

Animation Transmission Range Sensor

Name: _____ **Date:** _____

1. The abbreviations on the dashboard and sensor stand for the standard shift positions, which include P, R, N, D, I, and _____.
2. The Transmission Range Sensor (TRS) uses switch contacts and a _____ contact to track the driver's gear selection.
3. To keep electrical current safe, _____ are used inside the transmission control module to limit current flow.
4. When the vehicle is in Park, the green wires in the diagram show that the terminals are connected directly to _____.
5. The transmission control module (TCM) supplies current-limited _____ voltage through resistors to the sensor.
6. The transmission range sensor indicates the exact gear position by _____ the current to ground.
7. To find out which sensor circuits are active, specific _____ lines are monitored to see which circuits are pulled low.
8. The transmission control module sends position data directly over _____ circuits.
9. The data from the transmission control module is ultimately sent to the _____ control module.
10. When the gear selector is shifted into the "N" position, it stands for _____.