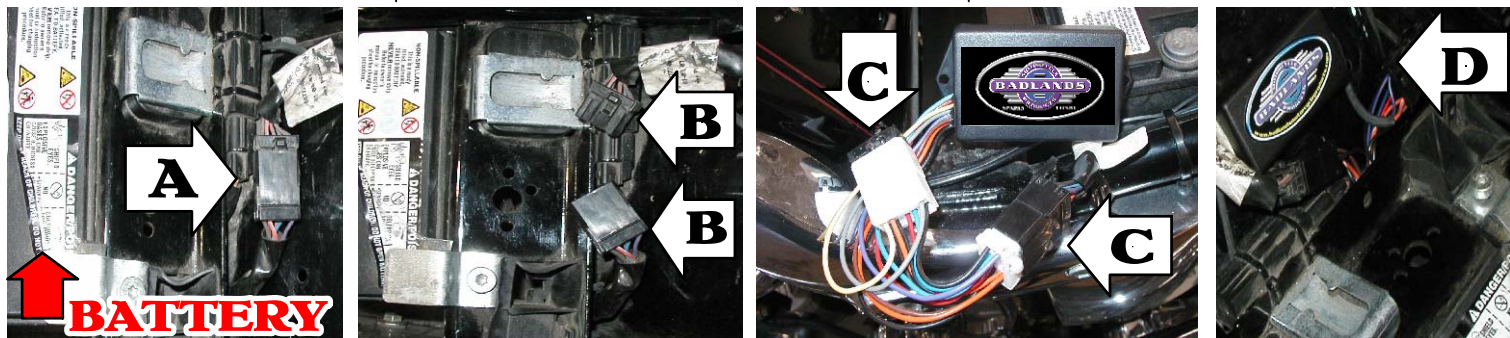


# INSTRUCTIONS FOR THE "ILLUMINATOR" RUN, BRAKE & TURN PLUG-IN MODULE INSTALLATION FOR HARLEY- DAVIDSONS EQUIPPED WITH A TSM, TSSM OR HFSM SYSTEM TSM=TURN SIGNAL MODULE / TSSM=TURN SIGNAL SECURITY MODULE / HFSM=HANDS FREE SECURITY MODULE



**STEP # 1** IT IS NOT NECESSARY TO DISCONNECT YOUR BATTERY. IF YOU DO, THE REPROGRAMMING PROCEDURE IS ON THE BACK OF THIS SHEET FOR TSSM MODELS THRU 2006. ON 2007 & UP, REPROGRAMMING SHOULD NOT BE NECESSARY(SEE BELOW).

**STEP # 2** REMOVE THE SEAT AND MAKE ALL PLUG CONNECTIONS UNDERNEATH THE SEAT, THIS IS THE CONNECTOR BLOCK THAT FEEDS THE TAILLIGHT AND TURN SIGNALS.

THE CONNECTORS ON OUR MODULE WILL LOOK LIKE AND FIT THE OEM CONNECTORS. MAKE SURE THE CONNECTORS ARE CLEAN AND FREE OF ROAD GRIME !

**STEP # 3** UNPLUG THE FACTORY OEM CONNECTORS ( PHOTO A & B ).

**STEP # 4** PLUG THE BADLANDS MODULE INTO THE FACTORY PLUGS ( PHOTO C ).

**STEP # 5** FIND A SECURE PLACE TO MOUNT THE MODULE, USE ZIP TIES TO SECURE THE MODULE. TRY TO SECURE THE MODULE TO THE FRAME IF POSSIBLE ( PHOTO D ). MAKE SURE YOUR WIRES ARE NOT BY ANY SHARP OBJECTS, NEATLY TUCK THEM AWAY. PUT YOUR SEAT BACK ON, TURN ON THE KEY AND TEST SYSTEM . IF YOU HAVE AN ALARM, MAKE SURE IT FUNCTIONS CORRECTLY ( ON ACCESSORY TOO ). YOU'RE GOOD TO GO.

SHOULD YOU HAVE ALARM OR RADIO NOISE ISSUES, YOU HAVE 2 OPTIONS:

**OPTION 1**, LOCATE THE BROWN WIRE WITH A GRAY STRIPE. USE YOUR TEST LIGHT TO DETERMINE THAT THIS WIRE HAS POWER WITH THE KEY OFF. THIS WIRE IS CONNECTED TO THE TSSM (TURN SIGNAL / SECURITY MODULE). ON SOME MODELS THE HFSM / TSSM MODULE IS LOCATED UNDER THE SEAT, BATTERY, OR BY THE TRANSMISSION. THE WIRE CAN ALSO BE ACCESSED ON THE "BATTERY" FUSE, AT THE FUSE PANEL. REMOVE OUR ORANGE WIRE FROM THE PLUG, ON THE MODULE SIDE. SCOTCH LOCK THE ORANGE WIRE FROM OUR MODULE TO THE BROWN WIRE WITH GRAY STRIPE.

**OPTION 2**, YOU CAN PICK UP AN INLINE 7 1/2 AMP FUSE AT YOUR LOCAL AUTO PARTS STORE, REMOVE THE ORANGE WIRE (AS ABOVE), CONNECT IN THE INLINE FUSE AND GO RIGHT TO THE POSITIVE POST ON YOUR BATTERY. THIS FIX WORKS BEST FOR RADIO NOISE COMING THRU THE SPEAKERS. THAT'S IT ! YOU ARE CLEARED FOR TAKE OFF !

**FOR HFSM** : SHOULD YOU HAVE ISSUES, REMOVE MAXI FUSE FOR 5MIN, RE-INSTALL.

