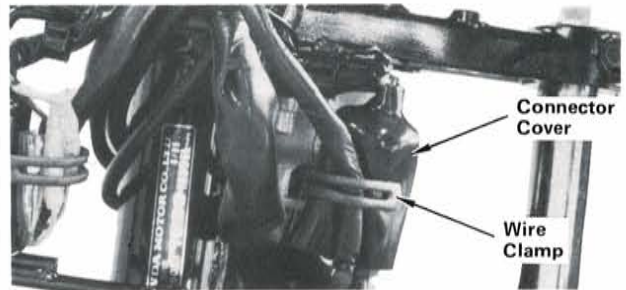
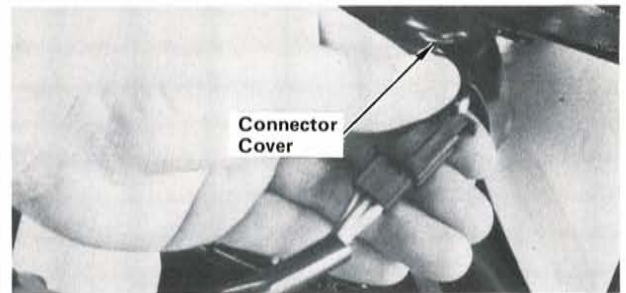
STEP 29—Attach left handlebar switch wires and choke cable to handlebar using two wire bands positioned where shown.



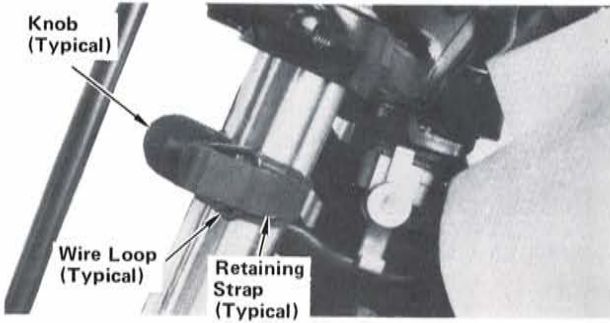
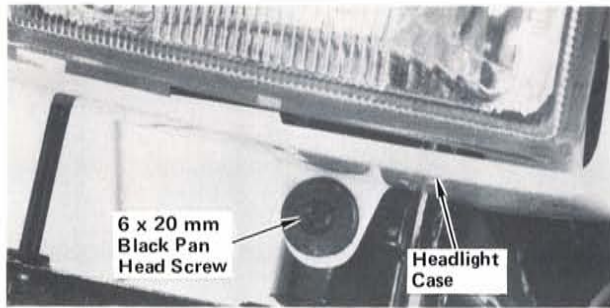
STEP 30—Install right and left handlebar holder covers on each side of indicator light panel by clipping onto handlebar, inserting prong into hole in indicator light panel, then engaging front and rear hooks onto indicator light panel. Be sure front and rear hooks are completely engaged.



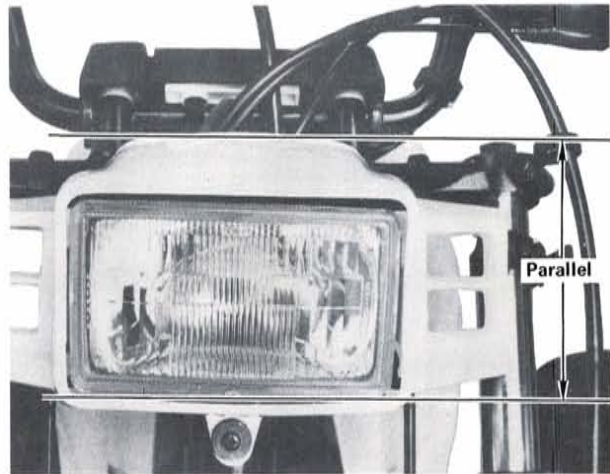
STEP 31—Connect headlight sub wire harness to headlight as shown.



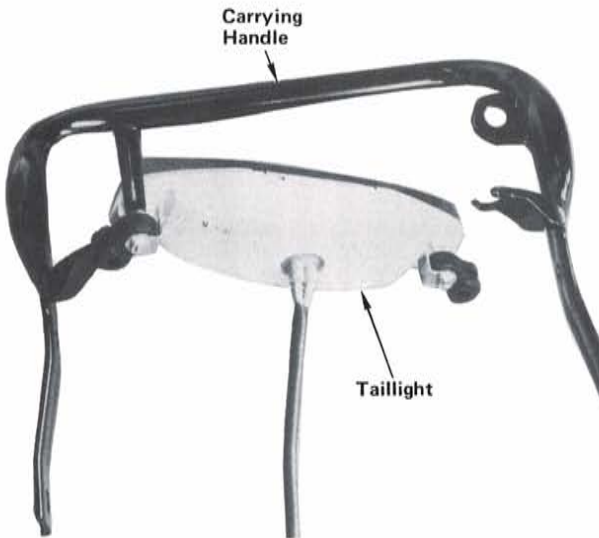
STEP 32—Open wire clamp holding connector cover and turn cover inside out as shown. Connect headlight wire harness connector to black connector and pull connector cover over connectors. Secure connector cover with wire clamp as shown.



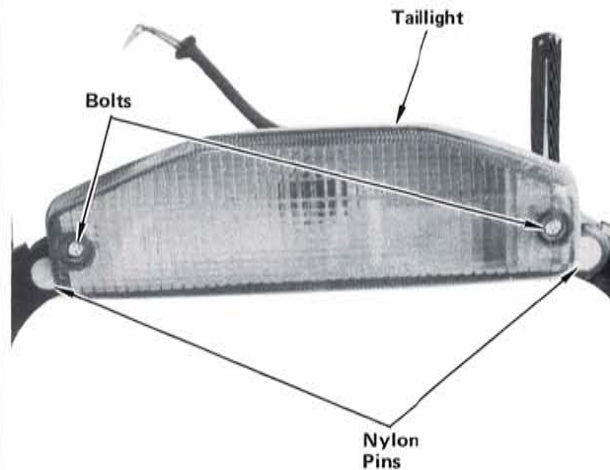
STEP 33—Install headlight case at bottom using a black 6 x 20 mm pan head screw. Tighten screw securely. Wrap headlight case retaining straps around fork legs as shown, and hook wire loops onto knobs on straps as shown.



STEP 34—Check that headlight is parallel to handlebar.

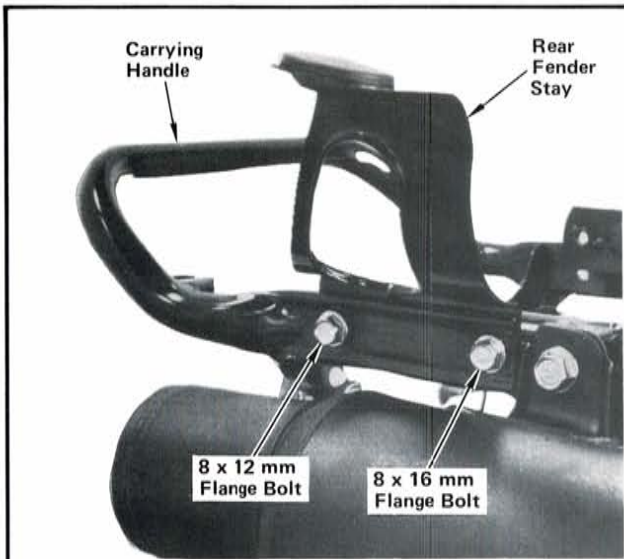


STEP 35—Position taillight on rear carrying handle as shown with curved side of taillight facing away from carrying handle as shown. Press rubber mounts into slots of brackets as shown.



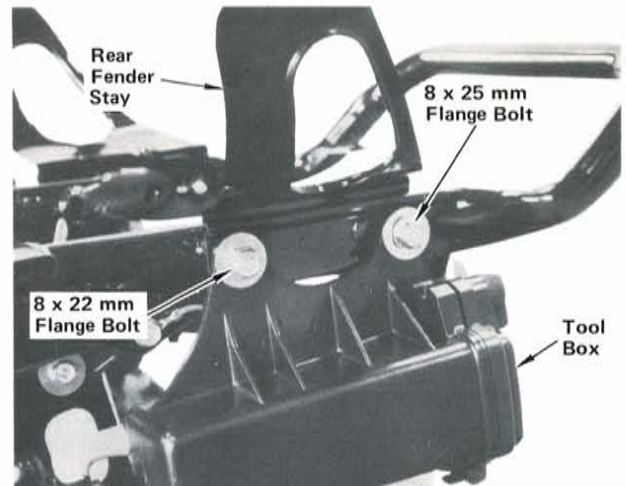
STEP 36—Install taillight by pressing two nylon pins into rubber mounts from taillight lens side as shown. Check torque of taillight mounting bolts.

Torque specification:
0.15 kg-m (1.1 lb-ft)



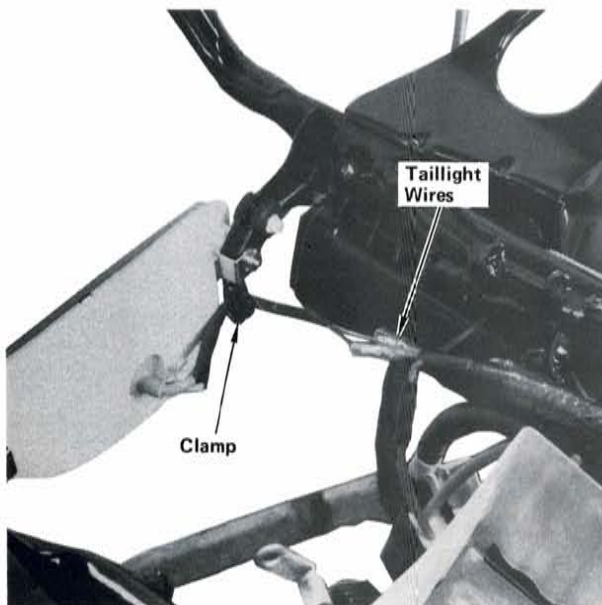
STEP 37—Sandwich right rear fender mount bracket between rear carrying handle and frame as shown. Install right side of carrying handle and bracket using an 8 x 16 mm flange bolt through forward hole, and an 8 x 12 mm flange bolt through rear hole. Do not tighten bolts at this time.

