

**BOSCH**

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EL-52641 Trailer Presence Simulator Tester

Dealer Price **\$139.10**

Overview:

This is the only GM approved trailer module tester and trailer simulator. The tester consists of the module equipped with indicator lights and the attached 25 feet cable with the trailer 7 pin connector. The tester is used to simulate the trailer presence in order to program the trailer tire pressure sensors. In addition the tester will be equipped with indicator lights that will provide visual feedback to the technician on the vehicle signals sent to the trailer for: reverse light, battery power, right turn and brake, left turn and brake, brake controller output as the technician activates appropriate controls. The tester will be equipped with replaceable 25 feet cable to allow the technician to conduct diagnostics while located inside of the vehicle.



Tester Description and Test Methods:

Trailer Tire Pressure Monitoring Sensors Programming:

1. Plug in the 7-way connector of the tester into the trailer connector port at the back of the vehicle.
2. Bring the other end of the cable and tester into the driver compartment. Secure harness as necessary for safe operation.
3. Set the Emergency Brake.
4. Start the Vehicle Engine and let idle.
5. Program Trailer Tire Pressure sensors in accordance to GM service instructions.

Vehicle to Trailer Signal Testing:

1. Plug in the 7-way connector of the tester into the trailer connector port at the back of the vehicle.
2. Bring the other end of the cable and tester into the driver compartment. Secure harness as necessary for safe operation.
3. Set the Emergency Brake.
4. Start the Vehicle Engine and let idle.
5. Verify 12V circuit is powered or turn on Tail Light Circuit
6. For vehicles equipped with Integrated Trailer Brake Controls, look for the words "Trailer Connected" on the instrumental panel.
7. Activate each circuit while monitoring that the corresponding indicator light is illuminated indicating that circuit working properly:



Indicator Light	Evaluation
TL (Tail Lights)	Turn on Headlights/Park Lights
LT (Left Turn Signal)	Manually Activate Left Turn Signal
EB (Electric Brakes)	For Vehicles equipped with Integrated Trailer Brake Controls, look for the words "trailer Connected" on the instrumental panel
RT (Right Turn Signal)	Manually activate Right Turn Signal
+12V (12 Volt)	Engine running should activate 12 volt accessory
RL (Reverse Lights)	With brakes applied, shift to reverse
LT/RT (Depress Brake pedal)	Both should light indicating Brake Lights are working
LT/RT (Manually activate Hazards)	Both should light indicating Hazards are working

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