

# Set-up Instructions

# 1980 Model CB 900C



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.

*THIS ISSUE OF THE CB900C SET-UP INSTRUCTIONS COVERS THE EMISSION CONTROLLED MOTORCYCLES.*

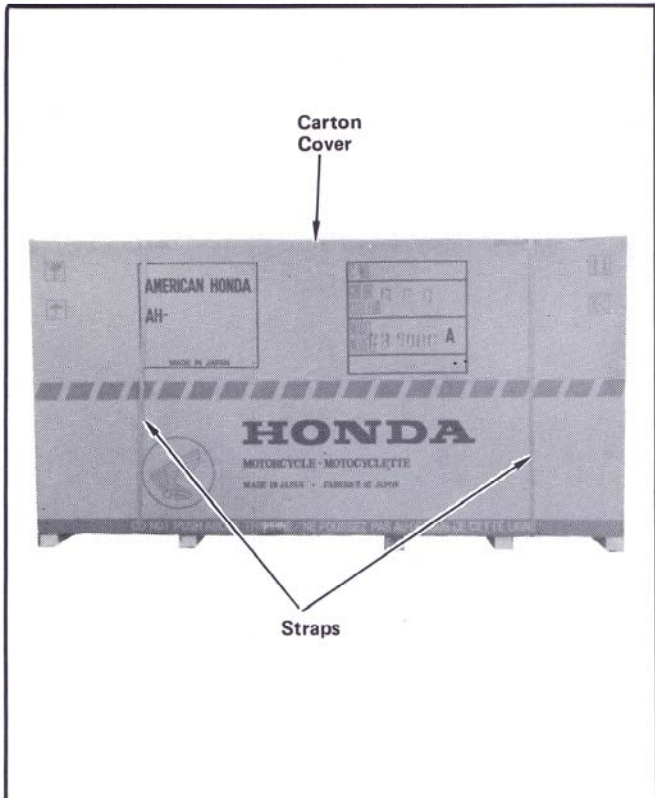


*NOTE: Right and left are determined from the rider's view.*

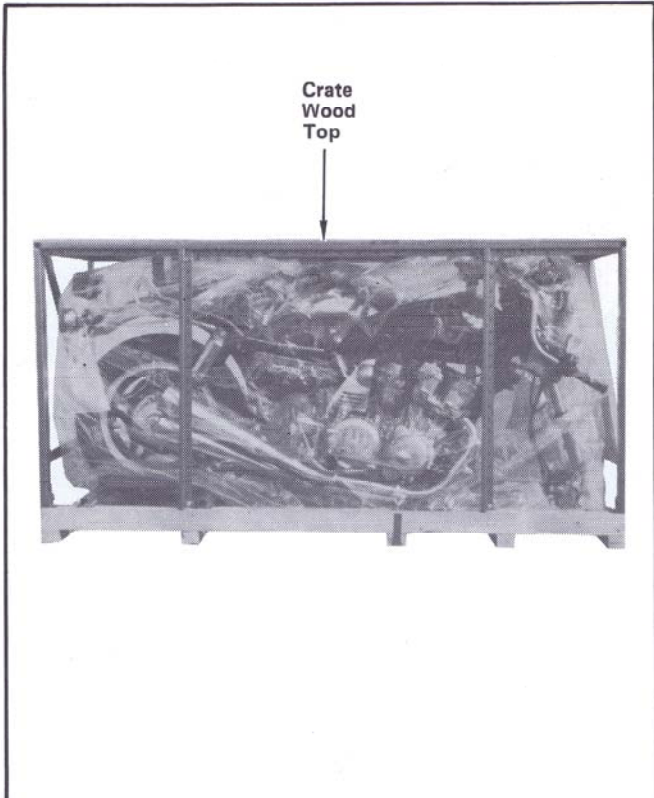
# SET-UP INSTRUCTION REVISED PAGES

Pages Affected	Orig. Issue Date	Rev. Date
1 through 31	1/80	Original

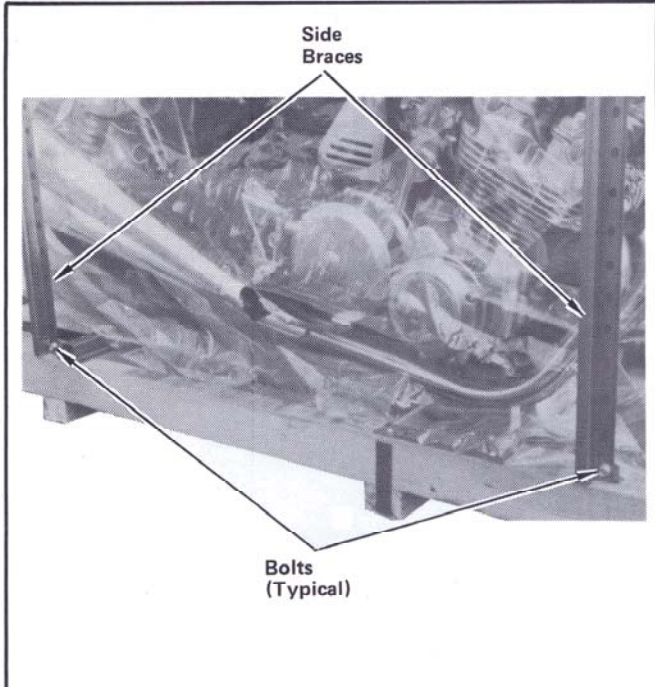
**Remove and destroy superseded pages.**