NOTE: Bracket will bend away from the frame.

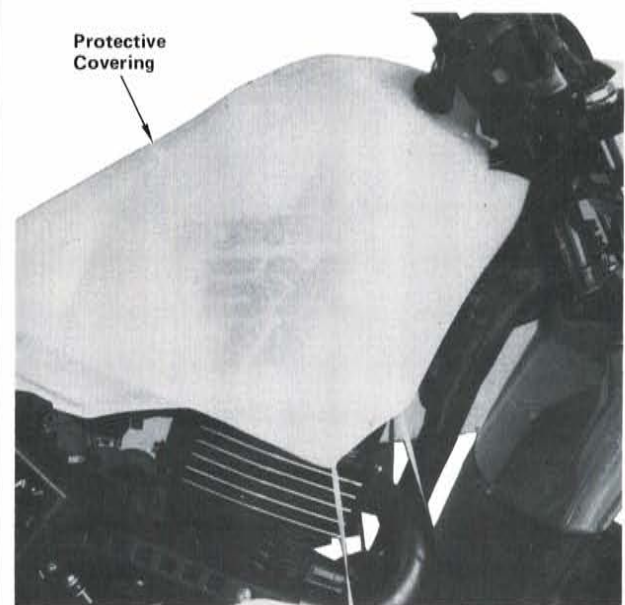


STEP 38—Sandwich left rear fender mount bracket between rear carrying handle and frame. Align holes in tool box with holes in carrying handle, bracket, and frame and install using an 8 x 22 mm flange bolt through forward hole, and an 8 x 25 mm flange bolt through rear hole. Tighten all four carrying handle bolts to specified torque.

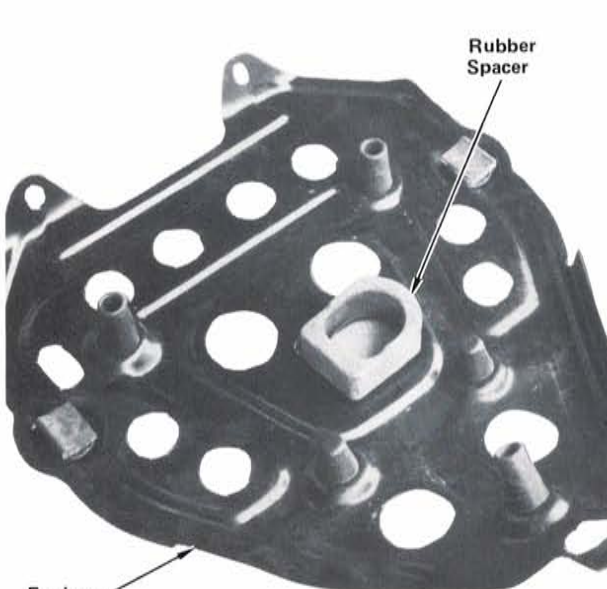
Torque specification:
2.1 kg-m (15 lb-ft)



STEP 39—Connect taillight wires to wire harness color-to-color and secure taillight wires using wire clamp.



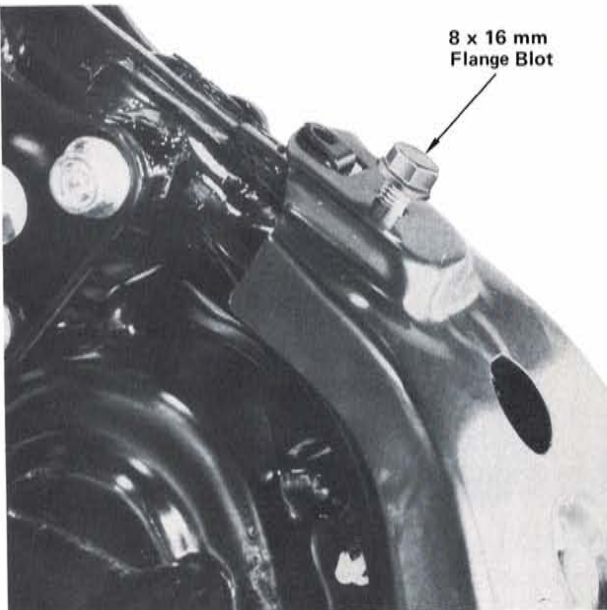
STEP 40—Remove protective covering from fuel tank.



Rubber Spacer

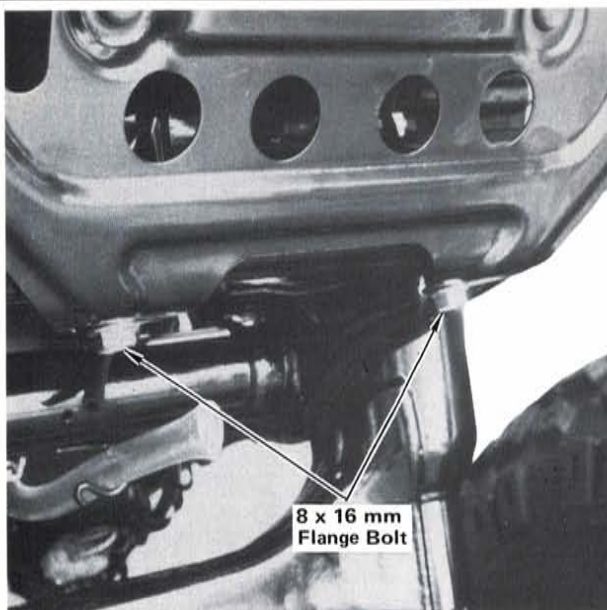
Engine Guard

STEP 41—Position rubber spacer over drain plug hole as shown.



8 x 16 mm Flange Bolt

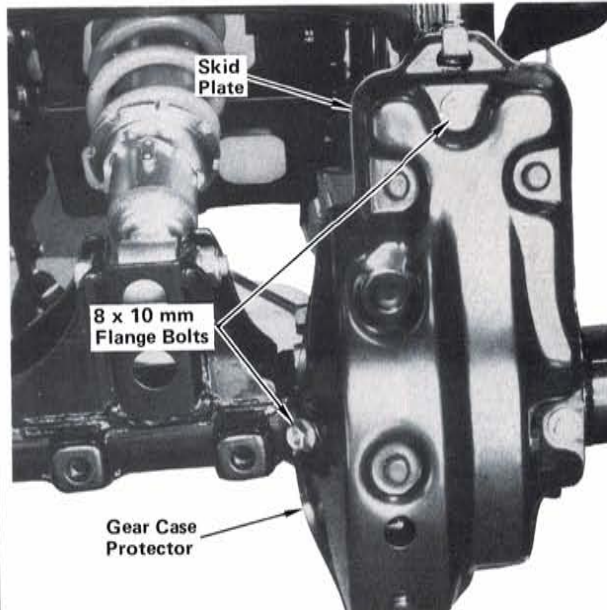
STEP 42—Insert tab on frame into slot in skid plate as shown. Attach front of skid plate to frame using an 8 x 16 mm flange bolt. Do not tighten bolt at this time.



8 x 16 mm Flange Bolt

STEP 43—Attach rear of skid plate to frame using two 8 x 16 mm flange bolts. Tighten all three skid plate bolts to specified torque.

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



Skid Plate

8 x 10 mm Flange Bolts

Gear Case Protector

STEP 44—Hook tab on final drive gear case into slot in gear case protector and install using three 8 x 10 mm flange bolts as shown. Tighten bolts to specified torque.

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

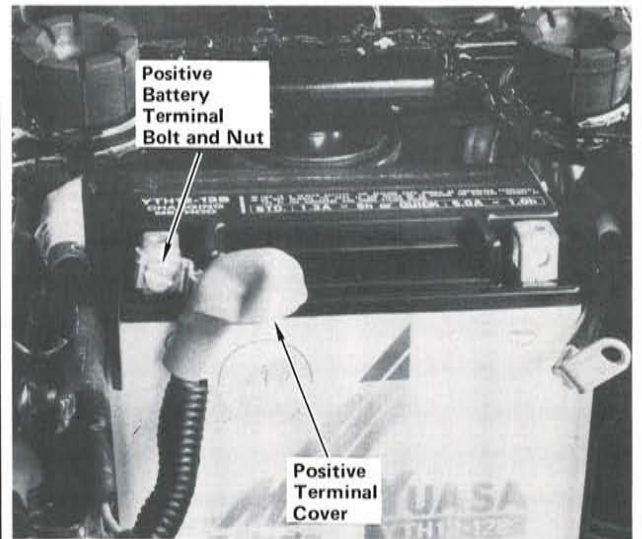


STEP 45—Service battery as described on battery preparation label on battery electrolyte container.

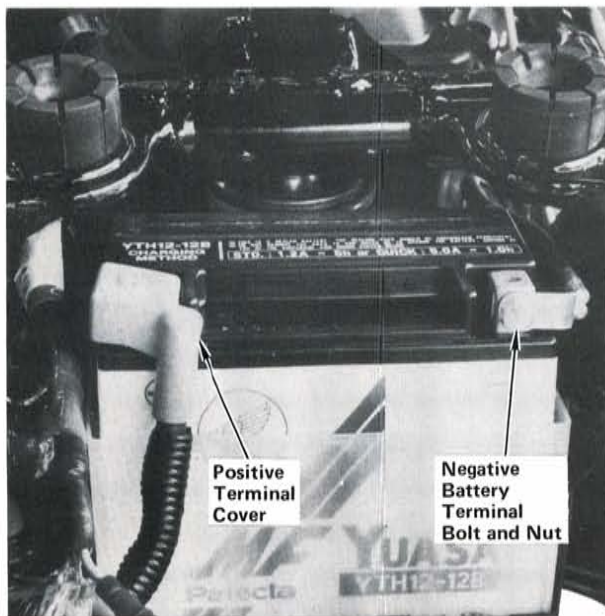
WARNING Battery electrolyte contains sulfuric acid. Avoid contact with skin, eyes, or clothing. Antidote: Flush with water and get prompt medical attention.

