

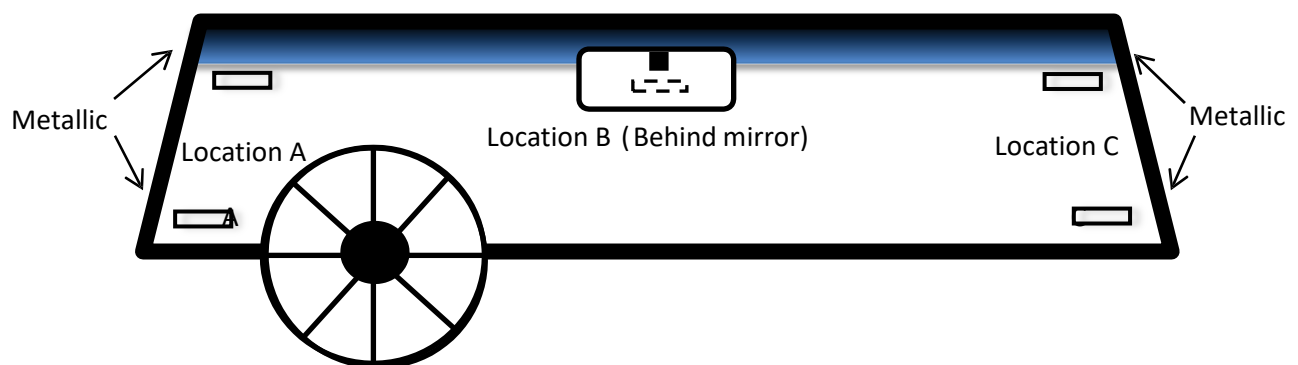
Installing **Windshield** (Maxtek Q-100) transponders

Q-100 Transponders cannot be hand-held or moved from car to car. They must be mounted to the interior side of the windshield. If mounted incorrectly transponder may not function as intended. Maxtek transponders are non-removable, once installed and the adhesive sets any attempt to reposition will render the transponder useless.



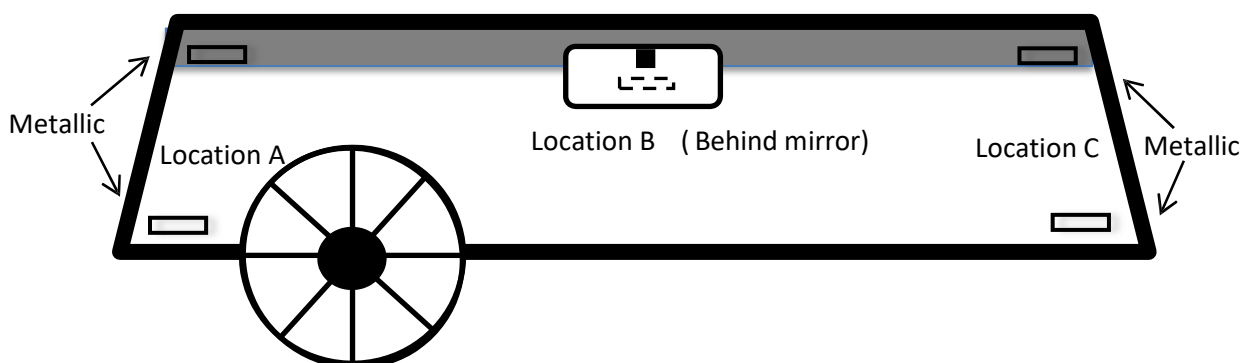
Transponder need to be placed horizontally on windshields. A minimum clearance of 2 inches is required from any metallic surface in all directions.

Transponder position must match reader location. Example: If reader is installed on the left side of lane, then location A is acceptable. If reader is installed on the right side of lane, then position C is acceptable, if reader is mounted above and centered in lane then position B (Behind mirror) is acceptable. If site has multiple entrances with readers on both the left and right side of lanes, then position B (Behind mirror) is acceptable.



Note:

If your windshield has a solar tint stripe, install the transponder at least 2 inches below this stripe and away from metallic surfaces. Be careful not to position the transponder so it obstructs the driver's forward view.