**STEP 1**—Cut straps and lift up carton cover.

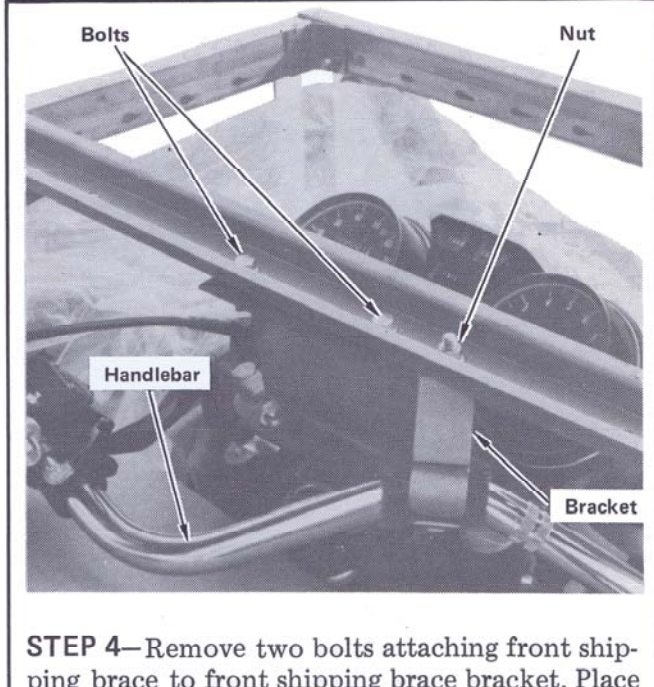


**STEP 2**—Remove crate wood top.

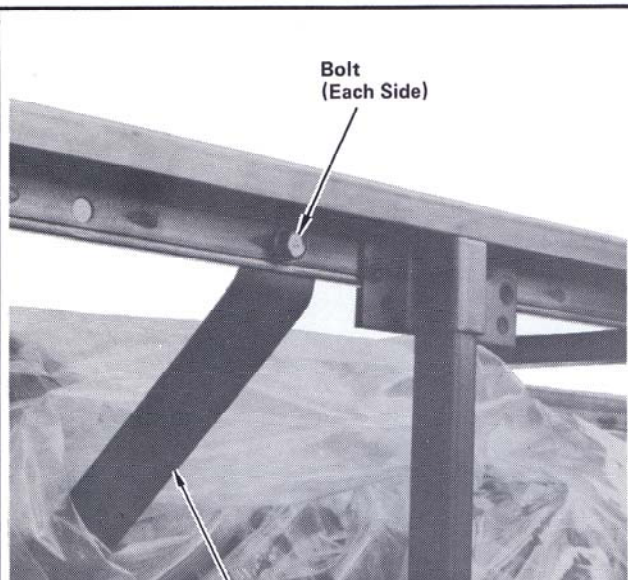


**STEP 3**—Remove side braces from crate base by removing a bolt from each.

**CAUTION:** Do not allow side braces to fall against motorcycle and cause damage.



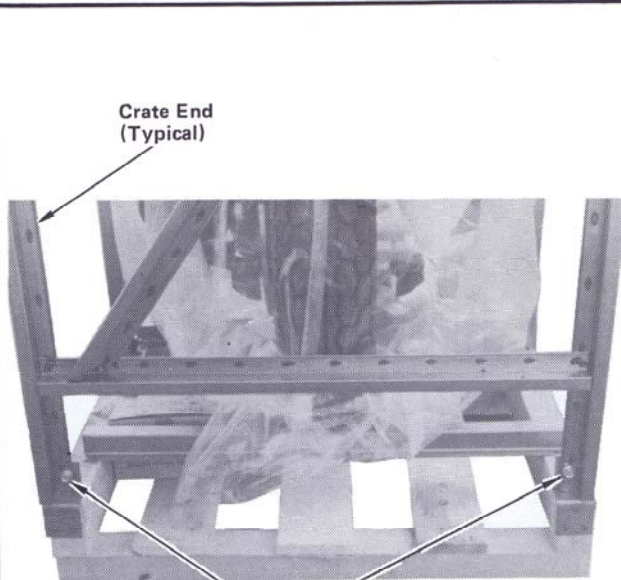
**STEP 4**—Remove two bolts attaching front shipping brace to front shipping brace bracket. Place a protector on top of fuel tank to prevent damage and remove nut attaching handlebar bracket to shipping brace. Remove bracket from handlebar and discard all attaching hardware and bracket.



Bolt (Each Side)

Rear Shipping Bracket (Each Side)

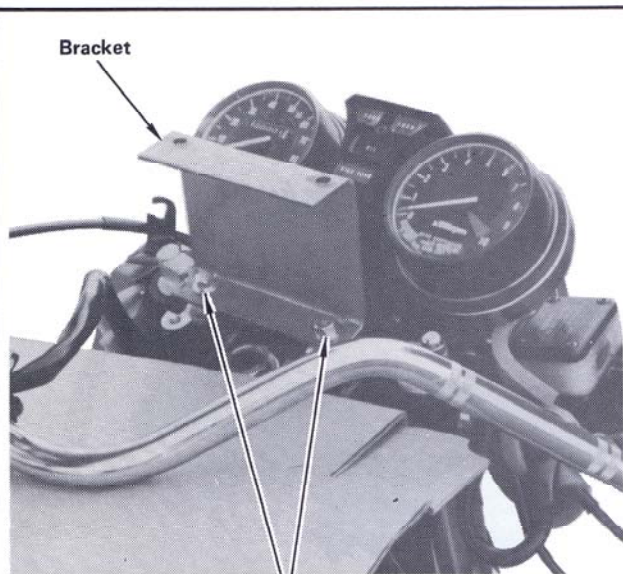
**STEP 5**—Remove bolts and nuts attaching rear shipping brackets to crate top. Discard bolts and nuts.



