

Set-up Instructions

1978 Model ATC70



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

WARNING

WARNING

WARNING

WARNING

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



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

Date of Issue: 12/77

© American Honda Motor Co., Inc. 1977

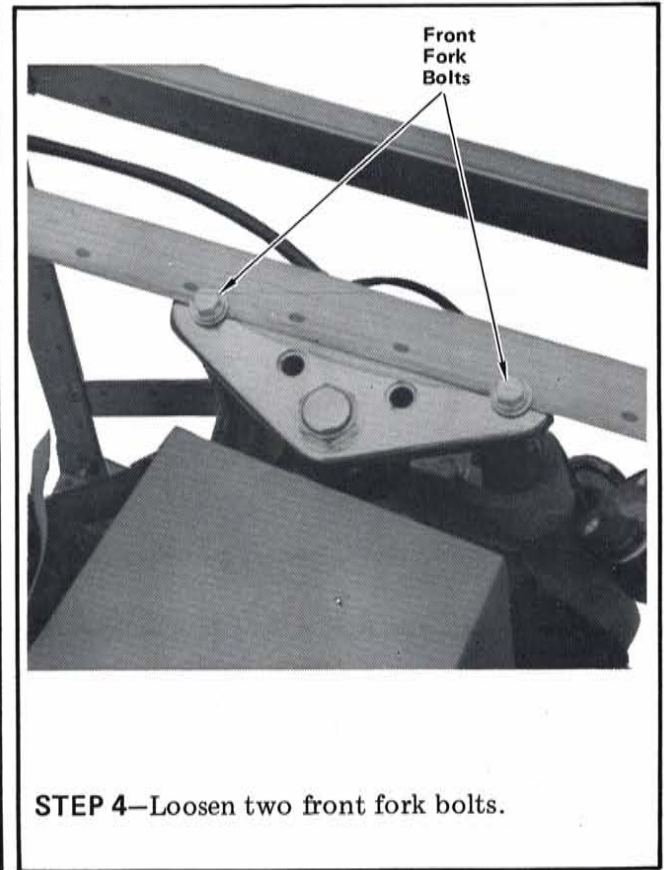
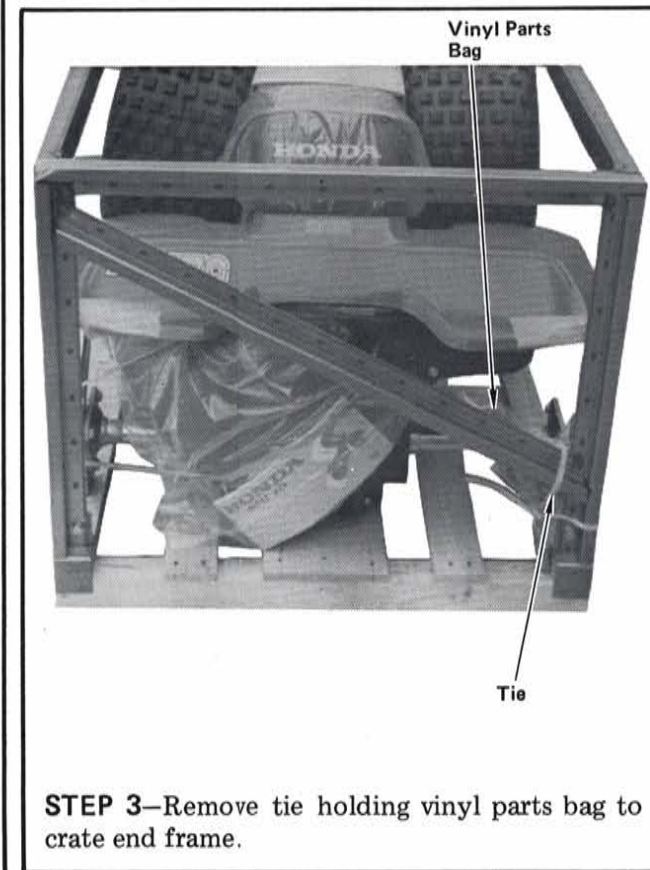
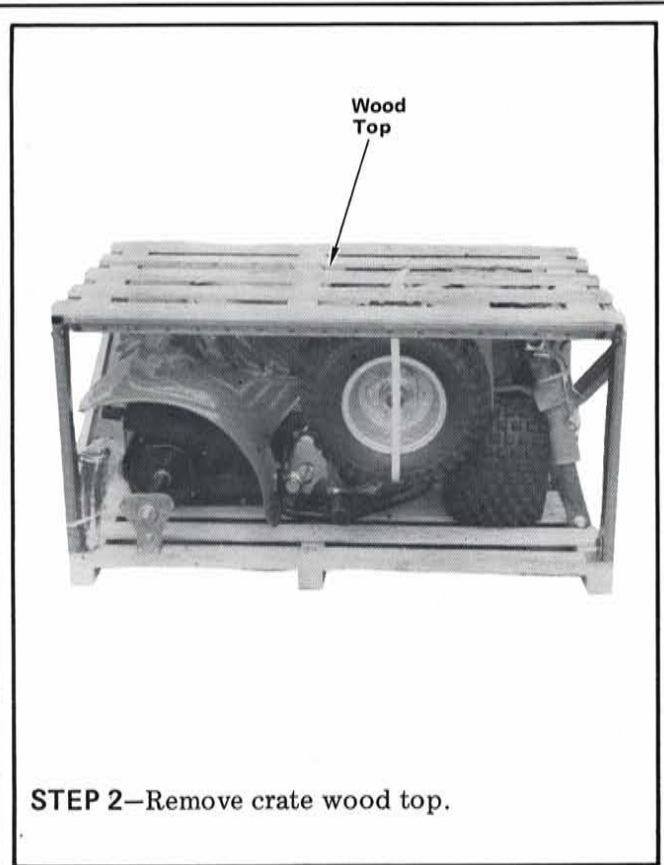
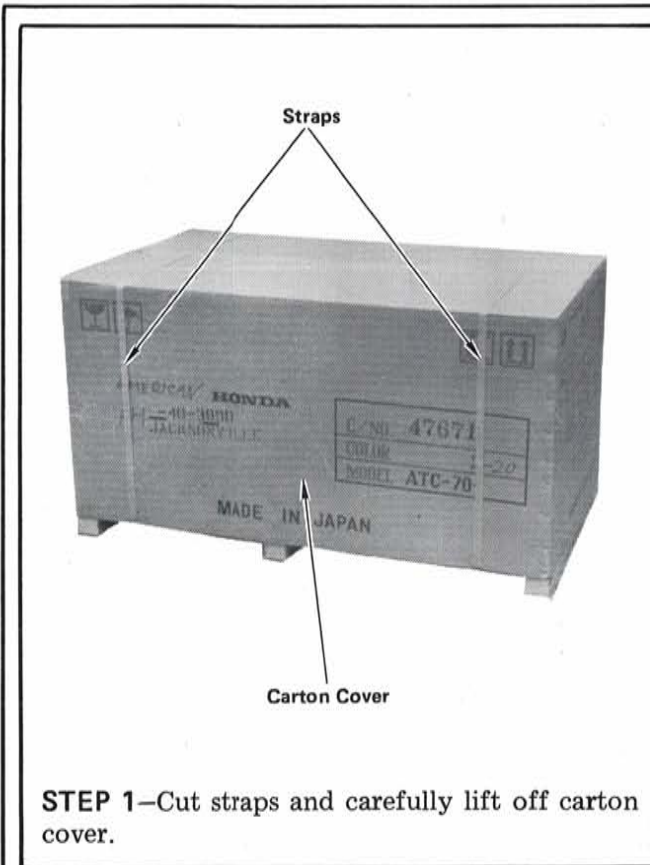
1 of 13

