

RECEIVED OCT 27 1984

Set-up Instructions

1985 Model ATC70



MPD 8111 8410
AMERICAN HONDA MOTOR CO., INC.
100 WEST ALONDRA BOULEVARD, GARDENA, CALIFORNIA 90247

COPY

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.

THIS ISSUE OF THE ATC70 SET-UP INSTRUCTIONS REPLACES THE 1985 MODEL ATC70 SET-UP INSTRUCTIONS DATED 7/84. REMOVE AND DESTROY SUPERSEDED SET-UP INSTRUCTIONS.



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

SET-UP INSTRUCTION REVISED PAGES

Pages Affected

1 through 17

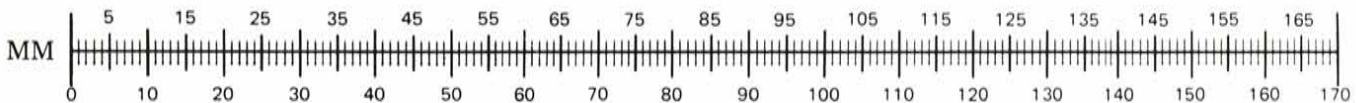
Orig. Issue Date

10/84

Rev. Date

Original

Remove and destroy superseded pages.



METRIC SCALE FOR DETERMINING BOLT LENGTHS/DIAMETERS

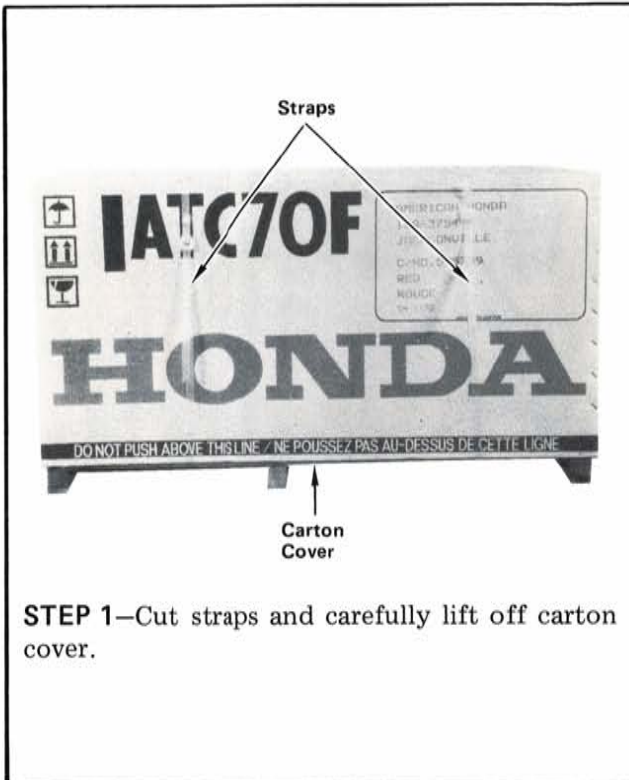
Pay special attention to warnings, cautions, and notes.

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

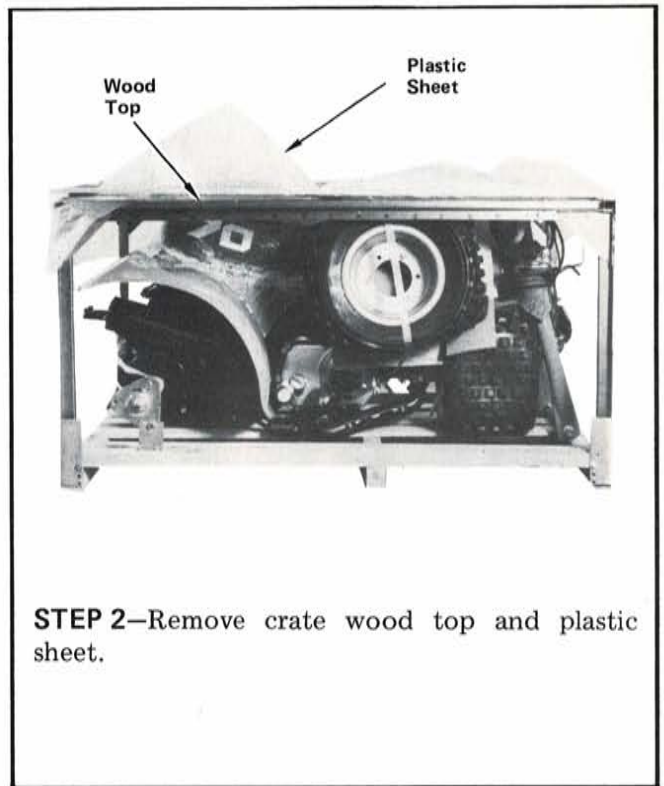
CAUTION: means hazards or unsafe practices which could cause minor personal injury or product or property damage.

NOTE: gives helpful information.

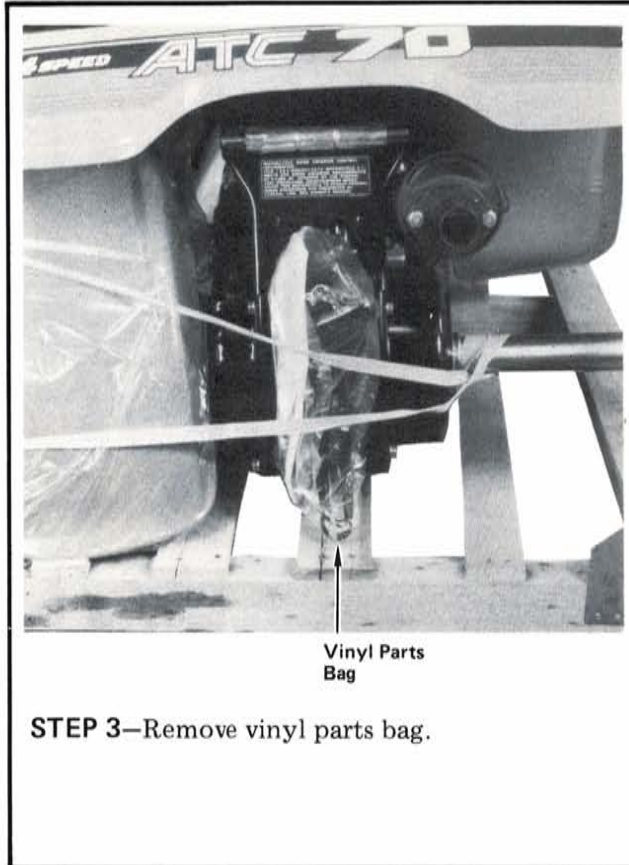
EARLY CRATING PRIOR TO FRAME NO. JH3TD030FC000011
(REFER TO PAGE 6 FOR LATE CRATING)



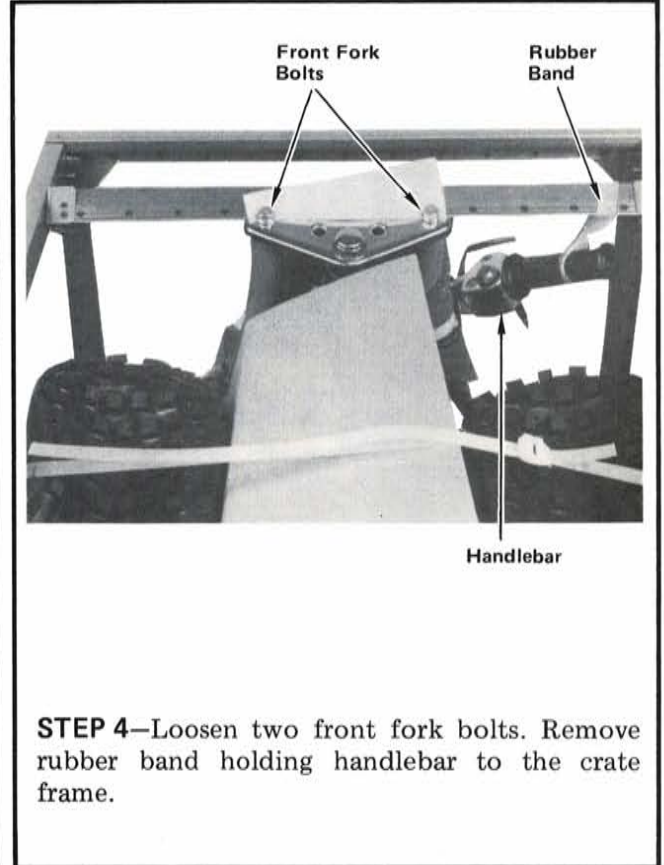
STEP 1—Cut straps and carefully lift off carton cover.



STEP 2—Remove crate wood top and plastic sheet.

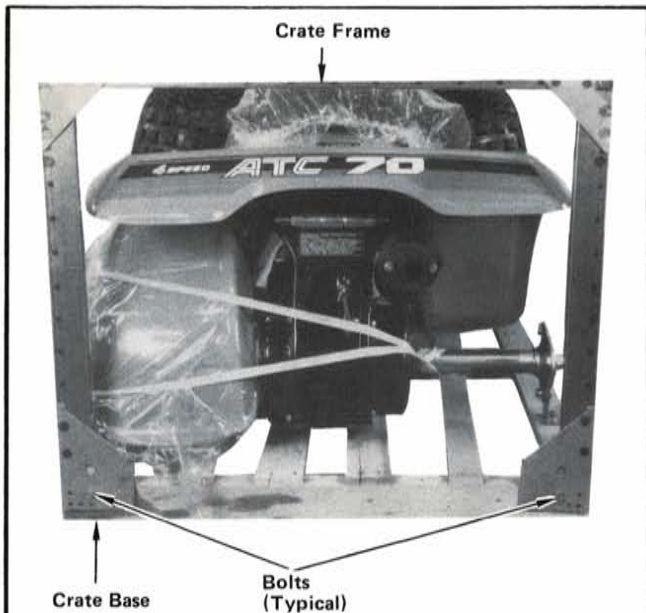


STEP 3—Remove vinyl parts bag.

