



WB-450 DIAGNOSTIC

1. Power on the machine and mount a 14" - 16" steel wheel, no wider than 7"
2. Press the "HOME" button one time
3. Display will say SET OPT
4. Press the DIS+ key one time
5. "SET UP" will now display
6. Press the "HOME" button two times
7. "TES" "POS" "XXX" will now display
8. Rotate the wheel clock-wise
9. We will enter this SET-UP program for diagnostics of the encoder board position sensor
10. When the POS value displays 14, for example, you can use your hand to rotate the wheel on the shaft and the POS number will change one by one
11. The POS value can change one by one continuously without a big jump. This lets us know the sensor is working properly

By doing the following steps we can check if the Dynamic and Static pick up pressure sensor is working properly:

- Press the "HOME" button one time and "TES" "STA" "XXX" will display (STA stands for static pressure. If you put pressure on the wheel, the STA value will change)
- Press "HOME" again and you will see "TES" "DYN" "XXX" (DYN stands for dynamic pressure pick up sensor. If you put pressure on the wheel, the DYN will change)

If the value in the right side window does not display between 485-585 and/or does not change when you put pressure on the wheel, replace pressure sensor.

By doing the following steps we can check if the diameter potentiometer is working correctly or not:

- Press the "HOME" button one time and you will see "TES" "DIS" "XXX"
DIS stands for distance potentiometer value
When you pull out the automatic gauge and then return it back to his home position, the "DIS" value will increase and decrease accordingly
- Press the "HOME" button again and you will see "TES" "DIA" "XXX"
DIS stands for diameter potentiometer value
When you swing the automatic gauge from right to left and then return it to his home position, the DIA value will increase and decrease accordingly