

# DIAGNOSTIC REPORT

VIN: 1FVDCXDCX7HX81860

Model Year: 2007

Manufacturer: Freightliner

| COMPONENT | FAULT CODES | 27 TOTAL / 1 ACTIVE / 26 INACTIVE |
|-----------|-------------|-----------------------------------|
|-----------|-------------|-----------------------------------|

| ENGINE #1 - J1939 | ACTIVE FAULT CODES (0) |
|-------------------|------------------------|
|-------------------|------------------------|

Vehicle Make: Caterpillar      None

ECM Serial Number: WAX76240

ECM Model: C7

VIN: 1FVDCXDCX7HX81860      None

| INACTIVE FAULT CODES (0) |
|--------------------------|
|--------------------------|

| BRAKES, POWER UNIT - J1708 | ACTIVE FAULT CODES (1) |
|----------------------------|------------------------|
|----------------------------|------------------------|

|                    |   |        |
|--------------------|---|--------|
| ECM Serial Number: | Fault Description: DIF 2 - ASR Valve                  | SID 19 |
| ECM Model:         | FMI Description: Current Below Normal Or Open Circuit | FMI: 5 |
|                    | Count: 88   |        |

| INACTIVE FAULT CODES (0) |
|--------------------------|
|--------------------------|

None

| COMMUNICATIONS UNIT, | ACTIVE FAULT CODES (0) |
|----------------------|------------------------|
|----------------------|------------------------|

ECM Serial Number:      None

ECM Model:

| INACTIVE FAULT CODES (0) |
|--------------------------|
|--------------------------|

None

| CHASSIS CONTROLLER #1 - | ACTIVE FAULT CODES (0) |
|-------------------------|------------------------|
|-------------------------|------------------------|

ECM Serial Number:      None

ECM Model:

| INACTIVE FAULT CODES (0) |
|--------------------------|
|--------------------------|

None

| BODY CONTROLLER - J1939 | ACTIVE FAULT CODES (0) |
|-------------------------|------------------------|
|-------------------------|------------------------|

ECM Serial Number:      None

ECM Model:

| INACTIVE FAULT CODES (26) |
|---------------------------|
|---------------------------|

|   |          |
|---|----------|
| Fault Description: Undefined                    | SPN 6992 |
| FMI Description: Received Network Data in Error | FMI: 19  |
| Count: 29                                       |          |

|  |          |
|--|----------|
| Fault Description: Undefined   | SPN 6986 |
| FMI Description: Mechanical System not Responding or out of Adjustment | FMI: 7   |
| Count: 2   |          |

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|           | Fault Description: Undefined<br>FMI Description: Mechanical System not Responding or out of Adjustment<br>Count: 1   | SPN 6923<br>FMI: 7                |
|           | Fault Description: Undefined<br>FMI Description: Received Network Data in Error<br>Count: 28                         | SPN 6979<br>FMI: 19               |
|           | Fault Description: Undefined<br>FMI Description: Received Network Data in Error<br>Count: 28                         | SPN 6978<br>FMI: 19               |
|           | Fault Description: Undefined<br>FMI Description: Received Network Data in Error<br>Count: 126                        | SPN 6977<br>FMI: 19               |
|           | Fault Description: Undefined<br>FMI Description: Received Network Data in Error<br>Count: 126                        | SPN 6974<br>FMI: 19               |
|           | Fault Description: Undefined<br>FMI Description: Received Network Data in Error<br>Count: 126                        | SPN 6973<br>FMI: 19               |
|           | Fault Description: Undefined<br>FMI Description: Received Network Data in Error<br>Count: 126                        | SPN 6972<br>FMI: 19               |
|           | Fault Description: Vehicle Speed<br>FMI Description: Received Network Data in Error<br>Count: 29                     | SPN 84<br>FMI: 19                 |
|           | Fault Description: Undefined<br>FMI Description: Mechanical System not Responding or out of Adjustment<br>Count: 126 | SPN 6918<br>FMI: 7                |
|           | Fault Description: Undefined<br>FMI Description: Received Network Data in Error<br>Count: 13                         | SPN 6917<br>FMI: 19               |
|           | Fault Description: Undefined<br>FMI Description: Received Network Data in Error<br>Count: 126                        | SPN 6916<br>FMI: 19               |