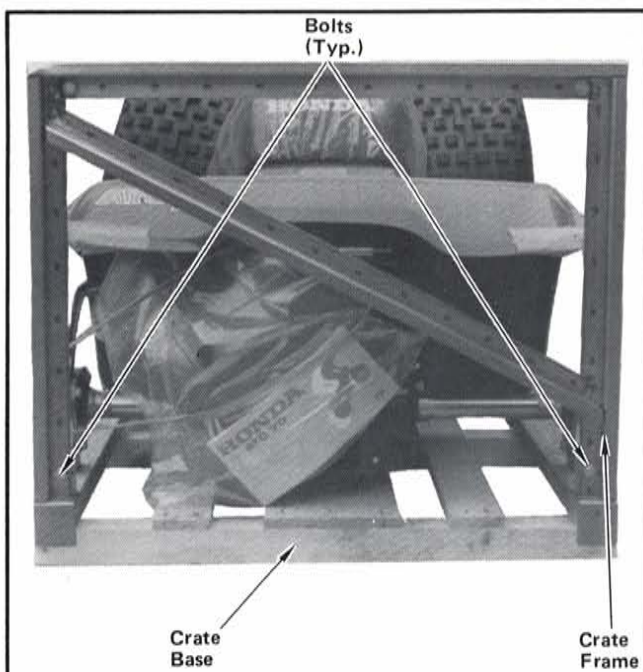
SET-UP INSTRUCTION REVISED PAGES

| Pages Affected | Orig. Issue Date | Rev. Date |
|----------------|------------------|-----------|
| 1 through 13 | 12/77 | Original |

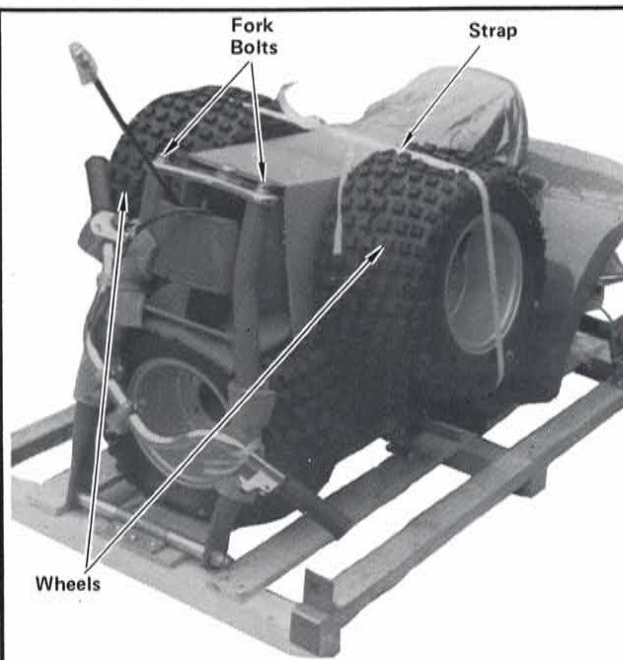
Remove and destroy superseded pages.

12/77



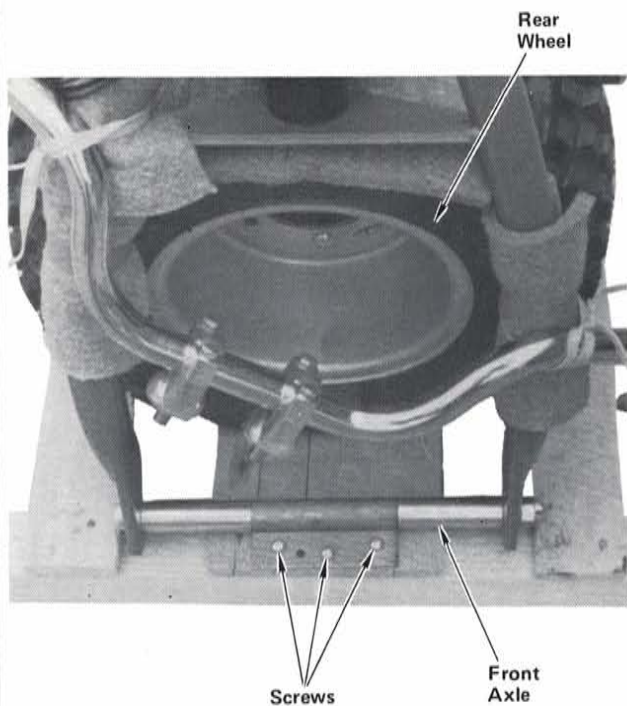


STEP 5—Remove four bolts (two on each end) attaching steel crate frame to crate base and carefully lift off crate frame.

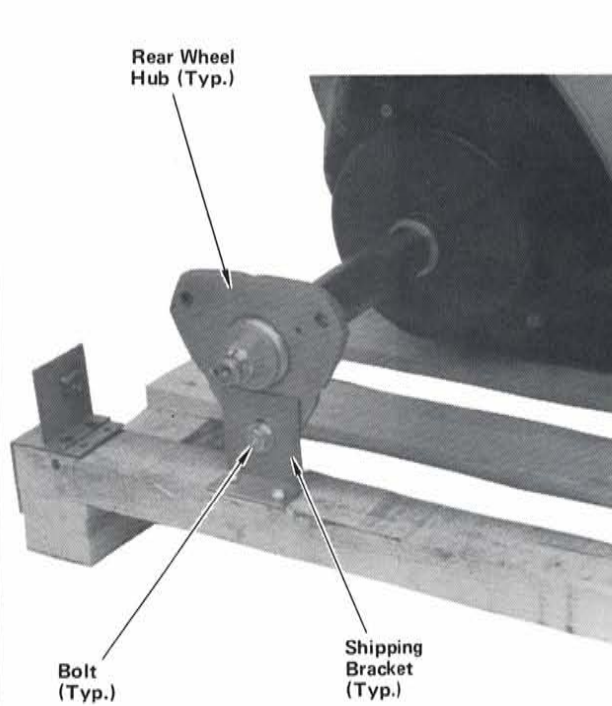


STEP 6—Cut strap holding front and rear wheels. Remove wheels. Retighten front fork bolts to specified torque.

