Set-up Instructions

MPD 7660-7820 8408

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

1985 Model ATC 200M

WARNING **WARNING** **WARNING** **WARNING**

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: The black vertical bars near the edge of the pages as shown here, indicate changes. Read carefully.

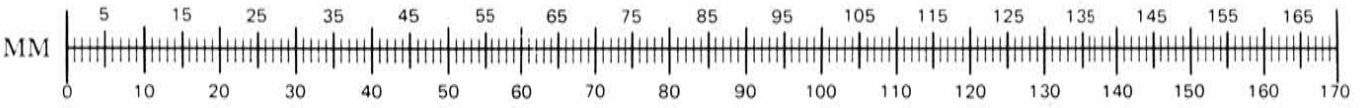
NEW

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

SET-UP INSTRUCTION
REVISED PAGES

Pages Affected	Orig. Issue Date	Rev. Date
1 through 27	7/84	Original
NEW 1, 2, and 13	7/84	8/84

Remove and destroy superseded pages.



METRIC SCALE FOR DETERMINING BOLT LENGTHS/DIAMETERS

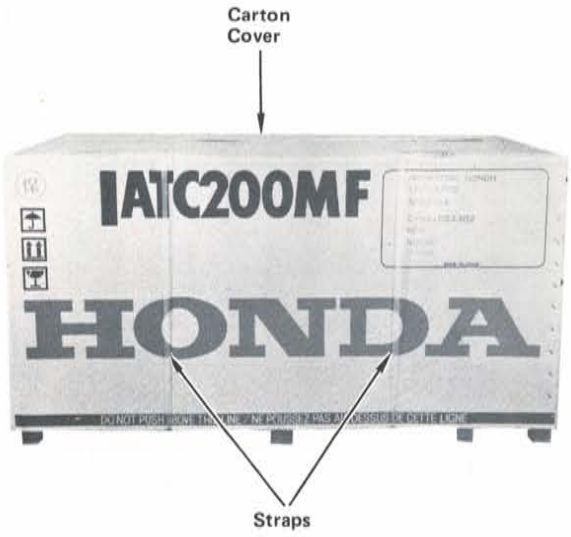
Pay special attention to warnings, cautions, and notes.

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

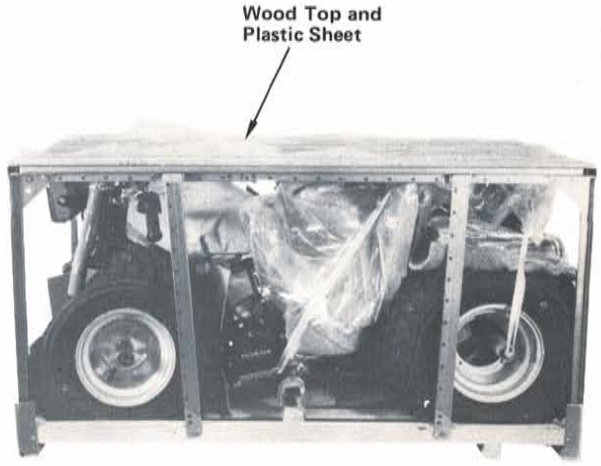
CAUTION: means hazards or unsafe practices which could cause minor personal injury or product or property damage.

NOTE: gives helpful information.

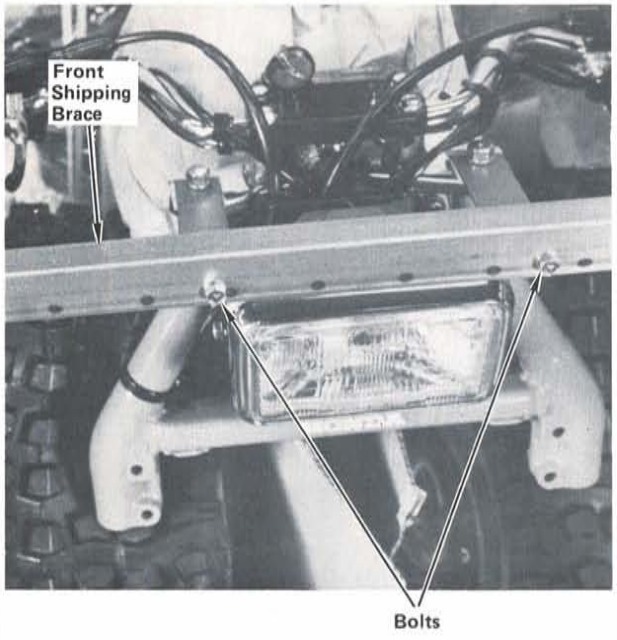
This page supersedes page 2 dated 7/84. Remove and destroy superseded page. Rev. 8/84



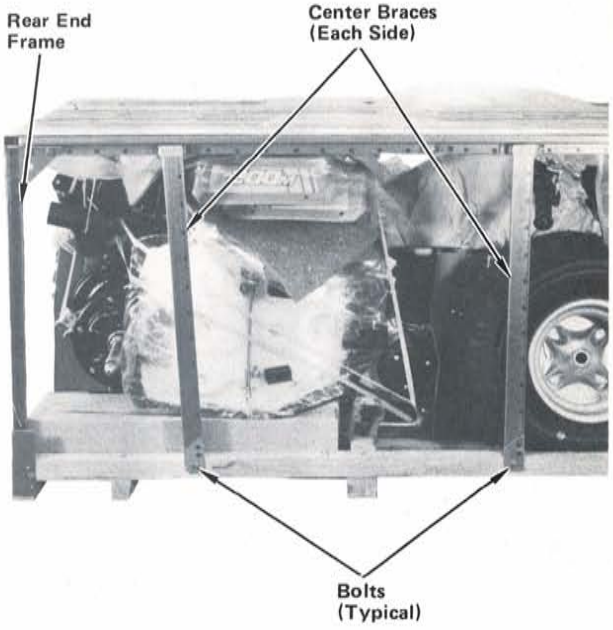
STEP 1—Cut straps and remove carton cover by lifting it up.



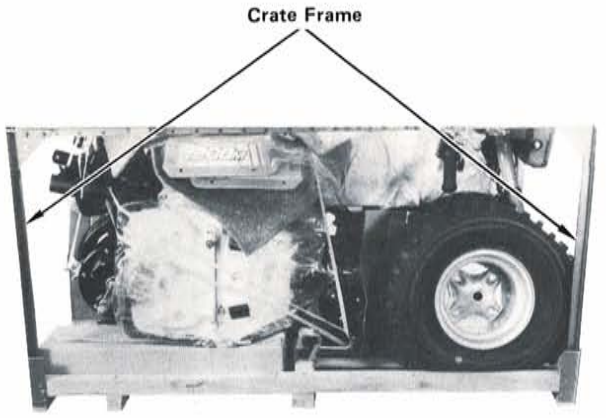
STEP 2—Remove crate wood top and plastic sheet.



STEP 3—Remove bolts attaching crate front end frame to crate base and to front shipping brace. Discard bolts.

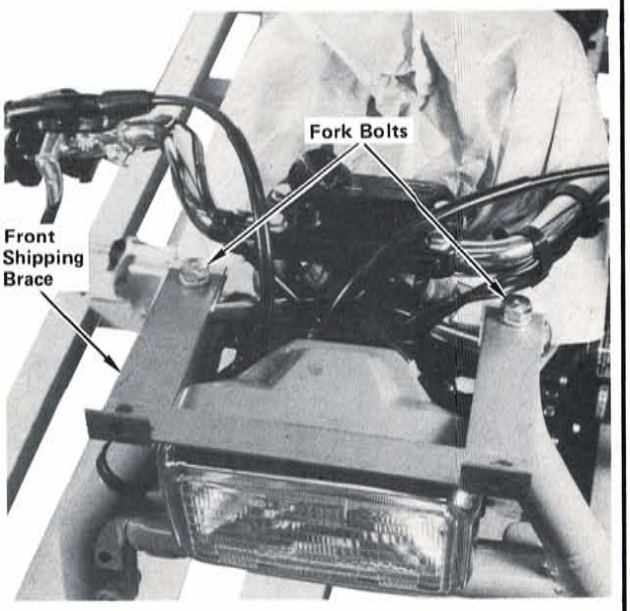


STEP 4—Remove bolts attaching crate rear end frame to crate base. Discard bolts. Remove bolts attaching center braces to crate base on each side. Discard bolts and braces.



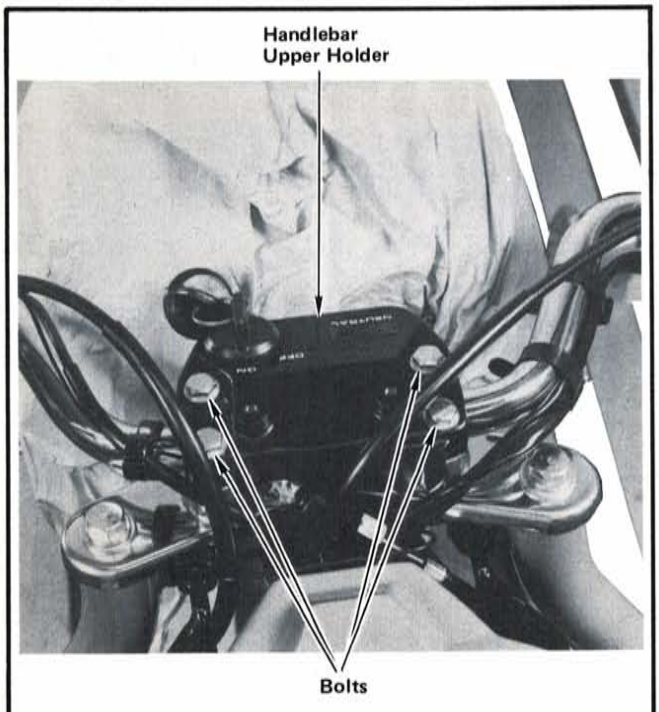
STEP 5—Carefully lift off crate frame using two people.

CAUTION: Use extreme care not to damage vehicle with crate frame.

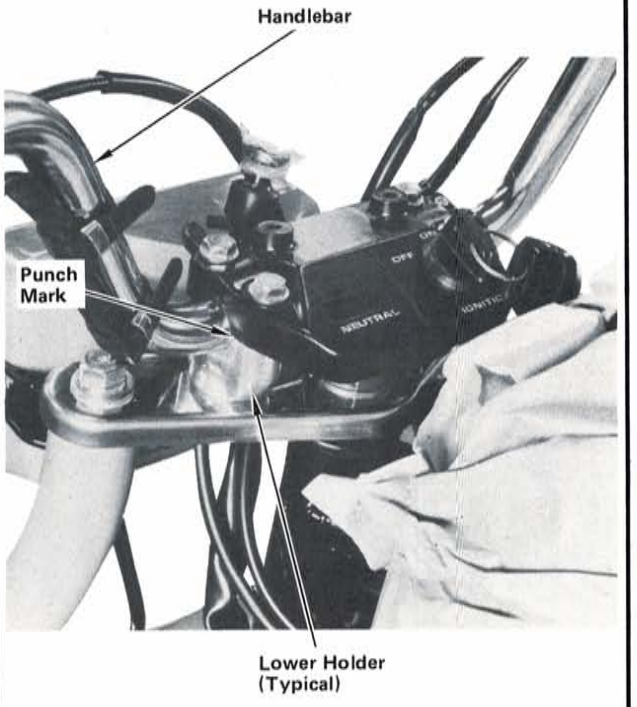


STEP 6—Loosen fork bolts and remove front shipping brace. Retighten fork bolts to specified torque.

Torque specification:
6.0 kg-m (44 lb-ft)



STEP 7—Loosen four bolts attaching handlebar upper holder.



STEP 8—Raise handlebar grips until punch mark on handlebar is aligned with top of lower holder and serrations are aligned with lower holders.

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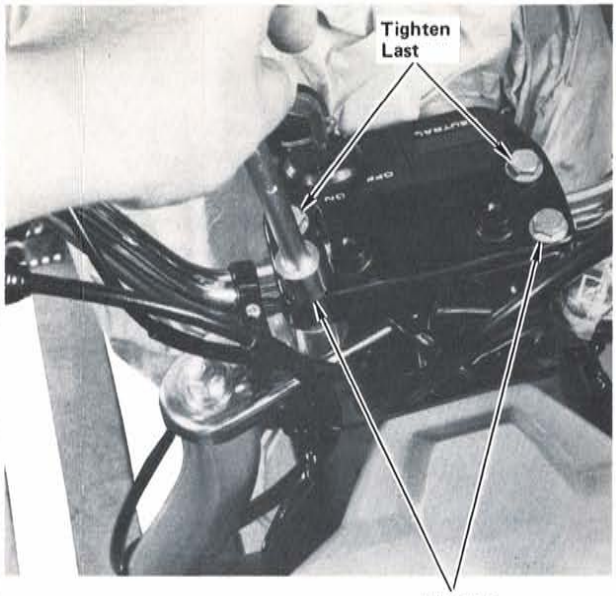
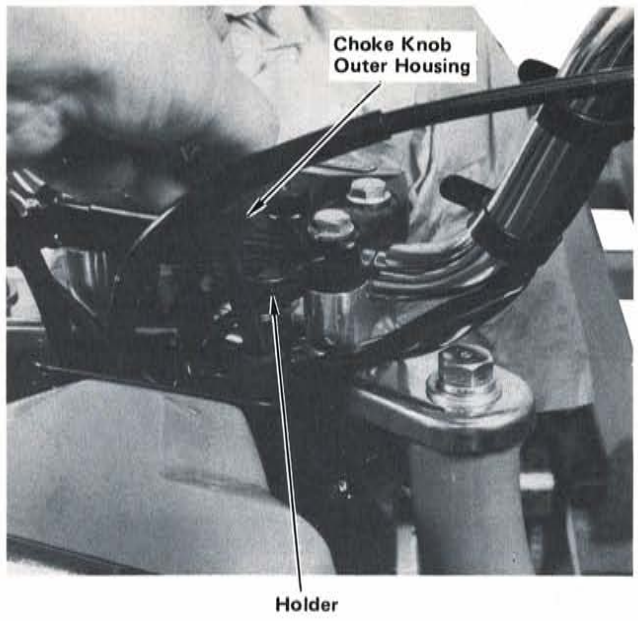
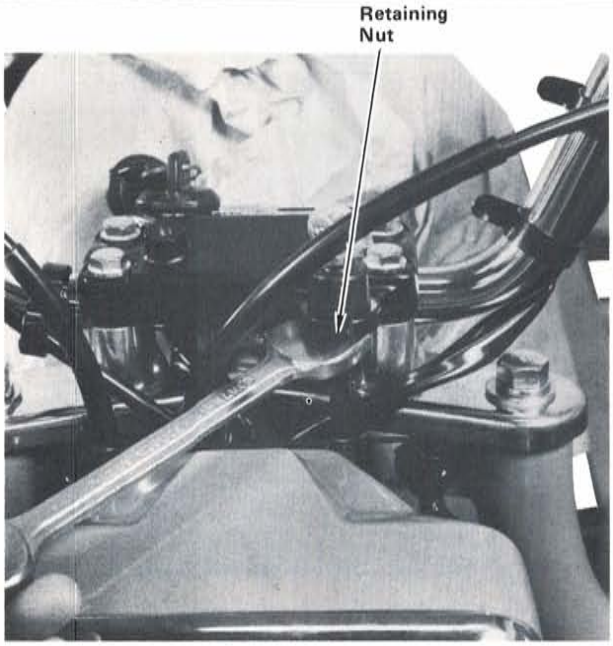


STEP 9—Tighten handlebar holder forward bolts to specified torque first, then tighten rear bolts to same torque.

