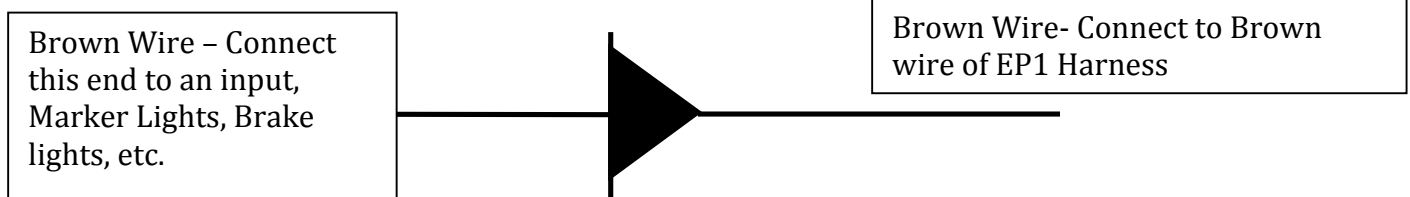


# Diode Harness Installation

Purpose of the Diode Harness is to allow multiple inputs.



The EP1 has the built in feature that allows the operator to remove the key in a case of Handicap Child, to help him/her off or on the bus. In a normal installation, the activation wire which is Brown Wire of the EP1, is connected to an input that is used to signal the system that a child has just been picked up by the school bus. The EP1 is then put into Standby Mode. Once the ignition is cycled off, the EP1 will begin to sound the alert that the *Child Check* needs to be completed. In the case where the operator does not want the system to activate immediately a Diode Harness is connected to another source, e.g. clearance lights. The clearance lights are then turned on, this will silence the alarm up to 10 minutes - this timing is programmable. During this time, the operator will be able to escort a handicap child off the bus. (The clearance lights must be turned on before the ignition is turned off).