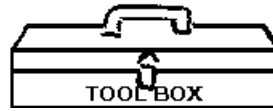


PARTS LIST

QTY.	DESCRIPTION
1	Light Bar Assembly
4	Clamp Half, Male
4	Clamp Half, Female
4	Screw, Button Head, 5/16-18 x 5/8
4	Nut, Acorn, 5/16-18
6	Connectors. Scotchlok


Tools used in all installations:
Tools needed to remove fuel tank.
Hex Key Wrench, 3/16"
Socket, 9/16", with Wrench and 6" extension
Slipjoint Pliers
Masking Tape & Ink Pen
Pliers
Motorcycle Service Manual
PREPARATION

Make certain the motorcycle is positioned securely on its sidestand or a work stand. Cover the front fender to avoid scratches due to a dropped part or tool.

Remove the head lamp from the motorcycle to allow access to the wiring inside the headlight shell.

INSTALLATION

Note: The motorcycle's Service Manual is required for performing some of the following procedures.

An assistant will be helpful in positioning the Light Bar Assembly.

1. Put a pair of male and female clamp halves together just above the lower triple-clamp. Squeeze the ends of the clamp together with a pair of pliers. Diagram A.
2. Have an assistant position the Light Bar Assembly so the lightbar bracket is to the outside of the clamp assembly. Make sure the wires from the Light Bar Assembly are below the lower triple clamp. Diagram B.
3. Insert a Screw through the clamp and Light Bar Assembly mounting bracket and thread on an Acorn Nut.
4. Hold the Light Bar Assembly in place in front of the lower triple clamp, assemble and attach the remaining clamps.
5. With all four clamp assemblies in place, tighten the clamping screws and nuts to 15 ft. lbs. (21 Nm).

WIRING

Refer to the service manual to gain access to the wire harness inside the head light shell. Also, verify the appropriate color wires for hook-up of the passing lamps and turnsignals and running lights.

Route the wires from the Light Bar Assembly, around the lower triple-clamp, and up to headlight shell. Secure the wires so they cannot become pinched when turning the fork.

- A. The short black wires from the Light Bar Assembly connect to the wires powering the running lights.
- B. The short red wires from the Light Bar Assembly connect to the wires powering the turnsignals.
- C. The long red wires from the Light Bar Assembly connect to the wire powering the headlight low beam.

TESTING

After the wires are connected, verify the operation of the passing lamps, running lights and turnsignals. Correct any connection problems before reassembling the motorcycle.

Reinstall the head lamp. Check all fasteners used during this installation for tightness.

Diagram A.

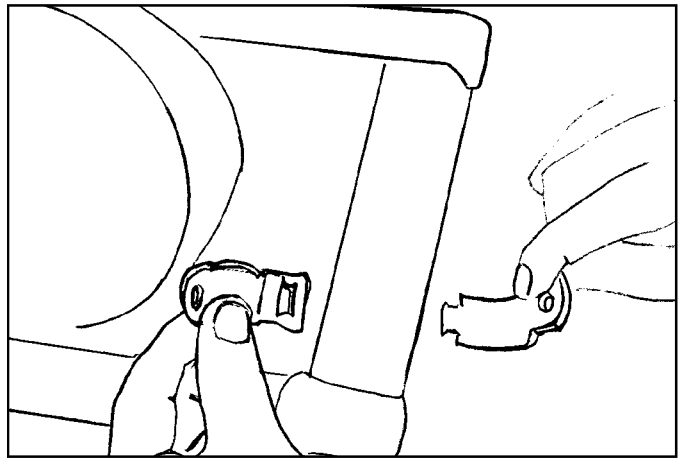
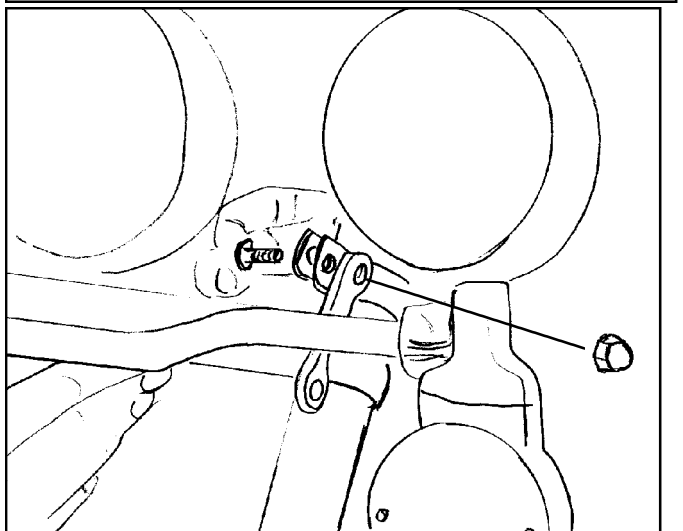
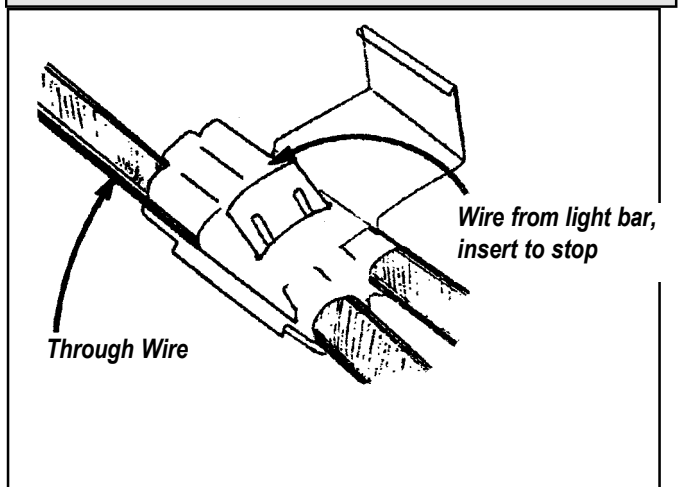


