

Self-Test Diagnostics — Excursion, Super Duty only

WARNING: This test is a key on engine off (KOEO) test only that is conducted in PARK only with the emergency brake fully engaged.

1. Enter the Self-Test Diagnostics by depressing the speed control OFF switch while turning the ignition key ON, making sure the engine does not start and is not running. The speed control indicator on the instrument panel will flash once to indicate that speed control module entered the diagnostic mode. FIVE ADDITIONAL FLASHES AT THIS POINT INDICATE A DEFECTIVE SPEED CONTROL SERVO. Release the OFF switch.
2. Press the remaining switches in this sequence: ON, RESUME, COAST and SET/ACCEL. If the "ON" switch is not depressed within five seconds after entering the diagnostic mode, the module times out and the procedure must be started over. The speed control indicator lamp will flash as each switch is depressed. Press each switch in the sequence immediately after the indicator light goes out for the previous switch.
3. **NOTE:** There will be a slight delay when the last button is pressed and the lamp flashes.

A lamp flash with the last button (SET/ACCEL) indicates that the STATIC test passed. If the lamp does not flash with the last button and there are no additional flashes of the lamp, the switch is defective.

If the lamp does not flash with the last button, and additional flashes occur, follow the chart below for trouble codes:

Flashes	Source
2 Flashes	BPP defective, circuit is defective, brake applied, CPP switch or jumper (if equipped) is defective
3 Flashes	Deactivator switch is open or circuit defective
4 Flashes	Vehicle speed signal is out of range or circuit is defective

4. Immediately after the STATIC test, the speed control servo does a DYNAMIC test by automatically actuating the throttle lever from 8 mm (0.315 in) to 12 mm (0.472 in) of travel from the idle position. During the DYNAMIC throttle pull, observe throttle movement to witness any binding or sticking of the speed control cable and correct connection of speed control cable to throttle lever. Make sure the THROTTLE RETURNS BACK TO THE IDLE POSITION.
5. Return the ignition switch to the OFF position and proceed to the Symptom Chart.