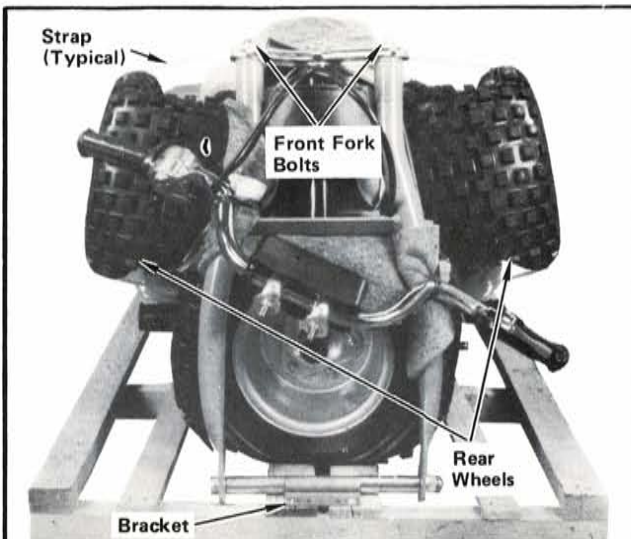


STEP 4—Loosen two front fork bolts. Remove rubber band holding handlebar to the crate frame.

**EARLY CRATING PRIOR TO FRAME NO. JH3TD030FC000011
(REFER TO PAGE 6 FOR LATE CRATING)**



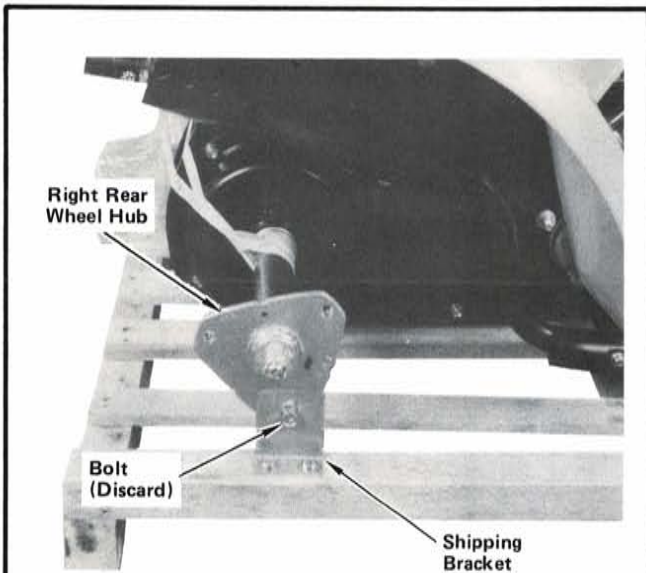
STEP 5—Remove four bolts (two on each end) attaching steel crate frame to crate base and carefully lift off frame.



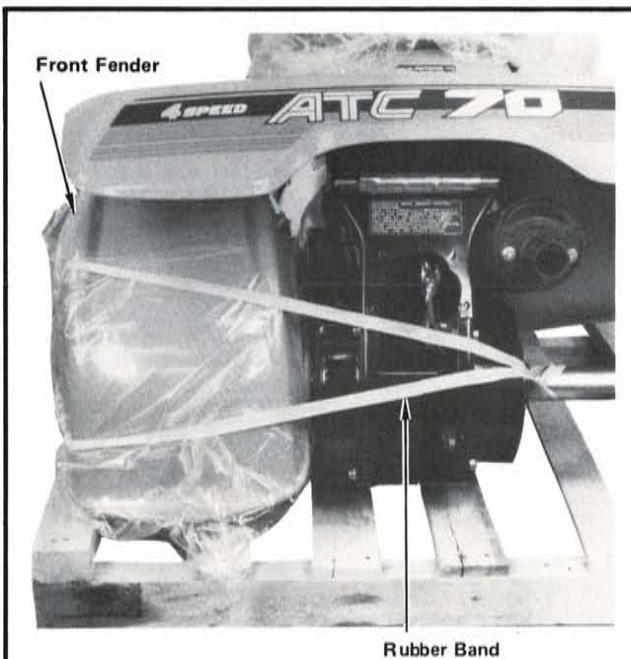
STEP 6—Cut strap holding rear wheels. Remove wheels. Retighten front fork bolts to specified torque.

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

Remove bolts attaching front axle shipping bracket to crate base. Discard bolts and bracket.

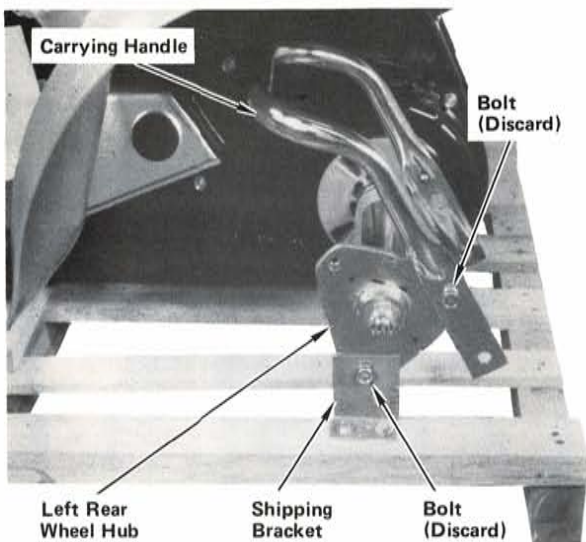


STEP 7—Remove bolt attaching right rear wheel hub to shipping bracket. Discard bolt.

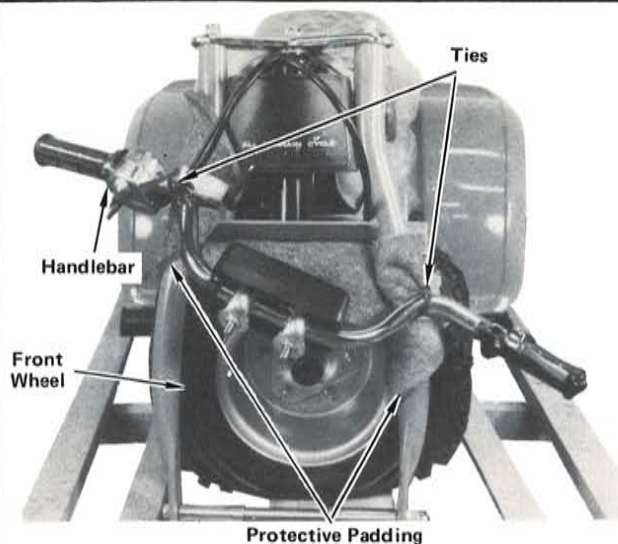


STEP 8—Remove front fender from under rear fender by removing rubber band.

**EARLY CRATING PRIOR TO FRAME NO. JH3TD030FC000011
(REFER TO PAGE 6 FOR LATE CRATING)**

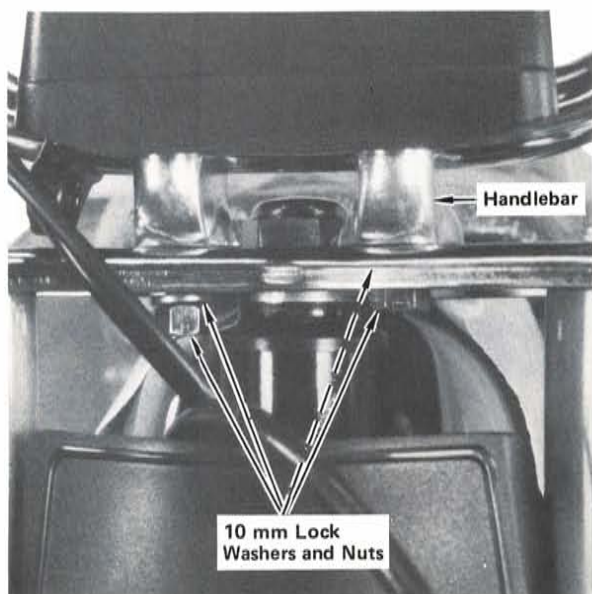


STEP 9—Remove bolt attaching carrying handle to wheel hub and remove carrying handle. Remove bolt attaching left rear wheel hub to shipping bracket. Discard bolts.



