

## THE ILLUMINATOR PRO III – METRIC : TECH BULLETIN

THIS TECH BULLETIN IS IN REFERENCE TO THE NEWER METRIC AND EUROPEAN MOTORCYCLES THAT NOW HAVE THE TURN SIGNAL CIRCUIT BUILT INTO THE ECM ( ELECTRONIC CONTROL MODULE ) .

WHEN WE FIRST DESIGNED THIS MODULE , MOST MOTORCYCLES WERE A LOT SIMPLER . THIS MODULE IS REALLY MADE FOR MOTORCYCLES WITH A STAND ALONE FLASHER SYSTEM . THIS MODULE WILL WORK ON ANY 12 VOLT SYSTEM AND ON ANY MOTORCYCLE HOWEVER , AS THE COMPLEXITY OF THE TURN SIGNAL WIRING CIRCUIT INCREASES , SO DOES THE COMPLEXITY OF THE INSTALLATION OF THIS MODULE .

IF THIS MODULE IS TO BE INSTALLED ON A BIKE WHERE THE FLASHER SYSTEM IS A PART OF THE ECM , THEN THE TURN SIGNAL WIRE MUST BE IDENTIFIED WITH A TEST LIGHT , LABELED AND REMOVED OUT OF THE ECM . IT IS YOUR RESPONSIBILITY TO CONTACT THE DEALER AND MAKE SURE THIS WILL NOT AFFECT THE FUNCTION OF THE ECM , SUCH AS IF YOUR BIKE HAS AN ALARM . REMOVING ( DE-PINING ) THE WIRES FROM THE ECM IS NOT MUCH DIFFERENT THAN REMOVING THE FLASHER FROM THE CIRCUIT OTHER THAN THE UNKNOWN FACTOR OF : IS IT GOING TO AFFECT THE ECM .

IT IS UP TO YOU TO DETERMINE IF THE TIME AND EFFORT OF INSTALLING THIS MODULE IS WORTH THE FUNCTIONS OF THIS MODULE . I INSTALLED ONE ON MY 1998 BUELL BECAUSE I WAS USED TO SELF CANCELING TURN SIGNALS ON MY HARLEY-DAVIDSONS . I WAS ALWAYS LEAVING THE TURN SIGNALS ON ( WHICH TO ME IS A HUGE LIABILITY OF HAVING SOMEONE PULL OUT IN FRONT OF YOU, THINKING YOU WERE TURNING INTO THE STREET THEY WERE EXITING ) .

SO , IF YOU DECIDE YOU WANT TO INSTALL THIS MODULE , THE ONLY THING DIFFERENT YOU WILL DO UPON INSTALLATION IS TO REMOVE THE TURN SIGNAL WIRES FROM THE ECM , LABEL THEM , AND INSURE THAT REMOVING THE WIRES WILL NOT AFFECT THE ECM . OTHER THAN THAT , THIS MODULE WILL INSTALL ON ANY MOTORCYCLE OTHER THAN HONDA'S ( WHICH IS ANOTHER CAN OF WORMS , DUE TO THEIR TURN SIGNAL SWITCH / FRONT RUNNING LIGHT ) AND NEWER BMW'S OR BIKES WITH ABS BRAKING . IF YOU HAVE ANY QUESTIONS , PLEASE DO NOT HESITATE TO CALL US .

BEST WISHES ,  
RICK ECKHARDT  
GENERAL MANAGER  
BADLANDS MOTORCYCLE PRODUCTS