

TROUBLESHOOTING GUIDE



Dynamic Load Isolator

PRE TROUBLESHOOTING CHECKLIST

- HAS THE STOCK LIGHTING BEEN REMOVED?
- IS THERE A RUN, BRAKE AND TURN CONTROLLER INSTALLED ON THE BIKE?
- CONFIRM WHAT TYPE OF ACCESSORY LIGHTING THE DLI POWERING.
- IS THERE A STROBE INSTALLED?
- CONFIRM ALL STOCK LIGHTING WORKING WITHOUT DLI INSTALLED.

SYMPTOM	POSSIBLE CAUSE	REMEDY
THE MODULE IS INSTALLED BUT THERE NO FUNCTION ON THE OUTPUT OF THE DLI	1.MODULE WAS INSTALLED IN THE WRONG CONNECTOR LOCATION FOR MODEL.	1.LOCATE CORRECT CONNECTOR.
	2.BLOWN FUSE.	2. REPLACE FUSE/INVESTIGATE FOR SHORT CIRCUITS
	3.LOOSE OR BROKEN CONNECTION TO THE BATTERY	3. LOCATE LOOSE OR BROKEN TERMINAL ON BATTERY. TIGHTEN CONNECTION OR REPAIR BROKEN TERMINAL.
	4.NO POWER ON THE WAKE	4. USE TEST LIGHT OR VOLTMETER TO CONFIRM VOLTAGE ON WAKE. IF VOLTAGE NOT PRESENT, INVESTIGATE IF IT'S A BAD CONNECTION OR ISSUE WITH CIRCUIT ON BIKE.
TURN SIGNALS RAPID FLASH	1.THERE IS A TURN SIGNAL BULB NOT OPERATIONAL	1.INSPECT AND REPAIR TURN SIGNAL BULB
	2. CANBUS MODELS: THE STOCK TURN SIGNALS HAVE BEEN REMOVED	2. RE-ESTABLISH LOAD ON STOCK TURN SIGNAL CIRCUIT BY USING CAN-ADAPTERS. HARLEY DAVIDSON CANBUS MODELS: PERFORM BCM SYNC BY RUNNING THE HAZARDS WITH THE BIKE POWERED OFF FOR 1-2 MINUTES
OUTPUT BRAKE OF THE DLI DOES NOT STROBE WITH BRAKE STROBE INSTALLED	1.STROBE INSTALLED ON THE OUTPUT OF THE DLI.	1.MOVE STROBE TO THE INPUT OF THE DLI.
	2.STROBE NOT OPERATIONAL	2.TROUBLESHOOT STROBE

TROUBLESHOOTING GUIDE



Dynamic Load Isolator (CONTINUED)

SYMPTOM	POSSIBLE CAUSE	REMEDY
STOCK TURN SIGNALS FLASH AT PROPER RATE, DLI OUTPUT TURN SIGNALS STAY SOLID.	1. NOT ENOUGH LOAD ON DLI INPUT	1. ADD 1K 2 WATT RESISTOR. IN PARRALLEL ON EACH OF THE TURN SIGNAL INPUTS. VERIFY BY PROBING INPUT LEFT AND RIGHT TURNS WITH A TEST LIGHT TO SIMULATE LOAD.
WITH DLI INSTALLED STOCK REAR LIGHTING DOES NOT OPERATE PROPERLY	1. POSSIBLE LOOSE PIN, BAD CRIMP OR CONNECTION ON THE PASS THROUGH HARNESS 2. IMPROPER PINOUT/WIRE FUNCTION	1. LOCATE BROKEN CONNECTION, BAD CRIMP WITH OHM METER OR VOLTMETER. 2. CHECK PINOUT AND WIRE FUNCTION WITH VOLTMETER OR TEST LIGHT.
TURN SIGNALS OF THE DLI HAVE ADDED FUNCTIONS, BRAKE OVERRIDES TURN SIGNAL ON PORT 11 AND 12.	1. RUN, BRAKE AND TURN MODULE INSTALLED ON THE INPUT OF THE DLI	1. MOVE RUN, BRAKE AND TURN MODULE TO THE OUTPUT SIDE OF THE DLI.

END OF GUIDE.