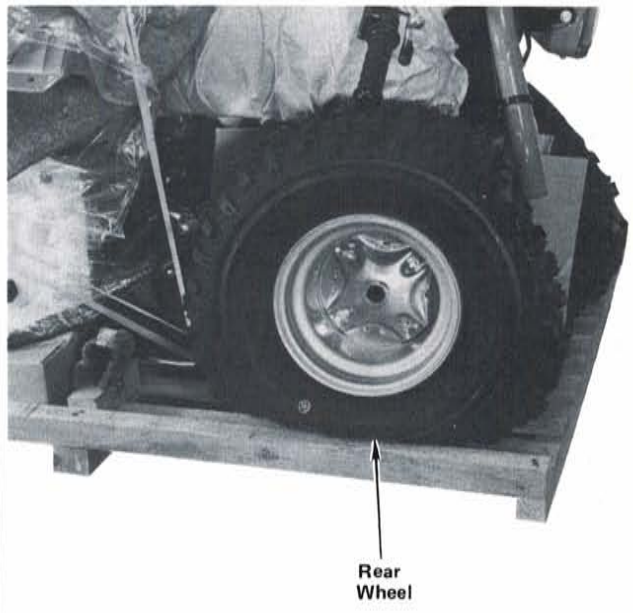
Torque specification:
2.7 kg-m (19 lb-ft)



STEP 10—Insert choke knob into holder, with flat on outer housing aligned with flat on holder.

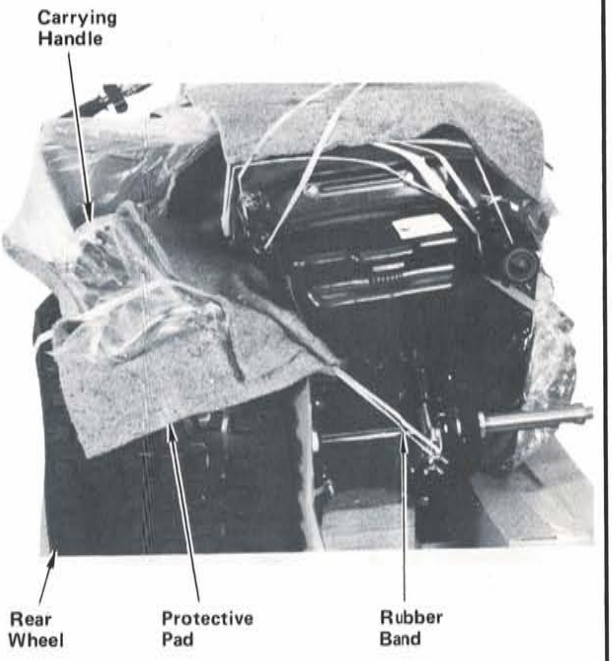


STEP 11—Tighten choke knob housing retaining nut securely.

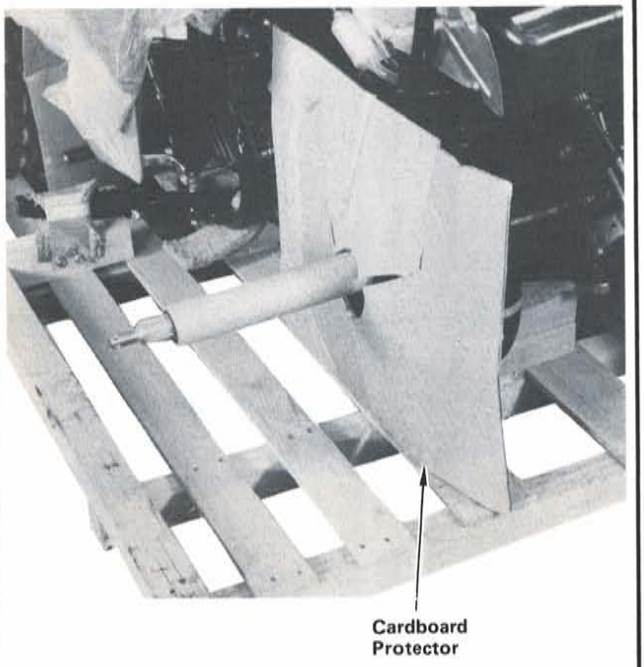


STEP 12—Remove rear wheel from crate base.

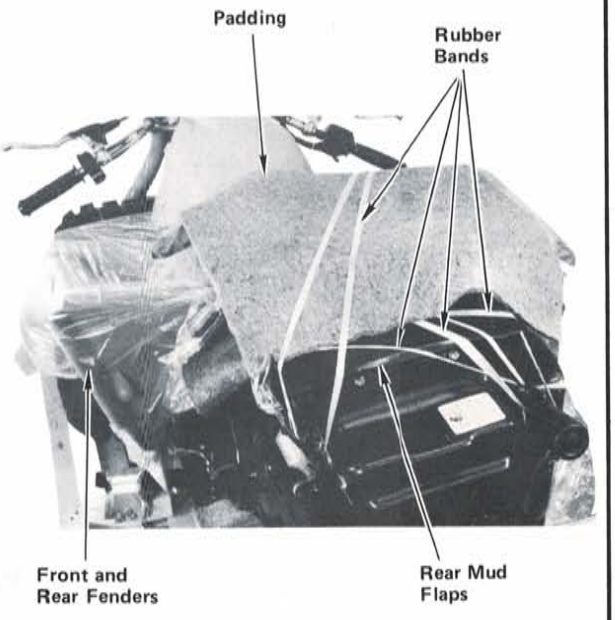
STEP 13—Remove and discard cardboard protector.



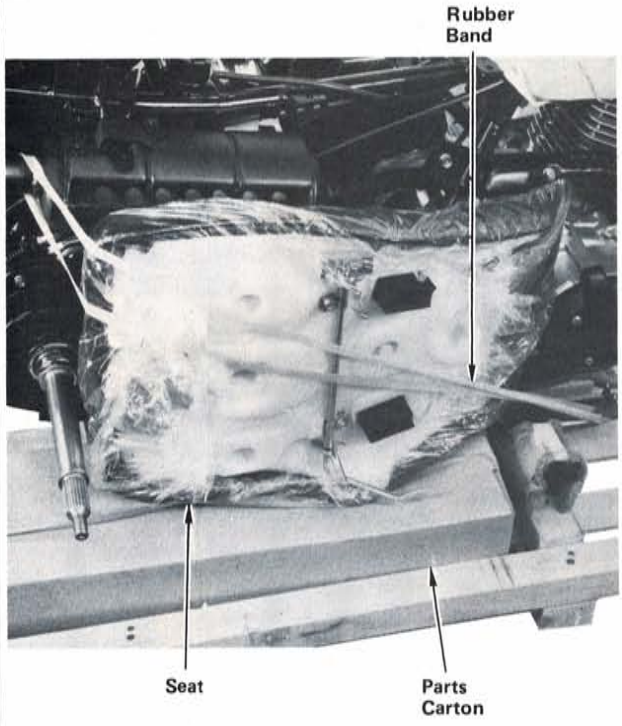
STEP 14—Remove carrying handle and protective pad by removing rubber band. Remove rear wheel.



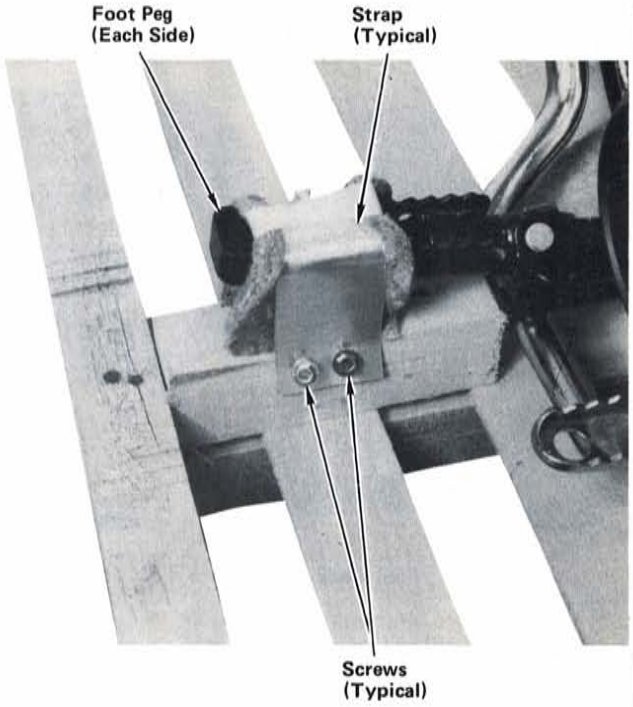
STEP 15—Remove and discard cardboard protector from rear axle.



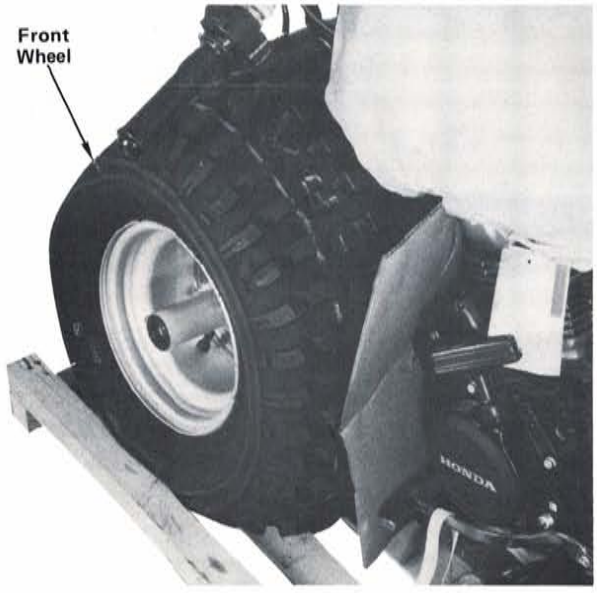
STEP 16—Remove rear mud flaps and fenders by removing rubber bands. Remove protective padding.



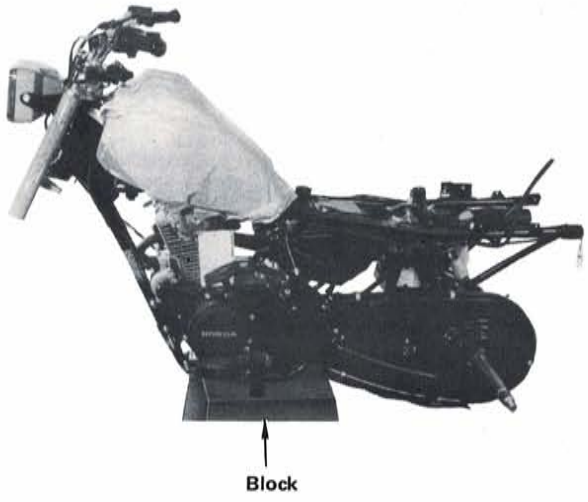
STEP 17—Remove seat and parts carton by removing rubber band.



STEP 18—Remove screws and remove straps holding foot pegs to crate base.