CAUTION:

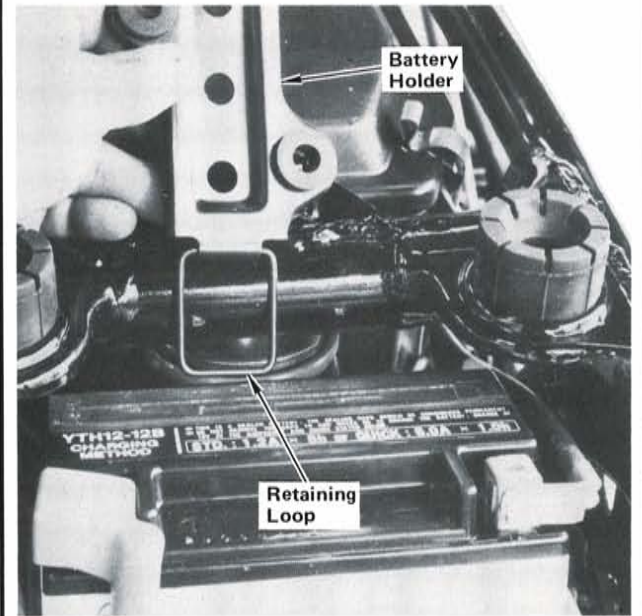
- Remove battery from vehicle whenever filling it with battery electrolyte.
- Do not use battery liquids other than that furnished with battery.
- After filling battery, check that there is no electrolyte left in the container.
- Dispose of container properly.



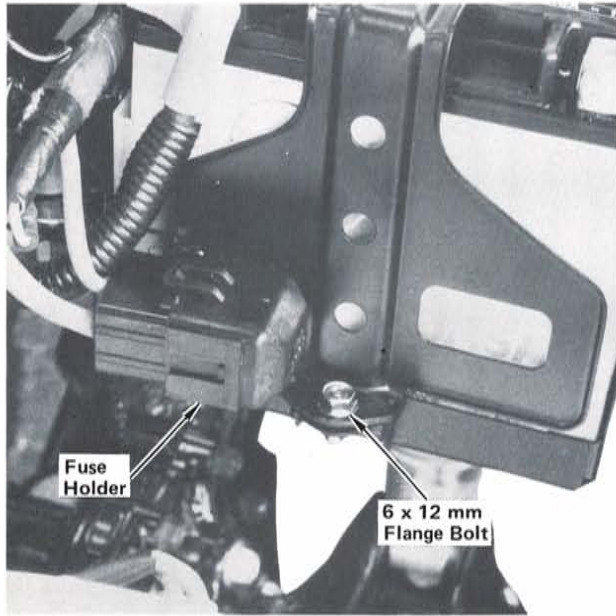
STEP 46—Check that ignition switch is off. Place battery in battery cover and slide into battery compartment with terminals facing the rear. Connect positive battery cable (cable with terminal cover) to battery positive (+) terminal using a battery terminal bolt and nut as shown. Tighten bolt securely and coat terminal with clean grease.



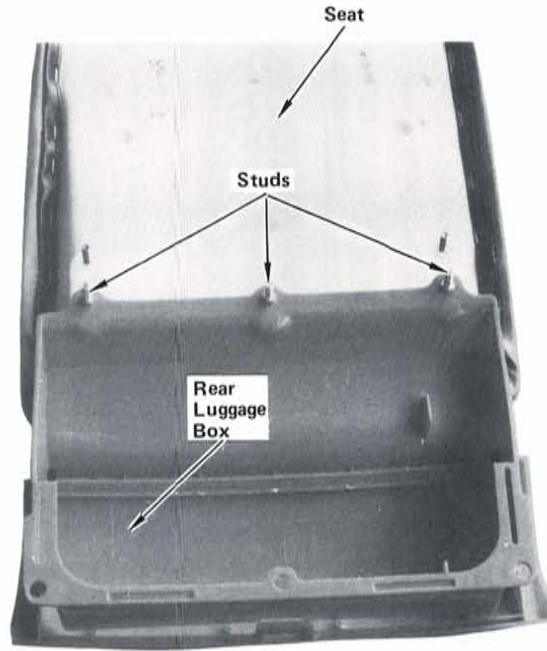
STEP 47—Slip terminal cover over positive terminal. Connect ground cable to battery negative (-) terminal using a battery terminal bolt and nut as shown. Tighten bolt securely and coat terminal with clean grease.



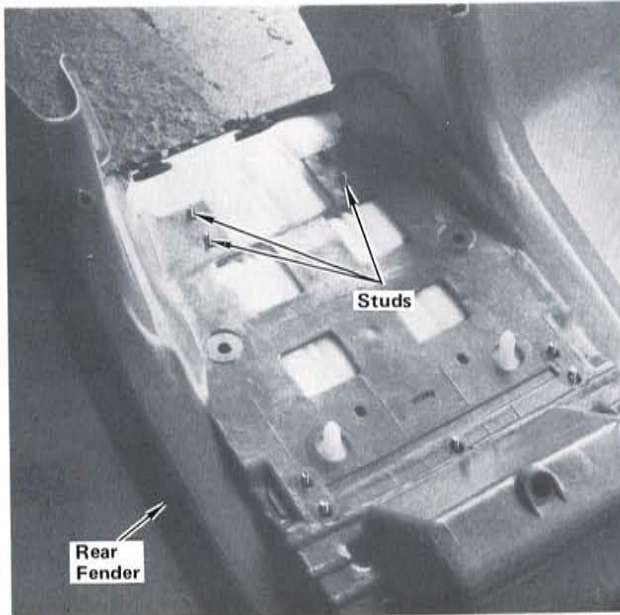
STEP 48—Hook retaining loop of battery holder onto tab on forward side of battery compartment.



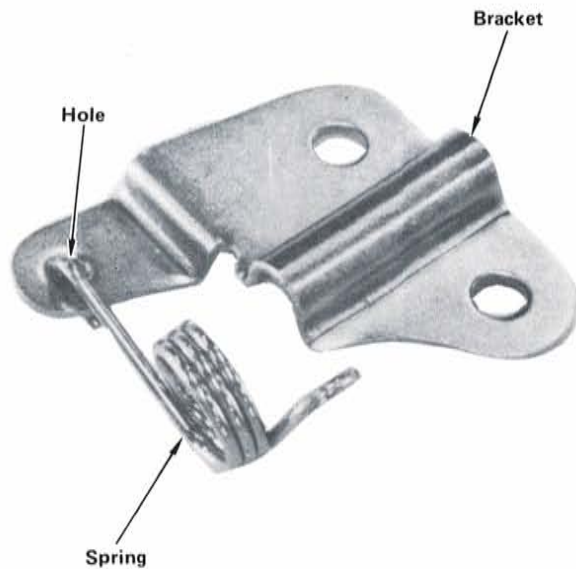
STEP 49—Install battery holder using a 6 x 12 mm flange bolt. Tighten bolt securely. Slip slot of fuse holder over tab on battery holder as shown.



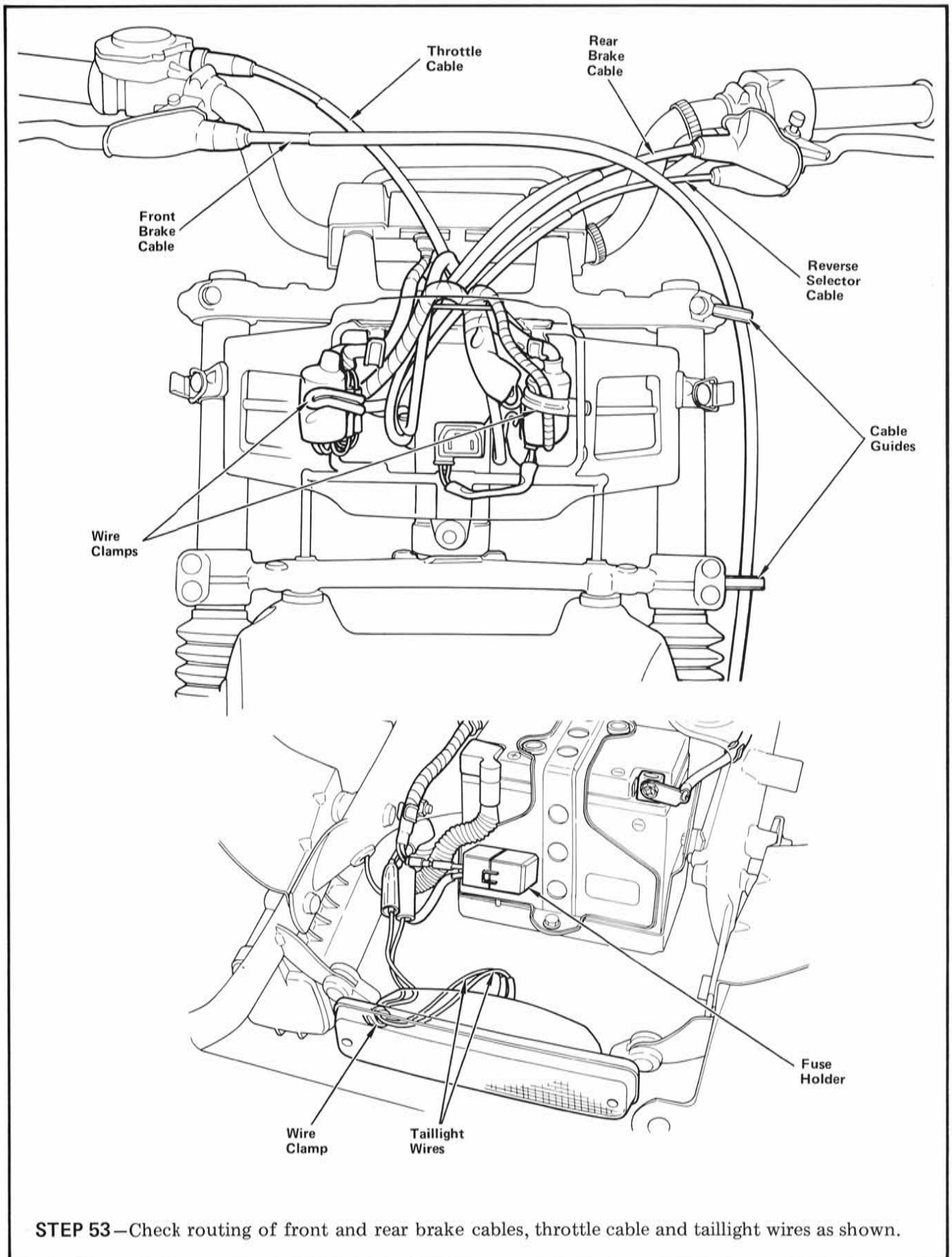
STEP 50—Position rear luggage box on the three studs at the rear of the seat as shown.



