

|                                                                 |                    |                                         |                         |
|-----------------------------------------------------------------|--------------------|-----------------------------------------|-------------------------|
| Freeze Frame DTC                                                | P0191              | Run time since engine start             | 0.00:02:51              |
| Fuel System Status                                              |                    | Fuel level input (%)                    | 77 %                    |
| Closed loop, using oxygen sensor feedback to determine fuel mix |                    | Barometric pressure                     | 14.068660586679 psi     |
| Calculated engine load value                                    | 22.7450980392157 % | Control module voltage                  | 14.546 V                |
| Engine coolant temperature                                      | 149 °F             | Relative throttle position              | 0 %                     |
| Engine RPM                                                      | 688 rpm            | Ambient air temperature                 | 71.6 °F                 |
| Vehicle speed                                                   | 0 mph              | Fuel injection timing                   | 1.6875 °                |
| Intake air temperature                                          | 113 °F             | Engine fuel rate                        | 1.00385380967652 gal./h |
| MAF air flow rate                                               | 17.7 g/sec         | Driver's demand engine - percent torque | 12 %                    |
| Throttle position                                               |                    | Commanded Throttle Actuator A Control   | 89 %                    |
| Commanded EGR duty (A)                                          | 29 %               | Relative Throttle A Position            | 89 %                    |
| Actual EGR (A)                                                  | 28 %               | Commanded Throttle Actuator B Control   | NaN %                   |
| EGR error (A)                                                   | NaN %              | Relative Throttle B Position            | NaN %                   |
| Commanded EGR duty (B)                                          | NaN %              | Commanded Fuel Rail Pressure            | 6019.0661272905 psi     |
| Actual EGR (B)                                                  | NaN %              | Fuel Rail Pressure                      | 4393.19308423203 psi    |
| EGR error (B)                                                   | NaN %              | Fuel Rail Temperature                   | NaN °F                  |
| EGR Temp Bank 1 Sensor 1                                        | 159.8 °F           | Commanded Boost Pressure A              | NaN psi                 |
| EGR Temp Bank 1 Sensor 2                                        | NaN °F             | Boost Pressure Sensor A                 | 0.0135972879381563 psi  |
| EGR Temp Bank 2 Sensor 1                                        | NaN °F             |                                         |                         |

|                                              |                      |
|----------------------------------------------|----------------------|
| Boost Pressure Sensor B                      | NaN psi              |
| Commanded Variable Geometry Turbo A Position | 87 %                 |
| Variable Geometry Turbo A Position           | 87 %                 |
| Commanded Variable Geometry Turbo B Position | NaN %                |
| Variable Geometry Turbo B Position           | NaN %                |
| Exhaust Pressure Sensor Bank 1               | 0.06091584996294 psi |
| Exhaust Pressure Sensor Bank 2               | NaN psi              |
| Turbocharger A RPM                           | 670 rpm              |
| Turbocharger B RPM                           |                      |

|                                                |           |
|------------------------------------------------|-----------|
| Charge Air Cooler Temperature Bank 1, Sensor 1 | 66.2 °F   |
| Charge Air Cooler Temperature Bank 1, Sensor 2 | NaN °F    |
| Charge Air Cooler Temperature Bank 2, Sensor 1 | NaN °F    |
| Charge Air Cooler Temperature Bank 2, Sensor 2 | NaN °F    |
| Exhaust Gas Temperature Bank 1, Sensor 1       | 262.94 °F |
| Exhaust Gas Temperature Bank 1, Sensor 2       | 303.26 °F |
| Exhaust Gas Temperature Bank 1, Sensor 3       | 266.36 °F |
| Exhaust Gas Temperature Bank 1, Sensor 4       |           |

|                                                  |                      |
|--------------------------------------------------|----------------------|
| Exhaust Gas Temperature Bank 1, Sensor 1         | 262.94 °F            |
| Exhaust Gas Temperature Bank 1, Sensor 2         | 303.26 °F            |
| Exhaust Gas Temperature Bank 1, Sensor 3         | 266.36 °F            |
| Exhaust Gas Temperature Bank 1, Sensor 4         | 247.64 °F            |
| Diesel Particulate Filter Bank 1 Delta Pressure  | 0.09282415232448 psi |
| Diesel Particulate Filter Bank 1 Inlet Pressure  | NaN psi              |
| Diesel Particulate Filter Bank 1 Outlet Pressure | NaN psi              |
| Total Engine Run Time                            | 186.21:00:04         |
| Total Idle Run Time                              |                      |