

# iDash Parameter List - 2018 Chevrolet Express Van 6.0

| Air Density |                                |          |
|-------------|--------------------------------|----------|
| Label       | Description                    | Unit     |
| AAD         | Density - Ambient Air          | LB/1KFT3 |
| BAD         | Density - Boost Air            | LB/1KFT3 |
| MAD         | Density - Manifold Air         | LB/1KFT3 |
| AAD         | Density % - Ambient Air (J607) | %        |
| BAD         | Density % - Boost Air (J607)   | %        |
| MAD         | Density % - Manifold Air       | %        |
| DN-ALT      | Density Altitude               | FT       |
| D-RAT       | Density Ratio - System         | %        |
| PR-ALT      | Pressure Altitude              | FT       |
| J1349       | SAE J1349 Correction Factor    |          |
| J607*       | SAE J607 Correction Factor     |          |
| SAT-P       | Saturation Pressure            | INHG     |

| Engine Performance - Air |   |        |
|--------------------------|---|--------|
| Label                    | Description   | Unit   |
| TPS B                    | Absolute Throttle Pos B                               | %      |
| ABSTPS                   | Absolute Throttle Position                            | %      |
| HPC-1K                   | Ambient Custom Fuel Horsepower Potential per 1000 CFM | HP/1k  |
| HPD-1K                   | Ambient Diesel Horsepower Potential per 1000 CFM      | HP/1k  |
| HPE-1K                   | Ambient E85 Horsepower Potential per 1000 CFM         | HP/1k  |
| HPG-1K                   | Ambient Gas Horsepower Potential per 1000 CFM         | HP/1k  |
| HPM-1K                   | Ambient Methanol Horsepower Potential per 1000 CFM    | HP/1k  |
| CFM-EN                   | CFM Engine  |        |
| CFM-IND                  | CFM Inducted  |        |
| MAF                      | Mass Air Flow   | GRAM/S |
| THRCMD                   | Throttle Commanded                                    | %      |
| THRT-R                   | Throttle Position Relative                            | %      |

| Vehicle Performance |                         |       |
|---------------------|-------------------------|-------|
| Label               | Description             | Unit  |
| LOAD                | Absolute Engine Load    | %     |
| APP D               | Accelerator Pedal D     | %     |
| APP E               | Accelerator Pedal E     | %     |
| LOAD                | Calculated Engine Load  | %     |
| DISP                | Engine Displacement     | L     |
| HP-EST              | Horsepower Estimated    | HP    |
| TQ-EST              | Calculated Engine Load  | %     |
| IGN TM              | Ignition Timing Advance | °BTDC |

| Emissions |                                   |      |
|-----------|-----------------------------------|------|
| Label     | Description                       | Unit |
| EVAPCM    | Evap Purge Commanded              | %    |
| CAT M     | Monitor - Catalyst                |      |
| COMP M    | Monitor - Comprehensive Component |      |
| EGR M     | Monitor - EGR and/or VVT System   |      |
| EVAP M    | Monitor - Evaporative System      |      |
| FUEL M    | Monitor - Fuel System             |      |
| MIS M     | Monitor - Misfire                 |      |
| O2S M     | Monitor - Oxygen Sensor           |      |
| HTR M     | Monitor - Oxygen Sensor Heat      |      |

| Engine Performance - Fuel |                             |      |
|---------------------------|-----------------------------|------|
| Label                     | Description                 | Unit |
| AFRCMD                    | Air Fuel Ratio Commanded    | AFR  |
| LOOP                      | Fuel Closed Loop Status     | %    |
| FUEL L                    | Fuel Tank Level             | %    |
| LTF1                      | Long Term Fuel Trim Bank 1  | %    |
| LTF2                      | Long Term Fuel Trim Bank 2  | %    |
| STF1                      | Short Term Fuel Trim Bank 1 | %    |
| STF2                      | Short Term Fuel Trim Bank 2 | %    |
| TFT 1                     | Total Fuel Trim Bank 1      | %    |
| TFT 2                     | Total Fuel Trim Bank 2      | %    |

| Diagnostics |                                |       |
|-------------|--------------------------------|-------|
| Label       | Description                    | Unit  |
| MILDIS      | Dist Traveled While MIL Active | MILES |
| DTCTRV      | Distance Since DTCS Cleared    | MILES |
| RUN TM      | Engine Run Time                | MIN   |
| FLAG        | Flag                           |       |
| MIL         | MIL Status                     |       |
| WARMUP      | Warmups Since DTCS Cleared     | COUNT |

| Pressure |                              |      |
|----------|------------------------------|------|
| Label    | Description                  | Unit |
| AAP      | Ambient Air Pressure         | PSIA |
| AAP      | Ambient Air Pressure (in hg) | INHG |
| BOOST    | Boost Pressure               | PSIG |
| BST-VAC  | Boost/Vacuum Pressure        | PSIG |
| EVAP P   | Evap Sys Vapor Pressure      | PA   |
| LIFT P   | Lift Pump Fuel Pressure      | PSIA |
| MAP      | Manifold Absolute Pressure   | PSIA |
| MAP      | Manifold Air Pressure (inHg) | INHG |
| P-RAT    | Pressure Ratio - System      | %    |

| Temperature |                               |      |
|-------------|-------------------------------|------|
| Label       | Description                   | Unit |
| AAT         | Ambient Air Temp              | °F   |
| AAT         | Ambient Air Temp (in Rankin)  | °R   |
| CAT1/1      | Catalyst Temp Bank 1 Sensor 1 | °F   |
| CAT2/1      | Catalyst Temp Bank 2 Sensor 1 | °F   |
| SYS-DT      | Delta Temperature System      |      |
| ECT         | Engine Coolant Temp           | °F   |
| IAT1/1      | IAT Bank 1 Sensor 1           | °F   |
| IAT1/2      | IAT Bank 1 Sensor 2           | °F   |
| IAT         | Intake Air Temp               | °F   |
| MAT         | Manifold Air Temp             | °F   |

| Voltage |                         |      |
|---------|-------------------------|------|
| Label   | Description             | Unit |
| BATT    | Battery Voltage         | V    |
| BATT*   | B-Bus Battery Voltage   | V    |
| O2 1/1  | O2 Bank 1 Sensor 1 Volt | V    |
| O2 1/2  | O2 Bank 1 Sensor 2 Volt | V    |
| O2 2/1  | O2 Bank 2 Sensor 1 Volt | V    |
| O2 2/2  | O2 Bank 2 Sensor 2 Volt | V    |

| Speed and Velocity |               |      |
|--------------------|---------------|------|
| Label              | Description   | Unit |
| RPM                | Engine RPM    |      |
| SPEED              | Vehicle Speed | MPH  |