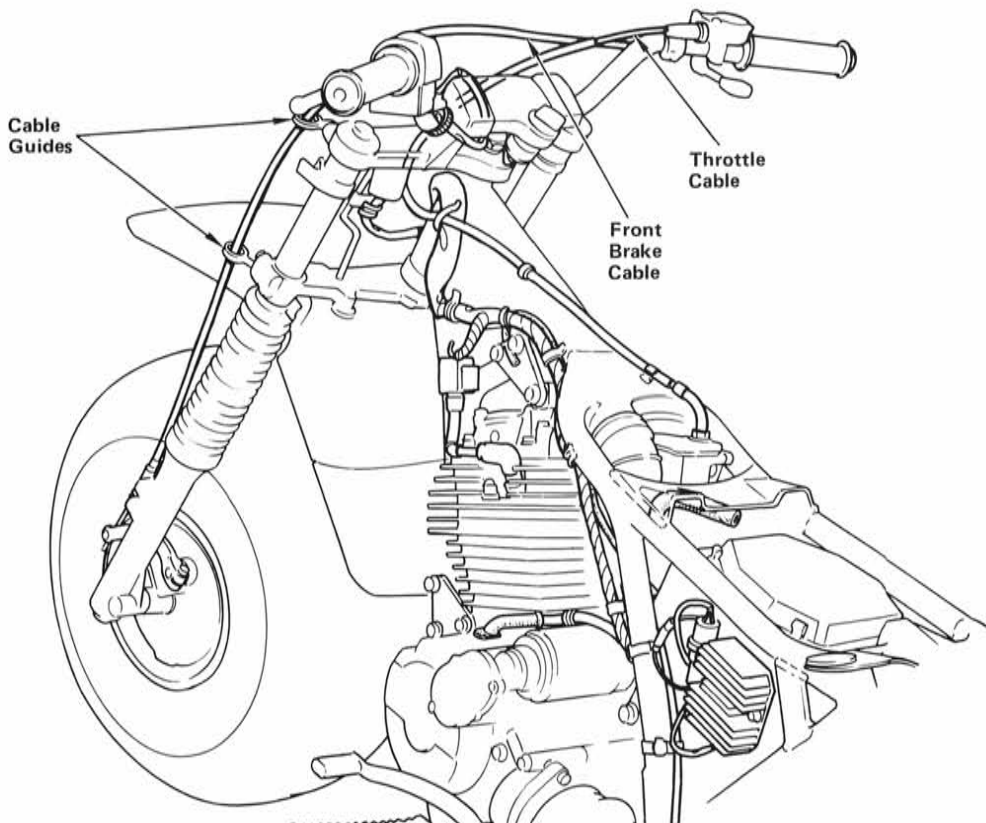
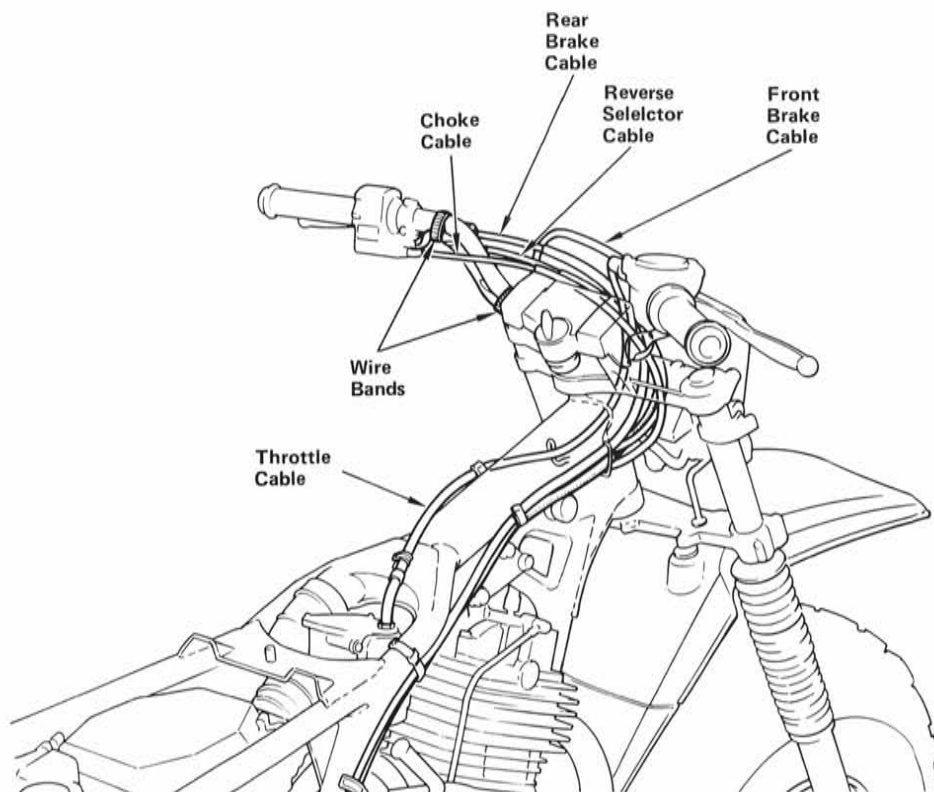
STEP 51—Position rear fender on the studs on the bottom of the seat as shown.



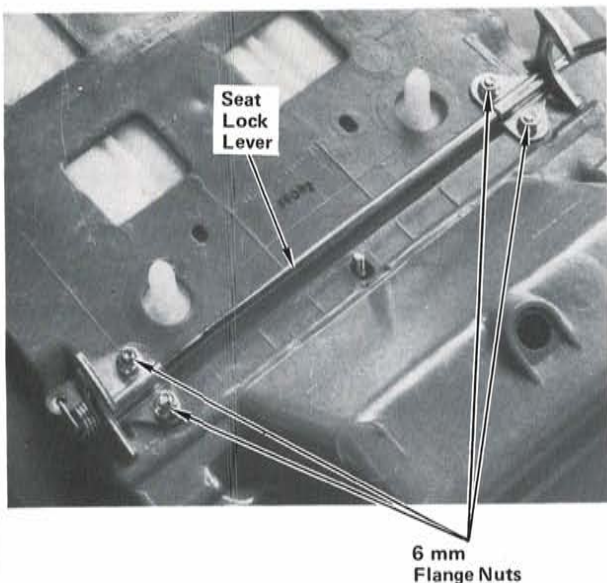
STEP 52—Insert long end of seat lock lever spring in outer hole of seat lock lever bracket as shown.



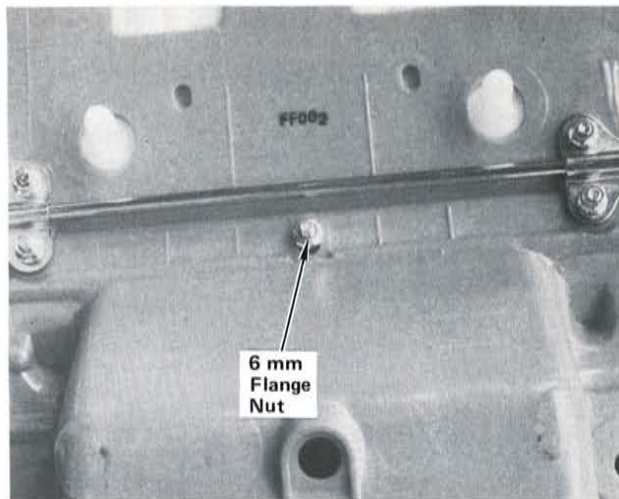
STEP 53—Check routing of front and rear brake cables, throttle cable and taillight wires as shown.