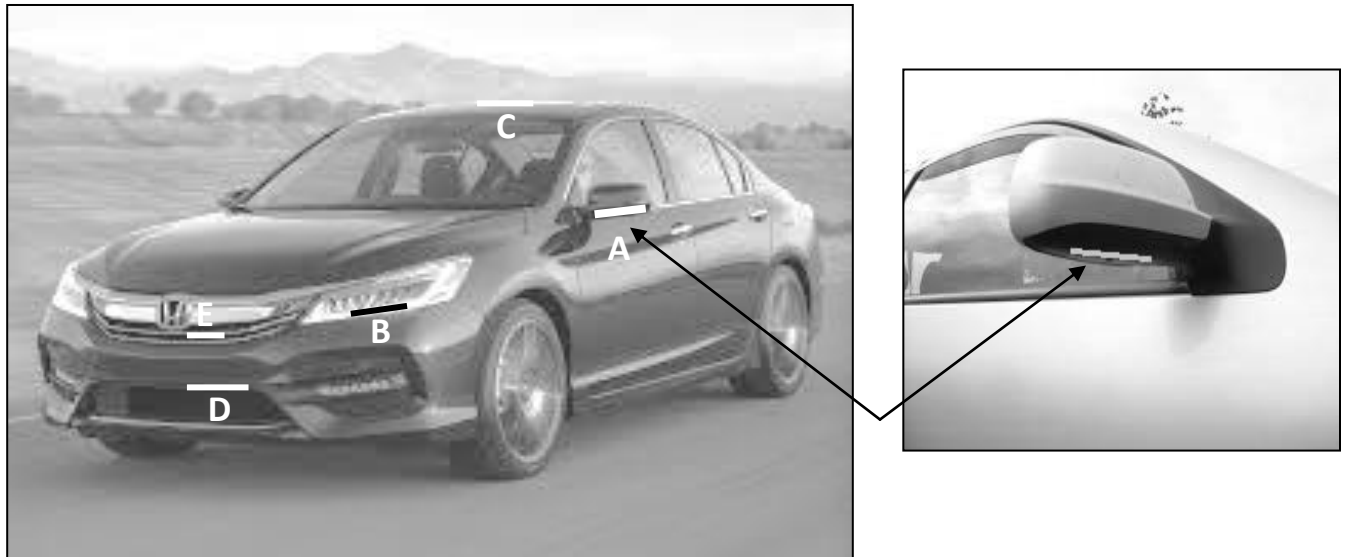
HOWEVER, if your vehicle has black dot shading (not solar tint), you may install transponder in the shaded area but at least 2" inches away from all metallic surfaces. Black shading are very small dots creating a shaded area at the top of most late model vehicle windshields. This is not a solar tint and is not solid throughout.

Installing **Headlight / Exterior** (Maxtek Q-500) transponders

Q-500 Transponders cannot be hand-held or moved from car to car. Although these transponders will also operate from the interior side of windshield they were designed for external mounting and our recommendation is preferably underneath the side-view mirror or onto headlight lens/cover.

If the RFID reader is mounted extremely high (on its post or ceiling mount) then the sunroof also becomes an alternate location.

Maxtek transponders are non-removable, once installed and the adhesive sets any attempt to reposition will render the transponder useless.



The images above show recommendations for the placement of transponders. Notice the horizontal parallel fitment as would be viewed from the RFID reader. The transponders do not need to be visible to the naked eye, only need to be visible to the radio signal as it can pass through most non-metallic materials. The letters above show five (5) ways the Q-500 transponder may be placed upon a vehicle. Placement (A) shows transponder installed underneath the driver side-view mirror.

Placement (B) shows the transponder placed on headlight lens/cover.

Placement (C) shows transponder placement on the sunroof glass.

Placement (D) shows transponder placed on underneath an opening of bumper cover hidden from view.

Placement (E) is transponder placed on front grill, underneath/hidden from view.

Transponders need to be placed as to maintain a nearly horizontal parallel to RFID reader. Transponder position must match side of RFID reader location.

Example: If reader is installed on the left side of lane, then driver side-view mirror or headlight is recommended. If reader is installed on the right side of lane, then passenger side-view mirror or headlight is recommended. Reader to transponders line of sight to radio signal cannot be obstructed by vehicles body panels and need to be positioned on the same side as RFID reader.