

Tuson Sway Control (TSC) Frequently Asked Questions





	Fifth Wheel	Bumper Pull
	QUESTION	ANSWER
1)	What type of trailer is the TSC designed for?	Any trailer with electric drum brakes (1-4 axles)
2)	Do fifth wheel trailers need the TSC?	If they are properly loaded and maintained, fifth wheels are inherently less prone to sway than bumper pull trailers however, under certain conditions sway can still be a problem. The TSC helps control sway on fifth wheels when it occurs.
3)	How does the TSC control trailer sway?	The TSC installs into the trailer's electric brake wiring with independent left and right side brake control. It continually monitors the trailer's motion and when sway is detected, it applies the left or right side brakes to counteract the sway and bring the trailer back into alignment with the tow vehicle.
4)	Does the driver need to take any action to activate the TSC when sway occurs?	No. The TSC is fully automatic and self-adjusting.
5)	Does the TSC reduce tow vehicle gas mileage?	No. The TSC only activates the trailer brakes when trailer sway exceeds a level that is growing and becoming noticeable to the driver. When the TSC activates, the driver will feel the trailer brakes correcting the sway by a slight pulling back on the tow vehicle. The amount of sway control braking is proportional to the amount of trailer sway. Light sway equals light braking, heavy sway equals heavy braking.
6)	Do the trailer brake adjustments affect the performance of the TSC?	The adjustments of the trailer brakes can affect the performance of the TSC if they are not set properly. The TSC has an auto-adjustment feature that will increase the brake level up to 100% to control trailer sway. For optimum TSC performance ensure that your brakes are adjusted to the mfg. specs.
7)	Can the consumer install the TSC on the trailer?	The installation of the TSC involves locating the correct trailer wires, making electrical connections and securely mounting the module in the proper location to function correctly. For these reasons and due to the safety implications involved with a trailer braking system, the TSC should be installed

8) How will I know if the TSC is working properly?

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The TSC comes with a "STATUS LED" light that is mounted on the outside of the trailer and can be

seen from the driver's rear view mirror (if located properly). A GREEN light indicates that all is well.

by a qualified trailer service technician.

A RED light signals a problem.



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9) If my truck has "trailer sway control" included as part of the vehicle stability control package, do I still need the TSC and if yes, will the two systems work together?	The TSC is a great enhancement to a truck's existing trailer sway control system. Testing has shown that the TSC will activate on smaller sways prior to the truck's system and in most cases prevent the trailer sway from increasing to a point where the truck's system will activate. The TSC is the first line of defence against trailer sway and the truck's system is there as a backup. Since the TSC activates on the smaller sways and uses the trailer brakes to counteract the sway, it provides sway control that is more reactive and comfortable to the driver than the truck's sway control system.
10) Why does the TSC require a full size trailer battery as part of the installation?	The TSC contains a microprocessor and sensitive electronic components that require continuous, high quality power and ground connections in order to perform properly. The presence of a full size trailer battery in the circuit greatly improves the power and ground quality going to TSC and helps prevent performance issues related to ground shifts and intermittent connections to the tow vehicle.
11) How far off of the center line of the trailer can the TSC be mounted without affecting it's performance?	The TSC can be mounted +/- 0.5 inches off of the trailer center line without affecting it's performance. If it is mounted further off the center line the driver may notice that there is more braking force during sway control in one direction than the other.
12) What brake controllers are compatible with the TSC?	The TSC is compatible with various integrated and aftermarket trailer brake controllers. Tuson RV Brakes participated in joint testing with Fiat/ Chrysler, Ford, General Motors, and Toyota and verified that the TSC is compatible with their integrated trailer brake controllers. Various major aftermarket trailer brake controllers were also tested with the TSC and found compatible. For more information, please see Technical Service Bulletin# 20180124.

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