Problem: Unit doesn't cycle in automatic mode

Does it cycle in Manual Mode?

NO

Go to Troubleshooting for Manual Mode

YES

Raise sampler in manual mode and lift implement completely. Drive forward and press #1 for Engage button.

System cycles normally

YES

Engaged-cycling-recording

Adjust prox sensor or sampler shoe if unit cycles in air but not in soil.

NO

No Movement

Sampler movement not correct

Engaged-(various messages)

YES

Engaged-Neutral

Sampler goes to neutral

Engaged-Init Err

Is engine or hydraulic power source engaged? Is manual wash switch on? (must be off for automatic cycling)

YES

Reset and reboot instrument and external cont.

NO

Check LED’s, fuses, and 12 V power to external controller Proc #1

Inspect cable for damage

Perform Instrument and Controller communication test Proc #3

Contact Veris Service Dept.

Engaged or Disengaged Comm Err

Is external controller turned on? Is communication cable connected to instrument and external controller?

YES

Reset and reboot instrument and external controller

NO

Check LED’s, fuses, and 12 V power to external controller Proc #1

Inspect cable for damage

Perform Instrument and Controller communication test Proc #3

Contact Veris Service Dept.

DGPS signal received?

YES

See manual for GPS req.

NO

Check LED’s, fuses, and 12 V power to external controller Proc #1

Inspect cable for damage

Perform Instrument and Controller communication test Proc #3

Contact Veris Service Dept.

Adjust or replace

Proc #4

Adjust prox sensor working?

YES

Proc #4

NO

Call Veris Service Dept.

Proc #3

Contact Veris Service Dept.