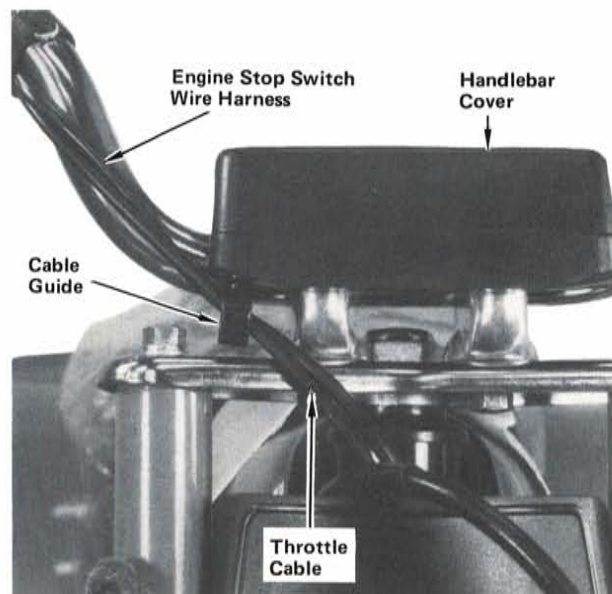
STEP 10—Remove ties holding handlebar to front fork legs. Remove protective padding from front forks. Remove front wheel from behind front forks.

NOTE: Do not let the handlebar hang from handlebar switch wires.



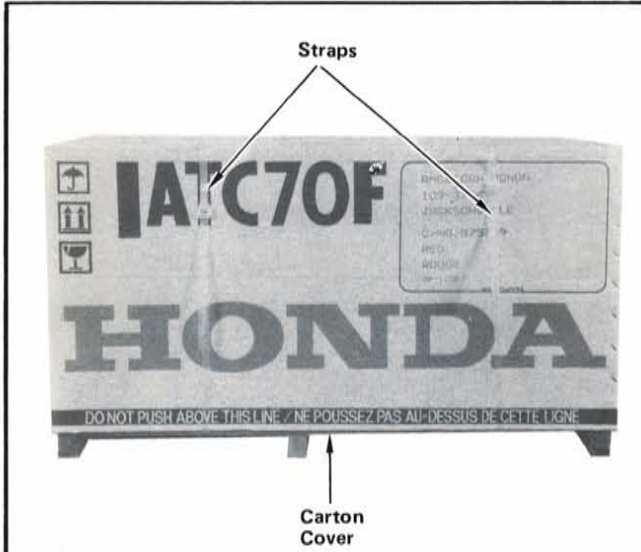
STEP 11—Install handlebar on upper fork bridge as shown using two 10 mm lock washers and nuts. Tighten nuts to specified torque.

Torque specification:
4.3 kg-m (31 lb-ft)

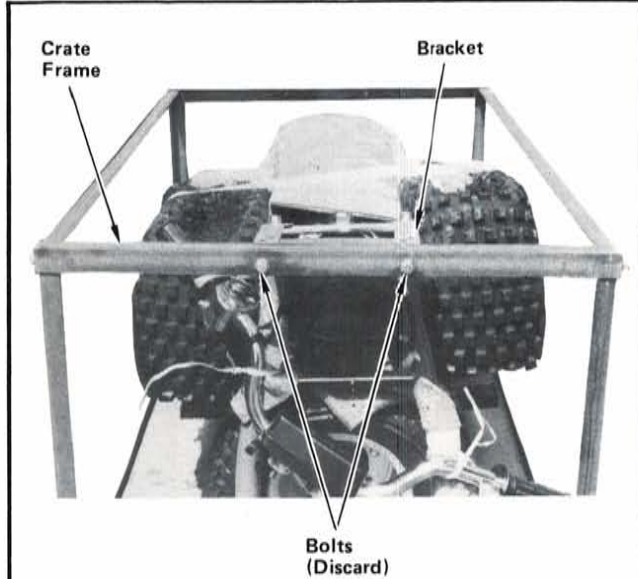


STEP 12—Route engine stop switch wire harness and throttle cable down through cable guide as shown. Tighten screw securely and push cable guide up to edge of handlebar cover.

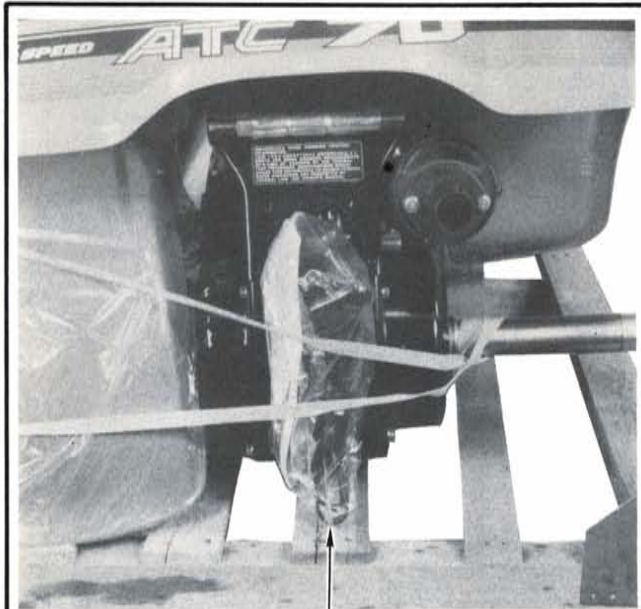
LATE CRATING—FRAME NO. JH3TD030FC000011 AND SUBSEQUENT
(REFER TO PAGE 3 FOR EARLY CRATING)



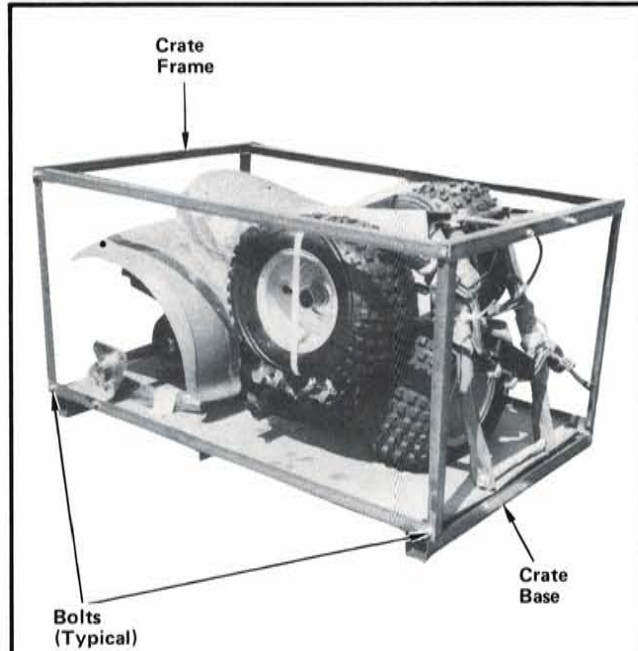
STEP 1—Cut straps and carefully lift off carton cover.



STEP 2—Remove two bolts attaching front shipping bracket to crate frame.

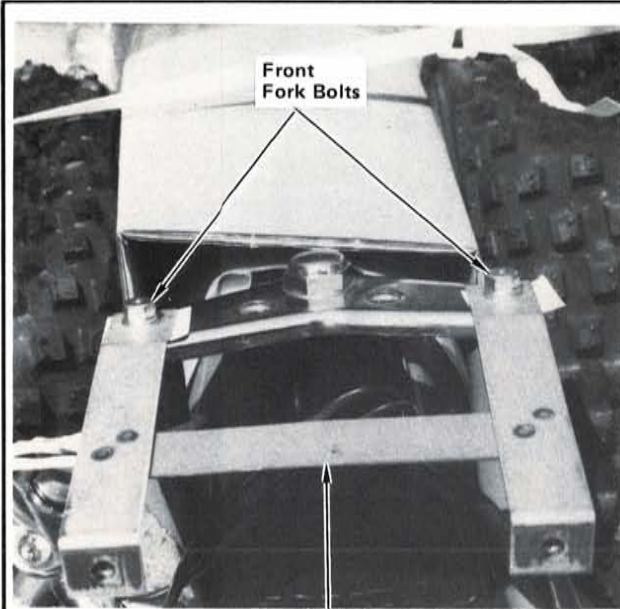


STEP 3—Remove vinyl parts bag.

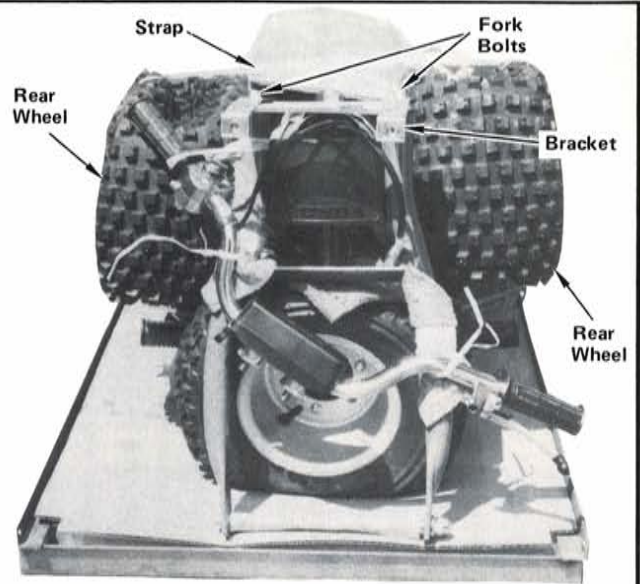


STEP 4—Remove four bolts (two on each side) attaching steel crate frame to crate base and carefully lift off frame.