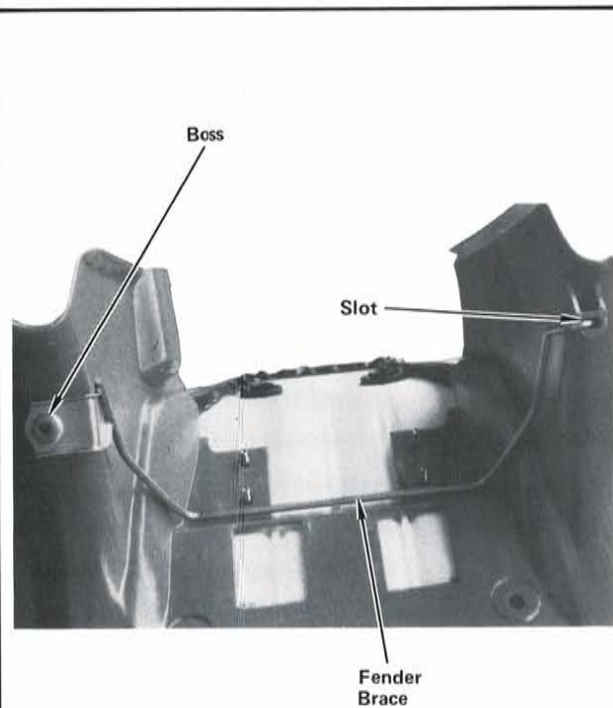
STEP 53—(Continued)



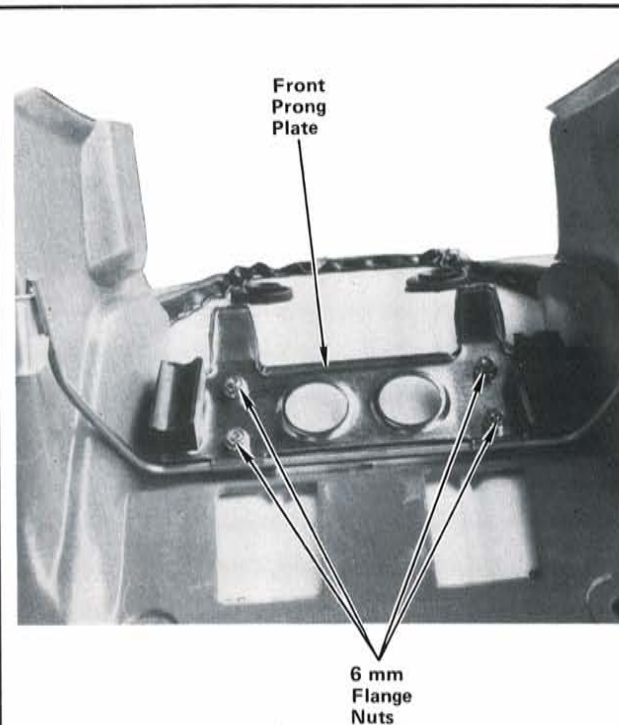
STEP 54—Position seat lock lever on bottom of rear fender as shown, with lock lever handle on left side. Install lock lever bracket with spring on right side and bracket without spring on left side, using two 6 mm flange nuts for each. Tighten nuts securely. Hook short end of spring onto seat hook as shown.



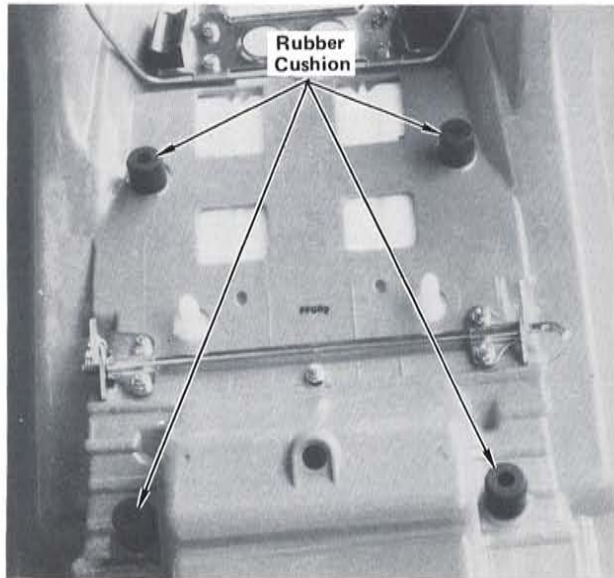
STEP 55—Install seat using a 6 mm flange nut.



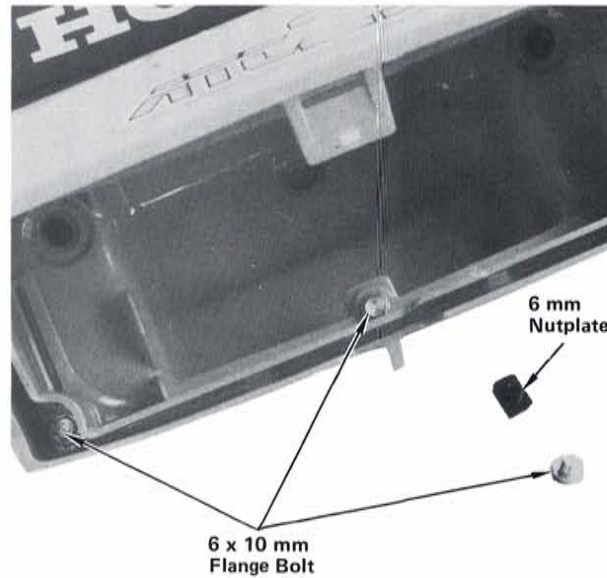
STEP 56—Insert left end of fender brace into slot in rear fender as shown, and place right end of fender brace over boss on fender as shown.



STEP 57—Position seat front prong plate over fender brace and studs as shown and install using four 6 mm flange nuts. Tighten nut securely.

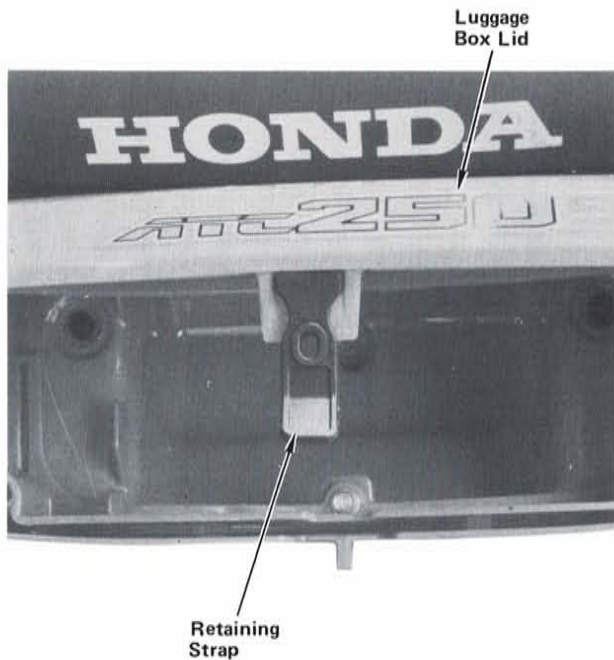


STEP 58—Press four rubber cushions into indicated holes in rear fender. Be sure ends of cushions are properly inserted all the way.

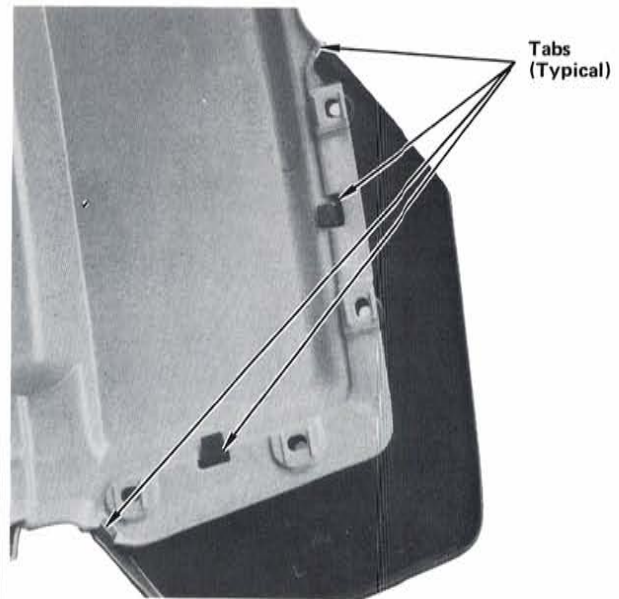


STEP 59—Attach rear of luggage box to fender using three 6 x 10 mm flange bolts inserted from the top, and three nutplates under the fender. Tighten bolts to specified torque.

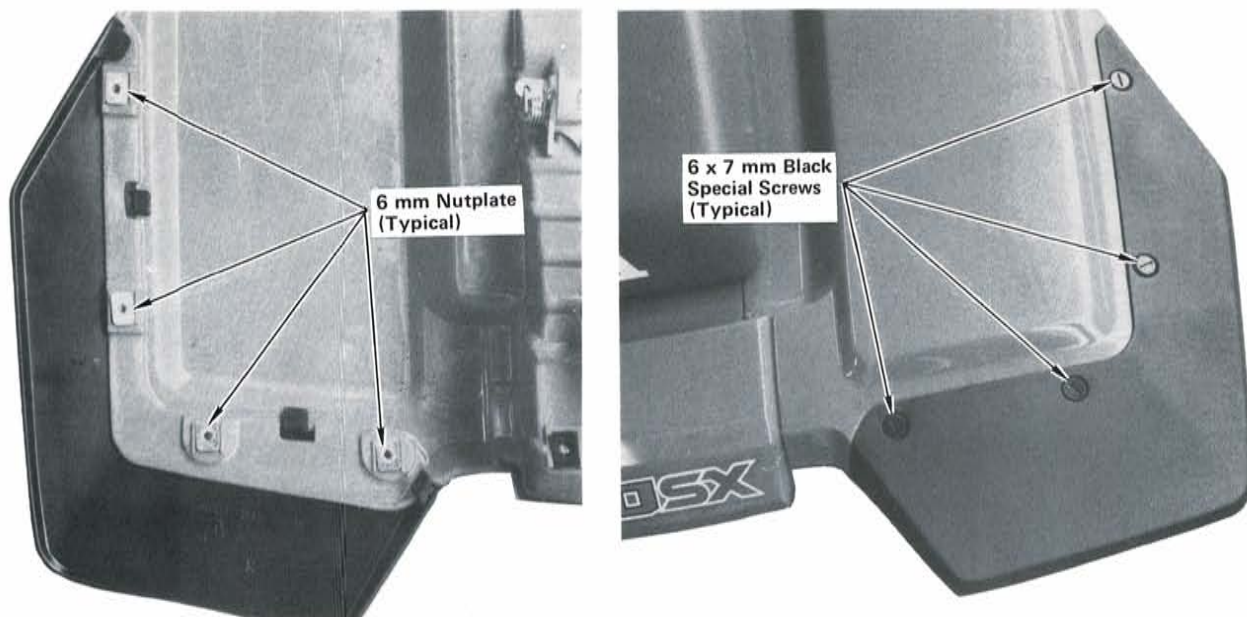
Torque specification:
1.0 kg-m (8 lb-ft)



