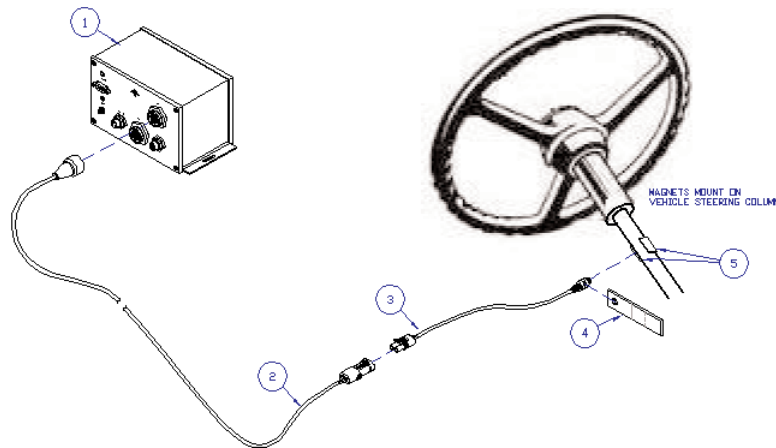


Universal Steering Wheel Switch Kit

P/N: 876-0082

Overview

The Universal Steering Wheel Switch Kit allows the automated steering system to automatically disengage when the steering wheel is turned manually. The switch kit consists of a magnetic sensor, mounting bracket, cable interface and two magnets. The magnets are mounted to the steering wheel shaft with adhesive and the magnetic sensor signals the automated steering console to disengage when it senses steering wheel rotation (when it counts 2 edges of the magnets, opening or closing, within a 2 second period).



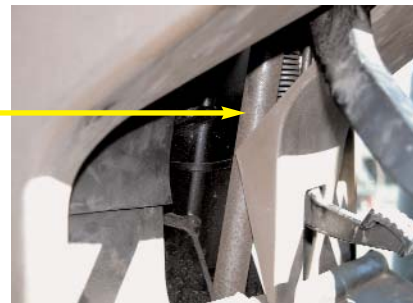
REF.	P/N	DESCRIPTION	QTY.
1	*****	Automated Steering Console	
2	051-0153	Cable, Steering Wheel Switch	1
3	726-1054	Assy, Steering Wheel Switch	1
4	602-1062	Bracket, Steering Wheel Switch Mounting	1
5	478-0008	Magnet, Flex -1/2"Wx1"Lx1/8"T, Plain, 1.	2
	677-2002	Tie Strap, 7" - Releasable	4
	675-0077	Epoxy, Hardman 04001 - Single Double Bub	1

Installation

Installation Location: Locate the steering shaft that connects the steering wheel to the hydraulic steering orbital. The shielding around the steering column usually contains the steering shaft. Decide on a location to mount the magnetic sensor for the steering wheel switch and a position on the steering shaft to install the provided magnets. The sensor needs to be mounted with 1/2 to 3/4 inches of clearance from the magnets for the best signal.



Steering Shaft



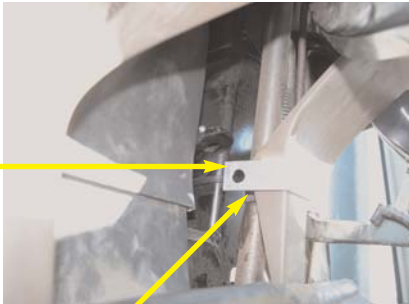
Mounting Brackets: Using a vise or other bending tool to shape the provided mounting strip to fit the desired mounting location. Test fit the mounting bracket and pre-drill any necessary holes.



Install Magnets: Clean the steering shaft thoroughly where the magnets will be installed. Mix equal amounts of the 2-part epoxy provided. Apply epoxy mixture to one side of each magnet and install the magnets vertically on to the steering shaft 180 degrees apart. Let the epoxy cure for 5 minutes.

Install Sensor: Install the sensor mount bracket in the desired location. Install the magnetic sensor on to the mounting bracket and make sure the clearance between the end of the sensor and the magnets is between 1/2 and 3/4 inches.

Mount Bracket



Magnet



Connect to Console: Connect the magnetic sensor to the automated steering console accessory port using the provided interface cable. Secure the sensor cable and interface cable with tie straps and route as desired.