LATE CRATING—FRAME NO. JH3TD030FC000011 AND SUBSEQUENT
(REFER TO PAGE 3 FOR EARLY CRATING)

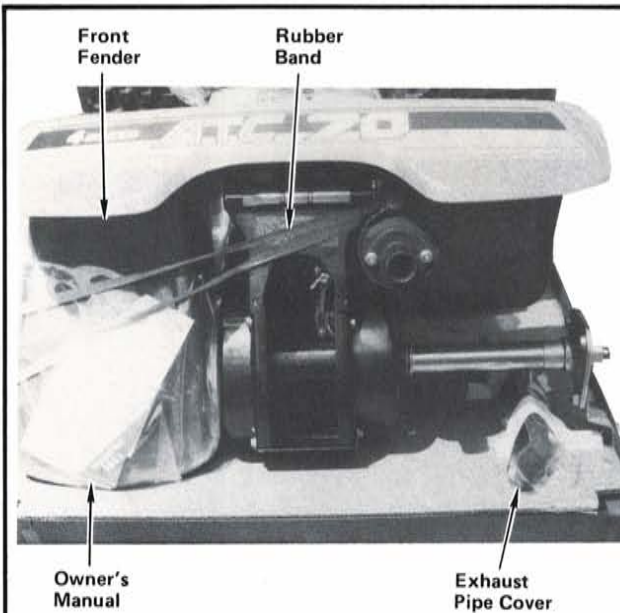


STEP 5—Loosen two front fork bolts.

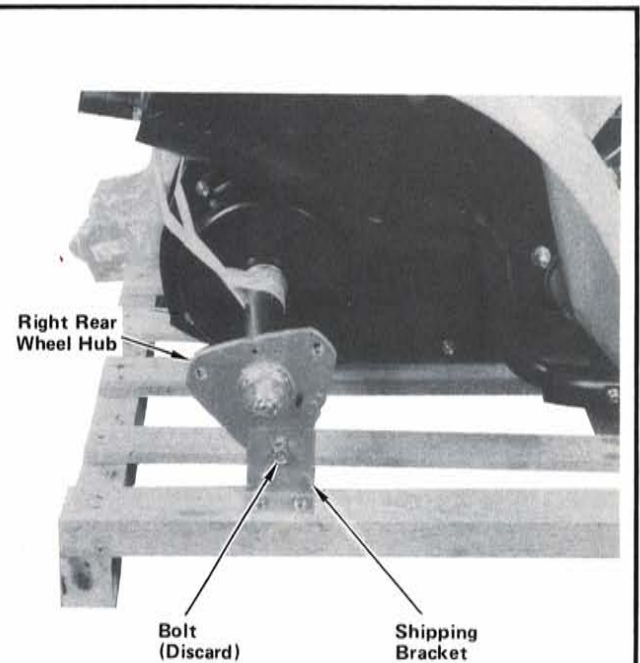


STEP 6—Cut strap holding rear wheels. Remove rear wheels. Remove front shipping bracket and tighten front fork bolts to specified torque.

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

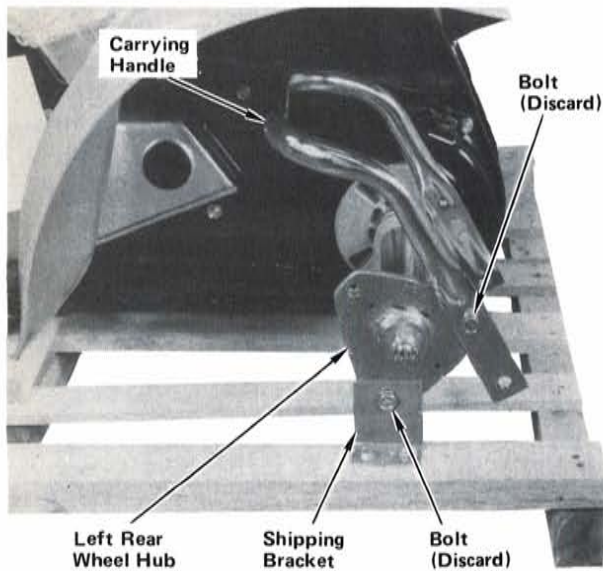


STEP 7—Remove front fender and owner's manual from under rear fender by removing rubber band. Remove exhaust pipe cover from crate base.

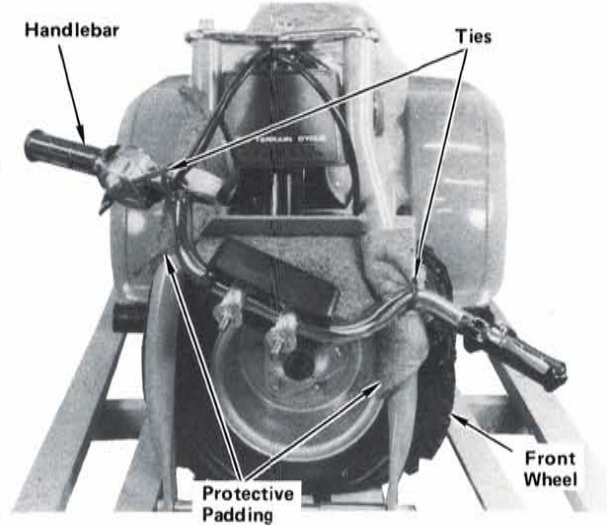


STEP 8—Remove bolt attaching right rear wheel hub to shipping bracket. Discard bolt.

LATE CRATING—FRAME NO. JH3TD030FC00011 AND SUBSEQUENT
(REFER TO PAGE 3 FOR EARLY CRATING)

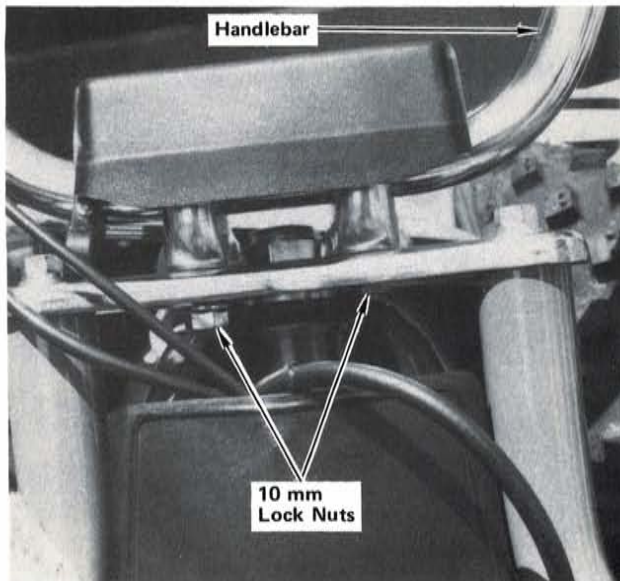


STEP 9—Remove bolt attaching carrying handle to wheel hub and remove carrying handle. Remove bolt attaching left rear wheel hub to shipping bracket. Discard bolts.



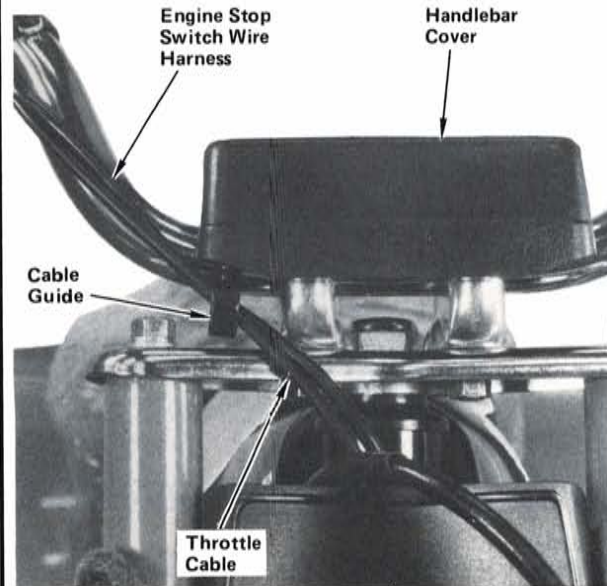
STEP 10—Remove ties and rubber band holding handlebar to front fork legs. Remove protective padding from front forks. Remove front wheel from behind front forks.

NOTE: Do not let the handlebar hang from handlebar switch wires.