Crate End (Typical)

Bolts (Typical)

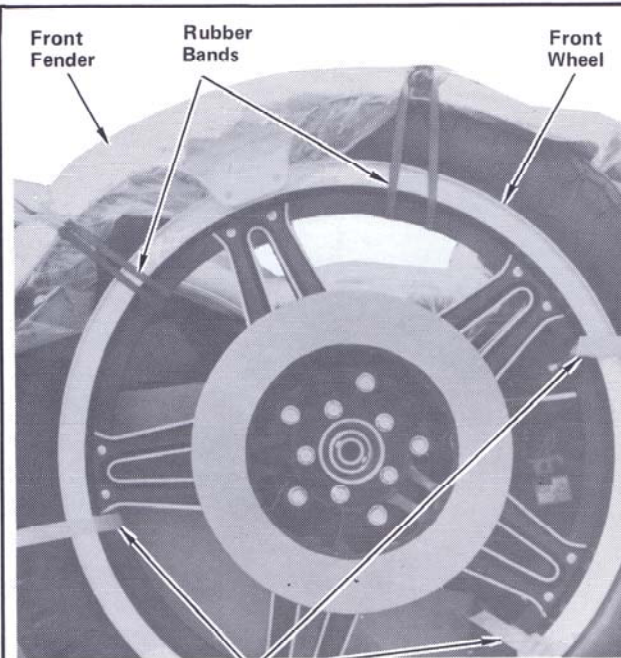
**STEP 6**—Remove bolts attaching front and rear crate ends to crate base. Discard bolts. Carefully lift off metal crate frame.



Bracket

Bolts

**STEP 7**—Remove two bolts attaching front shipping brace bracket to lower handlebar holders. Discard bolts and bracket.



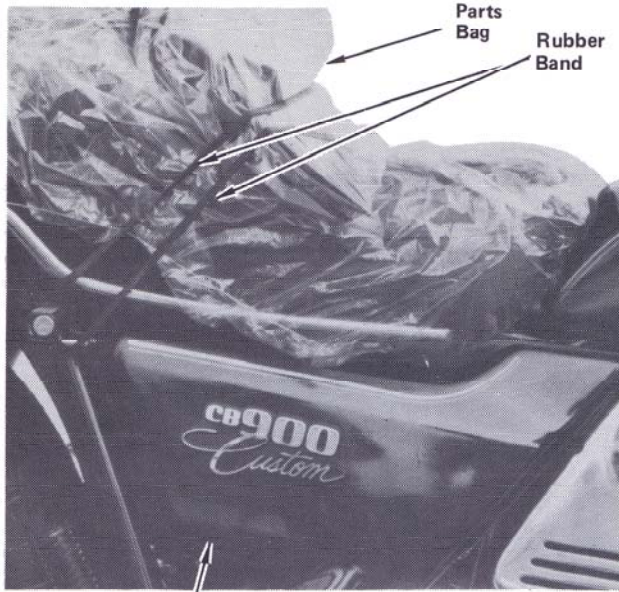
Front Fender

Rubber Bands

Front Wheel

Straps

**STEP 8**—Remove rubber band and front fender from front wheel. Remove straps holding front wheel. Remove front wheel.



Right Side Cover

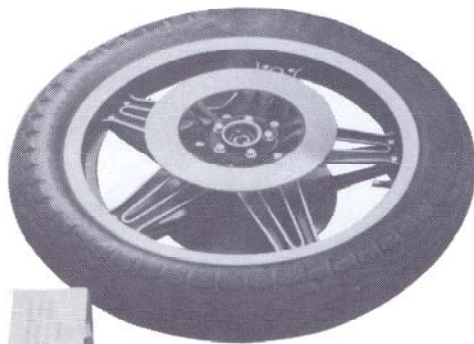
**STEP 9**—Remove rubber band and parts bag from seat. Remove right side cover and pull out attaching hardware from battery compartment.



