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Automated Vehicular Gate Systems: Checklist For Installers

DASMA has developed a checklist to assist installers of automated vehicular gate systems, which are typically a very large moving item on a property. It is important that such systems be installed properly and that users understand proper operation. The checklist is intended as an aid in checking the principal elements of gate systems installation and in explaining proper operation with owners.

Please note that the checklist is intended to be a summary of many important automated vehicular gate aspects, but may not inclusively identify all potential hazards of every specific gate system installation.

See the following page for a copy of the checklist.

Note: Technical Data Sheets are information tools only and should not be used as substitutes for instructions from individual manufacturers. Always consult with individual manufacturers for specific recommendations for their products and check the applicable local regulations.

This Technical Data Sheet was prepared by the members of DASMA's Operator & Electronics Division Technical Committee. DASMA is a trade association comprising manufacturers of rolling doors, fire doors, grilles, counter shutters, sheet doors, and related products; upward-acting residential and commercial garage doors; operating devices for garage doors and gates, sensing devices, and electronic remote controls for garage doors and gate operators; as well as companies that manufacture or supply either raw materials or significant components used in the manufacture and installation of the Active Members' products.

Automated Vehicular Horizontal Slide & Swing Gates - Installation Checklist

Instructions: Check the space next to each item to indicate that it has been addressed. If it is not applicable, enter N/A.

Please note that the checklist is intended to be a summary of many important automated vehicular gate aspects, but may not inclusively identify all potential hazards of every specific gate system installation.

INSTALLER	
	1. Rollers, fasteners, brackets and other gate hardware have been inspected for proper alignment and proper tightness. Moving parts have been lubricated and are not squeaking. The gate functions smoothly throughout its full travel when manually operated. Potential pinch areas have been guarded so as to be inaccessible OR have contact and/or non-contact obstruction sensing devices installed.
	2. The gate has been constructed and installed such that for the particular gate type, physical gate stops, fall-over protection, gravity motion limitation, and barbed wire/tape height limitations are in evidence, and gaps greater than 2 ¼ in. and protrusions over ½ in. have been reduced, guarded or rendered inaccessible.
	3. The system is in compliance with the entrapment protection requirements of UL 325. Identify entrapment zones and ensure they are protected according to the manufacturer's instructions.
	4. The slide gate has been screened or secured from the bottom of the gate to a minimum of 48 inches above ground to prevent a 2 ¼" sphere from passing through the openings anywhere in the gate and in that portion of the adjacent fence that the gate covers when the gate is in the open and closed positions. Picket gates with pickets spaced less than 2 ¼" apart to the minimum height requirement are also acceptable.
	5. Roller covers have been installed on all weight bearing rollers located 8' height or less above grade.
	6. If pedestrian traffic is expected, a separate pedestrian gate has been installed in a location so as not to create additional hazards. The customer has been informed that all pedestrian traffic must use the pedestrian gate.
	7. Warning signs have been installed on each side of the gate in highly visible locations. The customer has been informed that these signs must not be removed.
	8. There are no controls installed on the gate operator or within six feet of the gate.
INSTALLER	CUSTOMER
	1. The gate has been checked to make sure it is level and moves freely in both directions.
	2. The installer has properly adjusted the obstruction-sensing feature on the gate operator, and has tested the gate to make sure that the gate stops and reverses a short distance upon striking an immovable object.
	3. The installer has instructed the customer in the proper use of the gate operator and has reviewed the operational functions, obstruction-sensing devices, alarm, and reset.
	4. The installer has instructed the customer in the proper use of the operator's manual disconnect feature as outlined in the manufacturer's instructions.
	5. The installer has reviewed all safety instructions with the customer, including the need to never let children operate or play with gate controls, to keep the remote control away from children, and to always keep people and objects away from the gate. The installer has left the safety instructions and owner's information sheets for future reference.
	6. The installer has answered any questions the customer has regarding the operation of the gate operator and gate operator safety precautions.
	7. The installer has explained to the customer that a regular maintenance schedule for both the gate and the gate operator is recommended, including regular testing of entrapment protection as outlined in the manufacturer's instructions.

By signing this inspection checklist, I/we hereby certify that each item listed and checked above has been examined by the inspector and is clearly understood by the customer.

Customer Signature: _____

Date _____

Installer Signature: _____

Date _____

DASMA has developed a brochure that provides information about safe gate ownership and operation. Visit the DASMA website, www.dasma.com, to obtain a copy online, contact DASMA at 216-241-7333, or e-mail DASMA at dasma@dasma.com