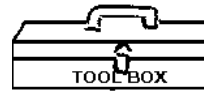
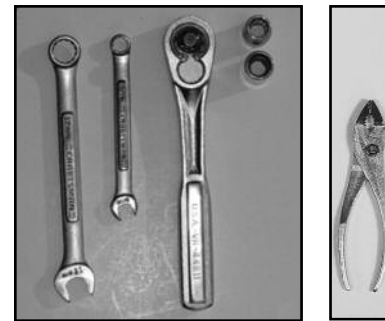
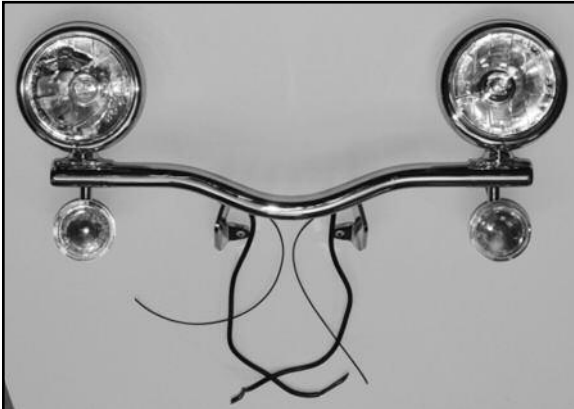


PARTS LIST

Description	Part No.	Qty.
Light Bar Assembly,	N948	1
Bag # 848, not shown		
Scotchlok U-Connectors	80-850002-000	8
Screw, M8 x 45	50-571045-000	2



- 8mm Box Wrench
- 12mm Box Wrench
- 10mm Socket
- 12mm Socket and Handle
- Slip Joint Pliers



NOTE: Right and Left on the motorcycle are determined from the rider's position.

PREPARATION

1. Make certain the motorcycle is securely positioned for this installation. Cover the front fender with a protective cloth to avoid scratches.
2. Remove the two lower screws, washers and bushings (bushing may stick in place) holding headlight. All hardware will be re-used. **(8mm Box Wrench) Figure 1**
3. Carefully lift headlight from housing.
4. Inside the headlight shell disconnect the **Right (Light Blue)** and **Left (Orange)** turn signal connectors. **Figure 2**
- 5 Pull turn signal wires through back of headlight.
6. Remove the left and right turn signal clamps. Turn signal components will not be re-used. **(10mm Socket) Figure 3**



Figure 1



Figure 2

INSTALLATION

1. Remove the headlight mount bolt and nut from left side. Stock bolt will not be re-used. Insert a M8 x 45 Screw from Bag #848 to hold assembly in place. Do not fasten with nut at this time. Repeat on right side. **(12mm Socket and Box Wrench) Figure 4**

2. Install the light bar using the M8 x 45 Screws and the stock nuts removed in previous step. **(12mm Socket and Box Wrench) Figure 5**

3. Route the Light Bar Wires to the back and into headlight shell.

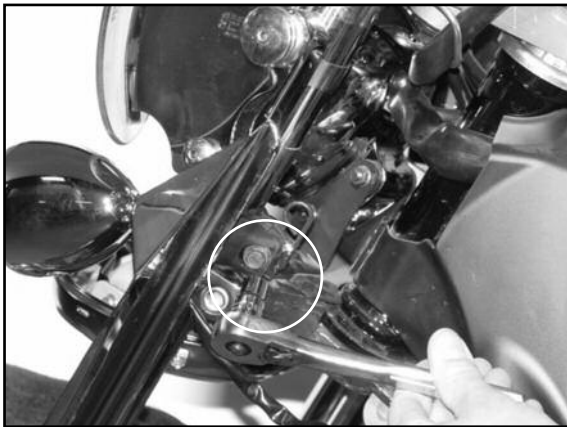


Figure 3

WIRING THE LIGHT BAR: HELPFUL TIPS

A. Keep the **Right** and **Left** wires of the Light Bar in separate groups.

B. The Turn Signal wires bundled in **Orange** Connector are for **Left** side operation and the wires bundled in **Light Blue** Connector are for **Right** side operation.

4. If necessary, Cut back on the electrical tape to expose the Headlight wire when installing connectors. **(Scissors)**

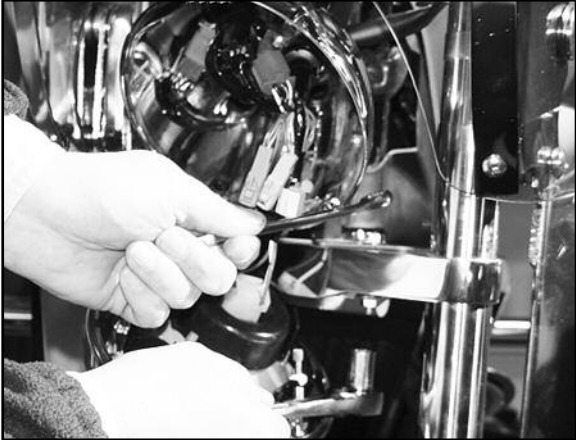


Figure 4

5. Use the U Connectors from Bag #848 to attach wires as recommended in the Wiring Chart below. Do one at a time and check for correct operation. **(Connectors and Pliers) Figure 6**

6. Test lights. Re-install headlight.



Figure 5

7. Verify proper operation of all lights before riding.

Continued on page 3.