Strap

Battery

**STEP 10**—Cut strap holding battery to crate base and remove battery.



Front Wheel



Rear View Mirrors



Front Fender



Battery



Attaching Hardware



Speedometer Gearbox

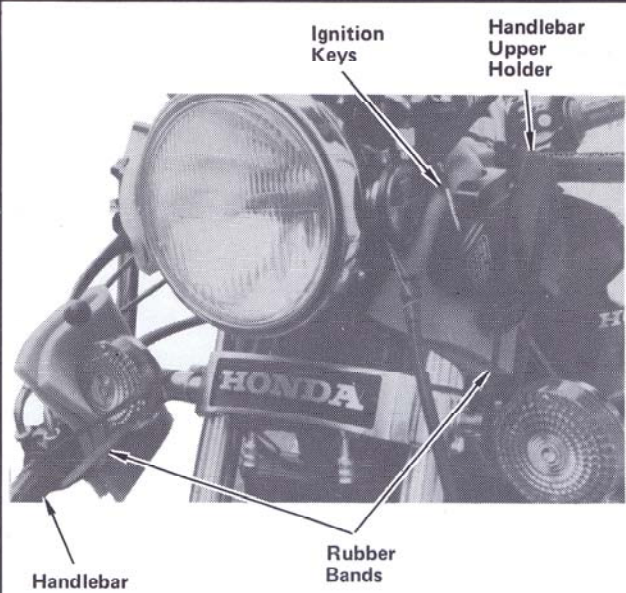


Left Side Cover

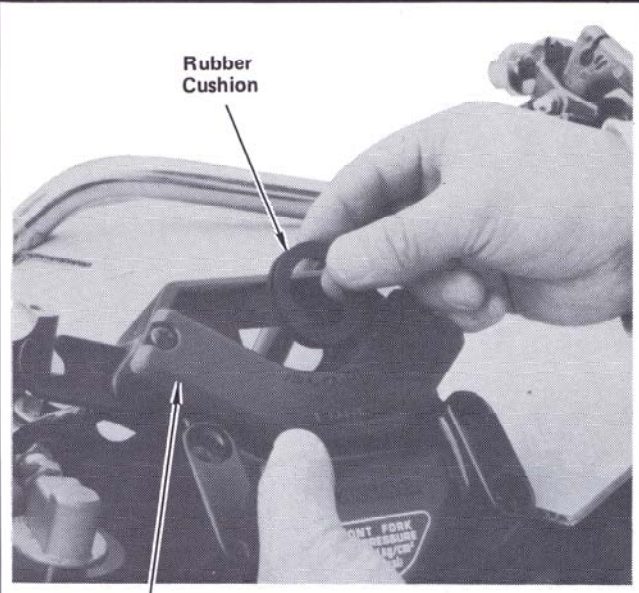


Right Side Cover

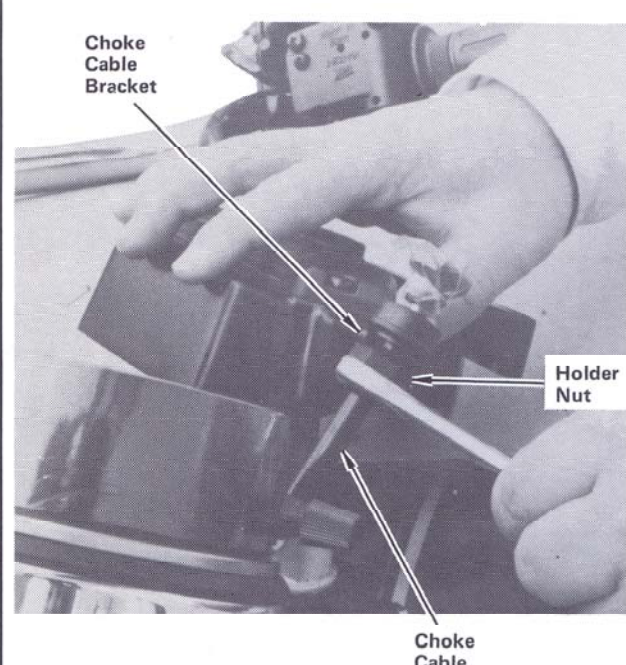
**STEP 11**—Unpack the remaining loose parts and check against this illustration. Report any damaged or missing parts immediately to American Honda Motor Co., Inc., 100 West Alondra Blvd., Gardena, California, 90247.



**STEP 12**—Remove rubber bands attaching handlebar and upper handlebar holder to front turn signals. Remove all protective covering from handlebar. Remove ignition keys from cable.