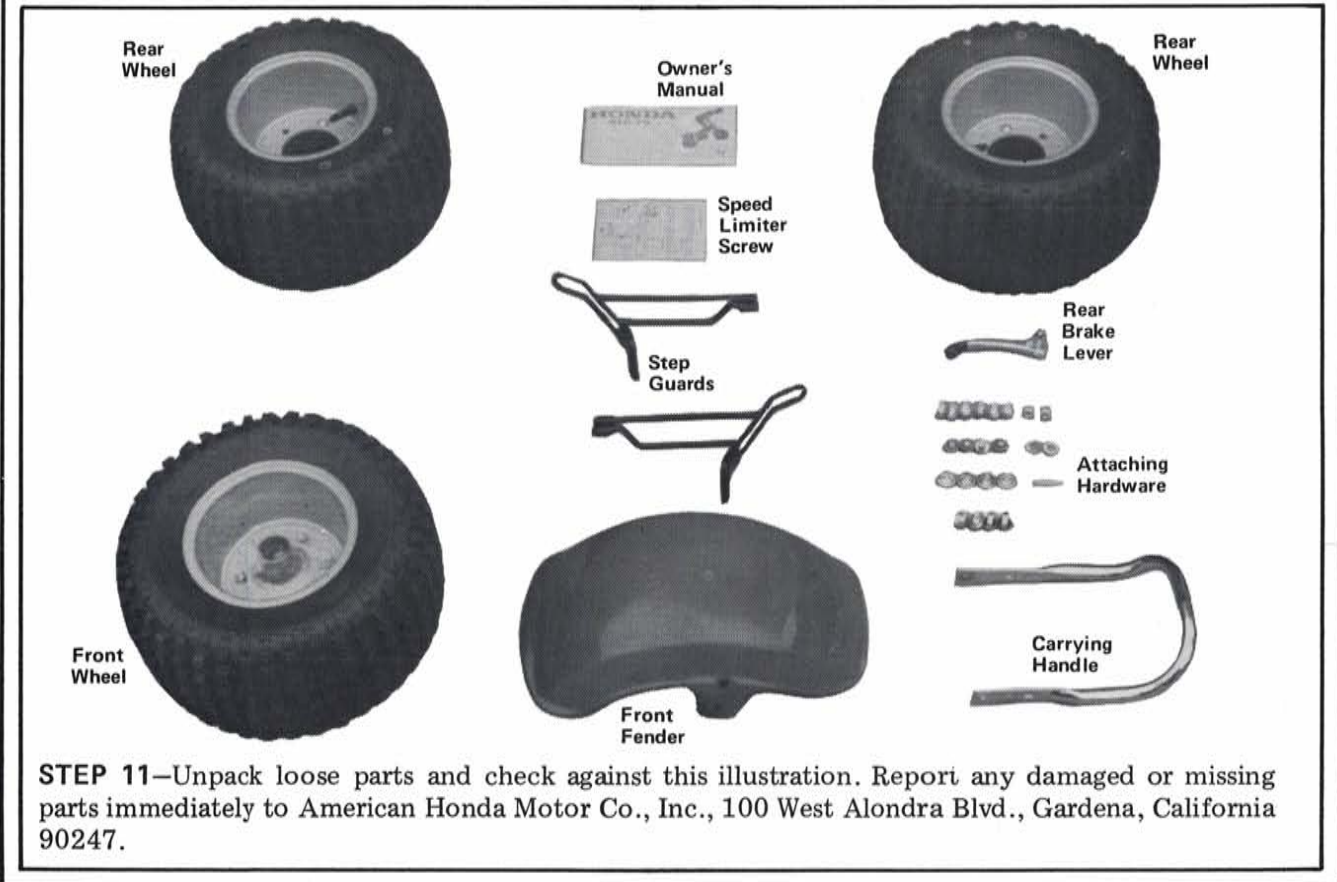
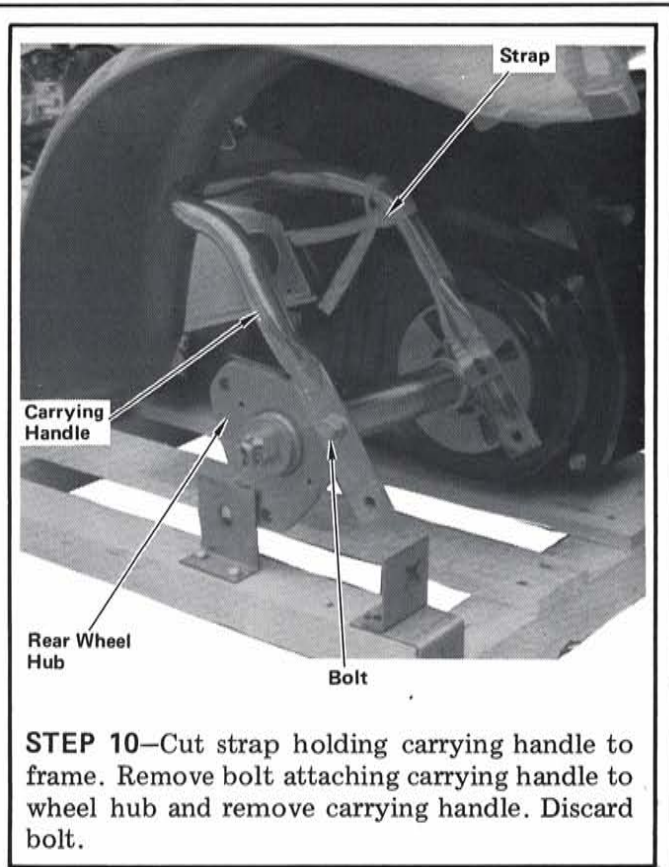
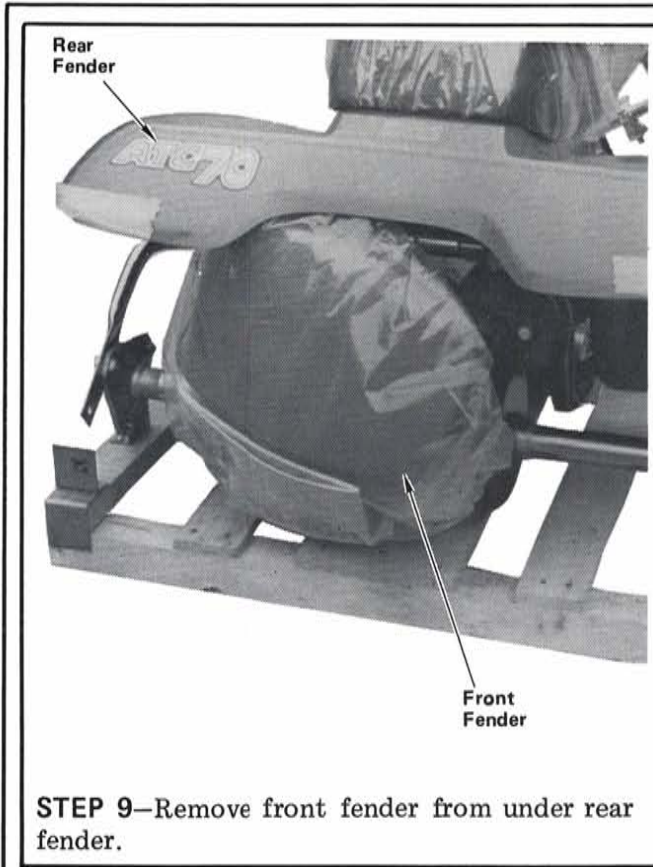
Torque specification:
4–5 kg-m (29–35 lbs-ft)

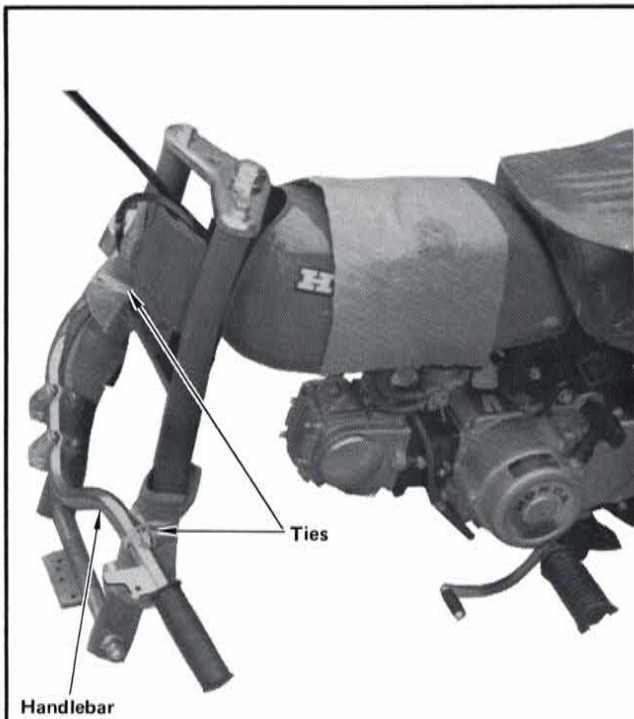


STEP 7—Remove three screws attaching front axle to crate base. Discard screws. Remove rear wheel from behind front forks.