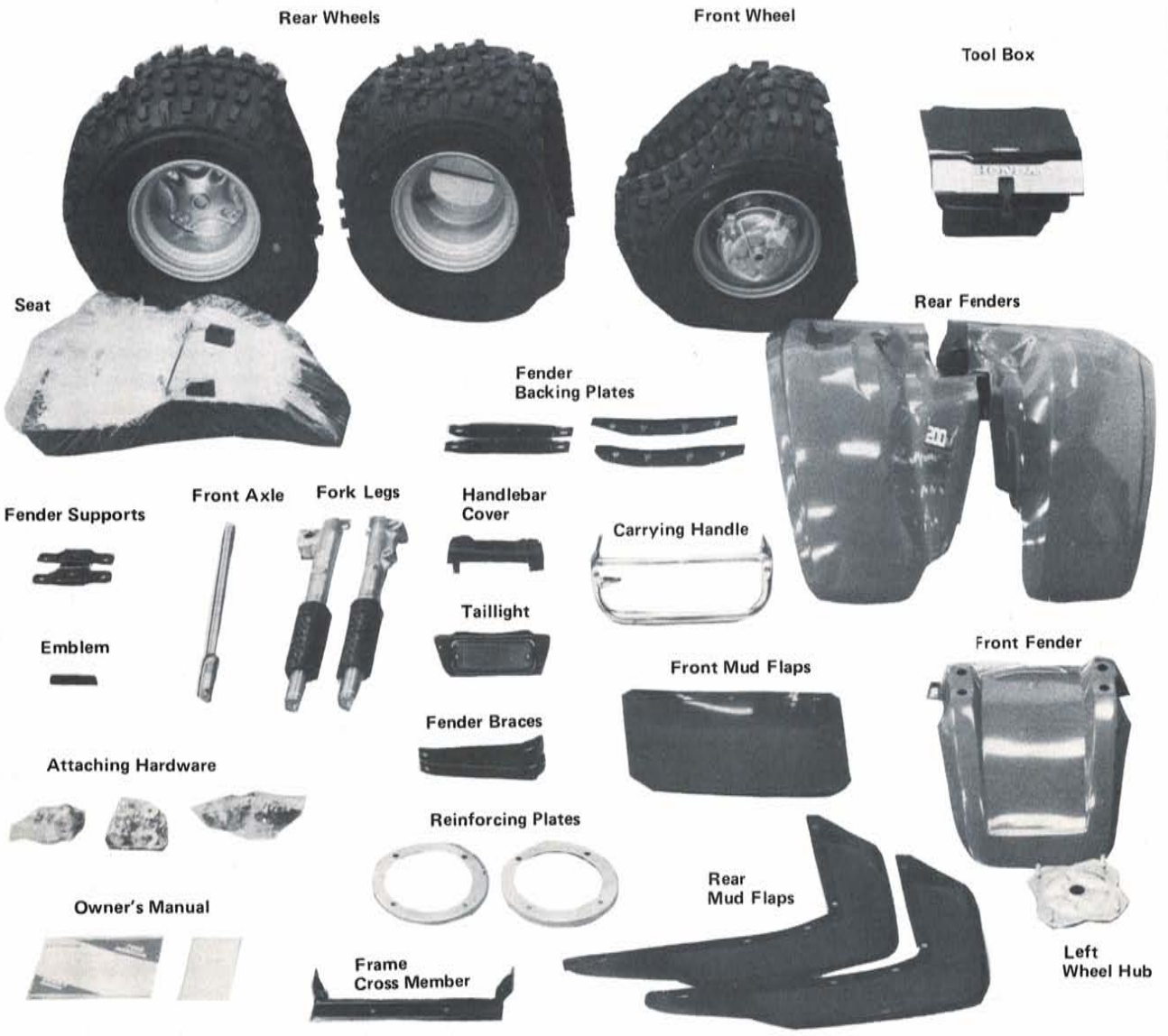


STEP 19—Remove front wheel from crate base.



STEP 20—Carefully remove vehicle from crate base and support on padded block centered under engine as shown.

CAUTION: The vehicle can easily be tipped over until it is resting on front and rear wheels.



STEP 21—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 M/C WARRANTY CLAIM SO 908.

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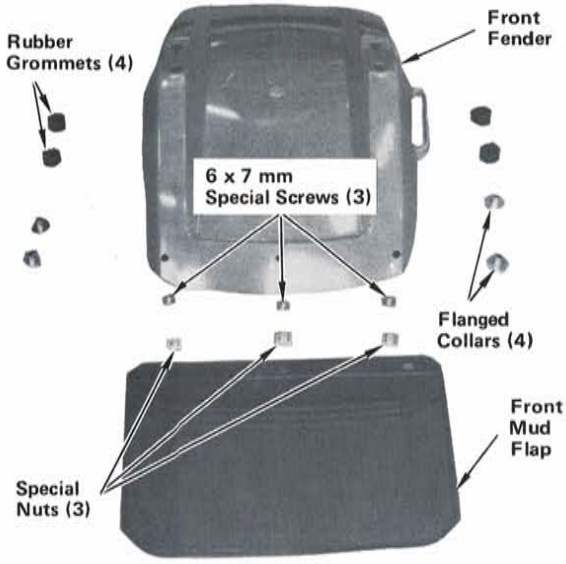
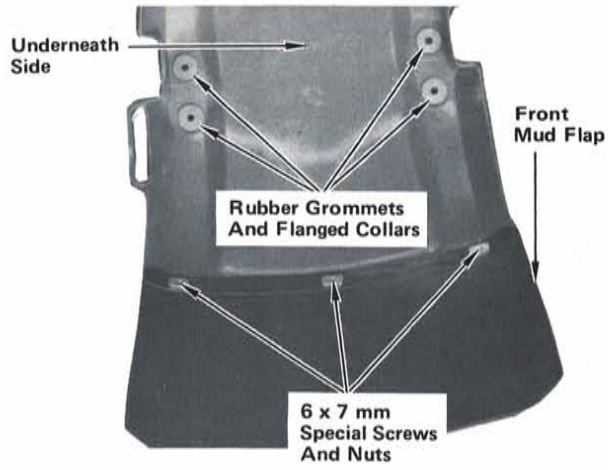


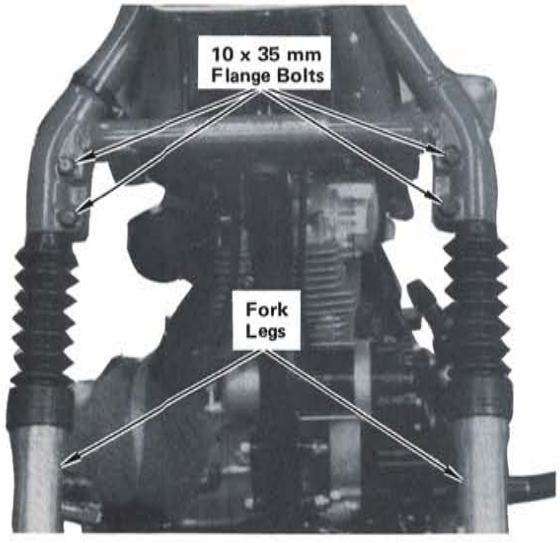
STEP 22—Check front fender mud flap and attaching hardware.



STEP 23—Position mud flap under front fender as shown and install using three 6 x 7 mm special screws inserted down through fender, and special nuts under fender as shown. Tighten screws securely.

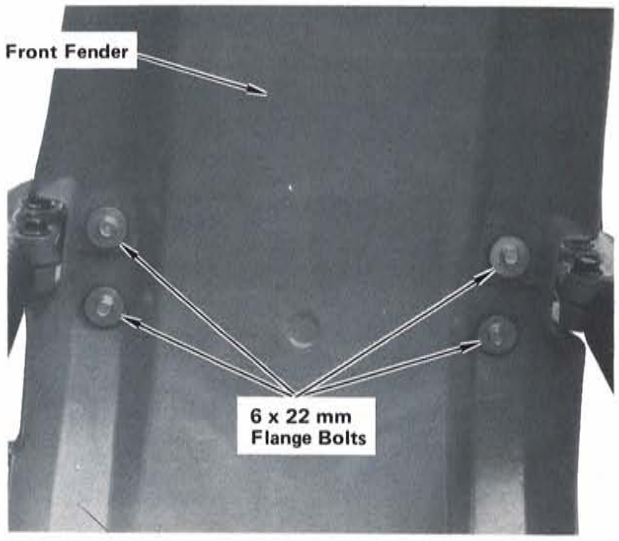
NOTE: Note position of special nuts.

Install rubber grommets into four holes in fender and insert flanged collars into holes in grommets from under fender.



STEP 24—Insert left and right fork legs up into lower fork bridge. (Fork leg with axle holder goes on left side.) Push fork legs up tight against stop in lower fork bridge and install using four 10 x 35 mm flange bolts as shown. Tighten bolts to specified torque.

Torque specification:
4.5 kg-m (32 lb-ft)

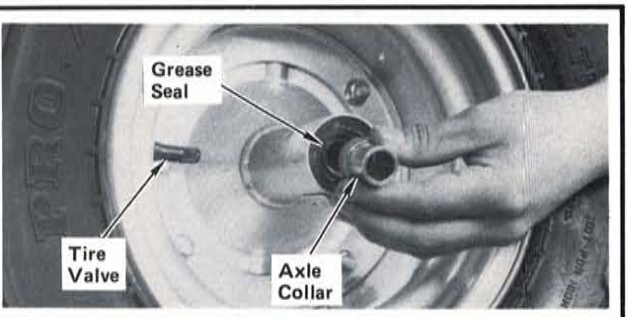


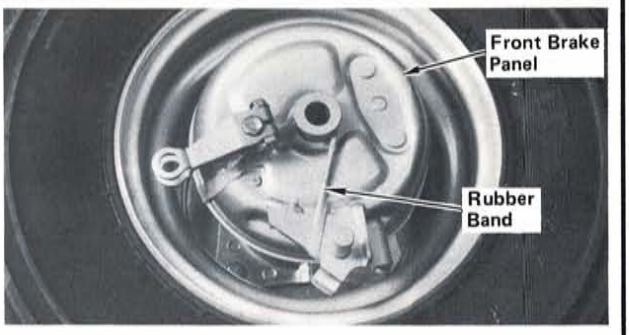
STEP 25—Position front fender between fork legs with mud flap towards rear and install using four 6 x 22 mm flange bolts. Tighten bolts to specified torque.

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

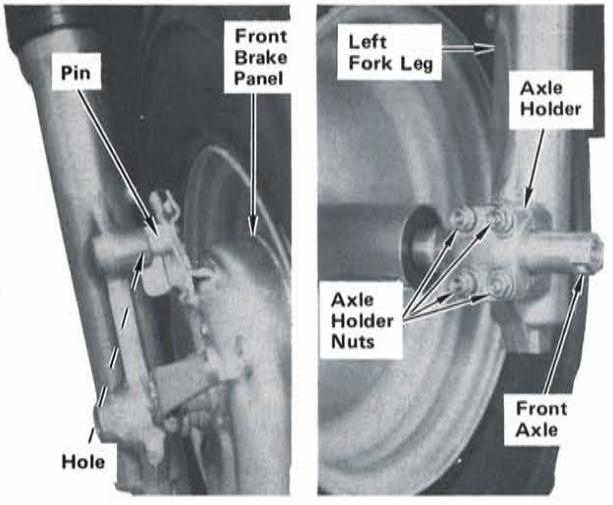
STEP 26—Inflate and check tire pressure of all three tires.

Tire pressure: 2.2 psi.

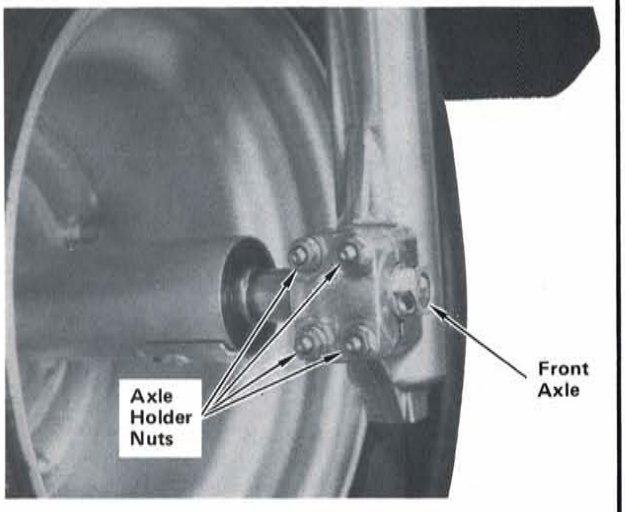




STEP 27—Insert large end of axle collar into grease seal on tire valve side of front wheel as shown. Cut rubber band holding front brake panel.



STEP 28—Rotate sliders of fork legs so axle holder and brake mounting bosses are towards the front. Loosen axle holder nuts. Insert front axle through axle holder, collar, wheel hub, brake panel, and screw into right fork leg. Check that pin on brake panel is inserted into hole in right fork leg.



STEP 29—Tighten front axle to specified torque. Tighten upper axle holder nuts to specified torque first, then tighten lower nuts to same torque.

Torque specifications:

Front axle:	**9.0 kg-m (70 lb-ft)**
Axle holder nuts:	**1.2 kg-m (9 lb-ft)**

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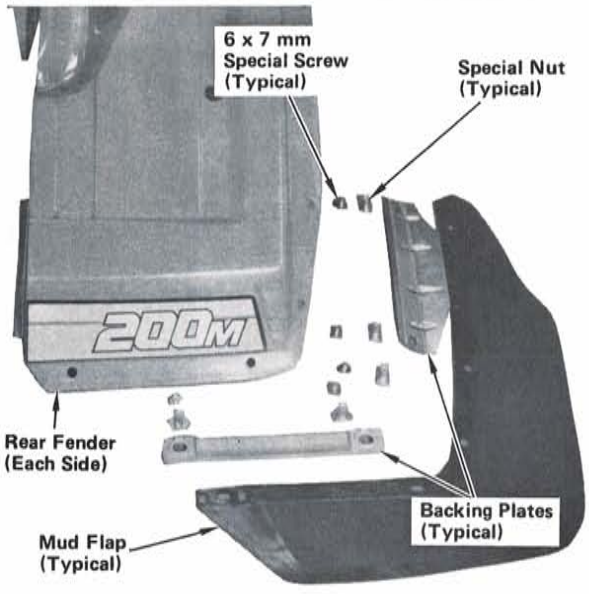
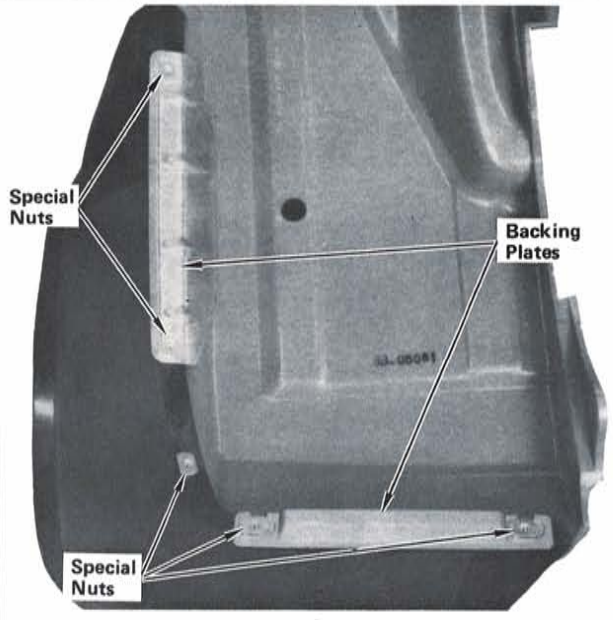
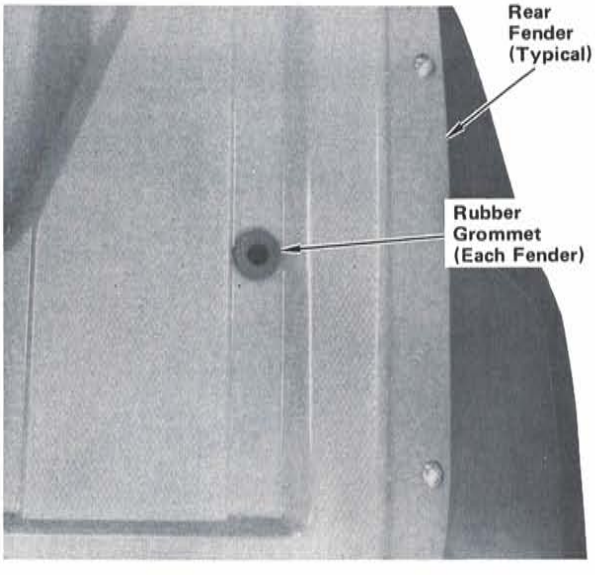


