

REVISED 3/22/2011

TOOLS REQUIRED: #2 PHILLIPS SCREWDRIVER	13MM WRENCH	12MM WRENCH	5MM ALLEN WRENCH
DRILL	2MM ALLEN WRENCH	6MM ALLEN WRENCH	THREADLOCKER
14MM SOCKET WRENCH	4MM ALLEN WRENCH	13/16" DRILL BIT	

#### HARDWARE INCLUDED:

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|---|---|--------------------|
| (3) M6-1.0 X 16MM LONG BUTTON SOCKET HEAD CAP SCREW   | (3) M6 LOCK WASHER                            | (2) M8 LOCK WASHER |
| (4) M4-0.7 X 6MM LONG CUP POINT SOCKET HEAD SET SCREW | (2) M8 LOCK WASHER                            | (2) EXTENSION NUT  |
| (2) M6-1.0 X 15MM LONG BUTTON SOCKET HEAD CAP SCREW   | (2) M8-1.25 NYLOCK HEX NUT                    |                    |
| (2) M4-0.7 X 3MM LONG CUP POINT SOCKET HEAD SET SCREW | (2) M8-1.25 X 20MM LONG SOCKET HEAD CAP SCREW |                    |

**NOTE: THREADLOCKER SHOULD BE USED ON ALL HARDWARE.**

#### INSTALLATION:

1. DISCONNECT THE NEGATIVE BATTERY CABLE.
2. USING PHILLIPS SCREWDRIVER, REMOVE THE TWO SCREWS ON THE SIDE OF THE HEADLIGHT AND REMOVE THE HEADLIGHT.
3. USING A 13MM WRENCH REMOVE THE TWO NUTS UNDER THE LOWER FORK ASSEMBLY WHICH HOLD THE OEM HEADLIGHT BRACKET. (THESE NUTS WILL NOT BE REUSED)
4. INSTALL THE TWO LONG EXTENSION NUTS (C) IN PLACE OF THE OEM NUTS AND TIGHTEN SECURELY WITH A 12MM WRENCH.
5. USING THE TWO M8 - 1.25 X 20MM LONG SOCKET HEAD CAP SCREWS AND LOCK WASHERS PROVIDED (D) ATTACH MOUNTING PLATE (E) ONTO THE EXTENSION NUTS ( C ) AND TIGHTEN USING 6MM ALLEN WRENCH.
6. INSTALL THE NEW SPOT LIGHTS (H) ONTO THE LIGHT BAR (G) USING LOCK NUTS AND LOCK WASHERS (J) PROVIDED WITH THE LIGHTS. POSITION THE LIGHTS. TIGHTEN WITH A 14MM SOCKET.

**NOTE: STEPS 7, 8, 9, & 11 ARE FOR INSTALLING OEM TURN SIGNALS WITH PURCHASE OF 55-122T ADAPTERS.**

7. TO RELOCATE THE OEM TURN SIGNALS (K) REMOVE THEM USING A 5MM ALLEN WRENCH, UNPLUG THE WIRE LEADS THAT GO INTO THE HEADLIGHT HOUSING.
8. INSTALL EACH OEM TURN SIGNAL (K) ONTO THE TURN SIGNAL ADAPTER (L) ROUTING THE WIRES THROUGH THE EXTRA HOLE IN THE ADAPTER. THEN USING THE M6 - 1.0 X 15MM LONG BUTTON SOCKET HEAD CAP SCREW (M) TIGHTEN WITH A 5MM ALLEN WRENCH.
9. ROUTE THE TURN SIGNAL WIRES AND SPOT LIGHT WIRE UNDER THE LIGHT BAR (G).
10. THE TURN SIGNAL ADAPTER (L) WITH OEM TURN SIGNAL (K) CAN BE POSITIONED INTO THE LOWER ENDS OF THE LIGHT BAR (G) AND SECURED WITH THE SET SCREWS (N) THE SHORT SET SCREWS GO IN THE BACK HOLES. THERE ARE THREE SET SCREWS ON EACH SIDE.

**NOTE: THERE ARE THREE DIFFERENT SETS OF MOUNTING HOLES ON THE LIGHT BAR THIS IS FOR ADJUSTABILITY BETWEEN BIKES. CHOOSE THE ONES THAT WILL GET THE LIGHT BAR CLOSEST TO THE FORKS WITHOUT HITTING ANYTHING.**

11. USING THE M6 - 1.0 X 16MM LONG BUTTON SOCKET HEAD CAP SCREWS AND LOCK WASHERS PROVIDED (F) INSTALL THE LIGHT BAR (G) ONTO THE MOUNTING PLATE (E). TIGHTEN SECURELY WITH A 4MM ALLEN WRENCH.
12. RE-ROUTE THE TURN SIGNAL WIRES INTO THE HEADLIGHT HOUSING AND RE-CONNECT AS THEY WERE.
13. LOCATE YOUR BIKE'S BATTERY, FUSE BLOCK, AND/OR ACCESSORY TERMINALS AND WIRE ACCORDING TO THE DIAGRAM ON BACK.

**NOTE: IF A 13-207/52-605/52-605L SWITCH BLOCK IS PURCHASED, STEPS C, D & E CAN BE SKIPPED AND PLUG ONE OF THE SWITCHES INTO THE RELAY.**

- A) REMOVE THE BULLET CONNECTORS ON BLACK WIRES TO BULLET CONNECTORS ON LIGHT.
  - B) WIRE SMALL GREEN AND RED HARNESS WITH IN-LINE FUSE DIRECTLY TO BATTERY: RED (+) POSITIVE, GREEN (-) NEGATIVE.
  - C) FIND A CONVENIENT PLACE TO INSTALL THE SWITCH. DRILL A PILOT HOLE FIRST AND THEN DRILL A 13/16" HOLE. (CAN BE INSTALLED IN SIDE COVER.)
  - D) ROUTE WIRE HARNESS AND PLUG THREE SPADE CONNECTORS TO SWITCH PER DIAGRAM: (GREEN=GROUND, ORANGE=SUPPLY, BLUE=LEAD.)
  - E) CONNECT THE RING TERMINAL TO THE BATTERY GROUND AND SPLICE THE T-TAP INTO A KEYED POWER SOURCE AND CONNECT THE MALE SPADE.
  - F) CONNECT THE REMAINING FIVE LEADS (2 BLACK, 1 RED, 1 BLUE, AND 1 GREEN) TO THE RELAY PROVIDE AS PER DIAGRAM.
14. TEST LIGHTS FOR PROPER OPERATION BEFORE REINSTALLING ANY REMOVED SIDE COVERS, SEATS, ETC. SECURE RELAY TO KEEP FROM BOUNCING.
  15. USE THE ADHESIVE WIRE HOLDER TO HOLD WIRE UNDERNEATH THE LIGHT BAR AND OUT OF SIGHT.

