

DIODE FIX FOR CHEESEY LED TAILLIGHTS

IF YOU ARE USING OR HAVE INSTALLED AN LED TAILLIGHT, LED REPLACEMENT BULB OR CIRCUIT BOARD, AND HAVE OR ARE INSTALLING OUR BADLANDS " ILLUMINATOR " RUN, BRAKE & TURN MODULE, YOU MAY NEED TO INSTALL A DIODE. IF YOU DO NOT GET BOTH (LOW) RUNNING & (HIGH) BRAKE LIGHT FUNCTIONS IN THE TURN SIGNALS WHEN YOU DEPRESS THE BRAKE LEVER, YOU WILL NEED TO INSTALL THE RECTIFIER DIODE BELOW. WHAT'S UP WITH THAT! THE LED TAILLIGHT CIRCUIT SENDS RUNNING LIGHT POWER THRU THE CIRCUIT BOARD (WHERE THE DIODE SHOULD BE), INTO THE BRAKE LIGHT WIRE AND BACK DOWN THE HARNESS TO THE PLUG. THAT POWER, NOW TURNS ON OUR BRAKE LIGHT MODE INTO THE MODULE, AND OUT TO THE SIGNALS. BELOW IS A SIMPLE & INEXPENSIVE FIX: STOP BY FRY'S OR RADIO SHACK AND PICK UP A PIECE OF HEAT SHRINK & THE RECTIFIER DIODE IN BELOW DIAGRAM.

- 1 CUT THE RED JUMPER WIRE IN HALF.
- 2 SLIP 2 1/2 INCHES OF HEAT SHRINK OVER ONE END OF THE CUT RED WIRE.
- 3 CUT YOUR DIODE TO 1 1/2 INCHES AND SOLDER IN LINE (TEST FIT YOUR HEAT SHRINK FIRST - STEP 4) MAKING SURE THE CATHODE BAND IS FACING THE FEMALE PLUG !!!
- 4 SLIDE THE HEAT SHRINK OVER THE DIODE MAKING SURE THAT A 1/2 INCH OF EACH SIDE OF THE INSULATION IS COVERED BY THE HEAT SHRINK. THAT'S IT!