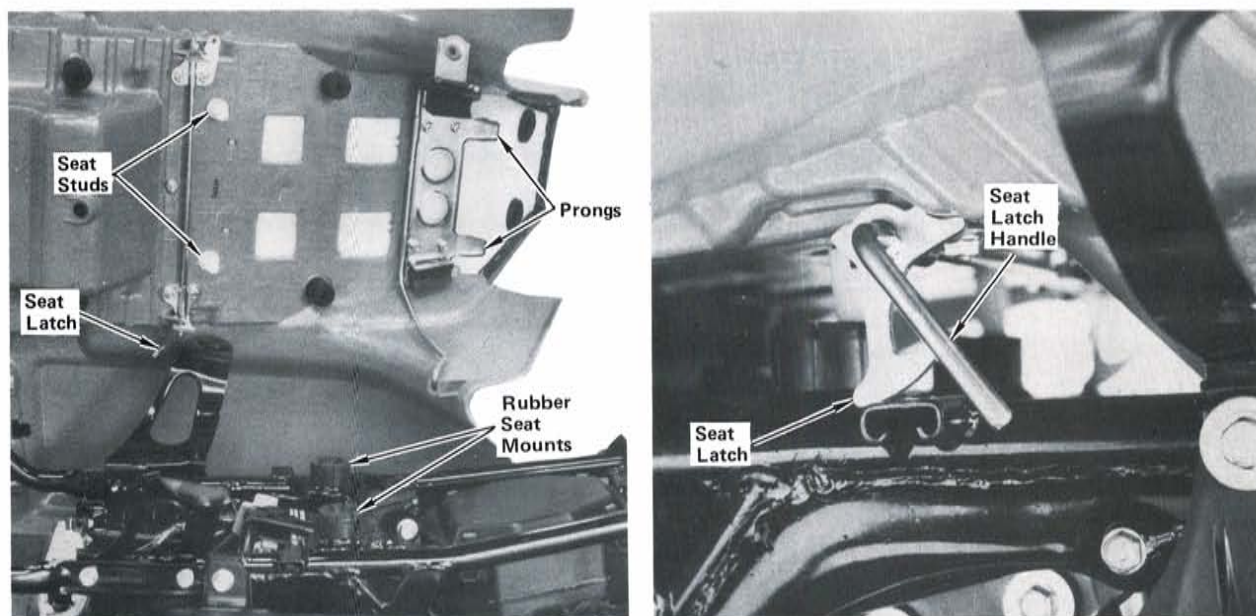
STEP 60—Press end of retaining strap into slot in lid of rear luggage box.



STEP 61—Insert tabs of rear mud flaps down through slots in right and left rear fenders as shown.

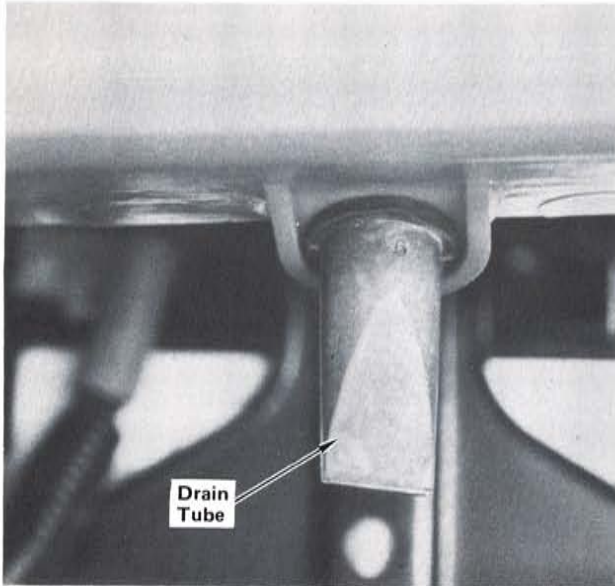


STEP 62—Align holes and install rear mud flaps using four 6 x 7 mm black special screws and nutplates for each as shown. Tighten screws securely.

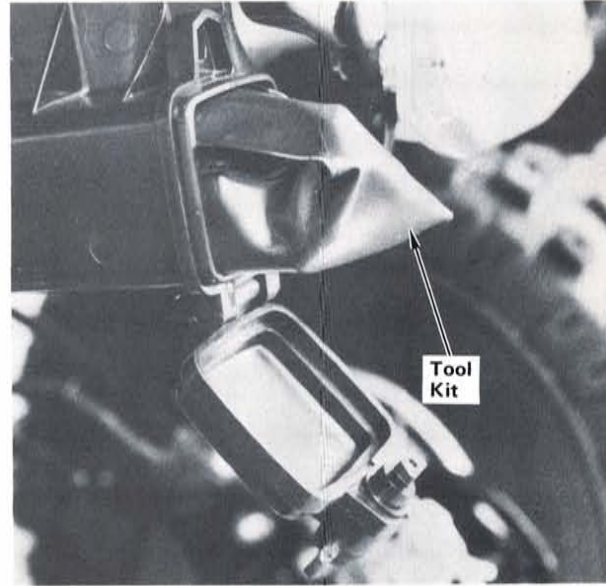


STEP 63—Pull kick starter out of the way. Install and latch seat by inserting front prongs into recesses behind fuel tank and inserting seat studs into rubber seat mounts in frame. Press down on rear of seat to engage seat latches.

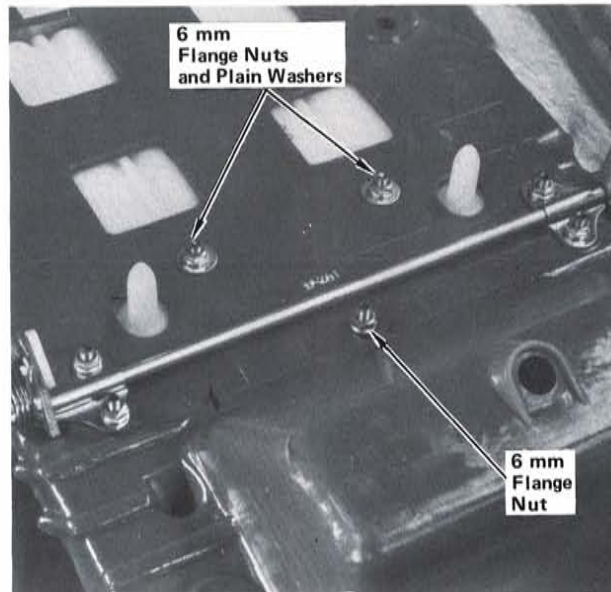
CAUTION: To prevent damage to rear fender, be sure seat is pushed forward all the way so seat latches will engage smoothly when pressing down on rear of seat.



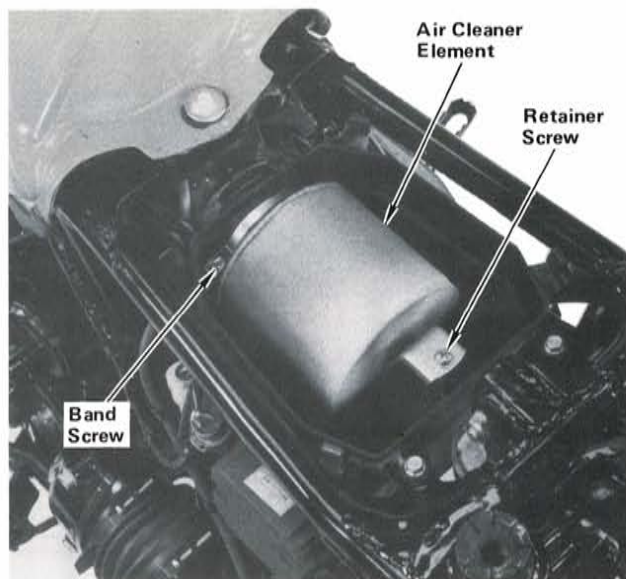
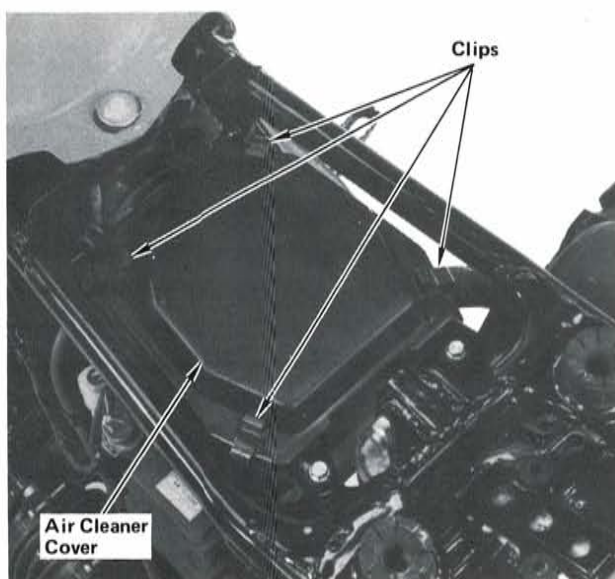
STEP 64—Insert drain tube into hole in bottom of rear luggage box.



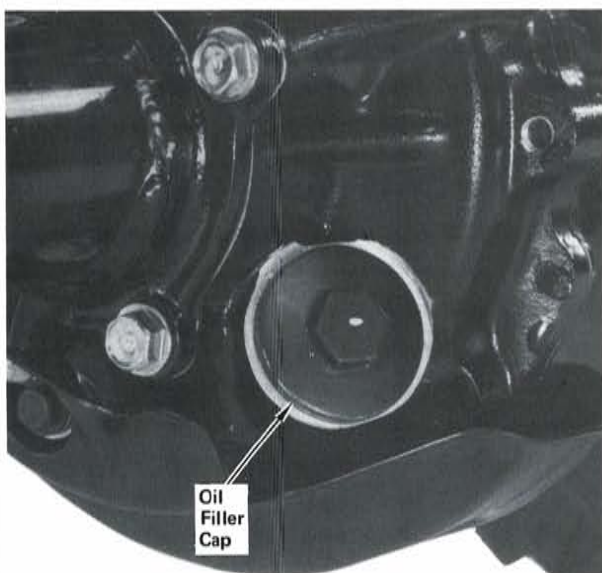
STEP 65—Open tool box cover and insert tool kit. Close and lock tool box cover.



