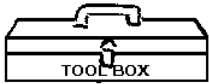




By National Cycle

**PARTS LIST**

Index	Part No.	Description	Qty.
1	90-970303-000	Highway Bar, Left	1
2	90-970304-000	Highway Bar, Right	1
<b>BAG 956</b>			
3	51-513052-000	"U" Bolt	2
4	42-431010-000	Whizlok Nut, Chrome	6
5	51-516610-000	Screw, Button Head 5/16 -18 x 1"	2
6	51-571202-000	Bolts, Hex Flange M10-1.25 x 25	2
7	49-491010-000	Washer, Split	2



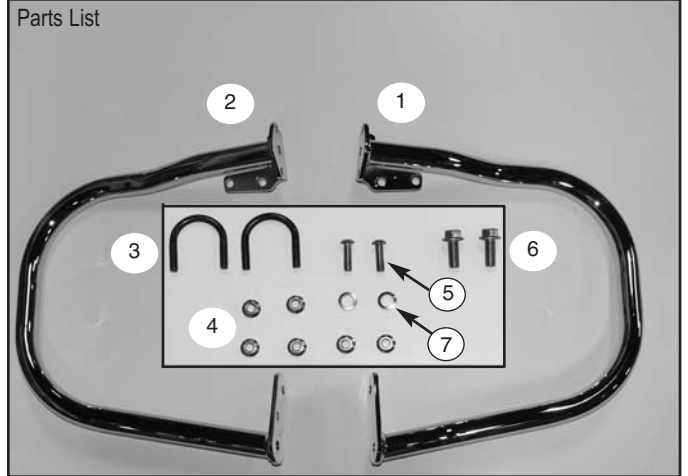
14mm Combination Wrench  
 1/2" Combination Wrench  
 5/8" Hex Wrench

**INSTALLATION AND OWNER'S MANUAL**

P4306

for YAMAHA® XV1600 and 1700

**NOTE:** Right and Left side of Motorcycle is determined while sitting on the bike.



**PREPARATION**

1. Ensure that the motorcycle is on flat level ground.
2. It is recommended that the motorcycle sit for at least one hour prior to installation to allow the engine to cool.
3. Remove the two lower left and right engine mount bolts. (14mm Wrench) These bolts will not be re-used. **Figure 1.**

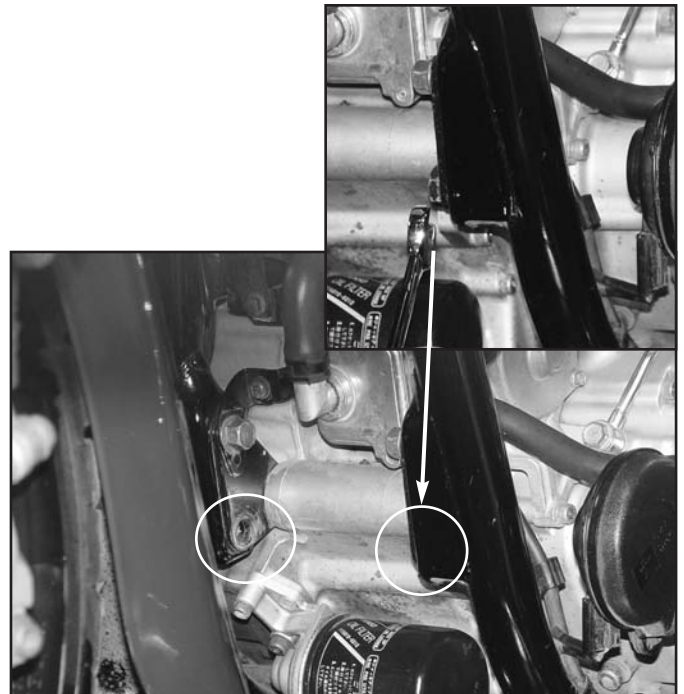


Figure 1

## INSTALLATION

1. Start on the Left side of the motorcycle. Loosely install the Highway Bar to the lower mounting point using one M10 Bolt. (14mm Socket.) Do not fully tighten at this time. **Figure 2, inset a.**

2. Place one "U" Bolt on the frame down tube just above the clutch cable clip, **inset b.**

3. **Loosely** install the Highway Bar to the "U" Bolt with the Whizlok Nuts, **inset c. (1/2" Wrench)**

4. Repeat procedure 1-3 on Right side of motorcycle.

5. Secure the Left Highway Bar to the Right Bar. Insert the Button Head Screw from the Right side through both bar ends. Place one Split Washer on the screw and secure with a Whizlok Nut. Repeat procedure at second hole. **(1/2" and 5/8" Hex)**

### Tighten Fasteners

6. Start at the Lower mount points and tighten the M10 Bolts, (left and right side) to the specified torque in your service manual. Next tighten the Nuts holding the "U" Clamps and finally the Button Head Screws securing the two Highway Bars together.

## MAINTENANCE / CAUTION

The high quality chrome finish of your National Cycle Chrome Highway Bar can be maintained with any quality chrome cleaner and / or polish applied with a soft cloth.

Check hardware for tightness regularly. Never ride with loose mounting hardware. Check to be sure your Highway Bar does not contact any part of the motorcycle at a full turn left and right. Correct any problem before using the motorcycle.