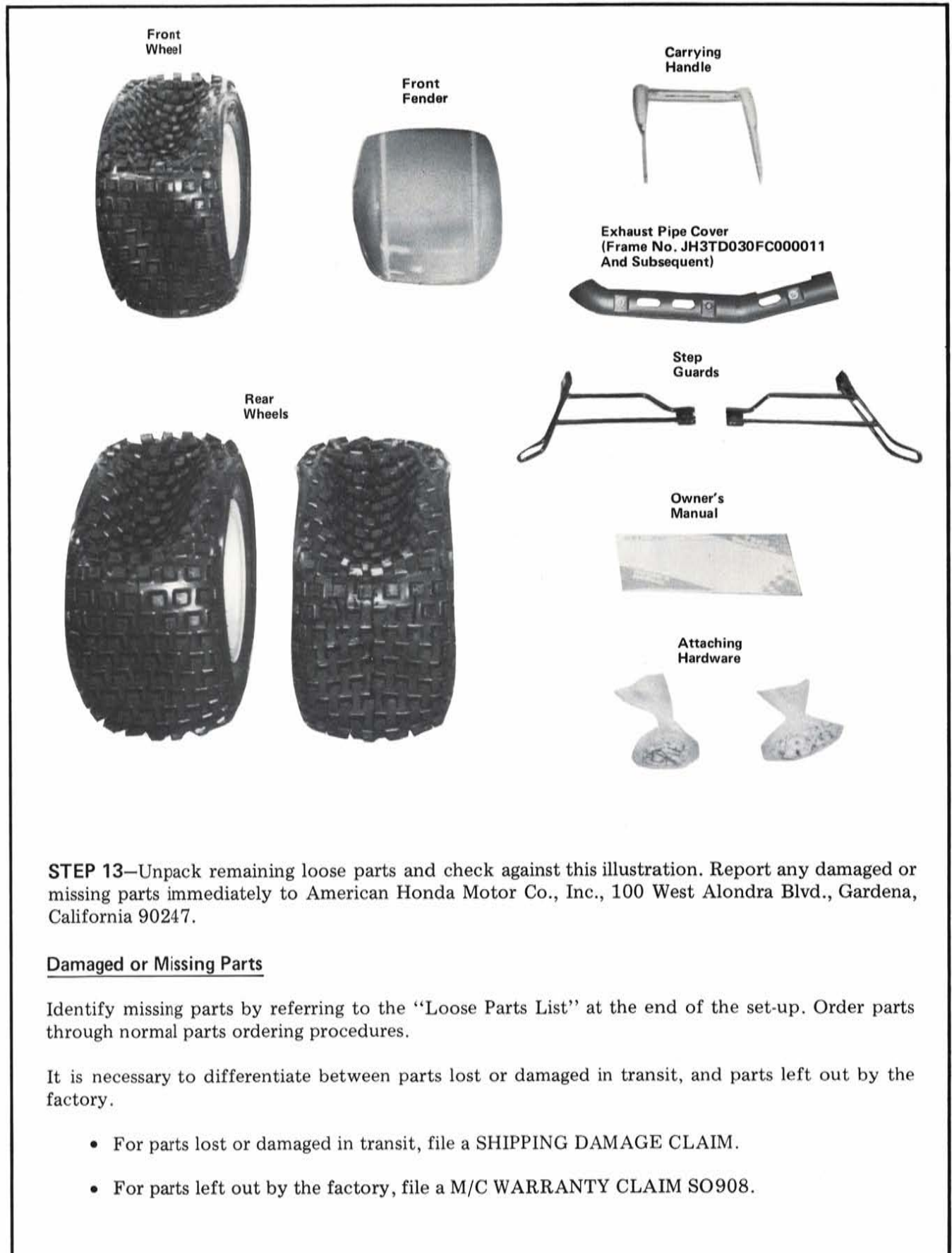


STEP 11—Install handlebar on upper fork bridge as shown using two 10 mm lock nuts. Tighten nuts to specified torque.

Torque specification:
4.3 kg-m (31 lb-ft)



STEP 12—Route engine stop switch wire harness and throttle cable down through cable guide as shown. Tighten screw securely and push cable guide up to edge of handlebar cover.



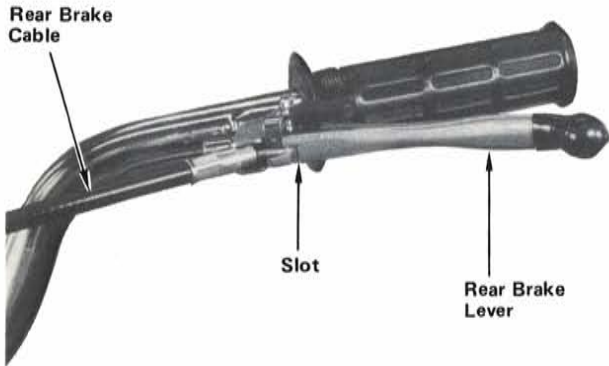
STEP 13—Unpack remaining loose parts and check against this illustration. Report any damaged or missing parts immediately to American Honda Motor Co., Inc., 100 West Alondra Blvd., Gardena, California 90247.

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.

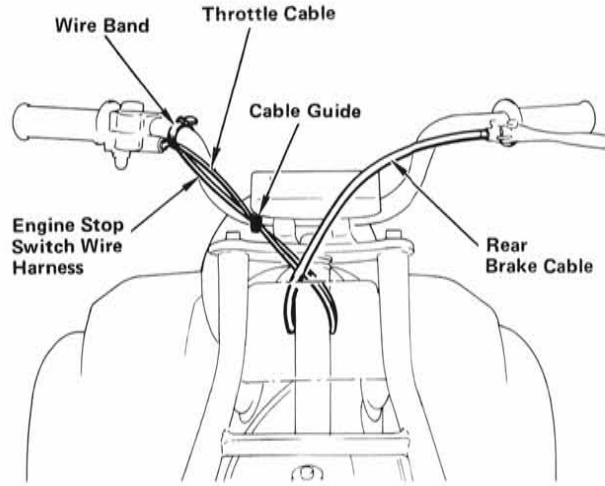
- For parts lost or damaged in transit, file a SHIPPING DAMAGE CLAIM.
- For parts left out by the factory, file a M/C WARRANTY CLAIM SO908.



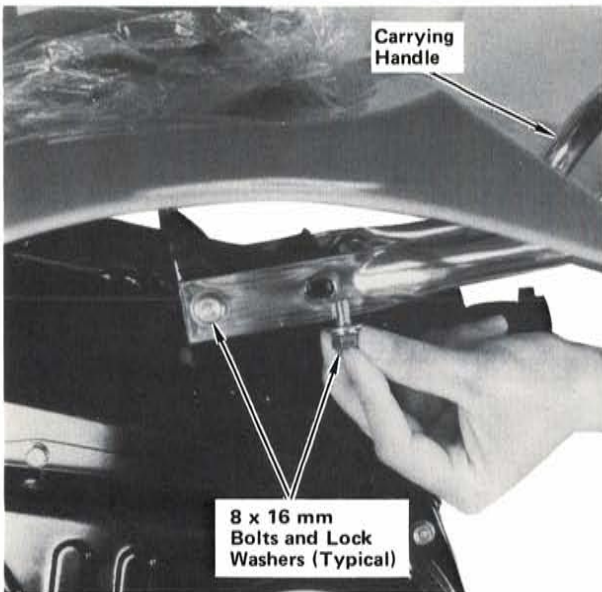
STEP 14—Route rear brake cable in front of throttle cable and insert end of rear brake cable into slot in brake lever. Pull cable back through slot in brake lever bracket.

CAUTION: Check that brake lever operates freely.

Adjust rear brake as described in Step 28.



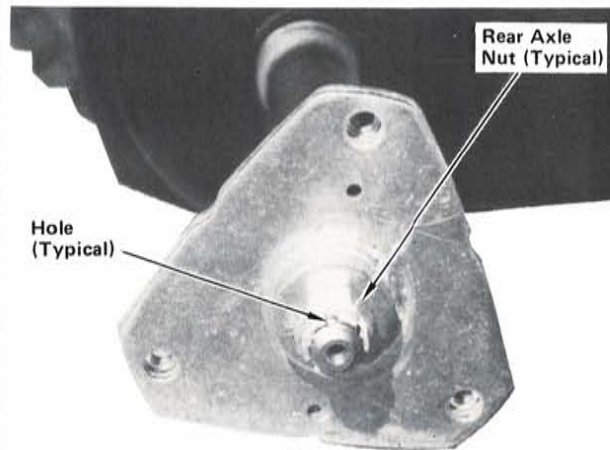
STEP 15—Check for proper routing of cables and wire harness as shown.



STEP 16—Install carrying handle on frame, with curved end up, using four 8 x 16 mm bolts and lock washers. Tighten bolts to specified torque.

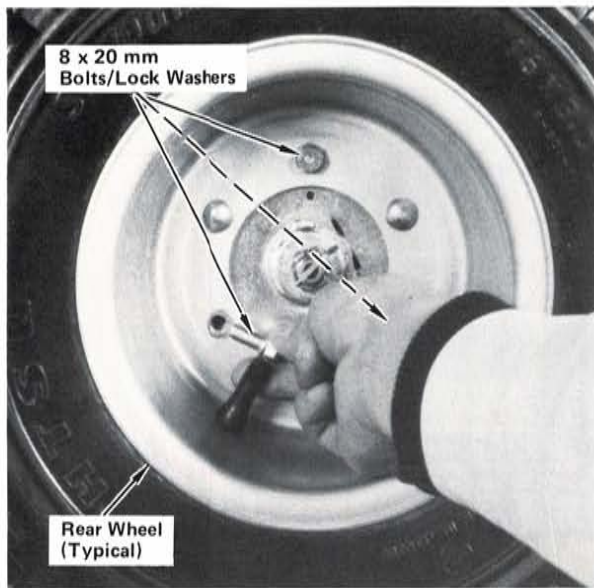
Torque specification:
2.2 kg-m (16 lb-ft)

**FRAME NO. JH3TD030FC000011
AND SUBSEQUENT**



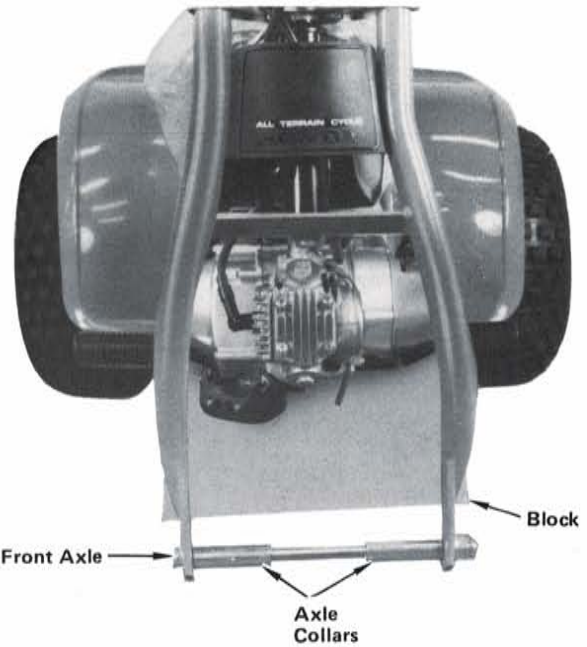
STEP 17—Tighten rear axle nuts to specified torque. Align holes and insert a cotter pin through holes in each nut and axle. Spread ends of cotter pins.

