

## **Holden Commodore VT-VZ: Instrument Cluster Configuration - Speedometer Pulses**

Speedometer calibration may be adjusted as part of the “Instrument Configuration” functional test (Verus, Verdict, Modis, Solus Ultra, Solus Pro & Solus).

This value may be changed to suit a change in tyre size or other driveline alterations.

Below are charts to be used as a guide to the factory values for standard model Commodores. Please refer to the correct chart for the relevant vehicle model in question.

**Important:** Speedometer reading should always be checked on a chassis dynamometer to ensure accuracy after any changes have been made. Snap-on Tools accepts no liability for inaccurate speedometer readings as a result of using this function.

### Test Operation:

1. Select Holden not Astra & correctly enter the vehicle details into the scan tool.
2. Select Instruments from the system menu.
3. From the Instruments main menu, select Functional Tests>Instrument Configuration
4. Follow all on screen prompts. Depending on the vehicle selected, other Instrument options may also be changed, such as Tachometer or SRS Configuration. If these are correct, do not change these settings and skip pass to Speedometer Pulses screen.
5. Set Speedometer Pulses to required setting.
6. Confirm correct speedometer reading on chassis dynamometer.

**Note following tables are to be used as a guide for setting pulses as described above**

### **VT/VX series**

<b>Tyre Size</b>	<b>Speedometer Pulses</b>
205/65 R15	6272
215/60 R15	6285
215/60 R16	6077
225/50 R16	6391
225/55 R16	6087
225/60 R15	6238
235/45 R17	6301

## **VY series**

<b>Body Style</b>	<b>Engine</b>	<b>Transmission</b>	<b>Tyre Size</b>	<b>Speedometer Pulses</b>
Sedan/Wagon	V6	Auto/Manual	205/65 R15	6272
			225/60 R15	6238
			215/60 R16	6077
			225/55 R16	6173
			225/50 R16	6391
			235/45 R17	6301
Ute	V6	Auto	205/65 R16	6272
			225/55 R16	6087
Ute	V6	Manual	205/65 R15	6450
			225/55 R16	6307
Sedan/Wagon/Ute	V8	Auto/Manual	205/65 R16	6272
			225/60 R16	6238
			225/55 R16	6087
			235/45 R17	6301
Coupe	V8	Auto/Manual	235/40 R18	6230
HSV	All	Auto	225/50 ZR17	6355
			235/45 ZR17	6210
			235/40 ZR18	6210
HSV	All	T56	225/50 ZR17	6300
			225/40 ZR18	6300
HSV	All	GETRAG	225/50 ZR16	6355
			235/45 ZR17	6210
			235/40 ZR18	6210

## **VZ series**

<b>Body Style</b>	<b>Engine</b>	<b>Transmission</b>	<b>Diff Ratio</b>	<b>Tyre Size</b>	<b>Speedometer Pulses</b>
Sedan/Wagon/Utility	V6	4 speed Auto	3.08	205/65 R15	6232
				225/60 R15	6100
				215/60 R16	6000
				225/50 R16	6300
				225/55 R16	6100
				235/45 R17	6220
				235/40 R18	6200
				225/55 R17	5900
				225/50 R17	6100
				215/65 R15	6050
				215/65 R16	5800
Sedan/Wagon/Utility	V6	5 speed Auto	2.87	205/65 R15	6100
				225/60 R15	6050
				215/60 R16	5900
				225/50 R16	6200
				225/55 R16	6080
				235/45 R17	6100
				235/40 R18	6100
				225/55 R17	5800
				225/50 R17	6000
				215/65 R15	6000
				215/65 R16	5700
Wagon (AWD)	V6	5 speed Auto	3.46	205/65 R15	6500
				225/60 R15	6500
				215/60 R16	6300
				225/50 R16	6700
				225/55 R16	6400
				235/45 R17	6500
				235/40 R18	6500
				225/55 R17	6125
				225/50 R17	6400
				215/65 R15	6400
				215/65 R16	6100

## **VZ series continued**

<b>Body Style</b>	<b>Engine</b>	<b>Transmission</b>	<b>Diff Ratio</b>	<b>Tyre Size</b>	<b>Speedometer Pulses</b>
Reg/Crew Cab (AWD)	V6	4 speed Auto	3.46	205/65 R15	5900
				225/60 R15	5900
				215/60 R16	5800
				225/50 R16	6100
				225/55 R16	5900
				235/45 R17	6000
				235/40 R18	6000
				225/55 R17	6200
				225/50 R17	5900
				215/65 R15	5900
215/65 R16	6150				
Sedan/Wagon/Utility	V6	6 speed Man	2.87	205/65 R15	6330
				225/60 R15	6150
				215/60 R16	6100
				225/50 R16	6400
				225/55 R16	6200
				235/45 R17	6150
				235/40 R18	6340
				225/55 R17	6000
				225/50 R17	6200
				215/65 R15	6100
215/65 R16	5900				
Reg/Crew Cab	V6	6 speed Man	3.08	205/65 R15	6700
				225/60 R15	6600
				215/60 R16	6500
				225/50 R16	6800
				225/55 R16	6600
				235/45 R17	6700
				235/40 R18	6700
				225/55 R17	6300
				225/50 R17	6600
				215/65 R15	6500
215/65 R16	6300				

## **VZ series continued**

<b>Body Style</b>	<b>Engine</b>	<b>Transmission</b>	<b>Diff Ratio</b>	<b>Tyre Size</b>	<b>Speedometer Pulses</b>
Sedan/Wagon/Utility	V8	4 speed Auto	3.07/3.08	225/60 R15	5600
				215/60 R16	5490
				225/55 R16	5550
				235/45 R17	5540
				235/40 R18	5600
				225/55 R17	5380
				225/50 R17	5530
				215/65 R16	5380
Sedan/Utility	V8	6 speed Man	3.46	225/60 R15	6290
				225/55 R16	6200
				235/45 R17	6300
				235/40 R18	6290
				225/55 R17	6000
				215/65 R15	6210
				215/65 R16	6130
Reg/Crew Cab	V8	4 speed Auto	3.08	225/60 R15	5600
				215/60 R16	5490
				225/55 R16	5550
				235/45 R17	5640
				235/40 R18	5600
				225/55 R17	5380
				225/50 R17	5530
				215/65 R16	5380
Reg/Crew Cab	V8	6 speed Man	3.46	225/60 R15	6290
				225/55 R16	6200
				235/45 R17	6300
				235/40 R18	6290
				225/55 R17	6000
				215/65 R15	6210
				215/65 R16	6130