VOLVO PARAMETERS: 2003-2004:

Tiron: Engine Coolant Temperature

Manifold Pressure

Engine RPM

Vehicle Speed

Spark Advance

Intake Air Temperature

Mass Air Flow

Throttle Position

Barometric Pressure

Actual Lambda

Actual Air Fuel Ratio

Ambient Air Temperature

Actual Absolute Charge Pressure

Current Gear (manual

Clutch Position (manual

Turbo Control Valve Duty Cycle

Injector Pulse Width Bank 1

VVT Exhaust Cam Actual Position

VVT Intake Cam Actual Position

VVT Exhaust Cam Desired Position

VVT Intake Cam Desired Position

Fuel Rail Pressure

Lateral Gs

Left Front Wheel Speed

Right Front Wheel Speed

Left Rear Wheel Speed

Right Rear Wheel Speed

Left Front Shock Absorber Damping Level (4C Adaptive Suspension Only)

Left Front Shock Absorber Damping Level (4C Adaptive Suspension Only)

Left Front Shock Absorber Damping Level (4C Adaptive Suspension Only)

Left Front Shock Absorber Damping Level (4C Adaptive Suspension Only)

AWD Engagement Clutch Oil Pressure (AWD Only)

Volvo Parameters: 2005-2009:

Engine Load

Engine Coolant Temperature

Short Term Fuel Trim Bank 1

Long Term Fuel Trim Bank 1

Engine RPM

Vehicle Speed

Spark

Intake Air Temperature

Mass Air Flow

Throttle Position

Fuel Tank Level

Barometric Pressure

Loop Status (0=Off, 1=Open Loop, 2=Closed Loop, 4=OL-Drive, 8=OL-Fault, 16=CL-Fault)

Commanded Lambda

Ambient Air Temperature

Actual Lambda Bank 1

Actual AFR Bank 1

Fuel Rail Pressure

Actual Absolute Charge Pressure

Desired Absolute Charge Pressure

Current Gear (manual)

Clutch Position (manual)

Turbo Control Valve Duty Cycle

Injector Pulse Width Bank 1

VVT Exhaust Cam Actual Position

VVT Intake Cam Actual Position

VVT Exhaust Cam Desired Position

VVT Intake Cam Desired Position

Fuel Rail Pressure

Lateral Gs

Left Front Wheel Speed

Right Front Wheel Speed

Left Rear Wheel Speed

Right Rear Wheel Speed

Left Front Shock Absorber Damping Level (4C Adaptive Suspension Only)

Left Front Shock Absorber Damping Level (4C Adaptive Suspension Only)

Left Front Shock Absorber Damping Level (4C Adaptive Suspension Only)

Left Front Shock Absorber Damping Level (4C Adaptive Suspension Only)

AWD Engagement Clutch Oil Pressure (AWD Only)

Calculated Data Available:

Calculated Boost

Calculated Boost

Calculated Fuel Flow Rate

Calculated Fuel Flow Rate

Instantaneous Engine Power (estimated)

Instantaneous Engine Torque (estimated)

0-60 Miles Per Hour Time (estimated)

0-100 Kilometers Per Hour Time (estimated)

60-130 Miles Per Hour Time (estimated)

100-200 Kilometers Per Hour Time (estimated)

1/4 Mile Time (estimated)

1/4 Mile Elapsed Distance (estimated)

1/4 Mile Trap Speed (estimated)

1/8 Mile Time (estimated)

1/8 Mile Elapsed Distance (estimated)

1/8 Mile Trap Speed (estimated)

1/2 Mile Time (estimated)

1/2 Mile Elapsed Distance (estimated)

1/2 Mile Trap Speed (estimated)

Full Mile Time (estimated)

Full Mile Elapsed Distance (estimated)

Full Mile Trap Speed (estimated)

Calculated Instantaneous Fuel Economy (estimated)

Calculated Instantaneous Fuel Economy (estimated)

Calculated Instantaneous Fuel Economy (estimated)

Current Gear (calculated)

60 Foot Time (estimated)

330 Foot Time (estimated)