Torque specification:
7.5 kg-m (54 lb-ft)

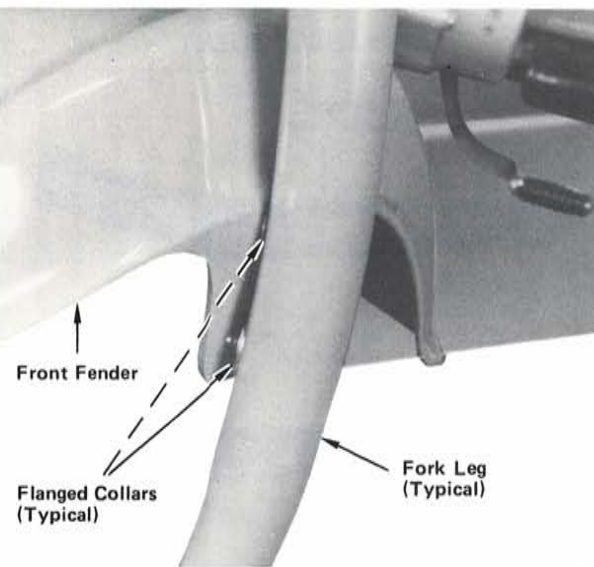


STEP 18—Inflate rear tires to 2.2 psi. Install rear wheels as shown using three 8 x 20 mm bolts/lock washers for each. Tighten bolts to specified torque.

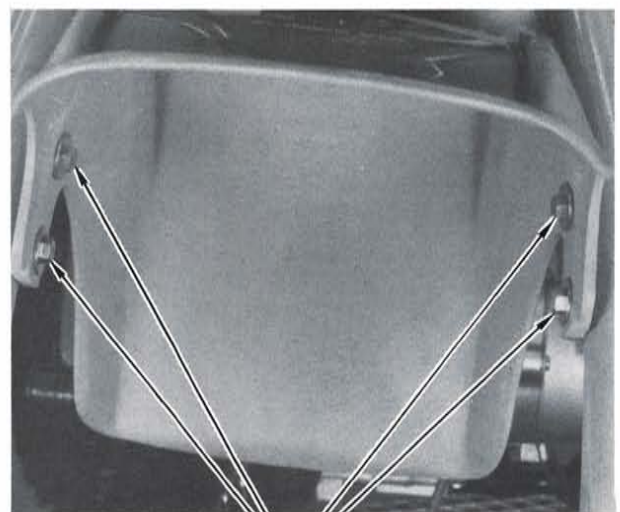
Torque specification:
2.2 kg-m (16 lb-ft)



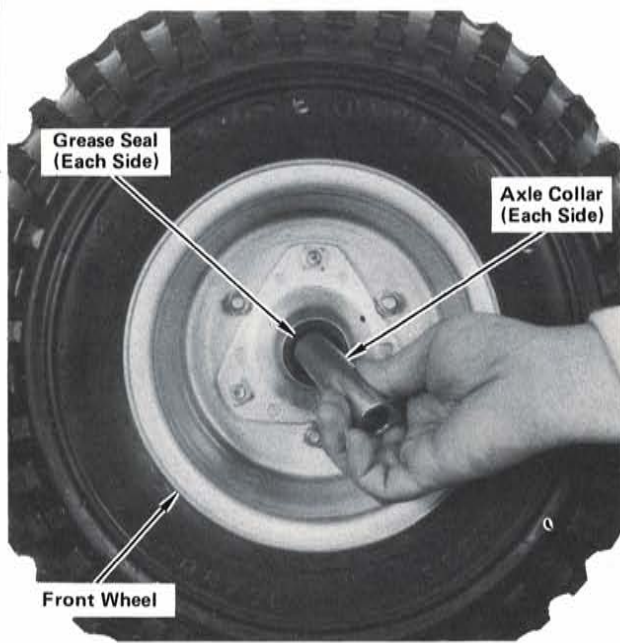
STEP 19—Remove and clean front axle and axle collars. Place a padded block under engine to raise front forks.



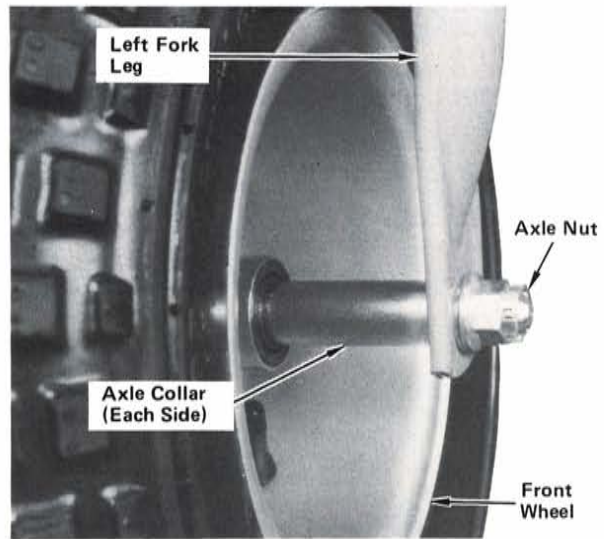
STEP 20—Position front fender between fork legs with short end forward. Position flanged collars between fork legs and front fender.



STEP 21—Install front fender using four 6 x 20 mm bolts and plain washers. Tighten bolts securely.

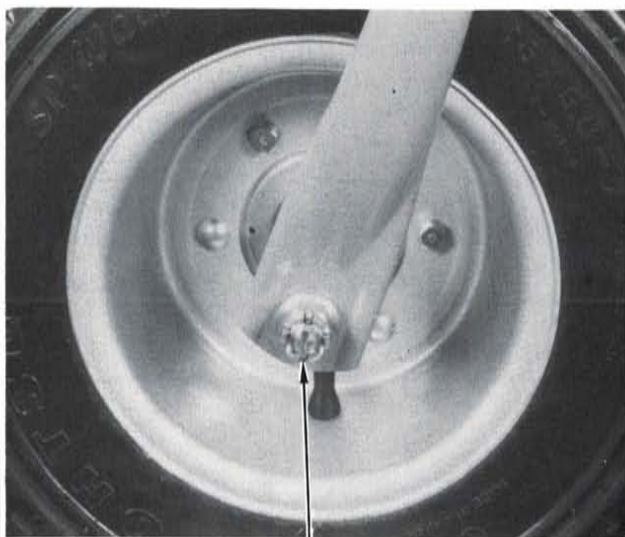


STEP 22—Insert an axle collar into front wheel grease seal on each side. Inflate front tire to 2.2 psi.



STEP 23—Position front wheel between fork legs with valve stem on left side. Insert axle from right side, through right fork leg, axle collar, wheel hub, axle collar, and left fork leg. Install axle nut and tighten nut to specified torque.

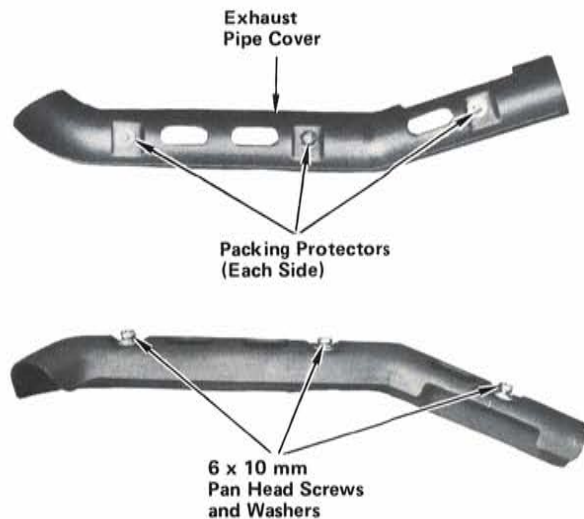
Torque specification:
7.5 kg-m (54 lb-ft)



Cotter Pin

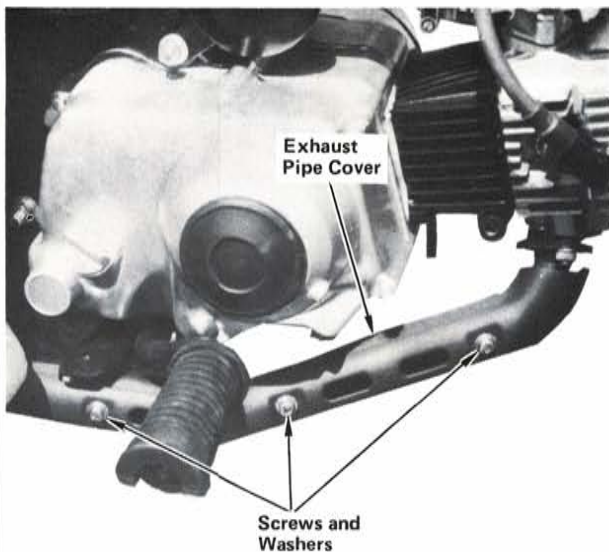
STEP 24—Insert cotter pin through slots in nut and hole in axle. Spread cotter pin ends as shown.