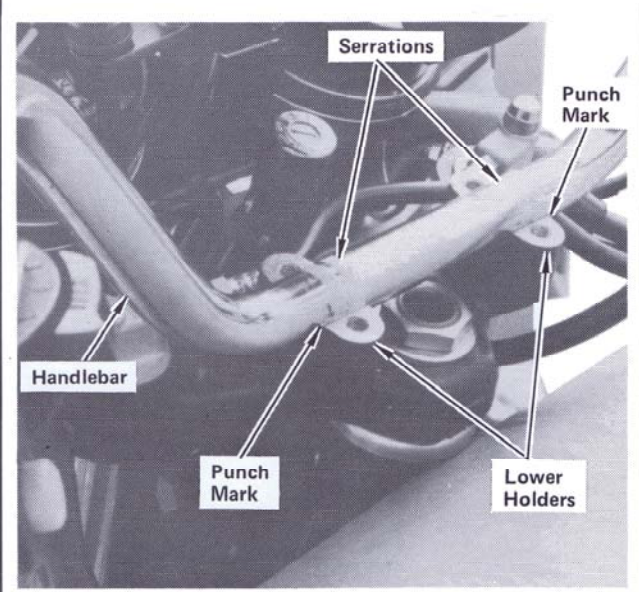


**STEP 13**—Press ignition switch rubber cushion into hole in handlebar upper holder as shown, with thick flange up.



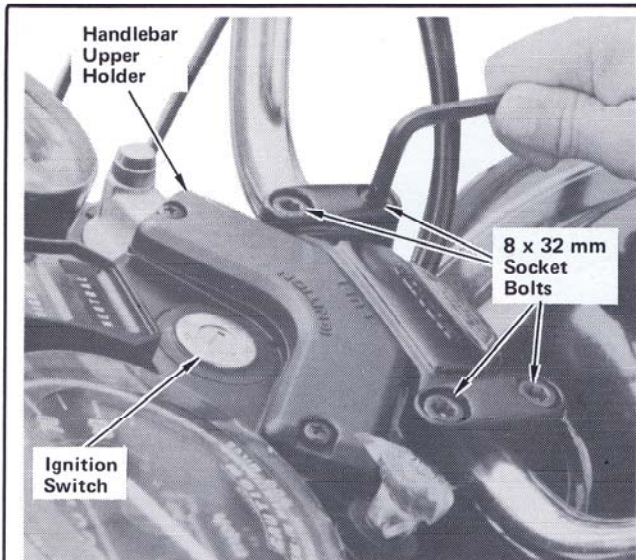
**STEP 14**—Install choke cable in bracket, aligning flats. Tighten nut securely.

**CAUTION:** Do not overtighten holder nut, otherwise threads may be stripped.



**STEP 15**—Position handlebar on lower holders with serrations aligned with lower holders and punch marks on handlebar aligned with top of holders.

**CAUTION:** Check that throttle cables are not twisted.



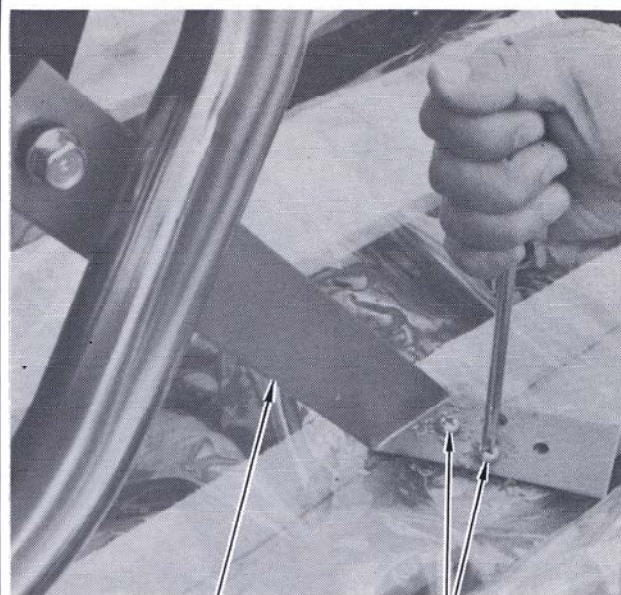
Handlebar Upper Holder

8 x 32 mm Socket Bolts

Ignition Switch

**STEP 16**—Position upper holder over handlebar as shown, over ignition switch and handlebar, and loosely install four 8 x 32 mm socket head bolts. Tighten forward bolts to specified torque first, then tighten rear bolts to same torque.

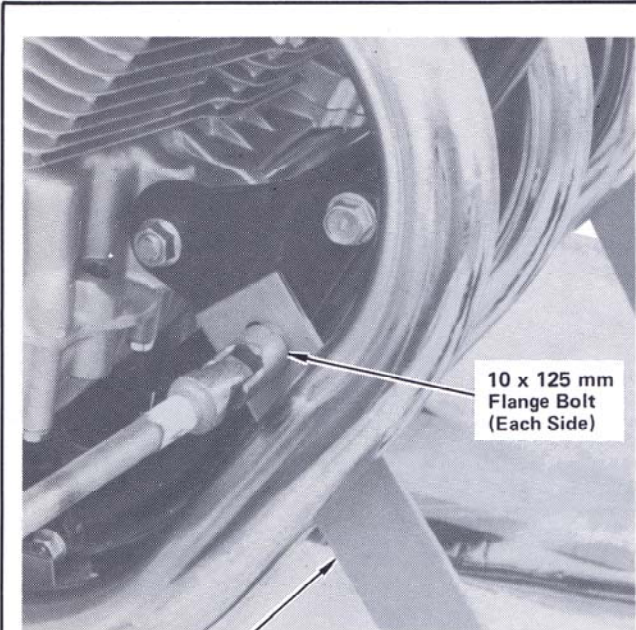
**Torque specification:**  
2.1 kg-m (16 lb-ft)



Shipping Bracket (Each Side)

Screws (Typical)

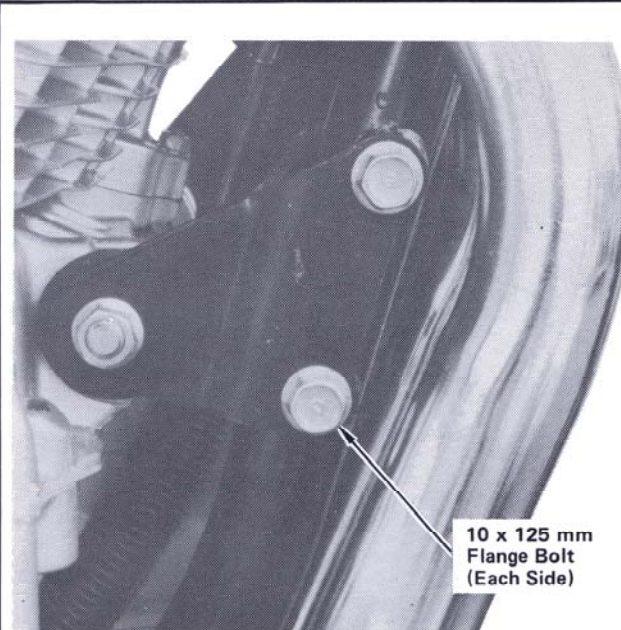
**STEP 17**—Remove screws attaching lower shipping bracket to crate base. Discard screws.