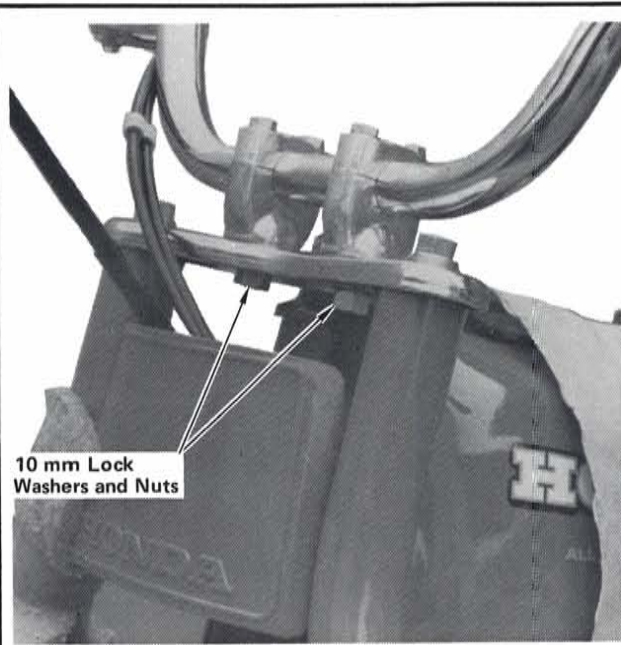


STEP 8—Remove two bolts (one on each side) attaching rear wheel hubs to lower shipping brackets. Discard bolts.



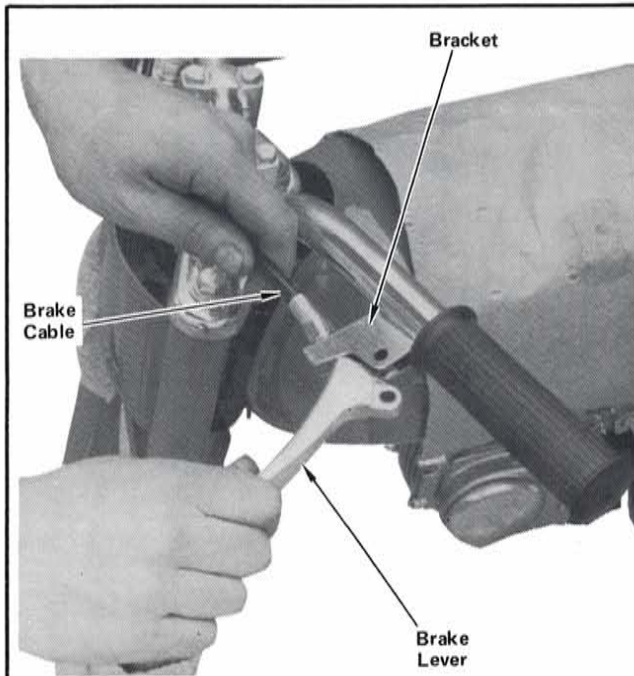


STEP 12—Remove ties holding handlebar to front fork legs.

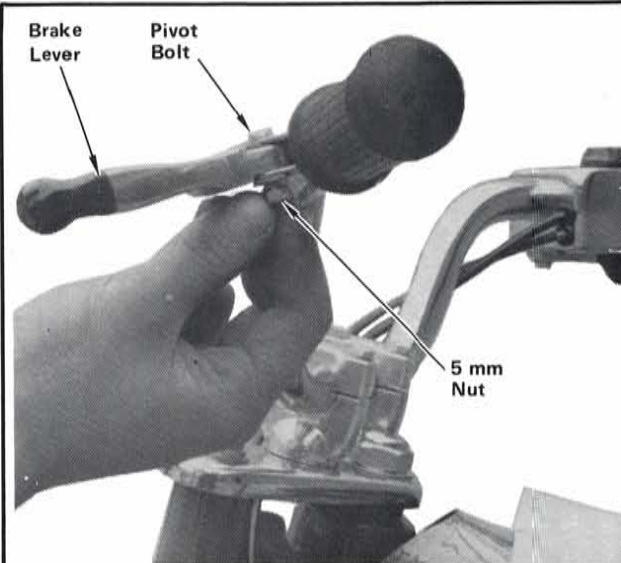


STEP 13—Install handlebar on upper fork bridge as shown using two 10 mm lock washers and nuts. Tighten nuts to specified torque.

Torque specification:
 4–5 kg-m (29–35 lbs-ft)



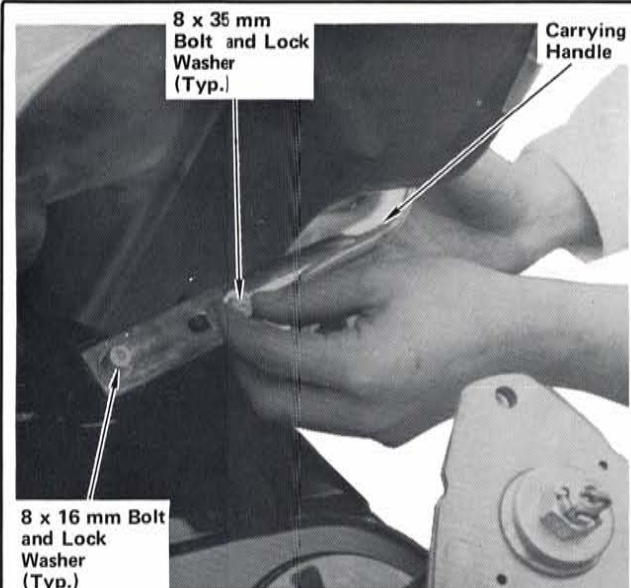
STEP 14—Route brake cable in front of throttle cable and insert end of rear brake cable into slot in brake lever. Pull cable back through slot in brake lever bracket.



STEP 15—Install rear brake lever on bracket using a brake lever pivot bolt and 5 mm nut. Tighten nut securely.

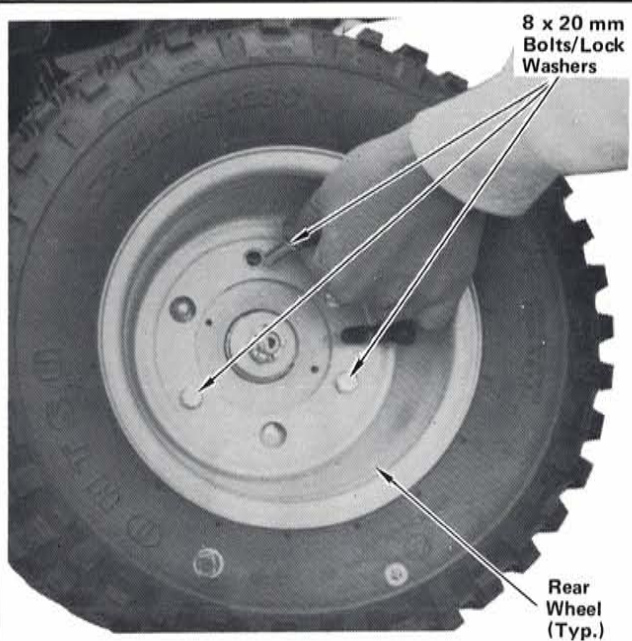
CAUTION: Check that brake lever operates freely.

Adjust rear brake as described in owner's manual or shop manual.