STEP 66—Install seat on each side of lock lever using two 6 mm flange nuts and plain washers on forward studs, and a 6 mm flange nut on the rear stud as shown. Tighten nuts securely.

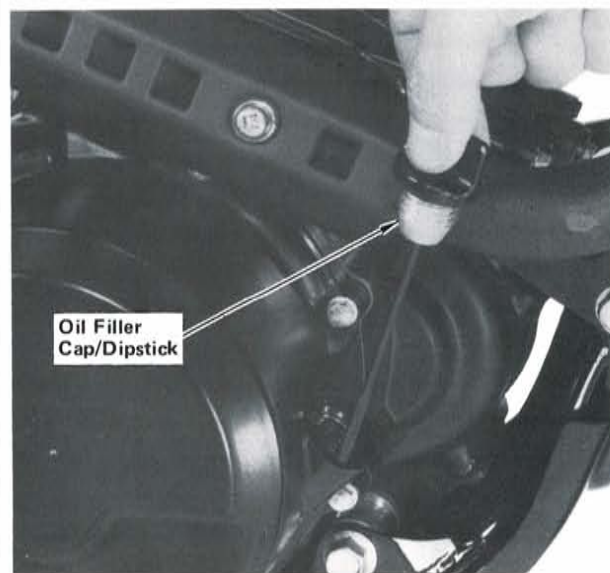


STEP 67—Release four clips attaching air cleaner cover and remove cover. Loosen band screw and remove retainer screw. Remove air cleaner element. Check condition of element. If necessary, clean and oil element as described in owner's manual or shop manual. Reinstall element. Tighten retainer screw and band screw securely. Reinstall cover. Make sure clips are secure.

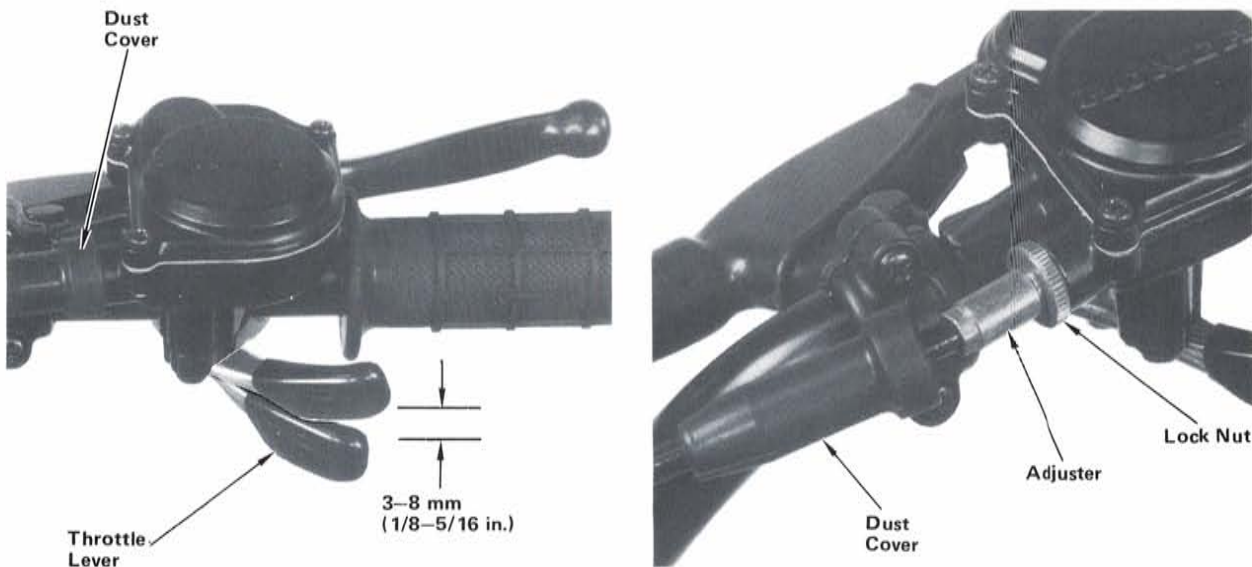


STEP 68—Remove oil filler cap from final drive gear case. Check that oil level is even with lower edge of oil filler hole. If necessary, add recommended oil. Reinstall and tighten oil filler cap.

Recommended oil:
Hypoid Gear Oil SAE 80



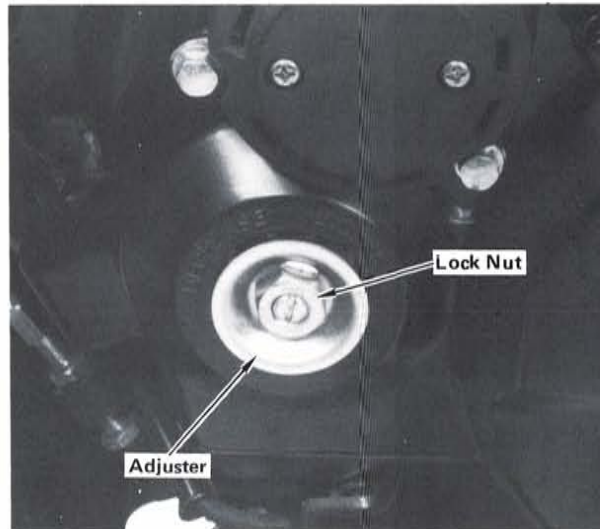
STEP 69—Remove oil filler cap/dipstick and fill crankcase with recommended oil as described in owner's manual. Reinstall and tighten oil filler cap/dipstick.



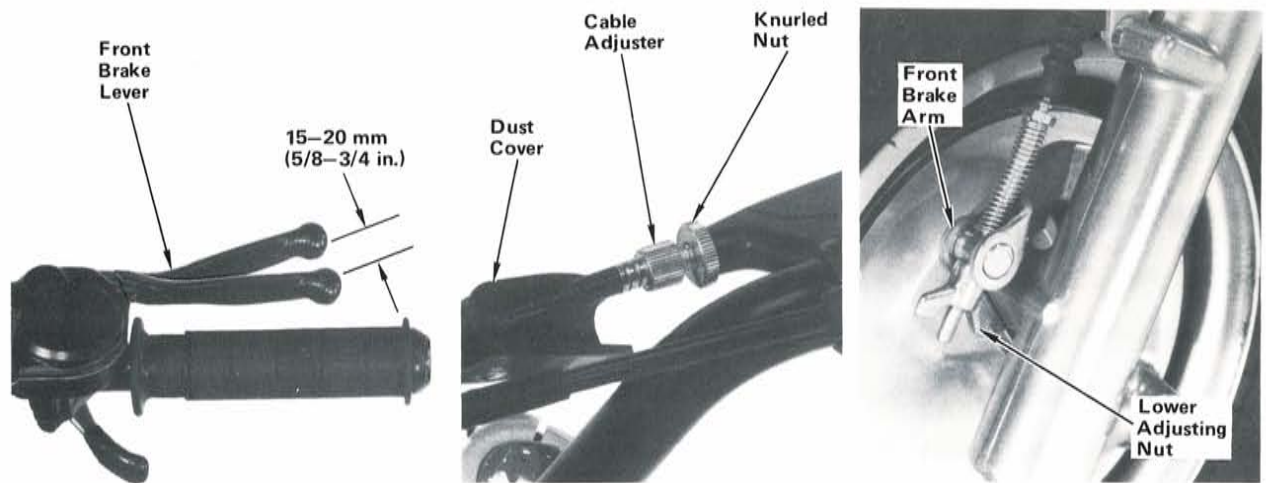
STEP 70—Check throttle cable for condition. Check that throttle lever free play is within 3–8 mm (1/8–5/16 in.) at tip of throttle lever. Check for smooth operation of throttle lever from fully closed to fully open in all steering positions and that throttle lever automatically returns from fully open to fully closed when released. If necessary to adjust free play, slide dust cover back to expose adjuster. Loosen lock nut and turn adjuster to obtain correct free play. After adjustment, tighten lock nut and reinstall dust cover.



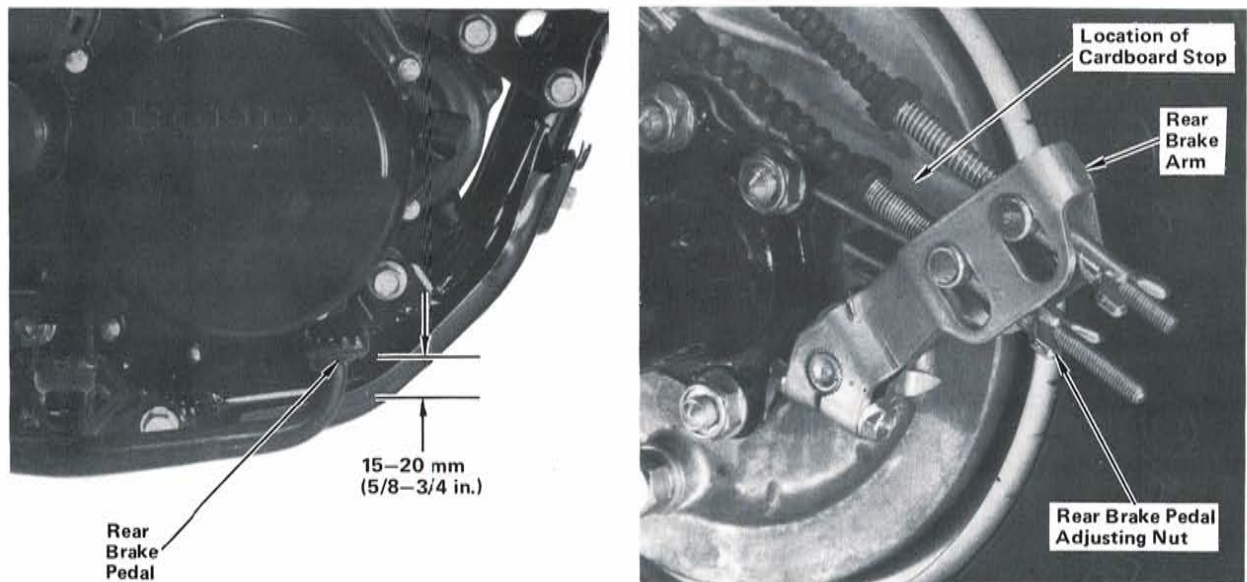
STEP 71—Connect a tachometer and check transmission in neutral. Start engine and allow it to warm up to operating temperature and check idle speed at 1,400 ± 100 rpm. If necessary, adjust idle speed using throttle stop screw. Remove tachometer.



