



TRANSPONDER

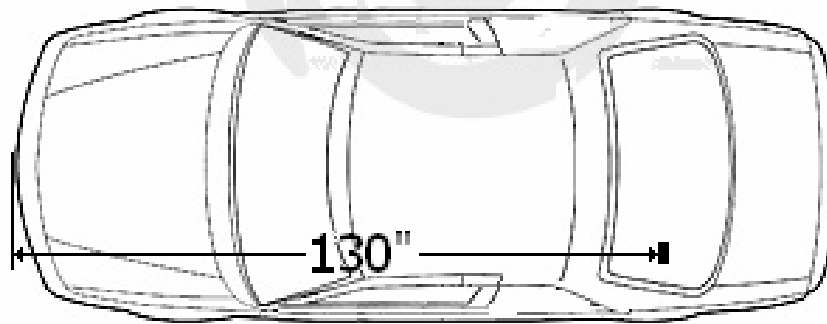
Installation Instructions, Rules & Penalties

Transponder Scoring

Varney Motor Speedway has switched to transponder scoring using the Westhold "Race Management" transponders and software. Transponder scoring will allow for more accurate scoring and determining the order of finish. Line-ups for restarts after cautions will be an accurate reflection of the running order of the last completed lap. Transponder scoring becomes effective May 9, 2009. All participants, excluding Trains, **must** have a transponder installed by June 6, 2009 in order to be scored, awarded points and paid.

Installation

1. The transponder is to be securely mounted to the vehicle on either the left or right frame rail. There should be no material between the transponder and the ground.
2. The distance **between** the furthest-most edge of the front of the vehicle and the transponder is to be no less than 130".



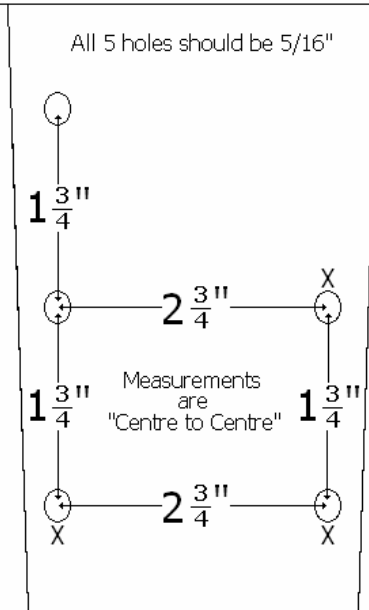
Space in between front of car and transponder must not be less than 130"

If the transponder is mounted more than 130" from the front of the vehicle, the vehicle will be at a disadvantage and may be scored in a lower than finished position if another competitor is racing that close.

3. The transponder must **not** be mounted lower than the frame rails. There is no minimum or maximum allowed height. There is no advantage gained by mounting the transponder closer to the ground. **Mount the transponder so it will be protected!**
4. A bracket resembling the diagram at the top of the next page is to be welded to the vehicle. This design allows for the strongest transponder signal with the least interference.

INSTALLATION (continued)

Frame Rail (Left or Right)



5. Two gussets must be welded to the frame rail and the mounting bracket. One gusset is to be welded to each side of the bracket. When attaching this bracket to the vehicle, be aware the transponder will be fastened to the bottom of this bracket and will hang down one inch. Mount the bracket so the transponder will not be lower than the frame rail. *Protect your investment!*
6. The transponder is to be bolted to the bottom of the bracket with the label on the transponder facing the ground. The transponder is to be mounted to the bracket using three 1/4" bolts with Nylock nuts. The three holes marked with an "X" on the diagram are to be used. The two holes on the upper left are to be left unobstructed for a security seal to be fastened once the transponder installation passes technical inspection.
7. Connect the black wire from the transponder to battery negative or a clean chassis ground.
8. Connect the red wire from the transponder to a 1 Amp fused positive 12 volt supply. This 12 volt supply should be OFF when the vehicle is not running. When power is delivered to the transponder both the red and green LEDs will illuminate momentarily. The red LED will turn off and the green LED will flash approximately once per second to indicate the transponder is functioning properly. If only the red LED is lit this indicates that the vehicle's voltage is too low for the transponder to function.

NOTE: Varney Motor Speedway is NOT responsible for improperly installed or improperly connected transponders. The owner of the vehicle is solely responsible to insure that the transponder is installed in a fashion in which it is protected both physically and electrically.

RULES

1. Once the transponder has been deemed to be installed in the correct location, a numbered plastic security seal will be placed on the transponder and the bracket. Each week, in pre-race tech, this seal will be checked. If the seal is missing or the number does not match the recorded number, the location of the transponder will be verified. If the transponder is less than 130" from the front of the vehicle, the transponder must be properly relocated before the vehicle is allowed to race.
2. If the vehicle receives damage that causes the transponder to be less than 130" from the front of the vehicle, the vehicle may race in this condition **ONLY** on the night the vehicle received the damage.
3. When a vehicle has been damaged on a previous race night where the damage has resulted in the transponder to be less than 130" from the front of the vehicle, the vehicle is to be repaired **OR** the transponder is to be relocated so that it is 130" from the front of the vehicle. Failure to do this will result in the vehicle not being allowed to race until the transponder is located 130" from the front of the vehicle.
4. If the vehicle is damaged on a Saturday, where an invitational is scheduled the following day, and time does not allow repairs to be made then the transponder must be disconnected. A portable transponder must be rented from the track and installed in the vehicle 130" from the front of the vehicle. The rental fee will be waived **ONLY** when the vehicle is a registered Varney participant competing full time at Varney and the damage occurred during a racing incident the previous night at Varney.
5. Transponders will be rented on a first come - first serve basis and the transponder rental fee of \$20.00 must be paid **in advance**. The participant must leave his or her Ontario Driver's License at the registration booth as a deposit. The rental of a portable transponder is dependent on a rental transponder being available.
6. Any vehicle or group of vehicles may be inspected at any time during a race night for proper transponder placement.

PENALTIES

1. Any participant that willfully tampers with or relocates the transponder to be less than 130" from the front of the vehicle will lose all money and points for that night's race events.
2. Any participant that willfully tampers with or relocates the transponder to be less than 130" from the front of the vehicle on a second occasion will lose all money and points for that night's race event plus the participant and car and number will be suspended for the next race event. A third offence will bring a 4 race suspension and a loss of all points accumulated during the year and the participant will not be eligible for any end of season payouts or trophies.
3. Any participant caught in the act of attempting the above will face the same penalties as if the vehicle raced in this condition.
4. If the security seal has been removed to repair the vehicle or to relocate the transponder due to damage to the front end of the vehicle, the participant must present the vehicle to the tech inspectors to verify the correct position of the transponder and to have a new security seal attached to the vehicle.
5. Any transponder that has been tampered with electronically is not allowed to be used.
6. All rules and penalties apply to "regular" events, "invitational" events and the Fall Classic.

WHEN IN DOUBT HAVE IT CHECKED AT TECH!