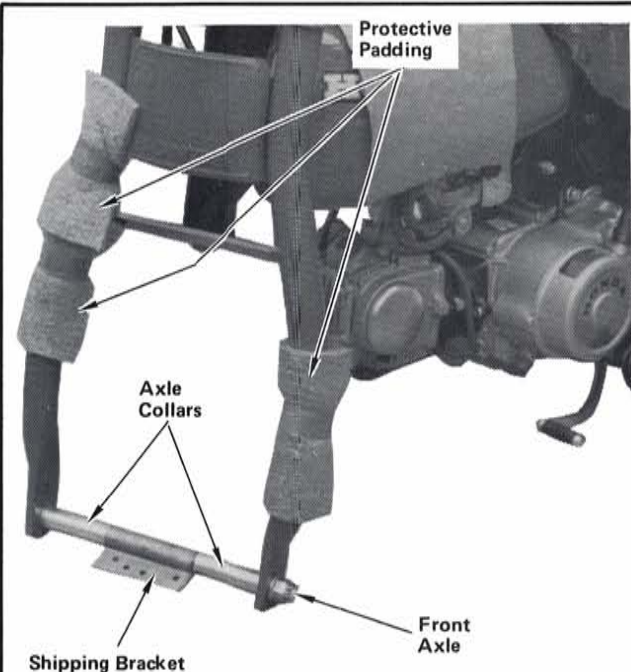
STEP 16—Install carrying handle on frame, with curved end up, using two 8 x 16 mm bolts and lock washers through front holes, and two 8 x 35 mm bolts and lock washers through rear holes. Tighten bolts to specified torque.

Torque specification:
2–2.4 kg-m (15–17 lbs-ft)

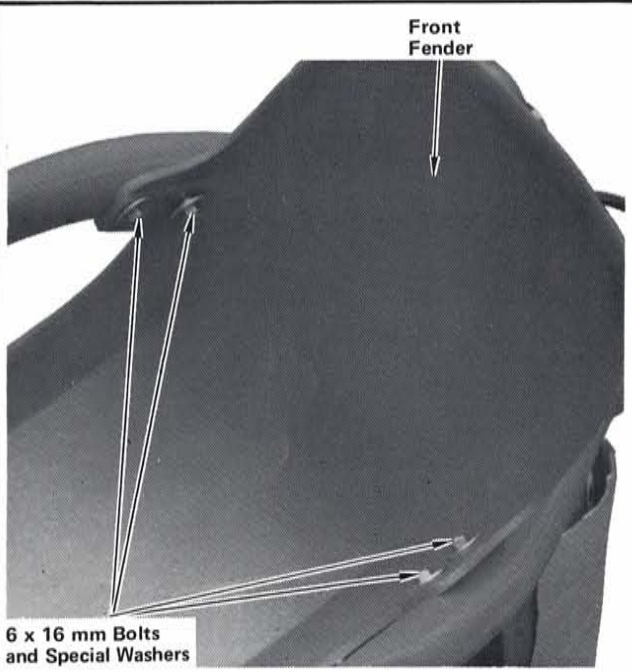


STEP 17—Install rear wheels as shown using three 8 x 20 mm bolts/lock washers for each. Tighten bolts to specified torque.

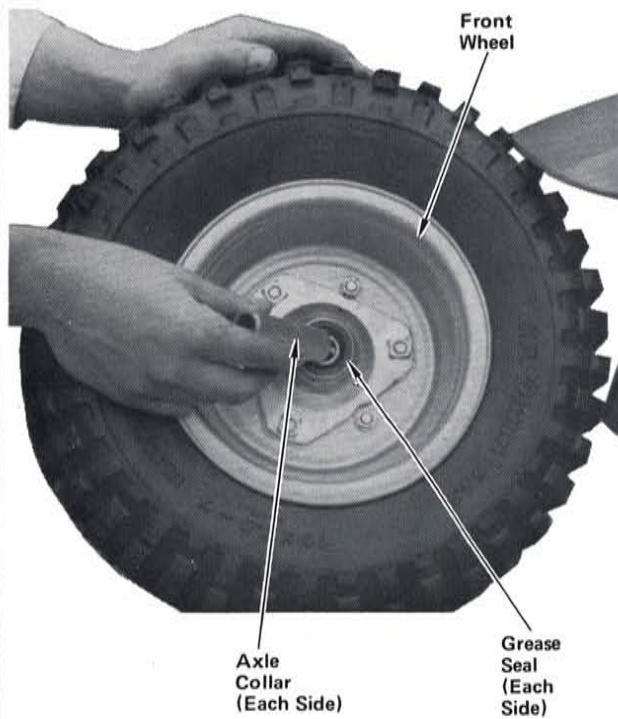
Torque specification:
2–2.4 kg-m (15–17 lbs-ft)



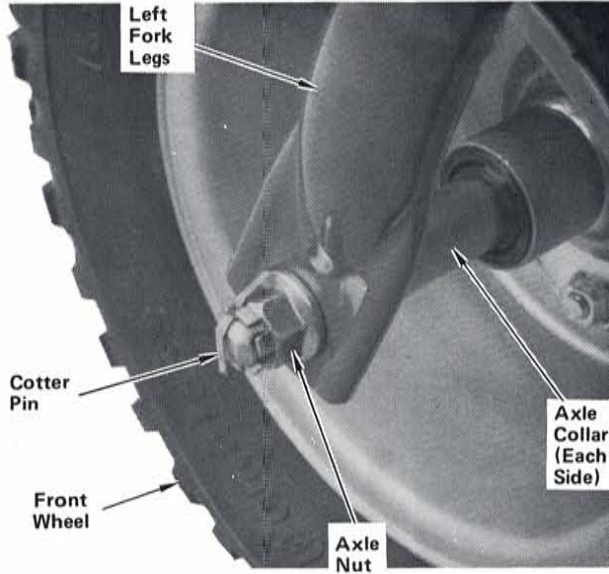
STEP 18—Remove all protective padding from front forks. Remove and clean front axle and axle collars. Discard shipping bracket. Place a padded block under engine so front forks are raised.



STEP 19—Position front fender between fork legs with short end forward. Install front fender using four 6 x 16 mm bolts and special washers. Tighten bolts securely.

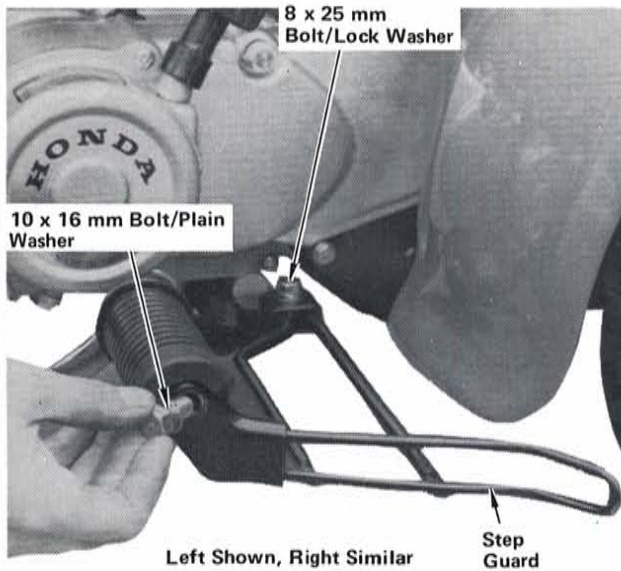


STEP 20—Insert axle collars into front wheel grease seals.



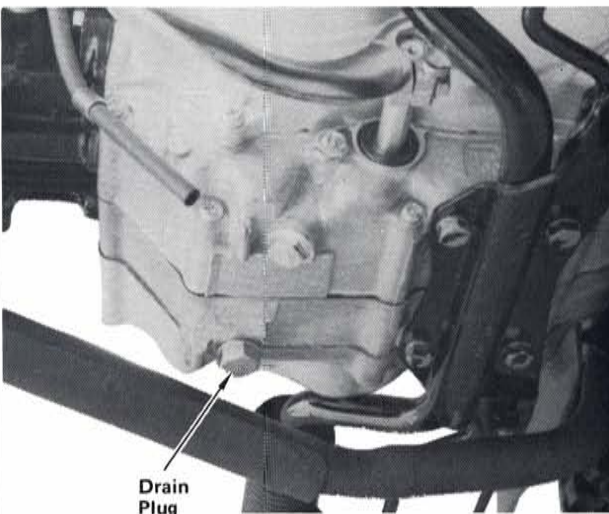
STEP 21—Position front wheel between fork legs with valve stem on left side. Insert axle from right side, through right fork leg, axle collar, wheel hub, axle collar, and left fork leg. Install axle nut and tighten nut to specified torque.