10 x 125 mm Flange Bolt (Each Side)

Shipping Bracket (Each Side)

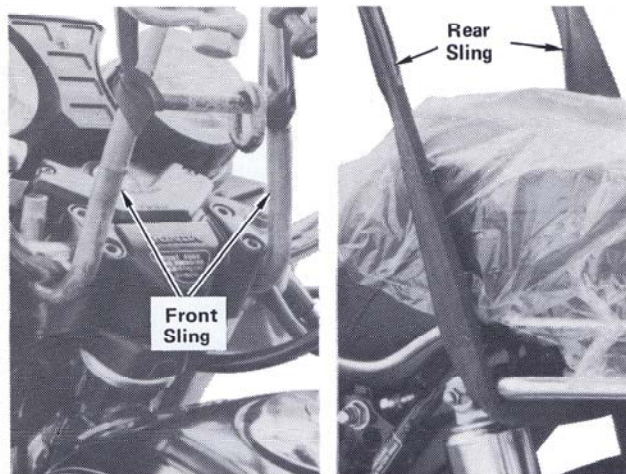
**STEP 18**—Remove 10 x 125 mm flange bolts attaching lower shipping brackets to front engine mount brackets. Retain bolts for reinstallation. Discard shipping brackets.



10 x 125 mm Flange Bolt (Each Side)

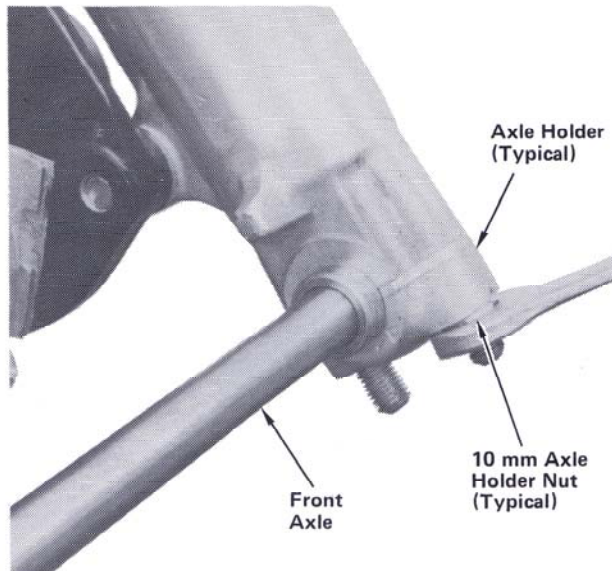
**STEP 19**—Reinstall 10 x 125 mm flange bolts removed in previous step. Tighten bolts to specified torque.

**Torque specification:**  
4.0 kg-m (29 lb-ft)

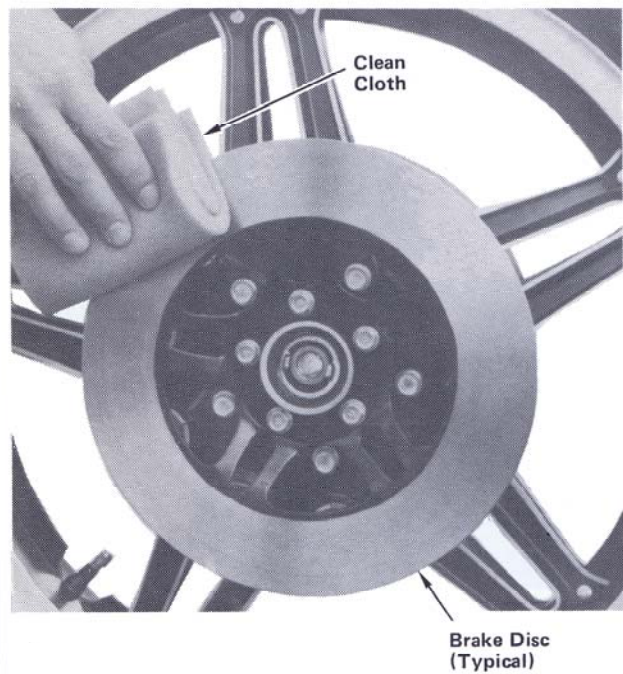


**STEP 20**—Position sling ropes as shown and lift motorcycle until rear wheel is clear of crate base, using a hoist or other lifting device.

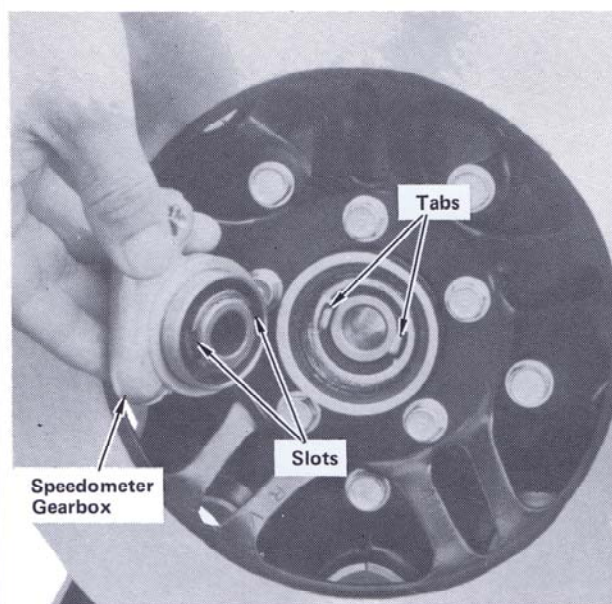
**CAUTION:** Use care not to damage clutch cable or fuel tank with sling. Lift motorcycle by rear frame member as shown, and not with just rear handrail.