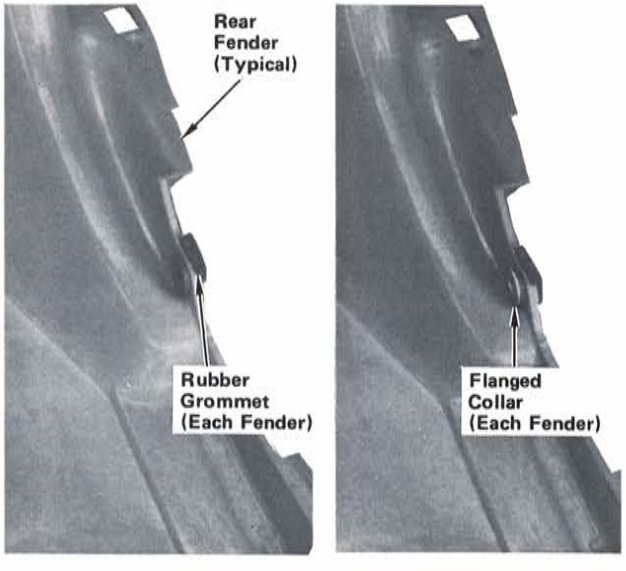
STEP 30—Check rear fenders, mud flaps, and attaching hardware.



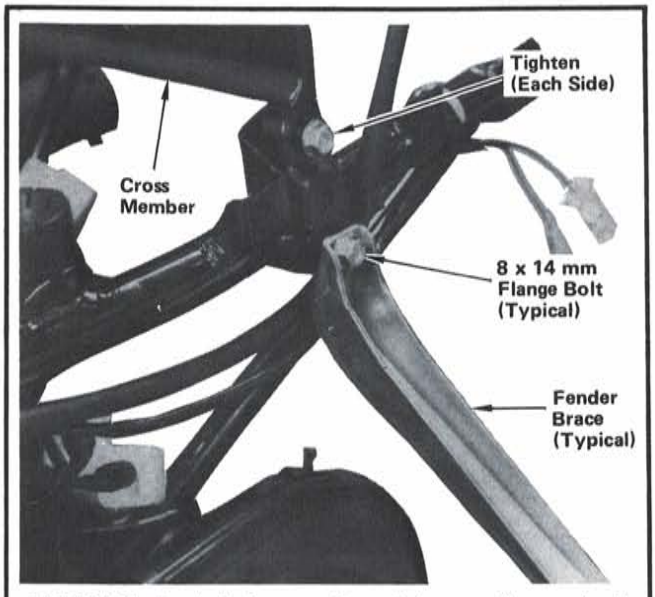
STEP 31—Position rear mud flap under rear fender and install using five 6 x 7 mm special screws inserted down through fender, and two backing plates and five flange nuts under fender as shown. Repeat for other fender. Tighten all screws securely.



STEP 32—Insert rubber grommet into hole in each rear fender as shown.

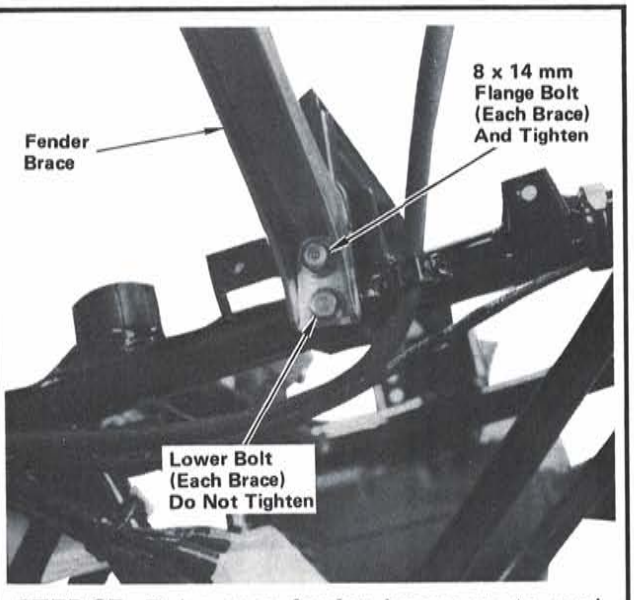


STEP 33—Insert rubber grommet and flanged collar into side hole of each rear fender as shown.



STEP 34—Install lower 8 x 14 mm flange bolt in lower hole of each rear fender brace as shown. Do not tighten these bolts at this time. Tighten the 8 x 28 mm flange bolts of frame rear cross member to specified torque.

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



STEP 35—Raise rear fender braces up to position as shown and install upper 8 x 14 mm flange bolt in each fender brace. Tighten upper 8 x 14 mm flange bolt in each fender brace to specified torque. Do not tighten lower bolts at this time.

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

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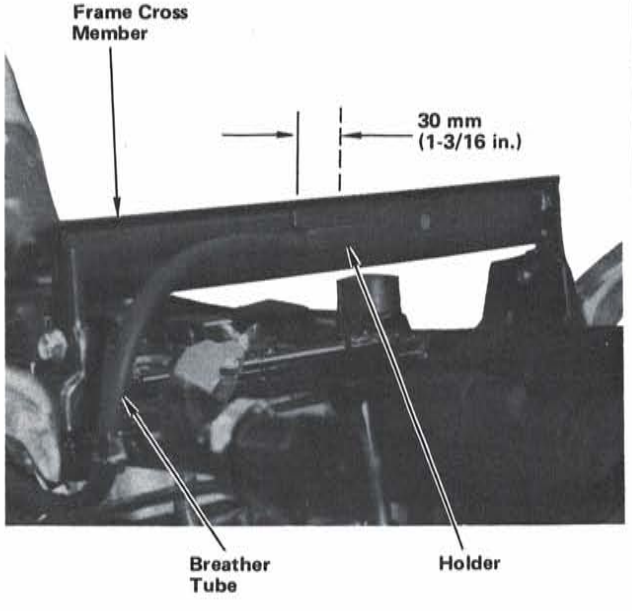

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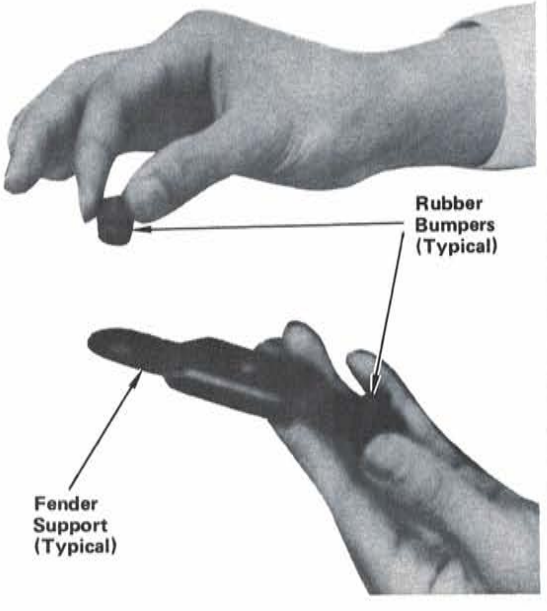
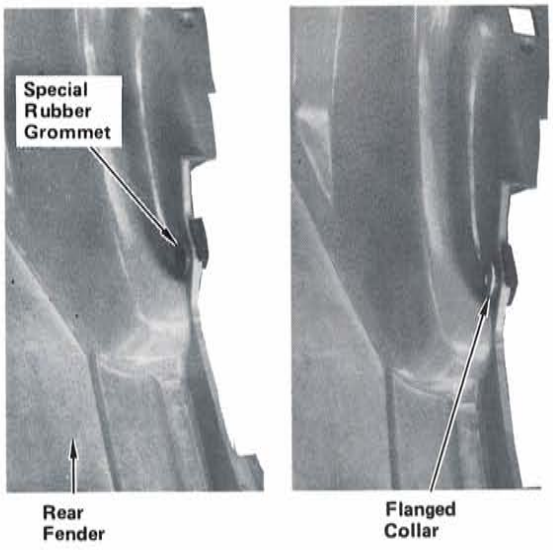
STEP 36—Insert breather tube about 30 mm (1-3/16 in.) into holder on rear of frame rear cross member as shown.

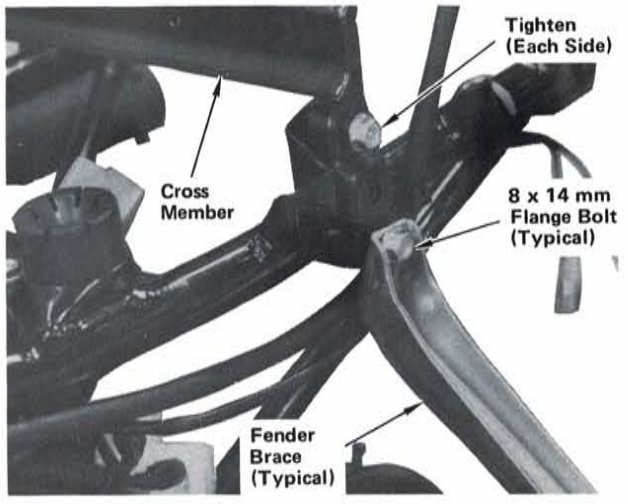


STEP 37—Insert a rubber bumper into hole on each end of both fender supports as shown.

This page supersedes page 12 dated 8/83. Remove and destroy superseded page. Rev. 7/84

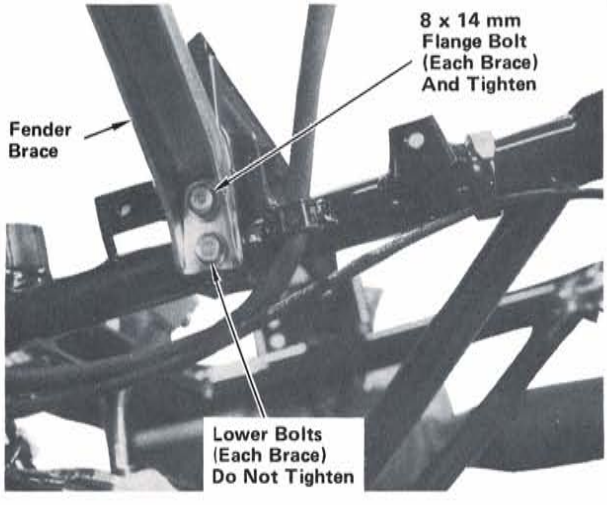


STEP 38—Insert special rubber grommet and flanged collar into side hole of right rear fender as shown.



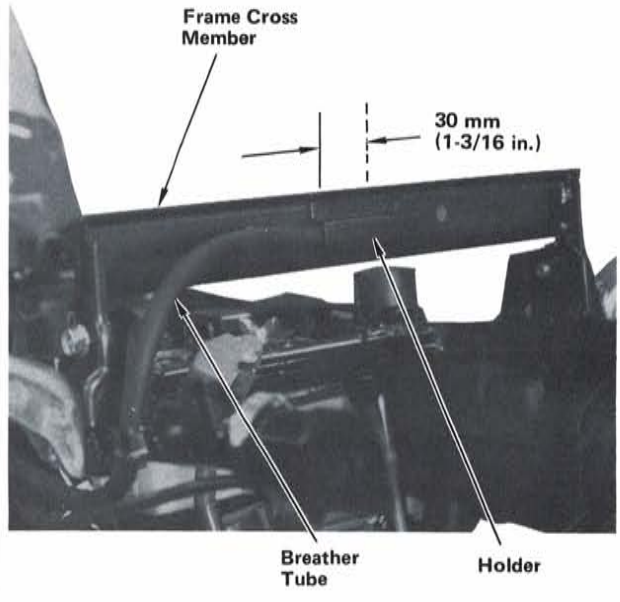
STEP 39—Install lower 8 x 14 mm flange bolt in lower hole of each rear fender brace as shown. Do not tighten these bolts at this time. Tighten the 8 x 28 mm flange bolts of frame rear cross member to specified torque.

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



STEP 40—Raise rear fender braces up to position as shown and install upper 8 x 14 mm flange bolt in each fender brace. Tighten upper 8 x 14 mm flange bolt in each fender brace to specified torque. Do not tighten lower bolts at this time.

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



STEP 41—Insert breather tube about 30 mm (1-3/16 in.) into holder on rear of frame rear cross member as shown.