Torque specification:
6–8 kg-m (43–58 lbs-ft)



STEP 22—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.

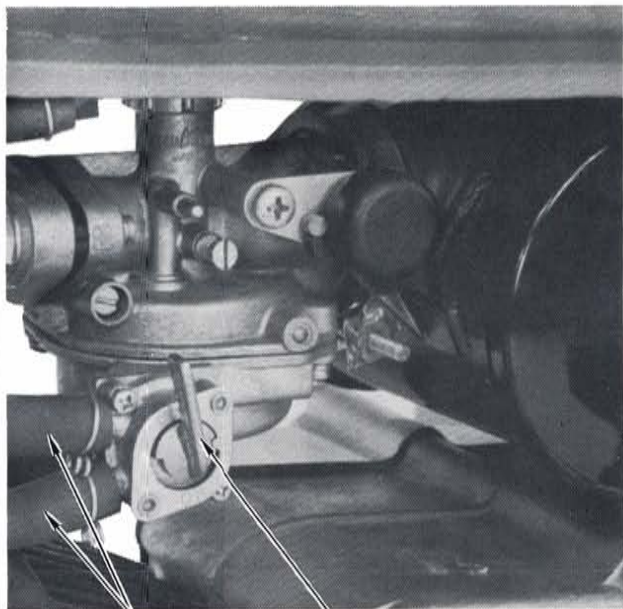
Torque specifications:
8 mm bolts: 2–2.4 kg-m (15–17 lft-ft)
10 mm bolts: 4–5 kg-m (29–35 lbs-ft)



STEP 23—Remove crankcase drain plug and drain engine oil. Reinstall and tighten drain plug.

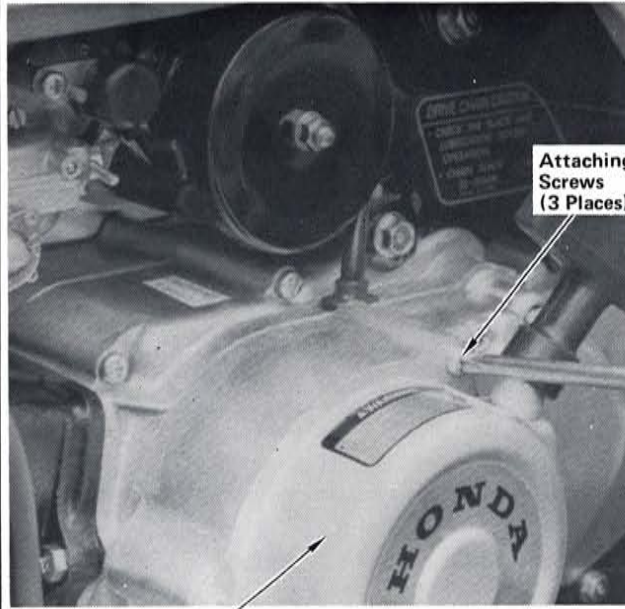
NOTE: Not required if less than 4 months have elapsed since date of manufacture shown on identification plate on steering head.

Refill crankcase with recommended oil as described in owner's manual or shop manual.



Fuel Lines Fuel Petcock

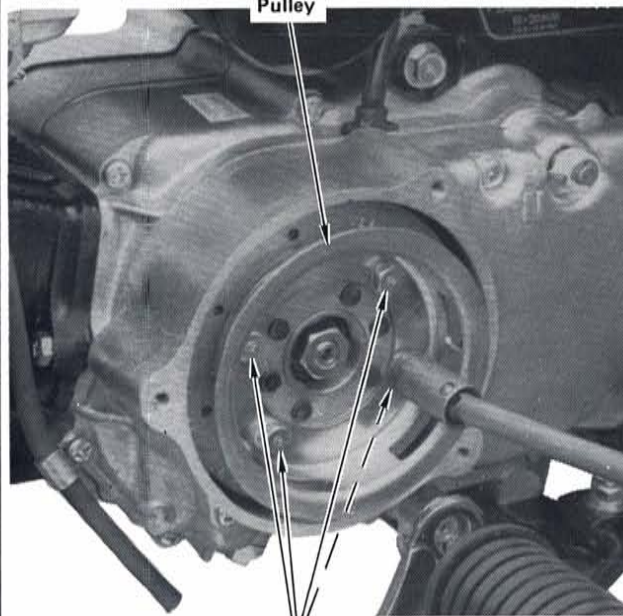
STEP 24—Inspect fuel tank. If necessary, drain and flush fuel tank by removing fuel lines. Reconnect fuel lines, fill tank, turn on fuel petcock and check for leaks.



Attaching Screws (3 Places)

Recoil Starter

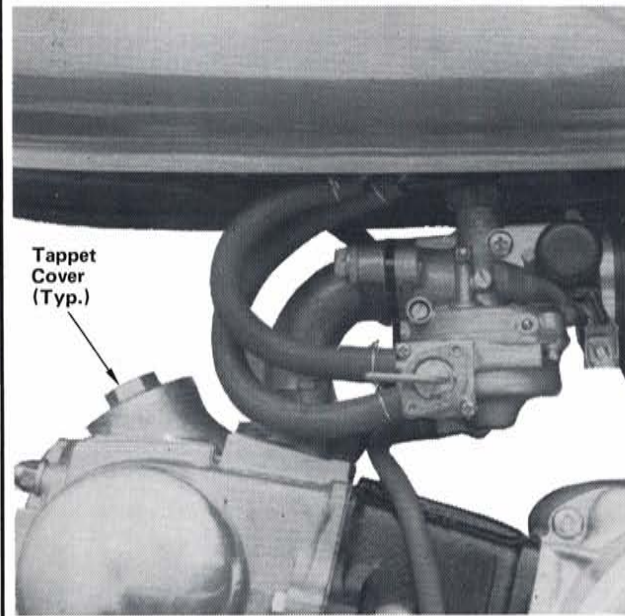
STEP 25—Remove recoil starter by removing three screws. Retain screws for reinstallation.