FRAME NO. JH3TD030FC000011 AND SUBSEQUENT

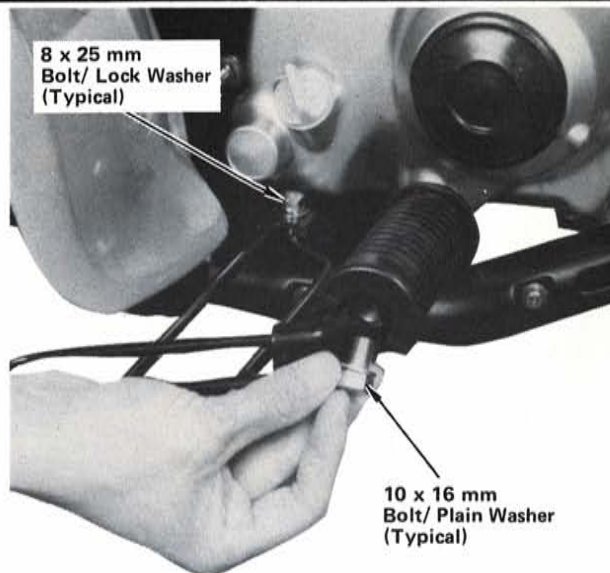


STEP 25—Position packing protectors on each side of holes in exhaust pipe cover and insert three 6 x 10 mm pan head screws and washers through these holes as shown.

FRAME NO. JH3TD030FC000011
AND SUBSEQUENT



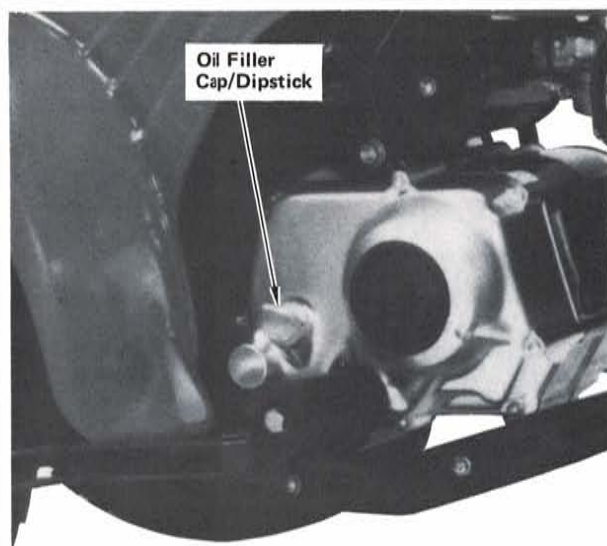
STEP 26—Install exhaust pipe cover as shown and tighten screws securely.



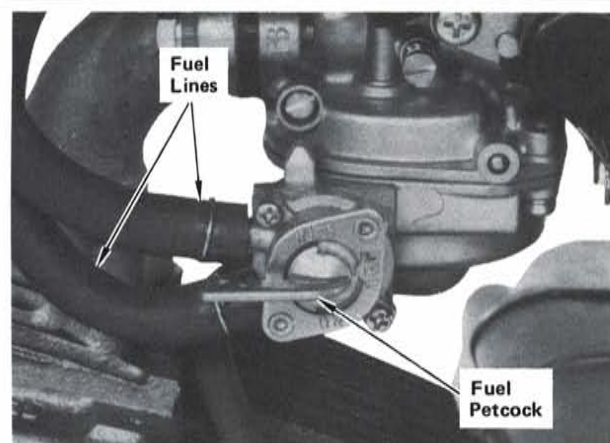
STEP 27—Install right and left step guards as shown using a 10 x 16 mm bolt/plain washer and an 8 x 25 mm bolt/lock washer for each. Tighten bolts to specified torque.

Torque specifications:

- 8 mm bolts: 2.2 kg-m (16 lb-ft)
- 10 mm bolts: 4.5 kb-m (32 lb-ft)



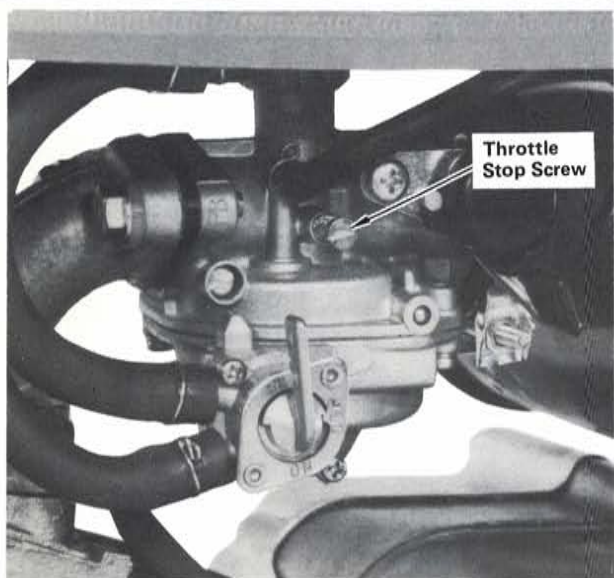
STEP 28—Remove oil filler cap/dipstick. Check engine oil level and if necessary add recommended oil as described in owner's manual or shop manual. Reinstall oil filler cap/dipstick.



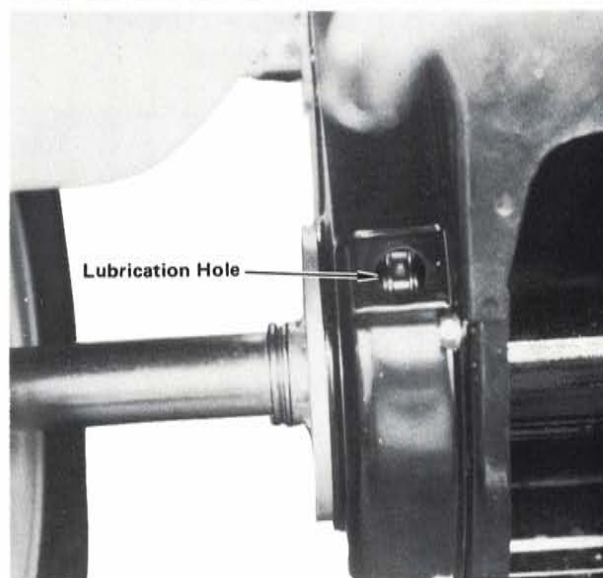
STEP 29—Inspect fuel tank. If necessary, drain and flush fuel tank by removing fuel lines. Reconnect fuel lines, fill tank, turn on fuel petcock and check for leaks. Drain residual fuel from carburetor.

WARNING

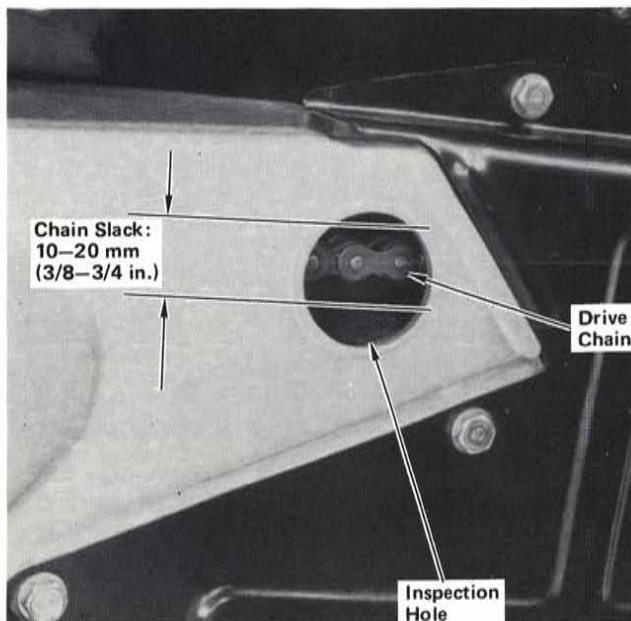
Fuel must be drained into a proper container. Gasoline is flammable and explosive under certain conditions. Do not smoke or allow flames or sparks near while draining fuel.



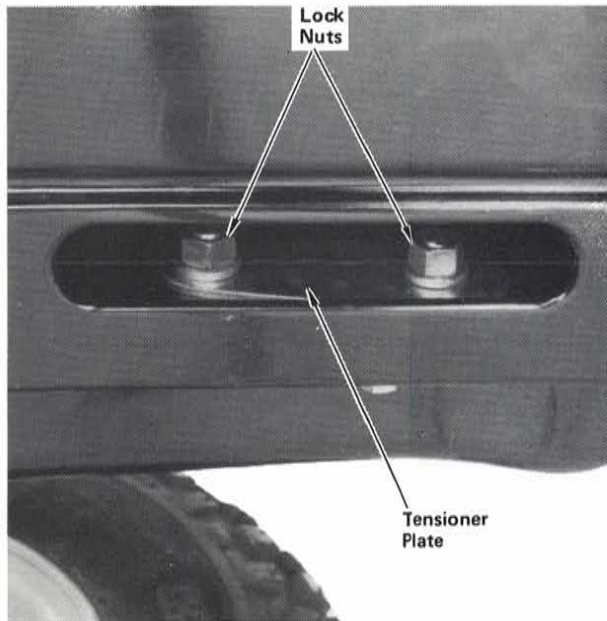
STEP 30—Adjust carburetor air screw, idle speed, and throttle free play as described in owner's manual or shop manual. Refer to owner's manual for use of speed limiter screw.

