

## **DRIVE INPUTS ON A SCRUBMASTER B120R**

Key on, A04.A11 to main battery negative = **24 VDC**

S5 (seat switch) bypassed, (pins 1 & 4 on harness plug)  
measure across A01.X9.8 & A01.X9.18 = **0 OHMs**

S5 bypassed, measure across A01.X9.3 & A01.X9.13 = **11.45  
OHMs (+/-1)**

Measure across A04.A11 to A04.A4 seat switch (S5) static  
(open) = **0 VDC**

Measure across A04.A11 to A04.A4 seat switch (S5) bypassed  
(closed) = **24 VDC**

Measure across B03.1 (accelerator pedal) & A04.A3 static =  
**51.07 OHMs (+/- 1)**

Measure across B03.1 (accelerator pedal) & A04.A3 pressed  
= **0 OHMs**

With FWD pressed & illuminated on A02 Control Panel  
measure across A04.A11 & A04.A1 = **0 VDC**

With FWD pressed & illuminated on A02 Control Panel measure across A04.A11 & A04.A1 while pressing accelerator pedal (B03) = voltage should increase to: 24 VDC

With REV pressed & illuminated on A02 Control Panel measure across A04.A11 & A04.A2 = 0 VDC

With REV pressed & illuminated on A02 Control Panel measure across A04.A11 & A04.A2 while pressing accelerator pedal (B03) = voltage should increase to: 24 VDC

Measure across A04.A16 & main battery negative = 5 VDC

Measure across A04.A8 & A04.A16 = 4.6 VDC

Measure across A04.A9 & A04.A16 static = 4.1 VDC

Measure across A04.A9 & A04.A16 while pressing on B03 (accelerator pedal) = decreases to less than 1 VDC

Measure across X3.2 & A04.A13 static = 0 VDC

Measure across X3.2 & A04.A13 while pressing B03 = increases to 22 VDC