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PART NO. 82-222  
82-222L / 82-222BL

CONTOUR DRIVING LIGHT  
FITS SUZUKI VL800, C50

Revised 03/22/2011

TOOLS NEEDED:	#2 PHILLIPS SCREWDRIVER	DRILL	10MM SOCKET WRENCH	THREADLOCKER
	4MM ALLEN WRENCH	12MM SOCKET WRENCH	14MM SOCKET WRENCH	3/16" DRILL BIT
	6MM ALLEN WRENCH	2MM ALLEN WRENCH	3MM ALLEN WRENCH	

HARDWARE INCLUDED: (3) M6-1.0M X 16MM LONG BUTTON SOCKET HEAD CAP SCREW (3) M6 LOCK WASHER (2) M8-1.25 HEX NUT  
(2) M8 LOCK WASHER (2) M8-1.25 X 15 LONG SOCKET HEAD CAP SCREW (2) EXTENSION NUT  
(4) M4-0.7 X 6MM SOCKET HEAD SET SCREW (2) M4-0.7 X 3MM SOCKET HEAD SET SCREW

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

1. DISCONNECT THE NEGATIVE BATTERY CABLE.
2. USING A 3MM ALLEN WRENCH REMOVE THE SCREW UNDERNEATH THE OEM TURN SIGNAL BAR COVER. REMOVE THE COVER.
3. USING A PHILLIPS SCREWDRIVER REMOVE THE SCREW ON EACH SIDE OF THE HEADLIGHT HOUSING. REMOVE AND UNPLUG THE HEADLIGHT.
4. USING A 14MM WRENCH REMOVE THE NUT HOLDING EACH TURN SIGNAL TO THE TURN SIGNAL BRACKET. FOLLOW THE WIRES INTO THE HEADLIGHT HOUSING AND UNPLUG. BE SURE TO MARK WHICH IS THE LEFT OR RIGHT TURN SIGNAL.
5. **VL800 ONLY:** USING A PHILLIPS SCREWDRIVER REMOVE THE SCREW AT THE BACK OF EACH TURN SIGNAL THAT IS HOLDING TURN SIGNAL TO MOUNTING STEM AND REMOVE THE MOUNTING STEM. YOU WILL HAVE TO CUT THE WIRES OR THE WIRES WILL NOT FIT THROUGH THE HOLE.
6. USING THE 6MM ALLEN WRENCH REMOVE THE TWO SCREWS HOLDING THE TURN SIGNAL BRACKET TO THE TRIPLE TREE AND REMOVE THE BRACKET.
7. USING A 10MM SOCKET REMOVE THE TWO SCREWS HOLDING THE PLASTIC WIND DEFLECTOR UNDERNEATH THE TRIPLE TREE.
8. INSTALL THE SPOT LIGHTS (H) ONTO THE LIGHT BAR (G) USING THE NUT AND LOCK WASHER (P) PROVIDED WITH THE LIGHTS. POSITION THE LIGHTS AND TIGHTEN WITH A 14MM SOCKET.

**NOTE: STEPS 9,10, & 14 ARE FOR INSTALLING OEM TURN SIGNALS WITH 82-222T OR 82-229T ADAPTERS.**

9. **VL800 ONLY:** INSTALL EACH OEM TURN SIGNAL (K) ONTO THE TURN SIGNAL ADAPTER (L), ROUTING THE WIRES THROUGH THE EXTRA HOLE IN THE ADAPTER. USE THE M6 - 1.0 X 10MM LONG FLAT HEAD SCREW PROVIDED TO ATTACH THE TURN SIGNAL TO THE TURN SIGNAL ADAPTER.
10. ROUTE THE OEM TURN SIGNAL WIRES AND THE SPOT LIGHT WIRE UNDER THE LIGHT BAR (G).
11. 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.
12. INSTALL THE MOUNTING PLATE (E) TO THE BOTTOM OF THE TRIPLE TREE USING THE 20MM EXTENSION NUTS (A) AND M8 - 1.25 X 15MM LONG SOCKET HEAD CAP SCREWS (C) PROVIDED.

**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.**

13. USING THE M6 - 1.0 X 16MM LONG BUTTON SOCKET HEAD CAP SCREWS AND LOCK WASHERS PROVIDED (B), INSTALL THE LIGHT BAR (G) TO THE MOUNTING PLATE (E). TIGHTEN SECURELY WITH A 4MM ALLEN WRENCH.
14. REINSTALL THE PLASTIC WIND DEFLECTOR THAT WAS REMOVED IN STEP #7.
15. RE-ROUTE THE TURN SIGNAL (K) WIRES. WIRE INTO THE HEADLIGHT HOUSING AND RE-CONNECT AS THEY WERE. YOU MAY NEED TO ADD LENGTH TO THE WIRES.
16. LOCATE YOUR BIKE'S BATTERY FUSE BLOCK AND OR ACCESSORY TERMINALS AND WIRE ACCORDING TO THE DIAGRAM ON THE BACK.

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

A) CONNECT 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 AND 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 THE WIRE HARNESS AND PLUG THREE SPADE CONNECTORS TO THE SWITCH AS PER THE 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 PROVIDED AS PER DIAGRAM.

17. TEST THE LIGHTS FOR PROPER OPERATION BEFORE REINSTALLING ANY REMOVED COVERS, SEATS, ETC. SECURE RELAY TO KEEP FROM BOUNCING.

18. USE THE ADHESIVE WIRE HOLDER TO HOLD THE WIRES UNDERNEATH THE LIGHT BAR AND OUT OF SIGHT.

**C50 ONLY: USE THE OEM NUT TO ATTACH THE TURN SIGNAL (K) TO THE TURN SIGNAL ADAPTER (L).**