Starter Pulley

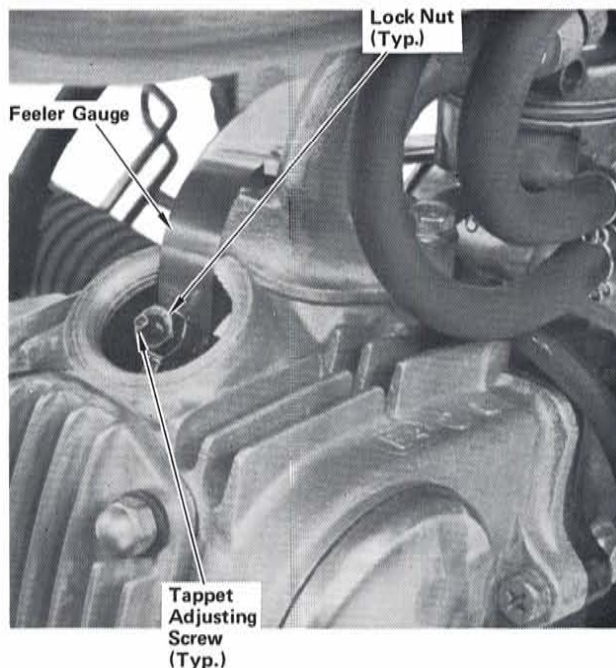
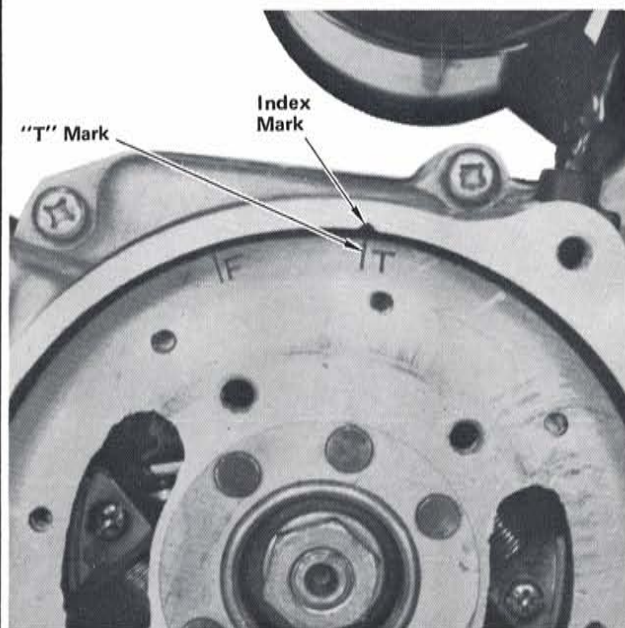
Attaching Bolts

STEP 26—Remove starter pulley by removing four 6 mm hex bolts and lock washers. Retain bolts for reinstallation.



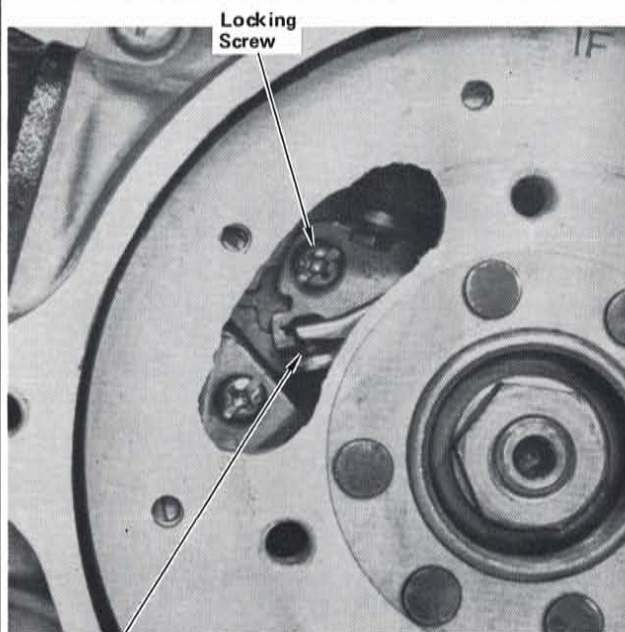
Tappet Cover (Typ.)

STEP 27—Remove tappet covers.



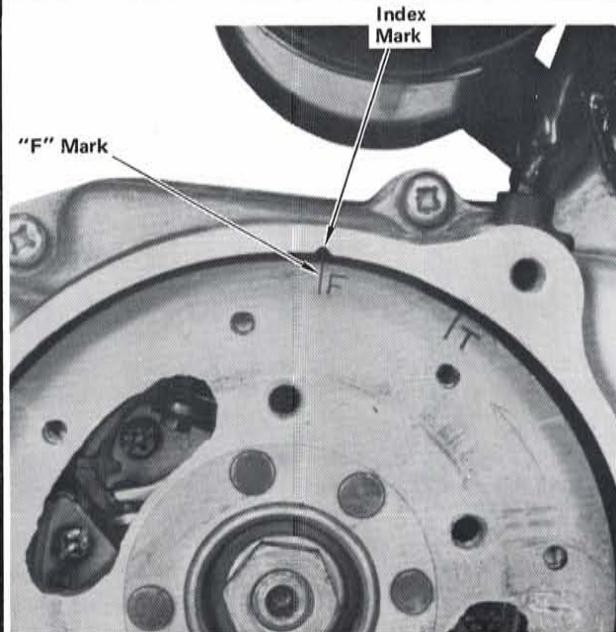
STEP 28—Turn flywheel counterclockwise to the “T” mark with piston on compression. Check tappet clearance, and if necessary, adjust tappets as described in owner’s manual or shop manual. Reinstall tappet covers.

Intake and exhaust valves: 0.05 mm (0.002 in.)

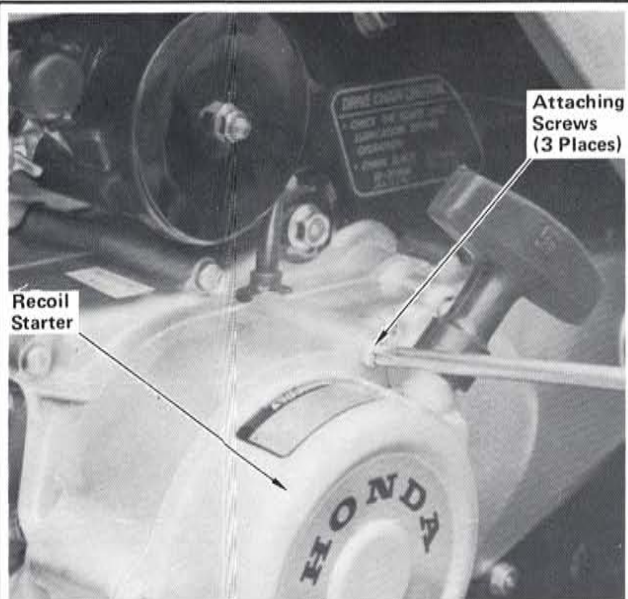


STEP 29—Check point gap. Adjust if necessary, as described in owner’s manual or shop manual.

Point gap: 0.3–0.4 mm (0.012–0.016 in.)

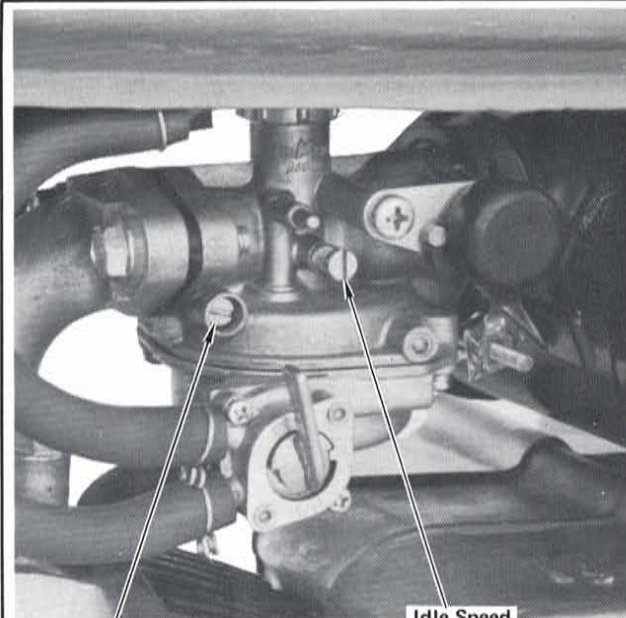


STEP 30—Turn flywheel counterclockwise to the “F” mark. Check that points are just beginning to open. Adjust if necessary, as described in owner’s manual.