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|-----------|---|-----------------------------------|
|           | Fault Description: Undefined<br>FMI Description: Mechanical System not Responding or out of Adjustment<br>Count: 39 | SPN 6912<br>FMI: 7                |
|           | Fault Description: Undefined<br>FMI Description: Current below Normal or Open Circuit<br>Count: 13                  | SPN 6996<br>FMI: 5                |
|           | Fault Description: Undefined<br>FMI Description: Current below Normal or Open Circuit<br>Count: 126                 | SPN 6985<br>FMI: 5                |
|           | Fault Description: Undefined<br>FMI Description: Current below Normal or Open Circuit<br>Count: 33                  | SPN 6983<br>FMI: 5                |
|           | Fault Description: Undefined<br>FMI Description: Current below Normal or Open Circuit<br>Count: 1                   | SPN 6995<br>FMI: 5                |
|           | Fault Description: Undefined<br>FMI Description: Current below Normal or Open Circuit<br>Count: 34                  | SPN 6981<br>FMI: 5                |
|           | Fault Description: Undefined<br>FMI Description: Current below Normal or Open Circuit<br>Count: 4                   | SPN 6980<br>FMI: 5                |
|           | Fault Description: Undefined<br>FMI Description: Current below Normal or Open Circuit<br>Count: 1                   | SPN 6976<br>FMI: 5                |
|           | Fault Description: Undefined<br>FMI Description: Current below Normal or Open Circuit<br>Count: 109                 | SPN 6971<br>FMI: 5                |
|           | Fault Description: Undefined<br>FMI Description: Voltage below Normal, or Shorted to low Source<br>Count: 1         | SPN 6915<br>FMI: 4                |
|           | Fault Description: Undefined<br>FMI Description: Voltage below Normal, or Shorted to low Source<br>Count: 25        | SPN 6997<br>FMI: 4                |

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Fault Description: Undefined SPN 1550  
FMI Description: Current below Normal or Open Circuit FMI: 5  
Count: 2

Fault Description: Undefined SPN 2071  
FMI Description: Received Network Data in Error FMI: 19  
Count: 2

## INSTRUMENT CLUSTER #1 - ACTIVE FAULT CODES (0)

ECM Serial Number: None

ECM Model:

## INACTIVE FAULT CODES (0)

None

## PARAMETERS

### ENGINE #1 - J1939

|                                   |               |  |               |
|-----------------------------------|---------------|--|---------------|
| Rated Horsepower                  | 237 BHP       | Engine Rated RPM                                 | 2400 RPM      |
| MIL Status                        | Off           | Fuel Level                                       | N/A           |
| Battery Voltage                   | 14.15 V       | Ignition Voltage                                 | Not Available |
| Engine RPM                        | 701 RPM       | Vehicle Speed                                    | 0 mph         |
| Throttle Position                 | 0 %           | Brake Switch                                     | Released      |
| Clutch Switch                     | Depressed     | Engine Operating State                           | N/A           |
| Engine Intake Air Temperature     | N/A           | Engine Intake Air Pressure                       | Not Available |
| Barometric Pressure               | N/A           | Coolant Level                                    | 100 %         |
| Coolant Temperature               | 172.4 °F      | Oil Level  | Not Available |
| Oil Temperature                   | Not Available | Oil Pressure                                     | 34.2 psi      |
| DPF Status                        | N/A           | Regen Status                                     | N/A           |
| DPF Active Regen Inhibited Status | N/A           | DPF Active Regen Inhibited Due to Inhibit Switch | N/A           |
| DPF Regen Inhibit Switch          | N/A           | DPF Regen Force Switch                           | N/A           |
| Exhaust Temperature 1             | N/A           | Exhaust Temperature 2                            | N/A           |
| Exhaust Temperature 3             | N/A           | DPF Intake Temperature                           | N/A           |
| DPF Outlet Temperature            | N/A           | DPF Differential Pressure                        | N/A           |

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## LIFE DATA

### ENGINE #1 - J1939

|                                      |             |                                   |            |
|--------------------------------------|-------------|-----------------------------------|------------|
| Distance                             | 20456.01 mi | Hours                             | 2654.15 hr |
| Fuel Used                            | 6195.2 gal  | Average Fuel Economy              | N/A        |
| Engine Idle Hours                    | N/A         | Engine Idle Fuel Used             | N/A        |
| PTO Hours                            | 1050.90 hr  | PTO Fuel Used                     | N/A        |
| DPF Number of Inhibited Active Regen | N/A         | DPF Number of Manual Active Regen | N/A        |
| DPF Fuel Used                        | N/A         |                                   |            |

## TRIP DATA

### ENGINE #1 - J1939

|                             |               |                            |               |
|-----------------------------|---------------|----------------------------|---------------|
| Distance                    | Not Available | Fuel Used                  | Not Available |
| Average Fuel Rate           | N/A           | Idle Time                  | N/A           |
| Vehicle Idle Fuel Used      | N/A           | Cruise                     | N/A           |
| Cruise Fuel Used            | N/A           | DPF Active Regen Time      | N/A           |
| DPF Number of Active Regens | N/A           | DPF Used                   | N/A           |
| Vehicle Speed Limit         | 70 mph        | Cruise Control Speed Limit | 70 mph        |