WIRING CHART		
<u>LIGHT BAR MAIN SPOT</u>		<u>MOTORCYCLE</u>
2 BLUE WIRES	SCOTCHLOK TO	ONE WHITE WIRE IN HEADLIGHT
<u>RIGHT LIGHT BAR TURN SIGNAL</u>		<u>MOTORCYCLE</u>
BLACK		BLACK
BLUE		BLUE/ WHITE STRIPE
PURPLE		BLUE
<u>LEFT LIGHT BAR TURN SIGNAL</u>		<u>MOTORCYCLE</u>
BLACK		GREEN
BLUE		ORANGE/WHITE STRIPE
PURPLE		ORANGE

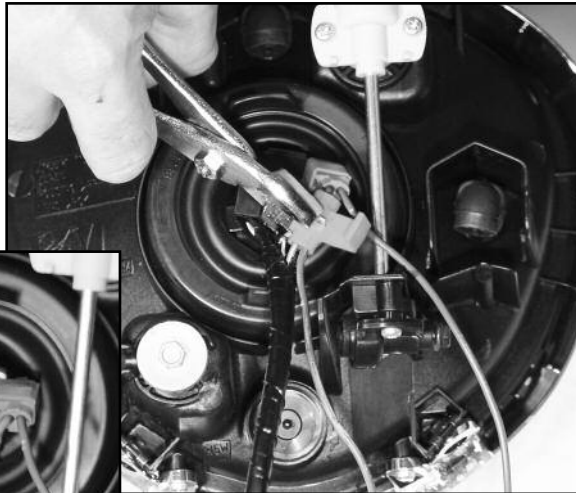


Figure 6



⚠ WARNING

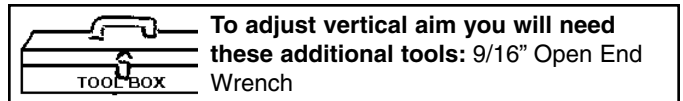
After wiring the light bar, check for clearance. Make sure the wires do not get pinched when the fork is turned to a full fork lock left and right.

Check all lights for proper operation.

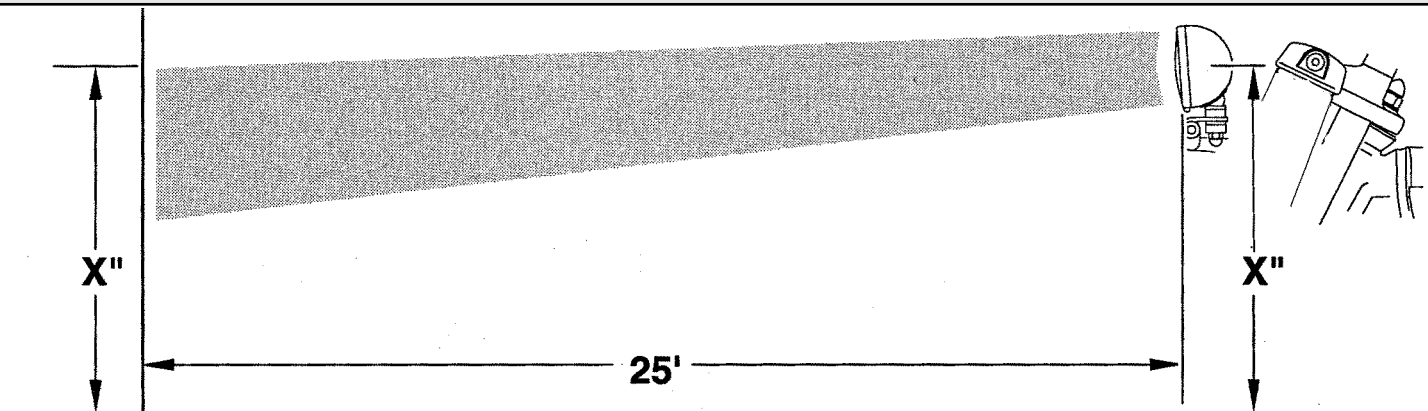
Check the tightness of all fasteners that have been involved in this installation.

MAINTENANCE

The high quality chrome finish of your National Cycle light bar can be maintained with any quality chrome cleaner and/or polish.



ADJUSTMENT



NOTE: check vertical aim of the lamps. They should aim approximately 5° downward.

1. HORIZONTAL AIM

A. To adjust the Spotlights or Turn signals right or left gently rotate the lamp into the correct position. In the event that the lamps become loose, refer to the procedure for vertical adjustment.

2. VERTICAL AIM

A. Loosen the nut on the Spotlight stud, adjust the Spotlights by rotating into position, tighten firmly. (9/16" Wrench)

REPLACEMENT PARTS and ACCESSORIES

Order parts through your local dealer or contact National Cycle.

Description	Part No.
Light Head Assembly 35W, ECE,SAE	90-910505-000

Turn Signal Assembly	90-930932-000
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Light Bar Accessories

Chrome Visor	N9005
Alternate Thumb Switch	N9001

Installing optional N9005 Light Head Visor.

1. Loosen the rim of the light head assembly. (Phillips Screwdriver).
2. Slip tabs of Visor under rim. (Item E).
3. Shape Visor/Visor Tabs to conform to contours of light head assembly.
4. Retighten rim.

