**Vehicle Data**

**Source**: <http://openxcplatform.com/vehicle-interface/output-format.html>

steering\_wheel\_angle

-600 to +600 degrees

**Ford frequency:** 6Hz (max 90Hz)

torque\_at\_transmission

-500 to 1500 Nm

**Ford frequency:** 60Hz

engine\_speed

0 to 16382 RPM

**Ford frequency:** 4Hz (max 60Hz)

vehicle\_speed

0 to 655 km/h (this will be positive even if going in reverse as it's not a velocity, although you can use the gear status to figure out direction)

**Ford frequency:** 4Hz (max 60Hz)

accelerator\_pedal\_position

0 to 100%

**Ford frequency:** 60Hz

parking\_brake\_status

Boolean (true == brake engaged)

**Ford frequency:** Sent only if value changes

brake\_pedal\_status

Boolean (True == pedal pressed)

**Ford frequency:** Sent only if value changes

transmission\_gear\_position

States: first, second, third, fourth, fifth, sixth, seventh, eighth, reverse, neutral

**Ford frequency:** Sent only if value changes

odometer

0 to 16777214.000 km, with about .2m resolution

**Ford frequency:** 10Hz

ignition\_status

States: off, accessory, run, start

**Ford frequency:** Sent only if value changes

fuel\_level

0 - 100%

**Ford frequency:** 48Hz

fuel\_consumed\_since\_restart

0 - 4294967295.0 L (this goes to 0 every time the vehicle restarts, like a trip meter)

**Ford frequency:** 10Hz

door\_status

Value is State: driver, passenger, rear\_left, rear\_right. Event is Boolean: true == ajar

**Ford frequency:** Sent only if value changes

headlamp\_status

Boolean, true is on

**Ford frequency:** Sent only if value changes

high\_beam\_status

Boolean, true is on

**Ford frequency:** Sent only if value changes

windshield\_wiper\_status

Boolean, true is on

**Ford frequency:** Sent only if value changes

latitude

-89.0 to 89.0 degrees with standard GPS accuracy

**Ford frequency:** 1Hz

longitude

-179.0 to 179.0 degrees with standard GPS accuracy

**Ford frequency:** 1Hz

button\_event

Value is State: left, right, up, down, ok.  
Event is State: idle, pressed, released, held\_short, held\_long, stuck  
(The buttons this message refer to are highly dependent on the specific vehicle, but if it's supported, try the steering wheel buttons.)

**Ford frequency:** Sent only if value changes