



**INSTRUCTIONS  
TRUCK MANAGEMENT MODULE  
HORN ALARM AND OPERATOR SELECTED  
CONTROLLED ACCELERATION RATE**

**GENERAL**

The Truck Management Module (TMM2) (IC3645TMM2A) is a multi-function accessory card used with the EV-100/200 series SCR controls. The TMM2 card provides a horn alarm circuit which blows the horn when the truck is left unattended without the park brake being set, and also provides a dash board located controlled acceleration adjustment for use by the operator.

**HORN ALARM OPERATION**

**PURPOSE**

If the operator leaves the seat without applying the parking brake, the horn sounds a warning.

**OPERATION**

The horn is activated by the combination of the seat switch and parking brake switch signals under the following conditions:

- Seat switch: Operator is off seat for greater than 2 seconds.
- Park Brake: Off (Brake released).
- Horn: Activated

Note: Regardless of key switch state (on or off) the horn will sound when the above conditions occur.

The horn will stop sounding when the parking brake is applied (on) or the operator sits on the seat.

See elementary drawing for connection information.

**CUSTOMER SUPPLIED EQUIPMENT**

Two park brake switches and one seat switch. Switches are to operate as follows:

	Seat Off	Seat On	Park Off	Park On
Park Sw (SCR)			closed	open
Park Sw (Horn)			closed	open
Seat Sw (SCR)	open	closed		

**WARNING: Horn used must have a current loading of less than 5 amps.**

**OPERATOR SELECTED CONTROLLED  
ACCELERATION ADJUSTMENT (OSCAA)**

**PURPOSE**

The purpose of this function is to allow the operator to adjust the acceleration rate of the truck by means of a control knob mounted on the dash board of the truck. This adjustment provides for slow acceleration in narrow work sites and rapid acceleration when speed of the operation is required.

**OSCAA OPERATION**

This function allows the operator to vary the controlled acceleration rate of the SCR control 3.5 seconds longer than the rate set at the main control card. The operator adjustment knob will add .5 to 3.5 seconds to the internal adjustment of controlled acceleration.

Example:	Card Setting	Dash Control Adjustment range
	0.5 seconds	1.0 to 4.0 seconds
	2.0 seconds	2.5 to 5.5 seconds

See elementary drawing for connection.

**WARNING: Due to the low level signal power required for the dash board mounted control potentiometer, the TMM2 card must be mounted as near the dash board potentiometer as possible.**

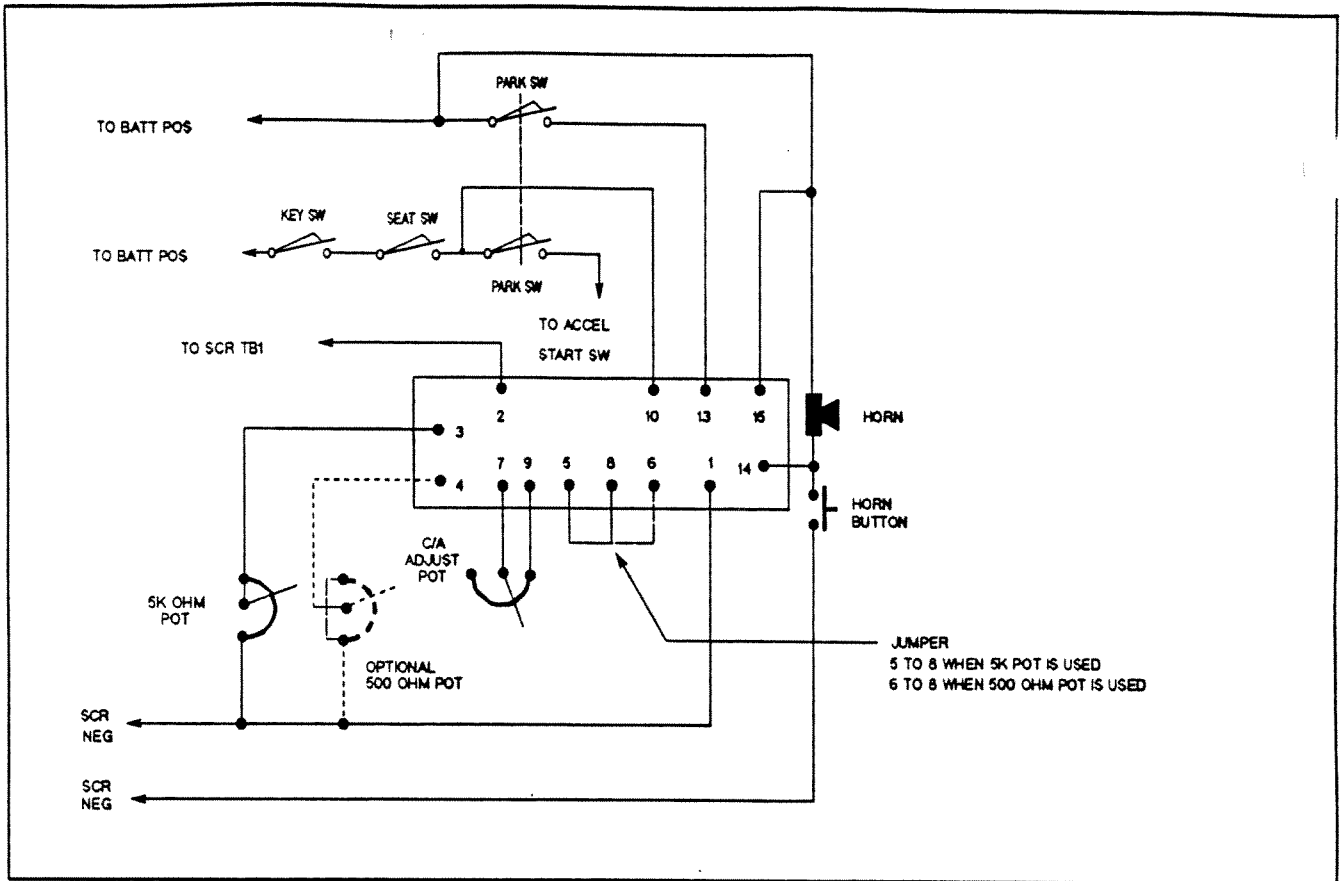
**CUSTOMER SUPPLIED EQUIPMENT**

One - 10K ohm potentiometer suitable for dash board mounting. Due to low power requirement, wattage rating is not important, however, normally a 2 watt potentiometer would be used for it's mechanical strength.

**STANDARDS**

This accessory card has been successfully applied to meet Underwriter's Laboratory standards. Some of the test the card has passed are UL dielectric, Department of Forestry shock and vibration, and radio interference.

# CONNECTION DIAGRAM



# OUTLINE DRAWING