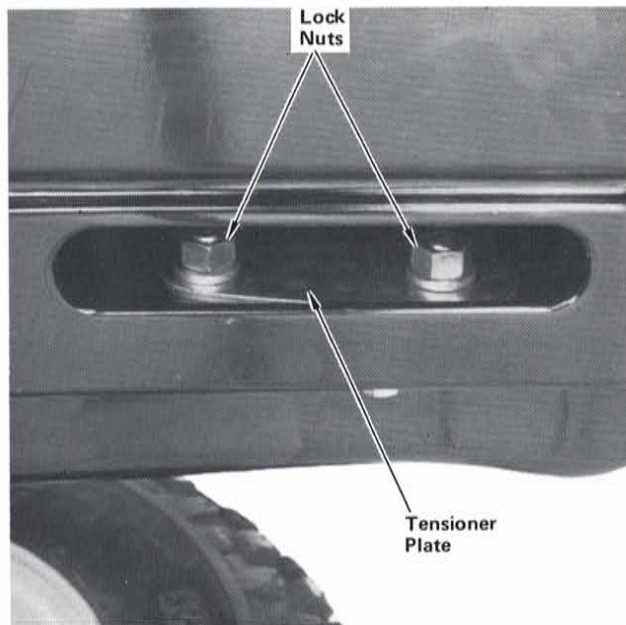
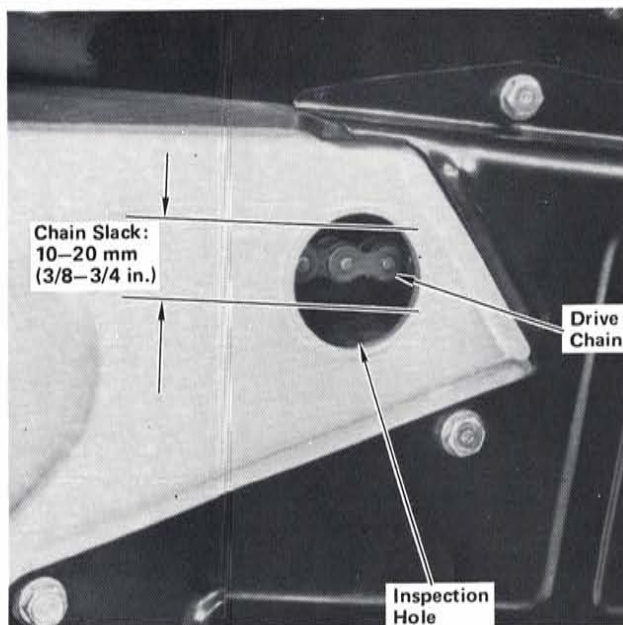


STEP 31—Reinstall starter pulley (four 6 mm hex bolts and lock washers) and recoil starter (three pan head screws). Tighten starter pulley bolts to specified torque. Tighten screws securely.

Torque specification:
0.8–1.2 kg-m (6–9 lbs-ft)



STEP 32—Adjust carburetor air screw, idle speed, and throttle lever free play, if necessary, as described in owner's manual or shop manual. Refer to owner's manual for use of the speed limiter screw.



STEP 33—Remove drive chain inspection hole cover and check for a drive chain slack of 10–20 mm (0.4–0.8 in.). Adjust drive chain slack as follows, if necessary. 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 both lock nuts securely. Lubricate drive chain using a commercially prepared chain lubricant, and reinstall inspection hole cover.

TORQUE TABLE

| ITEM | SIZE | TORQUE |
|-----------------------------|------------|-----------------------------|
| Front fork bolts | ----- | 4.0—4.8 kg-m (29—35 lbs-ft) |
| Handlebar holder nuts | 10 mm | 4.0—4.8 kg-m (29—35 lbs-ft) |
| Carrying handle bolts | 8 x 16 mm | 2.0—2.4 kg-m (15—17 lbs-ft) |
| | 8 x 25 mm | 2.0—2.4 kg-m (15—17 lbs-ft) |
| Rear wheel bolts | 8 x 20 mm | 2.0—2.4 kg-m (15—17 lbs-ft) |
| Front axle nut | ----- | 6.0—8.0 kg-m (43—58 lbs-ft) |
| Step guard bolts | 8 x 25 mm | 2.0—2.4 kg-m (15—17 lbs-ft) |
| | 10 x 16 mm | 4.0—4.8 kg-m (29—35 lbs-ft) |
| Recoil starter pulley bolts | 6 mm | 0.8—1.2 kg-m (6—9 lbs-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"/> Inspect electrical component for proper operation. |
| <input type="checkbox"/> Drain oil from crankcase (if necessary). Refill with recommended oil. | <ul style="list-style-type: none"> • Engine stop switch. |
| <input type="checkbox"/> Inspect fuel tank, drain and flush, if necessary. | <input type="checkbox"/> Check security of all nuts, bolts, and other fasteners. |
| <input type="checkbox"/> Check valve clearance; adjust if necessary. | <input type="checkbox"/> TEST RIDE: Check performance, handling, and operation. |
| <input type="checkbox"/> Fill fuel tank, turn on petcock and check for leaks. | <ul style="list-style-type: none"> • Transmission and clutch: Ease of shifting, clutch operation, etc. |
| <input type="checkbox"/> Clean and check contact points and ignition timing; and adjust if necessary. | <ul style="list-style-type: none"> • Acceleration: Smoothness, etc. |
| <input type="checkbox"/> Adjust carburetor. | <ul style="list-style-type: none"> • Cruising: Smoothness, etc. |
| <input type="checkbox"/> Check throttle lever free play, cable routing, and operation in all steering positions. | <ul style="list-style-type: none"> • Handling: Stability and cornering. |
| <input type="checkbox"/> Adjust and lubricate drive chain. | <ul style="list-style-type: none"> • Brake: Smoothness and stopping power. |
| <input type="checkbox"/> Check tire pressure: Front and rear: 3 psi. | <ul style="list-style-type: none"> • Idling: Smoothness, throttle response, return to idle. |
| | <ul style="list-style-type: none"> • Upon completion of test ride, check for fuel and oil leaks. |

PARTS PACKAGE CONTENTS

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

| DESCRIPTION | H/C | PART NUMBER |
|---|-------|-----------------|
| Rear brake lever | 46510 | 53178-147-0000 |
| Screw, rear brake lever pivot | 16914 | 90114-063-0000 |
| Nut, hex head, 5 mm | 15688 | 94001-0500-0S |
| Washer, lock, 10 mm (2 reqd.) | 33092 | 94111-10800 |
| Nut, hex head, 10 mm (2 reqd.) | 34137 | 94001-10080-0S |
| Step guard, right | 67395 | 50620-957-0000 |
| Step guard, left | 67396 | 50630-957-0000 |
| Bolt-washer, 10 x 16 mm (2 reqd.), step guard | 67489 | 93492-10016-08 |
| Bolt-washer, 8 x 25 mm (2 reqd.), step guard | 67491 | 93493-08025-08 |
| Front fender | 67406 | 61100-957-000AZ |
| Bolt, tapping (4 reqd.), front fender | 67420 | 90202-957-000 |
| Washer, (4 reqd.), front fender | 29937 | 64348-086-000 |
| Pin, cotter, 3 x 25 mm, front axle nut | 05842 | 94201-30250 |
| Carrying handle | 67411 | 81200-957-000 |
| Bolt-washer, 8 x 16 mm (4 reqd.), carrying handle | 67490 | 93493-08016-08 |
| Bolt-washer, 8 x 20 mm (6 reqd.), rear wheel | 67488 | 93492-08020-00 |
| Front wheel | ----- | 4430Z-957-000 |
| Rear wheel (2 reqd.) | ----- | 4230Z-957-000 |
| Screw, speed limiter, 5 x 14 mm | 17179 | 93500-05018-0A |
| Nut, hex head, 5 mm, speed limiter | 15688 | 94001-05000-0S |

○

○

○

○

○

○

○

(

(

(

(

(

(

(

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

READ THIS READ THIS READ THIS