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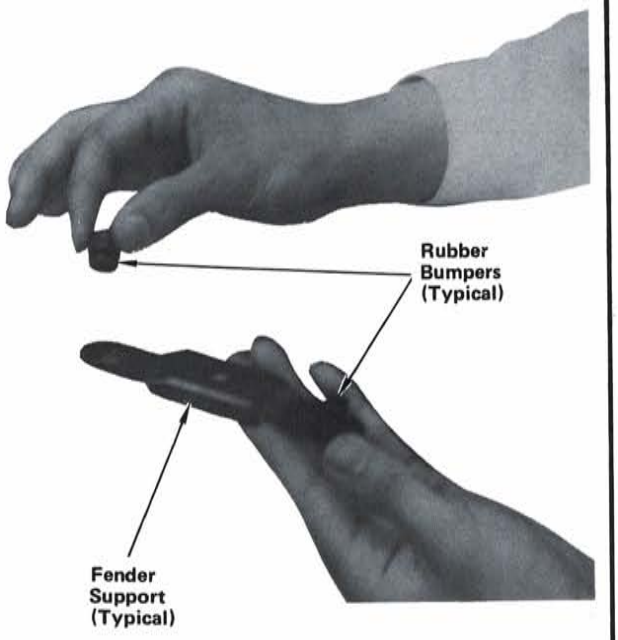
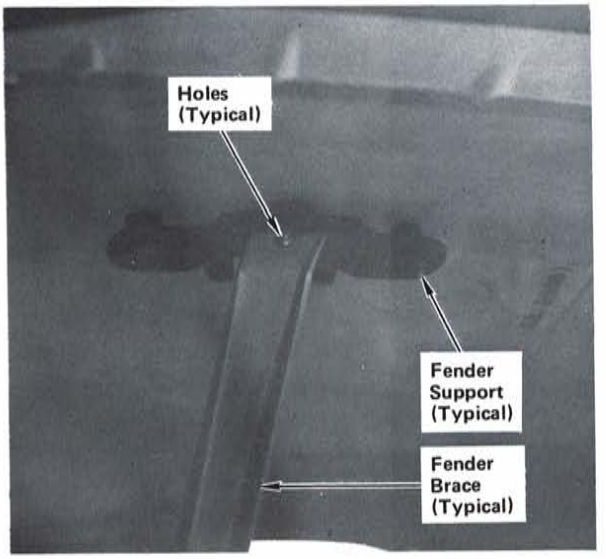
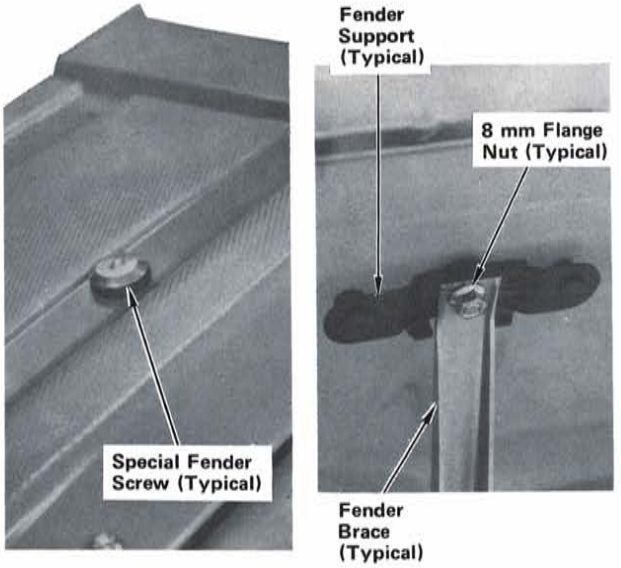
NEW



STEP 42—Insert a rubber bumper into hole on each end of both fender supports as shown.

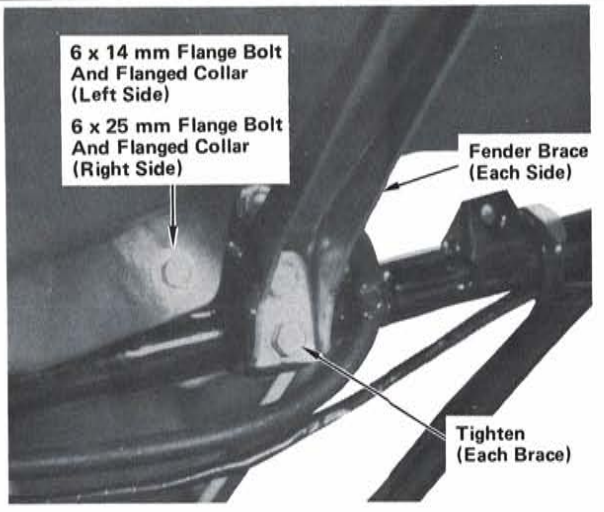


STEP 43—Position right and left fenders on each side of frame, with a fender support between fender brace and fender on each side as shown. Align holes in fenders with holes in fender braces and fender supports.



STEP 44—Install rear fender braces on each side using a special socket head fender screw down through rubber grommet in fender, with an 8 mm flange nut under fender. Tighten screws to specified torque.

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



STEP 45—Attach rear fenders to frame using a 6 x 14 mm flange bolt and flanged collar on left side where shown, and a 6 x 25 mm flange bolt and flanged collar on right side in the same area. Tighten these two bolts and lower bolts in fender braces to specified torque.

Torque specifications:
8 mm bolts: 2.7 kg-m (19 lb-ft)
6 mm bolts: 1.0 kg-m (8 lb-ft)

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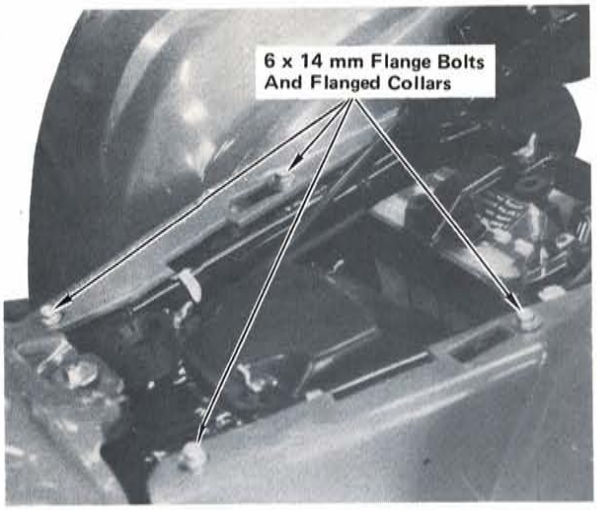
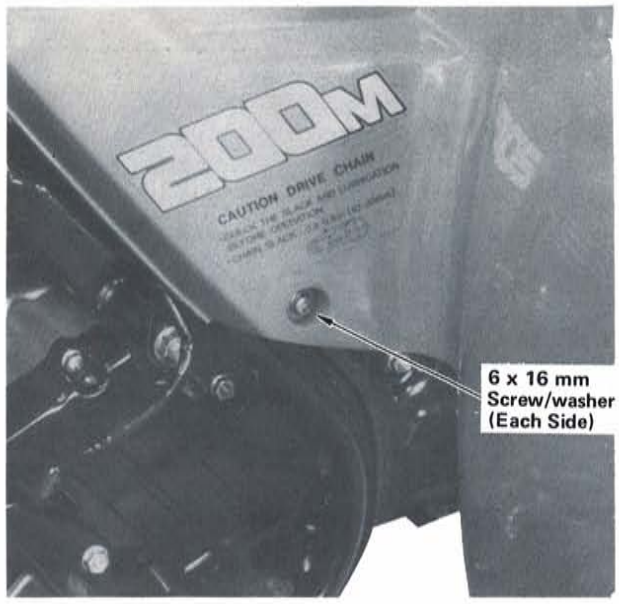


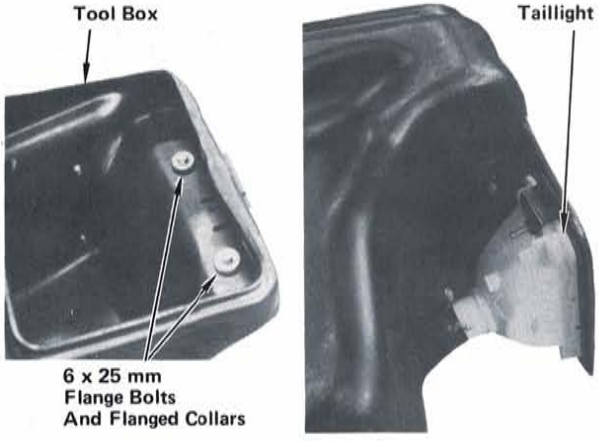
STEP 46—Continue installation of rear fenders using four 6 x 14 mm flange bolts and flanged collars where shown. Tighten bolts to specified torque.

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

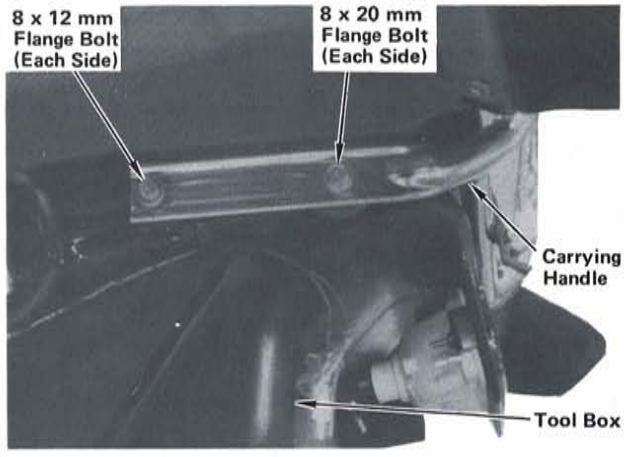


STEP 47—Secure sides of rear fenders using a 6 x 16 mm screw/washer and collar on each side. Tighten screws to specified torque.

Torque specification:
0.35 kg-m (2 lb-ft)

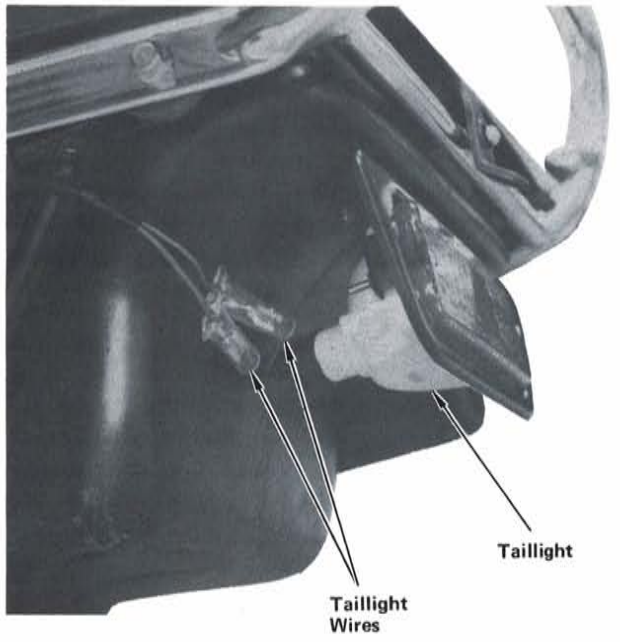


STEP 48—Insert two flanged collars down through rubber grommets in tool box as shown. Install taillight as shown using two 6 x 25 mm flange bolts. Tighten bolts securely.

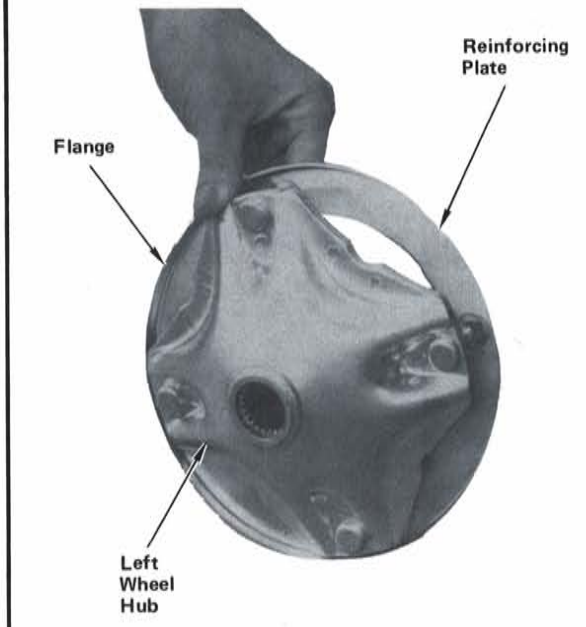


STEP 49—Position tool box between rear fenders as shown. Position carrying handle on frame and against tool box as shown. Align holes of carrying handle, rear fender, and frame. Install carrying handle using two 8 x 12 mm flange bolts through forward holes and into frame, and two 8 x 20 mm flange bolts through rear holes, rear fender, and into frame. Tighten bolts to specified torque.

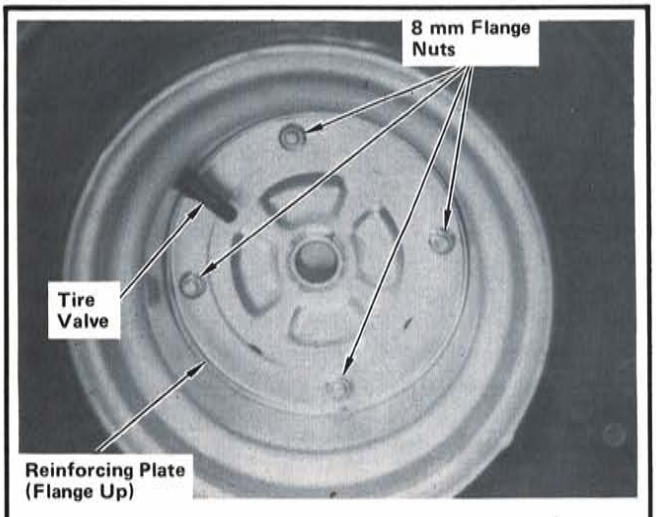
Torque specification:
2.7 kg-m (19 lb-ft)



STEP 50—Connect taillight wires to wire harness color-to-color.