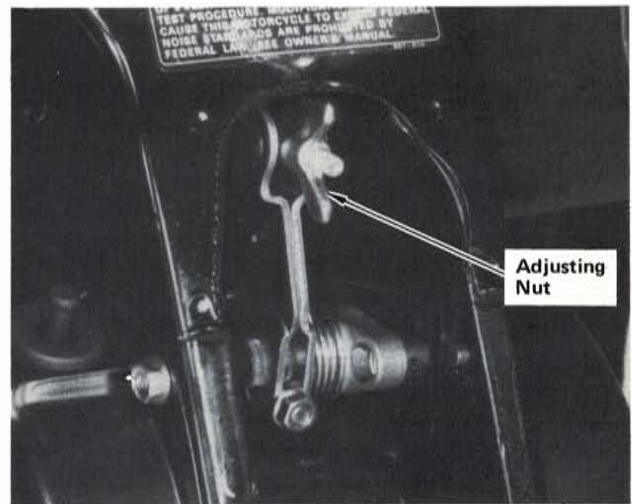
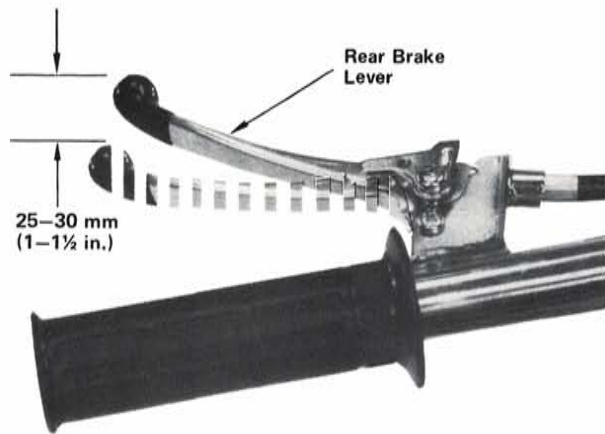


STEP 31—Remove lubrication hole cover and lubricate drive chain using a commercially prepared chain lubricant. Reinstall hole cover.

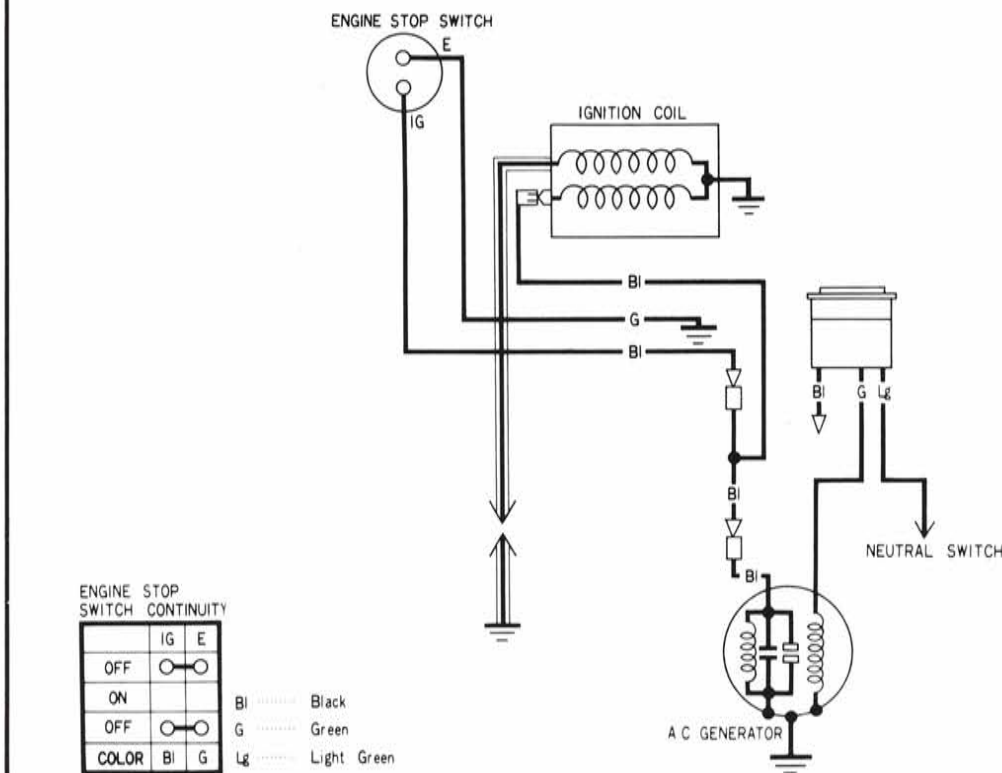


STEP 32—Remove drive chain inspection hole cover and check for a drive chain slack of 10–20 mm (3/8–3/4 in.). If necessary, adjust drive chain slack as follows. Stop engine and position vehicle to obtain access to chain tensioner plate through hole in skid plate. Loosen the two lock nuts and move tensioner plate to obtain correct chain slack. Tighten bolt lock nuts securely. Reinstall inspection hole cover.





STEP 33—Place a block under ATC. Spin rear wheels by hand and measure free play of rear brake lever before brake starts to engage. Free play, measured at tip of rear brake lever, should be between 25–30 mm (1–1½ in.). Use adjusting nut on brake operating rod at rear of ATC to make adjustment. Remove block from under ATC.



TORQUE TABLE

ITEM	SIZE	TORQUE
Front fork bolts	-----	4.5 kg-m (32 lb-ft)
Handlebar nuts	10 mm	4.3 kg-m (31 lb-ft)
Carrying handle bolts	8 x 16 mm	2.2 kg-m (16 lb-ft)
Rear wheel bolts	8 x 20 mm	2.2 kg-m (16 lb-ft)
Front axle nut	-----	7.5 kg-m (54 lb-ft)
Step guard bolts	8 x 25 mm	2.2 kg-m (16 lb-ft)
	10 x 16 mm	4.5 kg-m (32 lb-ft)
Rear axle nuts	-----	7.5 kg-m (54 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

- | | |
|--|--|
| <input type="checkbox"/> Adjust rear brake, check cable routing and check operation. | <input type="checkbox"/> Check security of all nuts, bolts, and other fasteners. |
| <input type="checkbox"/> Fill crankcase with recommended oil. | <input type="checkbox"/> Check to ensure that all applicable recall and product update campaigns are complied with. |
| <input type="checkbox"/> Inspect fuel tank, drain and flush, if necessary. | <input type="checkbox"/> TEST RIDE: Check performance, handling, and operation. |
| <input type="checkbox"/> Drain residual fuel from carburetor. | <ul style="list-style-type: none"> • Transmission and clutch: Ease of shifting, clutch operation, etc. • Acceleration: Smoothness, etc. • Cruising: Smoothness, etc. • Handling: Stability and cornering. • Brake: Smoothness and stopping power. • Idling: Smoothness, throttle response, return to idle. • Recheck idle speed after 10 minutes of stop and go operation. • Upon completion of test ride, check for fuel and oil leaks. |
| <input type="checkbox"/> Check air cleaner. Clean and oil if necessary. | |
| <input type="checkbox"/> Fill fuel tank, turn on petcock and check for leaks. | |
| <input type="checkbox"/> Adjust carburetor. | |
| <input type="checkbox"/> Check throttle lever free play, cable routing, and operation in all steering positions. | |
| <input type="checkbox"/> Adjust and lubricate drive chain, if necessary. | |
| <input type="checkbox"/> Check tire pressure. | |
| <input type="checkbox"/> Inspect electrical component for proper operation. | |
| <ul style="list-style-type: none"> • Engine stop switch. | |

LOOSE PARTS

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

PART NAME	QTY	H/C	PART NUMBER
Exhaust pipe cover (Late crate)	1	1506633	18271-957-000
Packing protector (Late crate)	6	0694703	18293-422-000
Screw/washer, 6 x 10 mm (Late crate)	3	0843607	93891-06010-08
Washer, lock, 10 mm (Early crate)	2	0330928	94111-10800
Nut, hex head, 10 mm	2	0341370	94001-10080-0S
Step guard, right	1	0673954	50620-957-000
Step guard, left	1	0673962	50630-957-000
Bolt-washer, 10 x 16 mm	2	0674895	93492-10016-08
Bolt-washer, 8 x 25 mm	2	0674911	93493-08025-08
Front fender, R-109 passion red	1	-----	61100-957-670
Bolt, hex head, 6 x 20 mm	4	0442103	92000-06020-0H
Collar, front fender	4	1672393	90002-957-000
Washer, plain, front fender	4	0629824	94103-06800
Pin, cotter, 3 x 25 mm, axle nuts	3	0058420	94201-30250
Carrying handle	1	0674119	81200-957-000
Bolt-washer, 8 x 16 mm	4	0674903	93493-08016-08
Bolt-washer, 8 x 20 mm	6	0674887	93492-08020-00
Front wheel	1	-----	-----
Rear wheel	2	-----	-----
Owner's manual	1	1813724	31957620

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READ THIS READ THIS READ THIS

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.

READ THIS READ THIS READ THIS

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