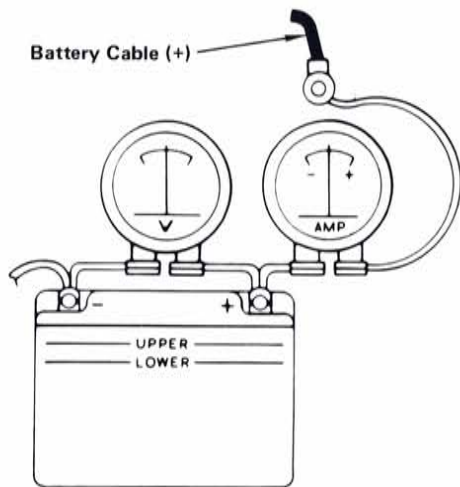
STEP 72—Check clutch operation. If adjustment is necessary, use the following procedure. Remove rubber cap over adjuster. Loosen lock nut and turn clutch adjuster counterclockwise until resistance is felt, then turn clutch adjuster 1/8–1/4 turn clockwise and tighten lock nut. Re-check clutch operation. Reinstall rubber cap.



STEP 73—Raise front wheel off ground using a support block under engine. Spin front wheel by hand and measure free play of front brake lever before brake starts to engage. Free play, measured at tip of brake lever should be between 15 and 20 mm (5/8-3/4 in.). Use lower adjusting nut to make large adjustments. Small adjustments are made at front brake lever by sliding back dust cover, loosening knurled nut, and turning cable adjuster. After adjustment, tighten knurled nut and reinstall dust cover. Remove support block under engine.



STEP 74—Raise rear wheels off ground using a support block under vehicle. Remove cardboard stop in front of rear brake arm. Rotate rear wheels by hand and measure free play before brake starts to engage. Free play, measured at tip of brake pedal, should be maintained between 15 and 20 mm (5/8-3/4 in.). To adjust free play, turn adjusting nut. Turning adjusting nut clockwise will decrease free play.



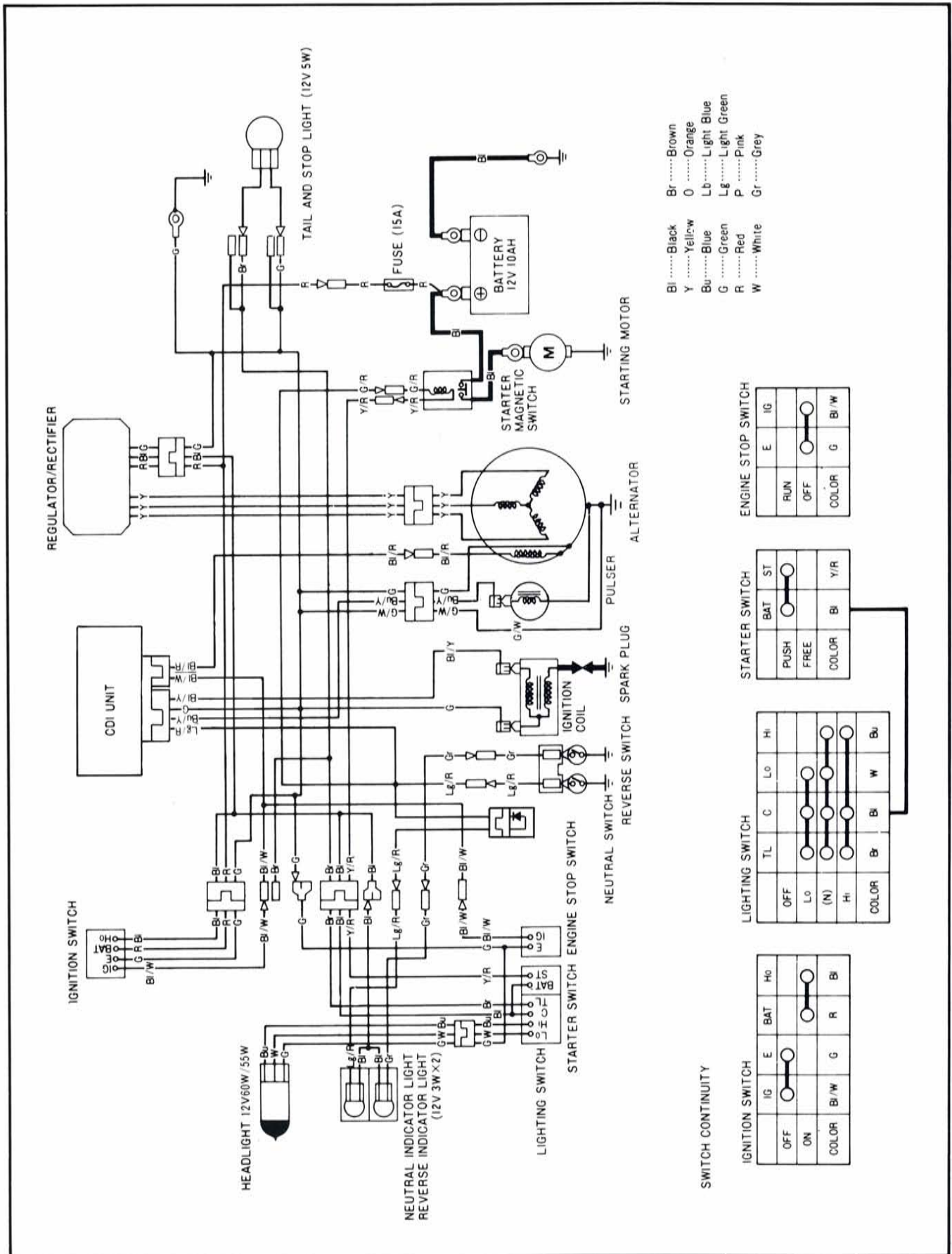
STEP 75—Check battery charging system (volts and amperes) at battery, as described on shop manual.

CAUTION

REMOVE BATTERY AND MAINTAIN IN FULLY CHARGED CONDITION UNLESS VEHICLE 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 |
|--|-------|-----------------------|
| Handlebar upper holder bolts | ----- | 2.4 kg-m (18 lb-ft) |
| Front fork bolts | 8 mm | 3.2 kg-m (23 lb-ft) |
| Front axle | ----- | 9.0 kg-m (65 lb-ft) |
| Axle holder nuts | ----- | 1.2 kg-m (9 lb-ft) |
| Rear wheel hub nuts | 10 mm | 5.5 kg-m (40 lb-ft) |
| Front fender bolts | 6 mm | 1.0 kg-m (8 lb-ft) |
| Headlight nuts | 6 mm | 1.2 kg-m (9 lb-ft) |
| Taillight nuts | ----- | 0.15 kg-m (1.1 lb-ft) |
| Carrying handle bolts | 8 mm | 2.1 kg-m (15 lb-ft) |
| Skid plate and gear case protector bolts | 8 mm | 2.7 kg-m (19 lb-ft) |
| Luggage box bolts | 6 mm | 1.0 kg-m (8 lb-ft) |
| Fuel filter cup | ----- | 0.4 kg-m (3 lb-ft) |



ENGINE STOP SWITCH

| | |
|-------|--------|
| E | IG |
| RUN | |
| OFF | |
| COLOR | G Bi/W |

STARTER SWITCH

| | |
|-------|--------|
| BAT | ST |
| PUSH | |
| FREE | |
| COLOR | Bi Y/R |

LIGHTING SWITCH

| | | | |
|-------|----|----|------|
| TL | C | Lo | Hi |
| OFF | | | |
| Lo | | | |
| (N) | | | |
| Hi | | | |
| COLOR | Br | B | W Bu |

IGNITION SWITCH

| | | | |
|-------|------|-----|------|
| IG | E | BAT | HO |
| OFF | | | |
| ON | | | |
| COLOR | Bi/W | G | R Bi |

NOTE: Check all items 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

- Adjust front and rear brakes, check cable routing and check operation.
- Fill crankcase with recommended oil.
- Inspect fuel tank, drain, and flush. Clean fuel filter. Fill tank, turn on petcock and check for leaks. Check flow through fuel filter.
- Drain residual fuel from carburetor.
- Check air cleaner element. Clean and oil if necessary.
- Fill final drive case with recommended oil.
- Adjust idle speed.
- Check throttle lever free play, cable routing, and operation in all steering positions.
- Check tire pressure.
- Inspect electrical components for proper operation and adjustment.
 - Headlight switch.
 - Headlight: Adjust high beam aim.
 - Neutral and reverse indicator lights.
 - Taillight.
 - Engine stop switch.
 - Starter.
 - Battery charging system.
- Check security of all nuts, bolts, and other fasteners.
- Check to ensure that all applicable recall and product update campaigns are complied with.
- TEST RIDE:** Check performance, handling, and operation.
 - Transmission, high-low-reverse gear range selector, and clutch: Ease of shifting, clutch operations, etc.
 - Acceleration: Smoothness, etc.
 - Cruising: Smoothness, etc.
 - Handling: Stability and cornering.
 - Brakes: Smoothness and stopping power.
 - Idling: Smoothness, throttle response, return to idle.
 - Recheck idle speed after 10 minutes of stop and go driving.
 - Upon completion of test ride, check for fuel and oil leaks.

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READ THIS READ THIS READ THIS

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