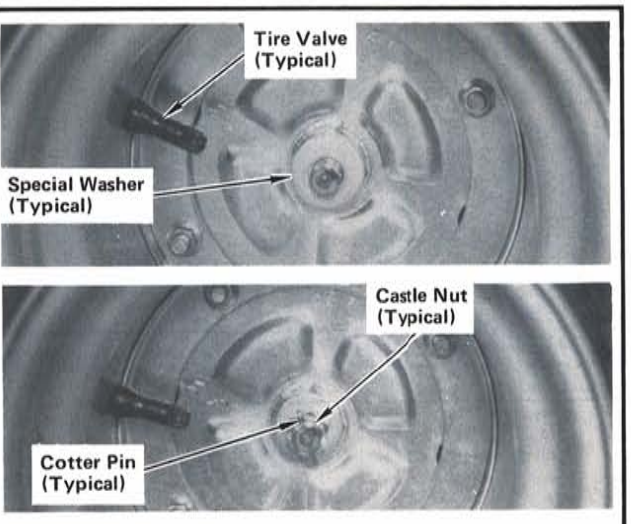


STEP 51—Slip a rear wheel reinforcing plate over studs on left rear wheel hub as shown, with flange towards hub.



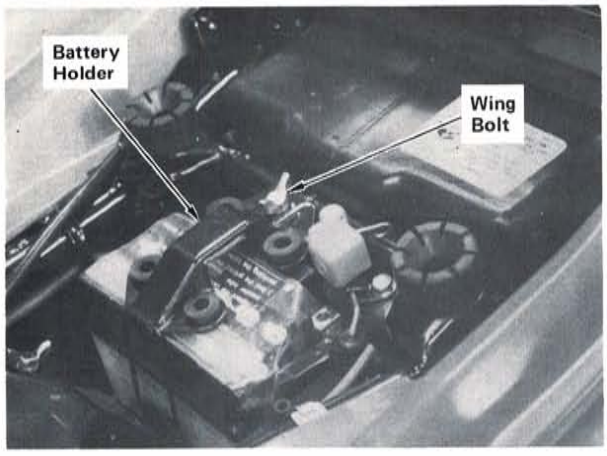
STEP 52—Insert studs of rear wheel hub through holes in left rear wheel as shown and install using another reinforcing plate (flange up) and four 8 mm flange nuts. Tighten nuts to specified torque. Note position of tire valve.

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

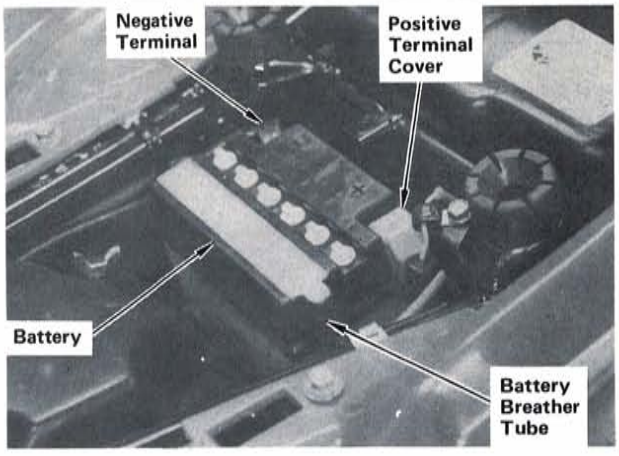


STEP 53—Grease rear axle splines and install rear wheels, with tire valves to the outside, using a special washer (with "OUTSIDE" marking facing out) and castle nut for each. Tighten both castle nuts to specified torque and install a cotter pin in each. Spread ends of cotter pins as shown.

Torque specification:
7.0 kg-m (51 lb-ft)

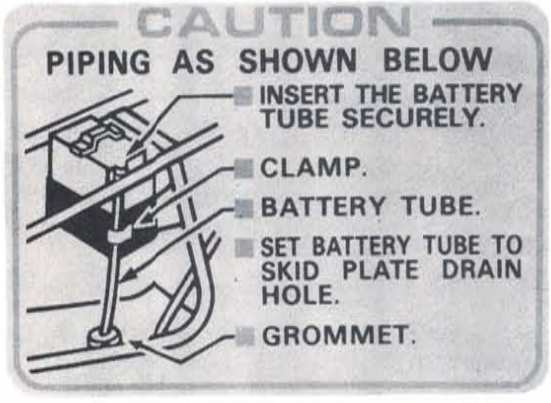


STEP 54—Remove battery holder by removing a 6 mm wing bolt. Remove battery from battery compartment and service as described in shop manual or battery preparation booklet packed with battery.



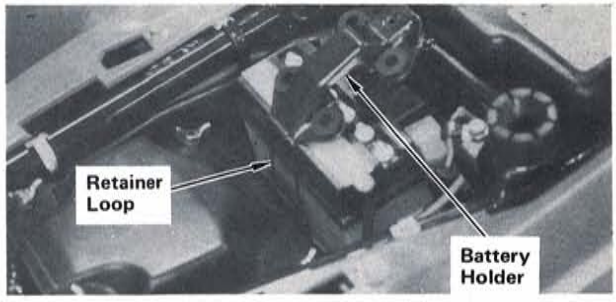
STEP 55—Place battery into battery compartment with terminals facing the rear. Check that ignition switch is off. Connect positive (+) battery cable first, then connect negative (—) cable. Tighten securely and coat battery terminals with clean grease. Slip terminal cover over positive terminal. Connect battery breather tube to battery.

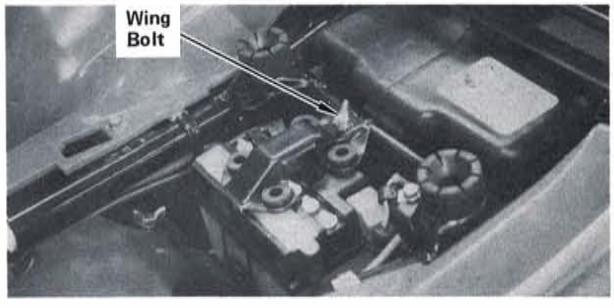
CAUTION: Make sure positive (+) battery cable is not forced against any metal parts.



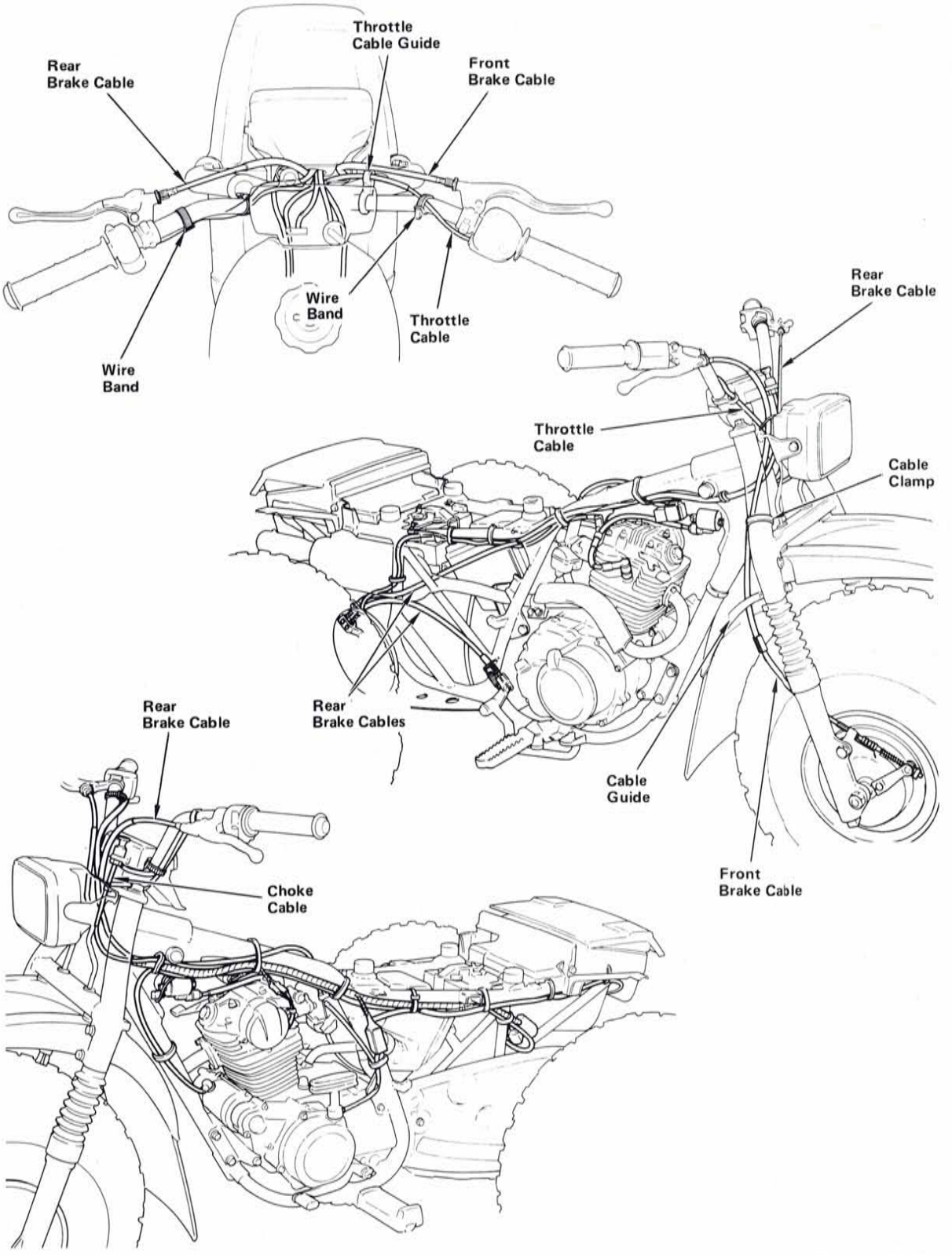
STEP 56—Check routing of battery breather tube as shown in battery caution label located on the tool box.

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





STEP 57—Reinstall battery holder as shown, being sure retainer loop is hooked. Tighten wing bolt securely.



STEP 58—Check routing of front and rear brake cables, throttle cable, engine stop switch wire, and headlight switch wire as shown.

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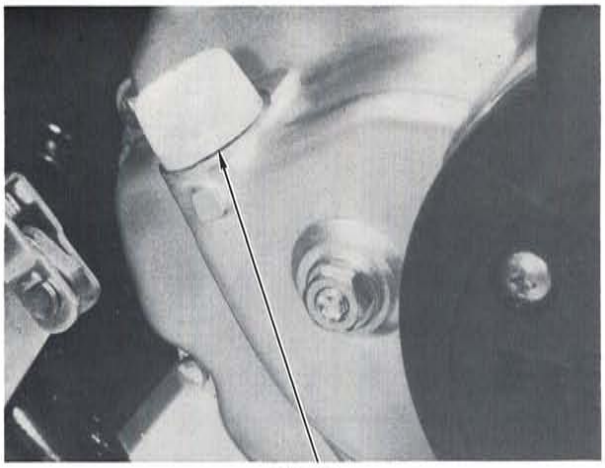
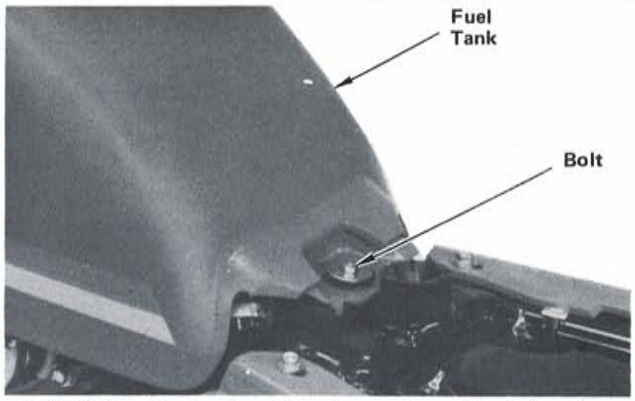


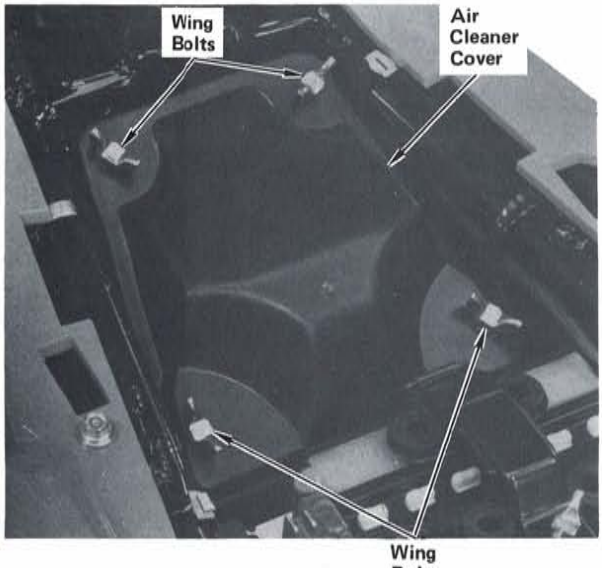
Oil Filler Cap/Dipstick

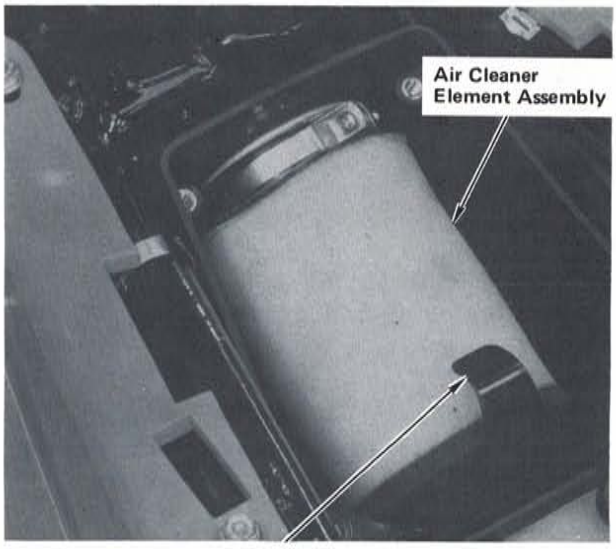
STEP 59—Fill crankcase with recommended oil as described in owner's manual.