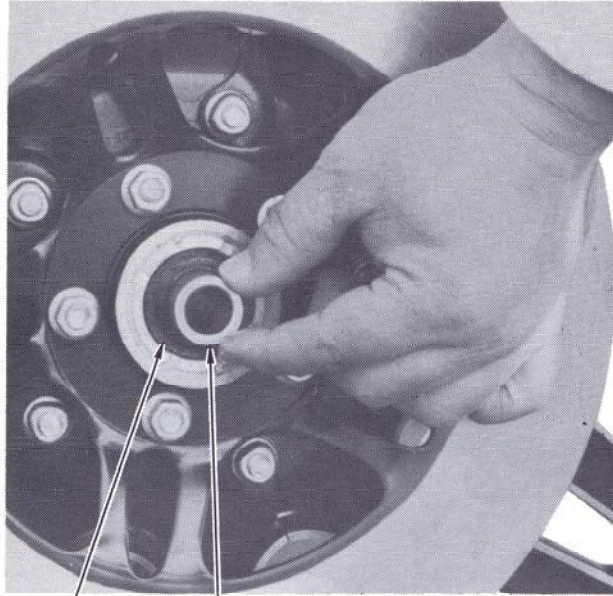
**STEP 21**—Remove and retain 10 mm axle holder nuts. Remove axle holders and front axle.



**STEP 22**—Thoroughly clean both sides of front and rear brake discs using a good quality degreasing agent. Wipe with a clean cloth.