Diagram B.



Wiring



ADJUSTMENT PROCEDURE

HORIZONTAL AIM

A. To adjust the Spotlights or Turnsignals 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

(In addition to the tools needed for installation)



Hex Key, 5/32" or 4mm

Deep Socket and Socket ; 9/16" or 14mm

A slotted 9/16" Socket (SNAP ON part #FRX 181, is one source) will allow adjustment without having to pull wires

- A. Disconnect wire connections inside the Headlight Shell.
- B. Pull the wires out of the Light Bar tube.
- C. Turn the Turnsignal to provide access to the mounting screws.
- D. Unscrew the Turnsignal mounting screws and remove the Turnsignal (Hex Key).
- E. Push the Spotlight wire up into the Spotlight Shell.
- F. Loosen the nut on the Spotlight stud (Deep Socket).
- G. Now, adjust the Spotlight. Reconnect the spotlight wire and illuminate to verify its projection.
- H. Push wire into the Spotlight Shell.
- I. Firmly retighten the nut on the Spotlight stud.
- J. Pull the wire out of the Spotlight Shell.
- K. Reassemble in reverse order of disassembly.
- L. Adjust the Spotlights and Turnsignals horizontally by rotating into position.
- M. Verify operation of the lights.

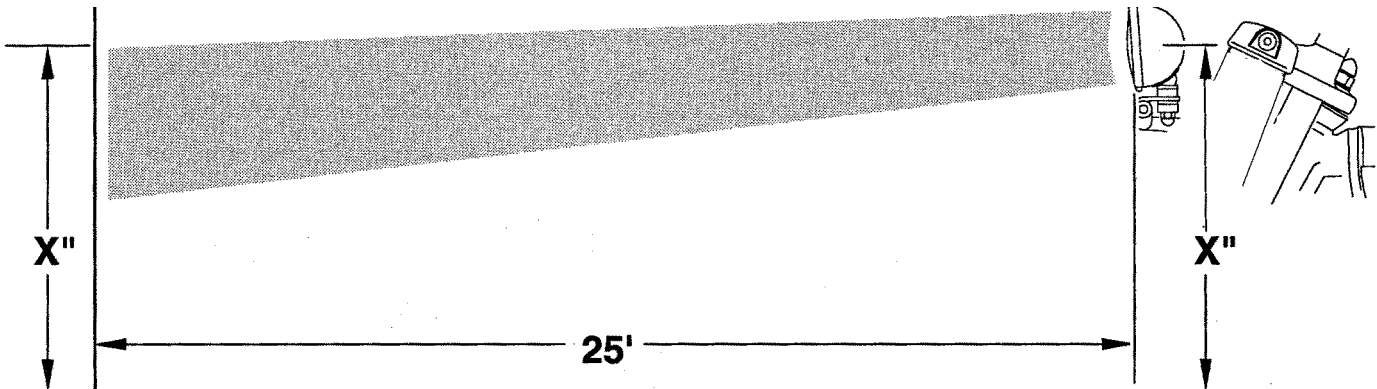
Cruiseline™ hard saddlebags for XVS.

Pictured: N1101 (N1103 European reflector) on XVS1600. Mounted with hardware kit SB306.

XVS1100 Custom: N1101 (N1103 European reflector) and mount kit SB305

XVS650 Custom: N1100 (N1102 European reflector) and mount kit SB303

XVS650 Classic: N1101 (N1103 European reflector) and mount kit SB302



MAINTENANCE AND CARE

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

Replacement lamps for the Spotlights can be found at motorcycle dealer and motorcycle accessory dealers world-wide, particularly dealers specializing in Harley-Davidson® motorcycles.

Replacement bulbs for the Turnsignals can be found at motorcycle and accessory dealers, as well as automobile parts stores.