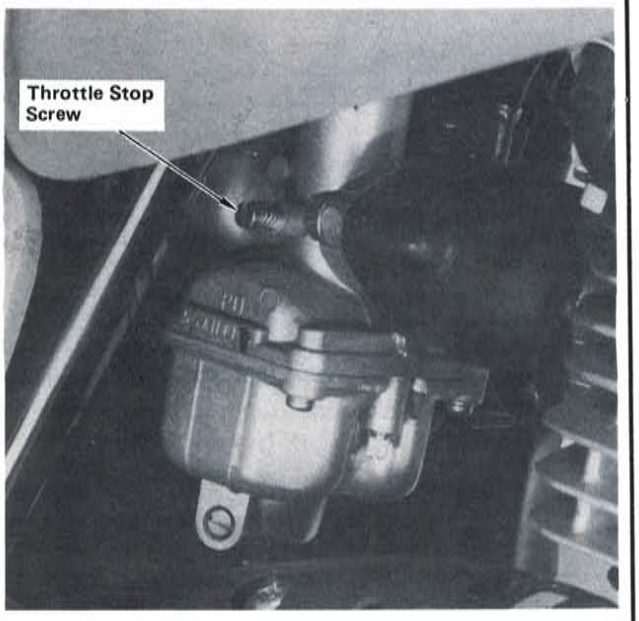
STEP 60—Drain fuel tank as described in shop manual. Remove fuel tank by removing mounting bolt at rear of tank and disconnecting fuel line. Inspect and flush fuel tank. Clean fuel filter. Reinstall fuel tank, connect fuel line, fill tank, turn on fuel valve and check for leaks and flow through fuel filter. Tighten mounting bolt securely. Drain residual fuel from carburetor.

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

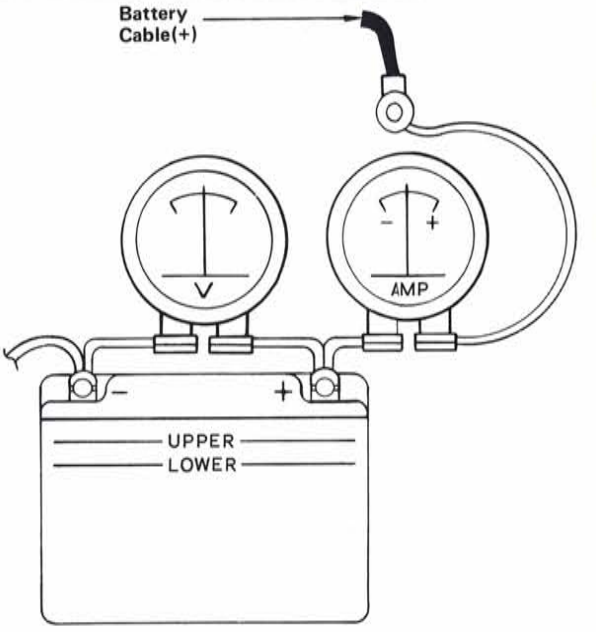




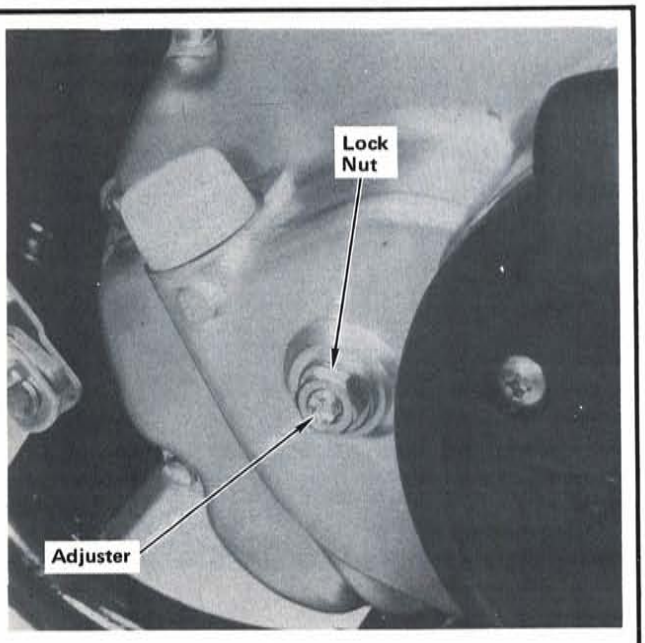
STEP 61—Remove four wing bolts attaching air cleaner cover. Pull out retainer clip and remove air cleaner element assembly from air cleaner case. Remove retainer from air cleaner core and remove air cleaner element. Check condition of element. If necessary, clean element as described in owner's manual or shop manual. Reinstall element, retainer, and assembly into air cleaner case. Reinstall air cleaner cover and tighten wing bolts securely.



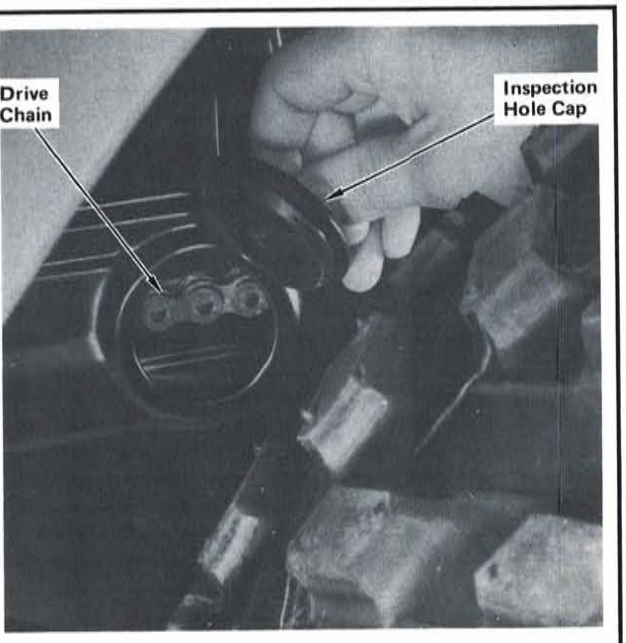
STEP 62—Connect a tachometer and check transmission in neutral. Start engine and allow it to warm up to operating temperature and check idle speed at 1,400 ± 100 rpm. If necessary, adjust idle speed using throttle stop screw. Remove tachometer.



STEP 63—Check battery charging system (volts and amperes) at battery, as described in shop manual.



STEP 64—Check clutch operation. If adjustment is necessary, use the following procedure. Loosen lock nut and turn clutch adjuster counterclockwise until resistance is felt, then turn clutch adjuster ¼ turn clockwise and tighten lock nut. Recheck clutch operation.



STEP 65—Check drive chain slack and lubrication. If necessary, adjust and lubricate drive chain as described in owner's manual or shop manual.

Slack: 15–25 mm (5/8–1 in.)

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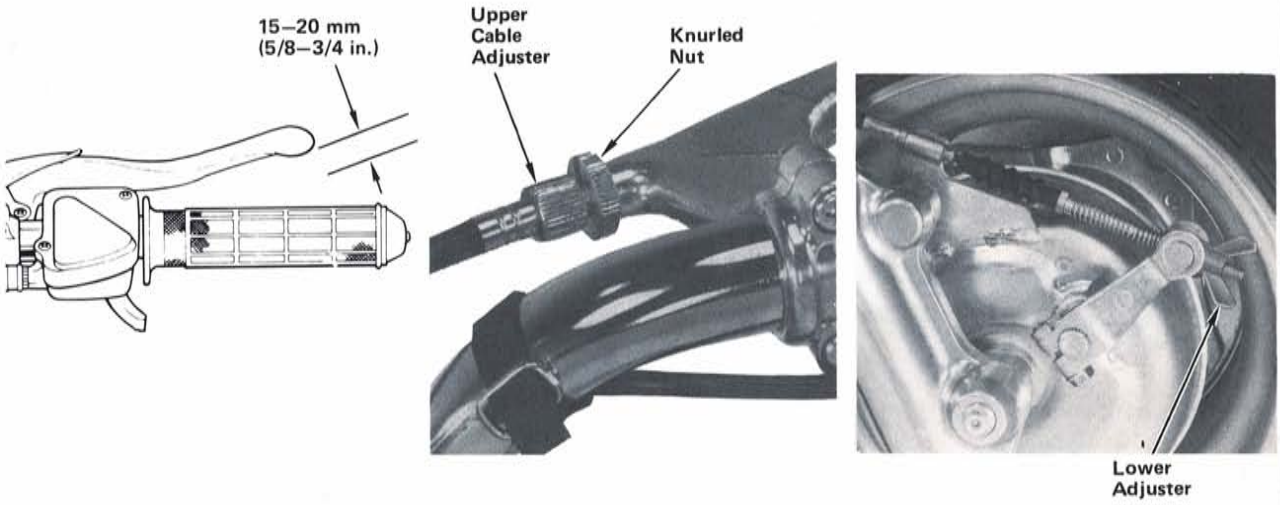
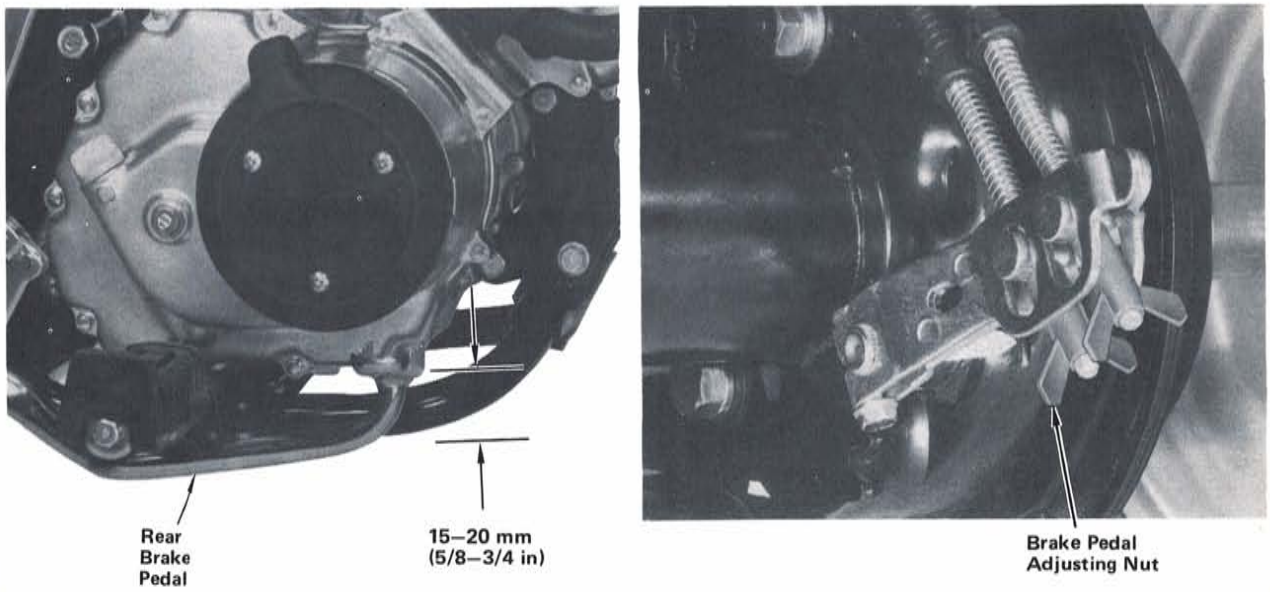
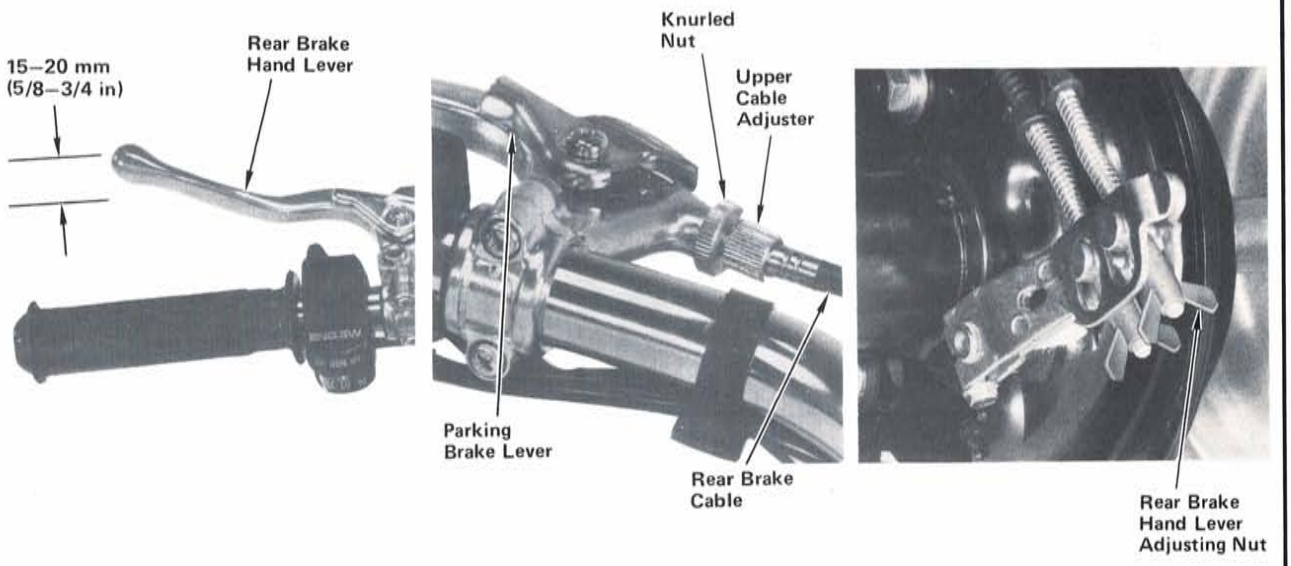