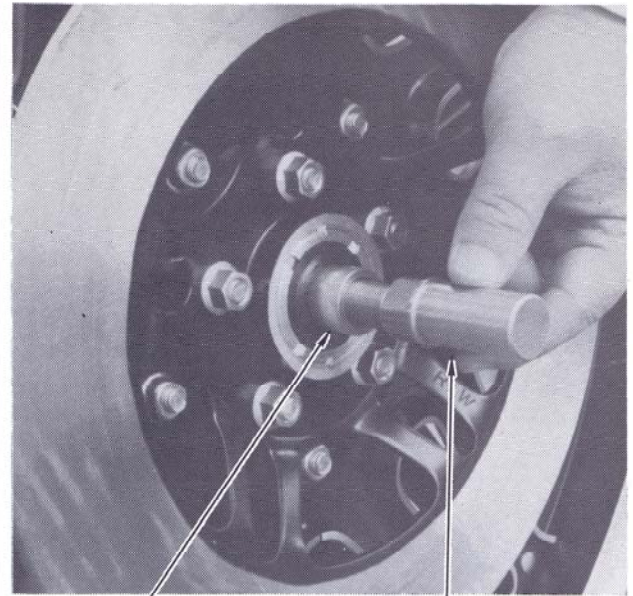


**STEP 23**—Install speedometer gearbox, making sure slots are aligned with tabs in wheel hub.



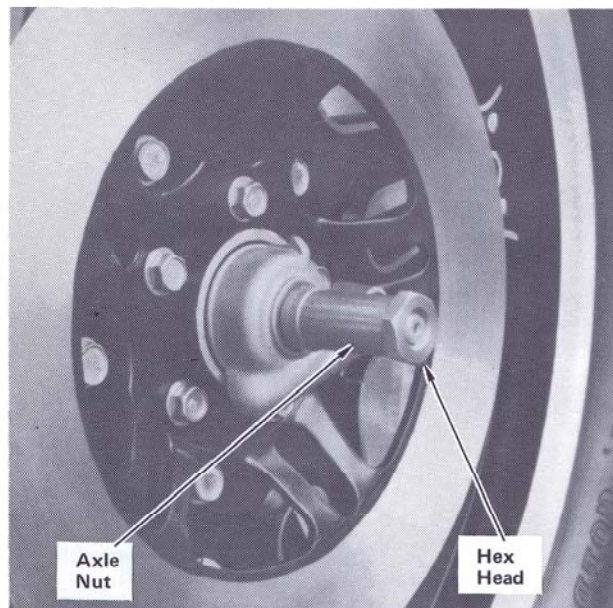
Grease Seal  
Axle Collar

**STEP 24**—Check that grease seal is clean and full of grease. Insert axle collar into front wheel grease seal.



Axle Collar  
Front Axle

**STEP 25**—Insert front axle through wheel hub from axle collar side.



Axle Nut  
Hex Head

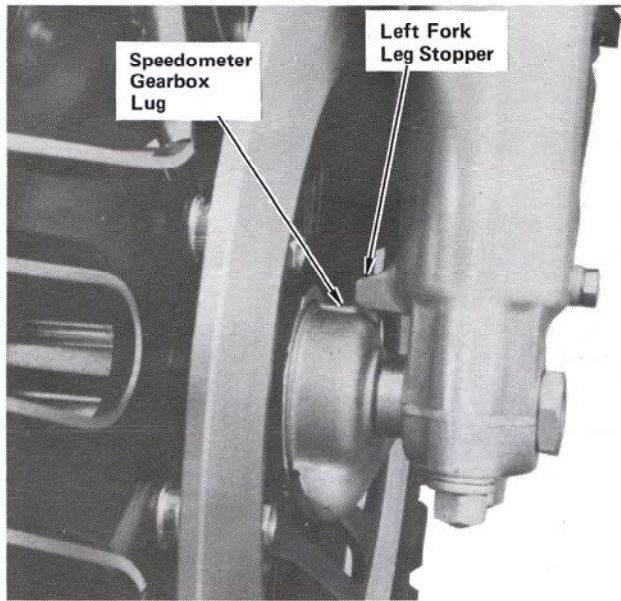
**STEP 26**—Install front axle nut with hex head out as shown. Tighten axle nut to specified torque.

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

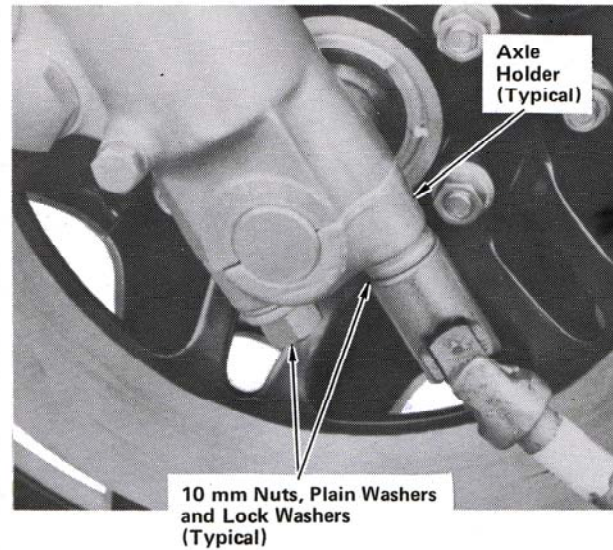


Right Fork Leg  
Brake Disc (Each Side)

**STEP 27**—Position front wheel between fork legs with speedometer gearbox on left, being careful to fit each brake disc between brake pads.

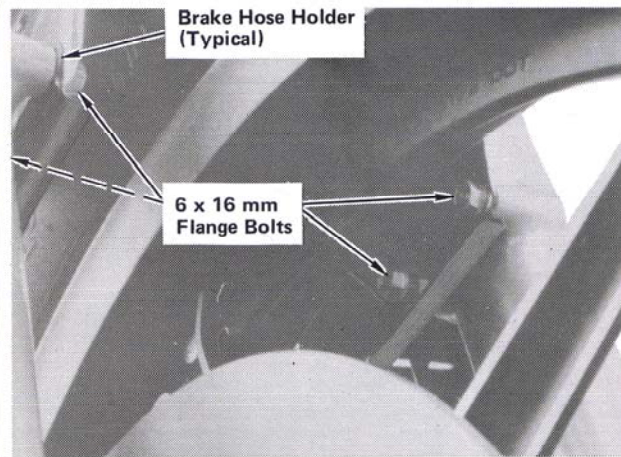


**STEP 28**—Rotate speedometer gearbox lug up against rear of stopper on left fork leg.



**STEP 29**—Install axle holders on fork legs with arrows pointing forward using four plain washers, lock washers, and 10 mm nuts. Tighten each nut finger tight to prevent misalignment, tighten forward axle holder nuts to specified torque, then tighten rear nuts to same torque.

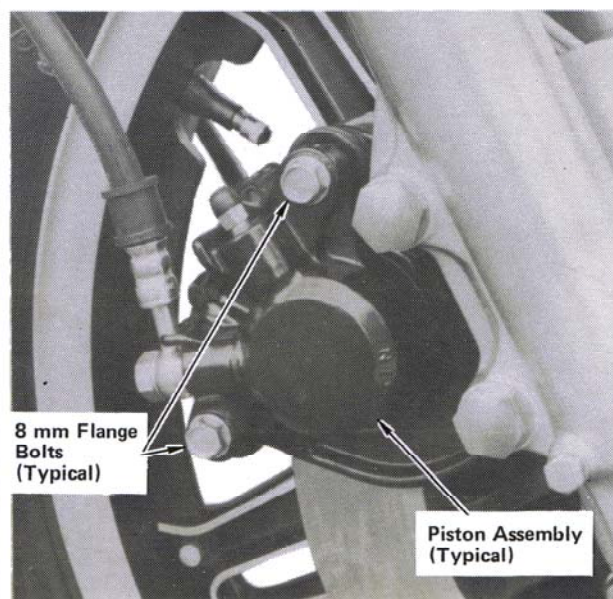
**Torque specification:**  
3.5 kg-m (26 lb-ft)



**STEP 30**—Insert front fender between fork legs from the rear. Attach fender brackets to fork legs using four 6 x 16 mm flange bolts through fender brackets. Brake hose holders are positioned as shown, between fender brackets and fork legs. Tighten bolts to specified torque.

*NOTE: Be sure speedometer cable guide is on left side.*

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



**STEP 31**—Remove and retain two 8 mm flange bolts securing piston assembly of each brake caliper assembly (one on each fork leg and one on rear brake disc.) Lift off piston assembly. Clean rear brake disc the same as the front brake disc.