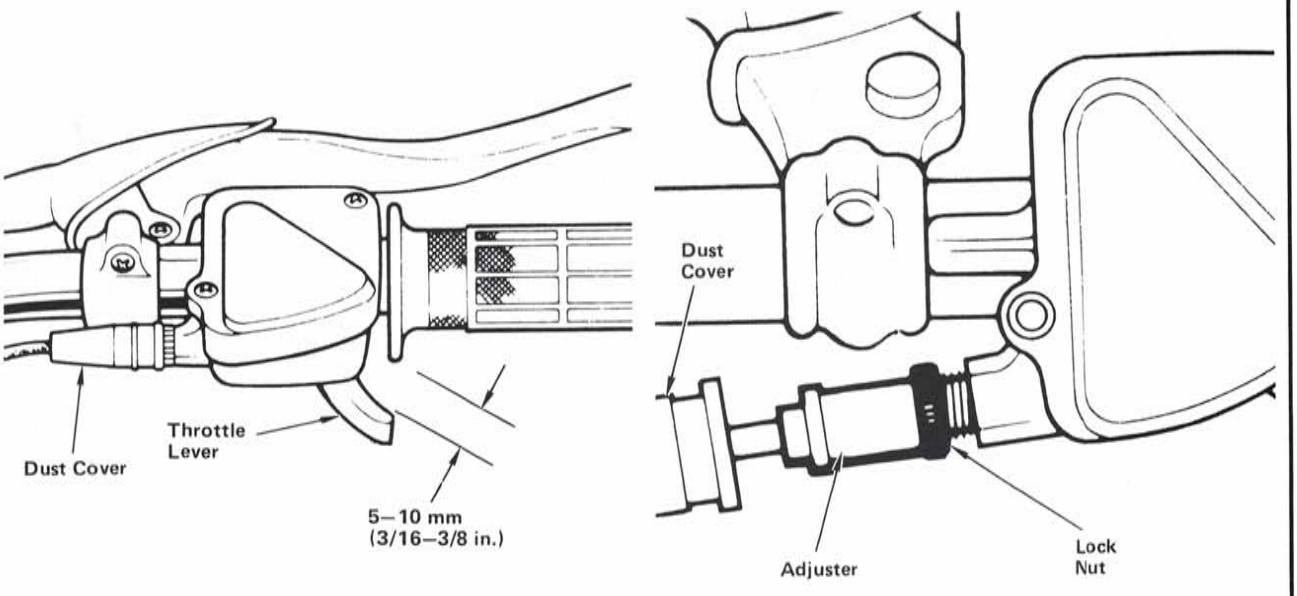
STEP 66—Raise front wheel off ground using a support block under engine. Spin front wheel by hand and measure free play of front brake hand lever before brake starts to engage. Free play, measured at tip of brake hand lever, should be between 15 and 20 mm (5/8—3/4 in.). Use lower adjuster to make large adjustments. Small adjustments are made at brake hand lever by loosening knurled nut and turning upper adjuster. After adjustment, tighten knurled nut. Tighten fork leg cable clamp screw.



STEP 67—Raise rear wheels off ground using a support block under vehicle. Rotate rear wheels by hand and measure free play before brake starts to engage. Free play, measured at tip of brake pedal, should be 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 68—Raise rear wheels off ground using a support block under engine. Spin rear wheels by hand and measure free play of rear brake hand lever before brake starts to engage. Free play, measured at tip of brake hand lever, should be between 15 and 20 mm (5/8—3/4 in). Use lower adjuster to make large adjustments. Small adjustments are made at rear brake hand lever by loosening knurled nut and turning upper adjuster. After adjustment, tighten knurled nut. Remove block under engine. Check parking brake operation.



STEP 69—Check throttle cable for condition. Check that throttle lever free play is within 5—10 mm (3/16—3/8 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 70—Insert seat studs into holes in rubber seat mounts and engage seat latches.

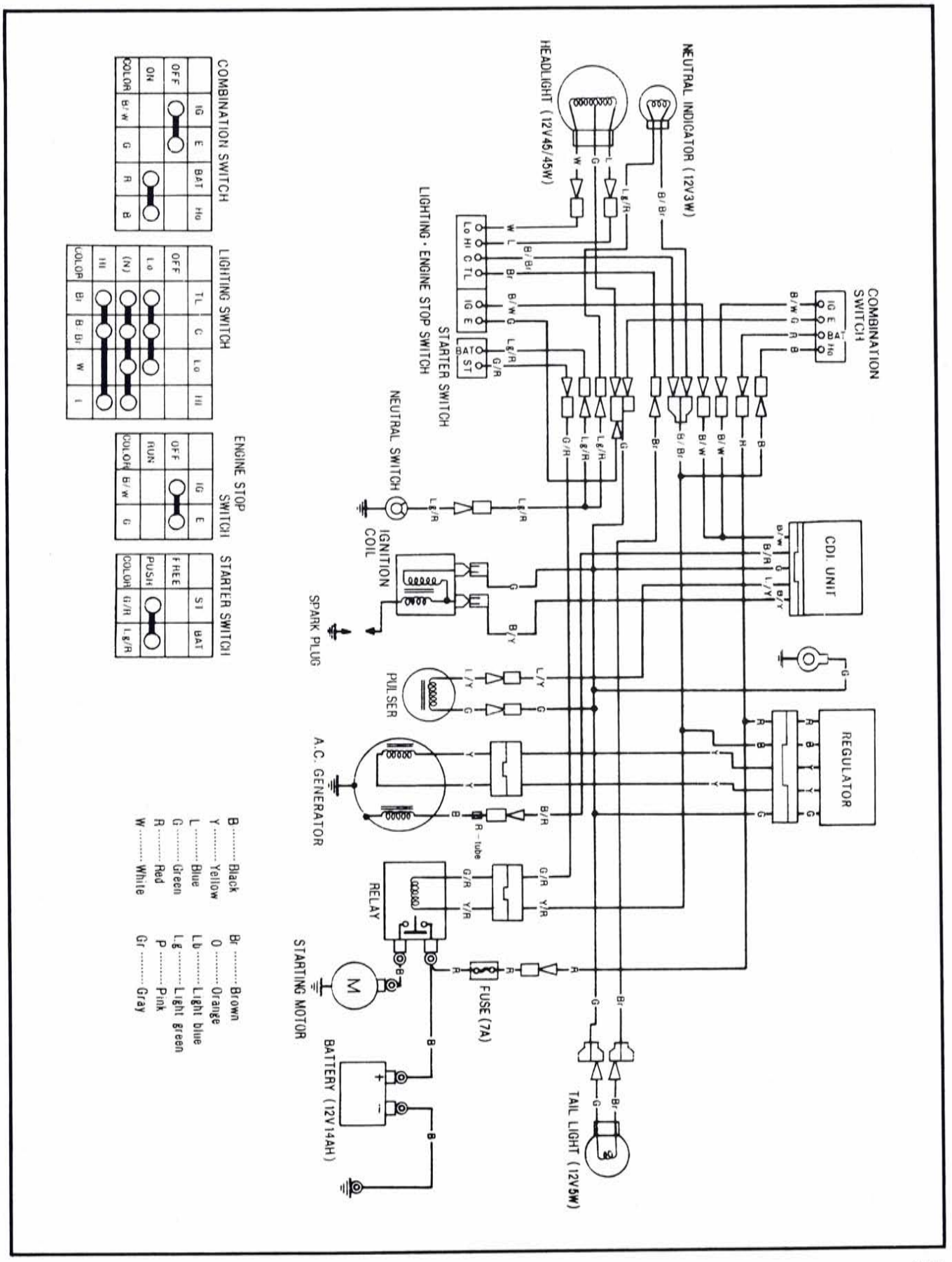
NOTE: Check that latches are fully engaged.

CAUTION

REMOVE BATTERY AND MAINTAIN IN FULLY CHARGED CONDITION UNLESS VEHICLE IS TO BE DELIVERED IMMEDIATELY. REFER TO SERVICE BULLETIN SL NO. 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
Fork bolts	------	6.0 kg-m (44 lb-ft)
Handlebar upper holder bolts	------	2.7 kg-m (19 lb-ft)
Fork leg bolts	10 mm	4.5 kg-m (32 lb-ft)
Front fender bolts	6 mm	1.0 kg-m (8 lb-ft)
Front axle	------	9.0 kg-m (70 lb-ft)
Axle holder nuts	------	1.2 kg-m (9 lb-ft)
Frame cross member	8 mm	2.7 kg-m (19 lb-ft)
Fender braces and fender bolts	8 mm	2.1 kg-m (16 lb-ft)
Fender bolts	6 mm	1.0 kg-m (8 lb-ft)
Fender screws	6 mm	0.35 kg-m (2 lb-ft)
Carrying handle bolts	8 mm	2.7 kg-m (19 lb-ft)
Rear hub nuts	8 mm	2.2 kg-m (16 lb-ft)
Rear axle nuts	14 mm	7.0 kg-m (51 lb-ft)



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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 is is functioning properly.

PRE-DELIVERY SERVICE CHECK LIST

- ☐ Adjust front and rear brakes, check cable routing and check operation.
- ☐ Fill crankcase with recommended oil.
- ☐ Remove and inspect fuel tank, drain and flush.
- ☐ Drain residual fuel from carburetor.
- ☐ Check air filter element. Clean and oil of necessary.
- ☐ Check operation of decompression system.
- ☐ Reinstall fuel tank, fill, turn on petcock and check for leaks.
- ☐ Adjust idle speed.
- ☐ Check throttle lever free play, cable routing, and operation in all steering positions.
- ☐ Adjust and lubricate drive chain.
- ☐ Check tire pressure.
- ☐ Inspect electrical components for proper operation and adjustment.
  - Headlight switch.
  - Headlight: Adjust high beam aim.
  - 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 and clutch: Ease of shifting, clutch operation, etc.
  - Acceleration: Smoothness, etc.
  - Cruising: Smoothness, etc.
  - Handling: Stability and cornering.
  - Brakes: Smoothness and stopping power.
  - Idling: Smoothness, throttle response, and return to idle.
  - Recheck idle speed after 10 minutes of stop and go operation.
  - Parking brake operation.
  - Upon completion of test ride, check for fuel and oil leaks.

LOOSE PARTS

The following is a list of loose parts contained in the package cartons packed behind the front forks, and in the crate.

PART NAME	QTY	H/C	PART NUMBER
Front wheel	1	-------	----------
Front wheel axle	1	1810175	44301-VM3-680
Front axle side collar	1	1813468	44312-VM4-680
Front brake panel assy	1	-------	45000-VM3-680
Right front fork assy	1	-------	51400-958-003
Left front fork assy	1	-------	51500-958-003
Brake spring	1	0271056	95014-73100
Brake arm joint B	1	0400945	95015-32001
Brake adjusting nut	1	-------	43459-434-000
Flange bolt, 10 x 35 mm	4	1299189	90118-958-000
Front fender	1	-------	61100-958-000
Front mud guard	1	1513241	61861-VM3-000
Front fender mount rubber	4	0680678	61103-430-000
Front fender mounting collar	4	0763946	61104-444-000
Flange bolt, 6 x 22 mm, front fender	4	0483925	95700-06022-00
Screw, 6 x 7 mm	3	0810655	90102-673-003
Special nut, 6 mm	3	-------	61304-958-003
Handle cover	1	-------	53205-958-680
Handle cover mark	1	1274760	53206-958-003
Screw/washer, 6 x 20 mm, handle cover	2	0878538	93891-06020-08
Right rear fender	1	-------	80100-958-680
Left rear fender	1	-------	80150-958-680
Rear mud guard	2	-------	80111-VM3-680
Number plate bracket collar	7	0843615	84706-415-000
Flange bolt, 6 x 14 mm	5	0840587	95700-06014-08
Screw/washer, 6 x 16 mm	2	0634741	93892-06016-08
Flange bolt, 6 x 25 mm	1	0258731	95700-06025-08
Rear fender rear plate	2	1849819	80112-VM3-680
Rear fender side plate	2	1810480	80113-969-680
Screw, 6 x 7 mm	10	0810655	90102-673-003
Special nut, 6 mm	10	1223676	90302-958-680
Rear fender screw	2	1513340	81313-VM3-003
Rear fender rubber	2	1222942	80152-958-680
Rear fender stay	2	1513282	80121-VM3-000
Rear fender support	2	1810506	81302-VM3-680
Rear fender mounting collar	1	0763946	61104-444-000
Stop rubber C	4	0711143	50355-434-000
Flange nut, 8 mm	2	0481143	94050-08000
Flange bolt, 8 x 14 mm	4	0417949	95700-08014-08
Rear fender grommet	1	1513290	80161-958-680
Spacer lid	1	1513332	81311-VM3-000
Flange bolt, 8 x 28 mm	2	0412601	95700-08028-08

LOOSE PARTS (Continued)

PART NAME	QTY	H/C	PART NUMBER
Tool box assy	1	-------	----------
Seat assy	1	-------	----------
Taillight assy	1	-------	----------
Flange bolt, 6 x 25 mm	2	0258731	95700-06025-08
Front fender collar	2	0687558	61104-428-000
Carry pipe comp.	1	1513316	81200-VM3-000
Flange bolt, 8 x 20 mm	2	0477463	95700-08020-00
Flange bolt, 8 x 12 mm	2	0681270	95700-08012-08
Rear wheel assy	2	-------	----------
Washer, 14 mm	2	1074327	42322-950-000
Axle nut, 14 mm	2	0234021	94011-1400-0S
Cotter pin, 3.0 x 25 mm	2	0058420	94201-30250
Rear wheel hub assy	1	0842393	42410-958-000
Rear patch	2	1221332	44714-958-680
Flange nut, 8 mm	4	1420231	90309-KF0-003
Battery terminal set	1	-------	----------
Skid plate	1	-------	----------
Flange bolt, 6 x 12 mm	4	1299197	90118-958-003
Owner's manual	1	-------	31VM3610

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HONDA

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