

3 ECM AND SENSOR LOCATIONS

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3.1 ECM AND SENSOR LOCATIONS

For the DDEC system ECM see Figure 3-1.

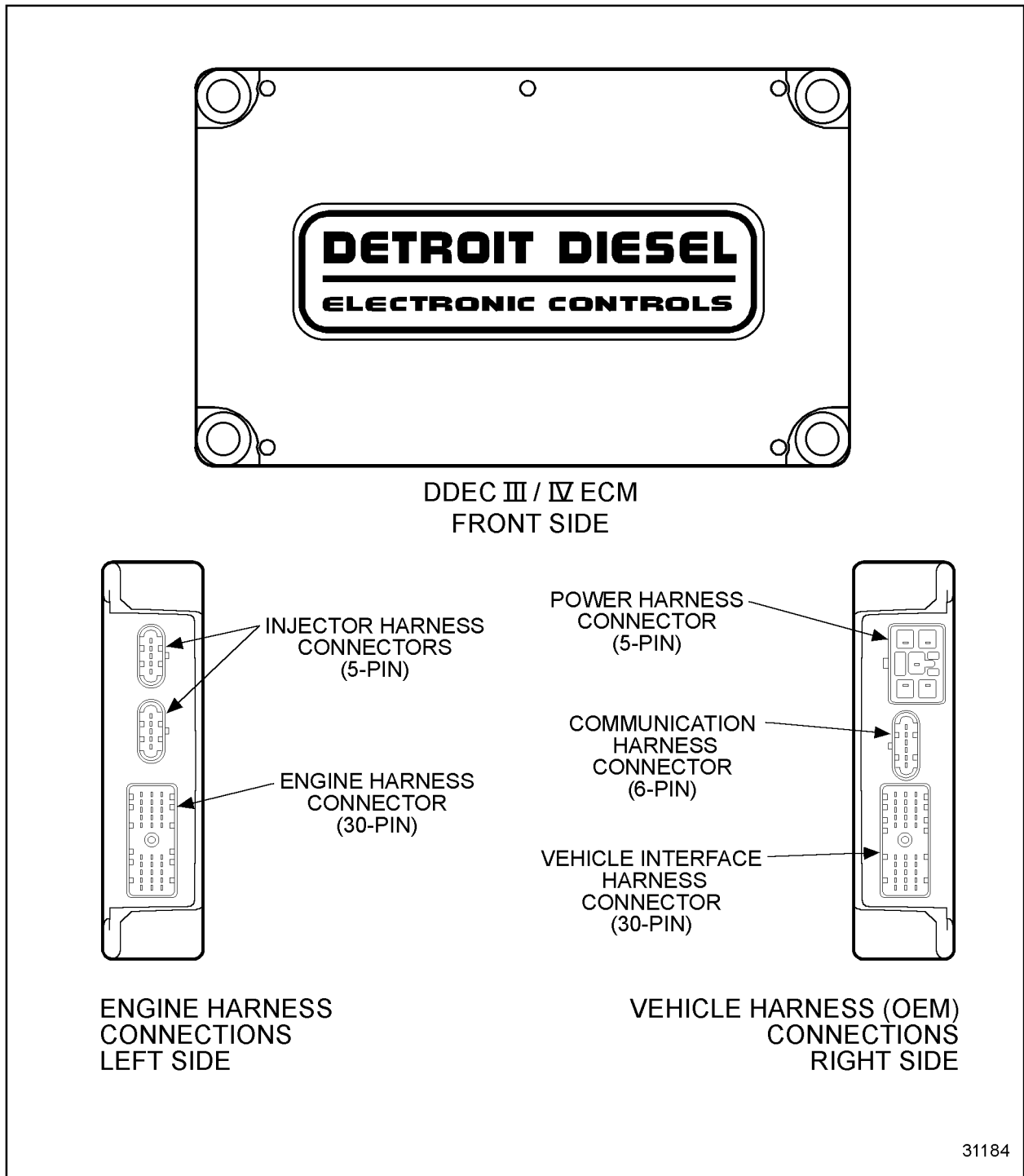


Figure 3-1 DDEC System ECM

For the Series 60[®] sensor locations, see Figure 3-2.

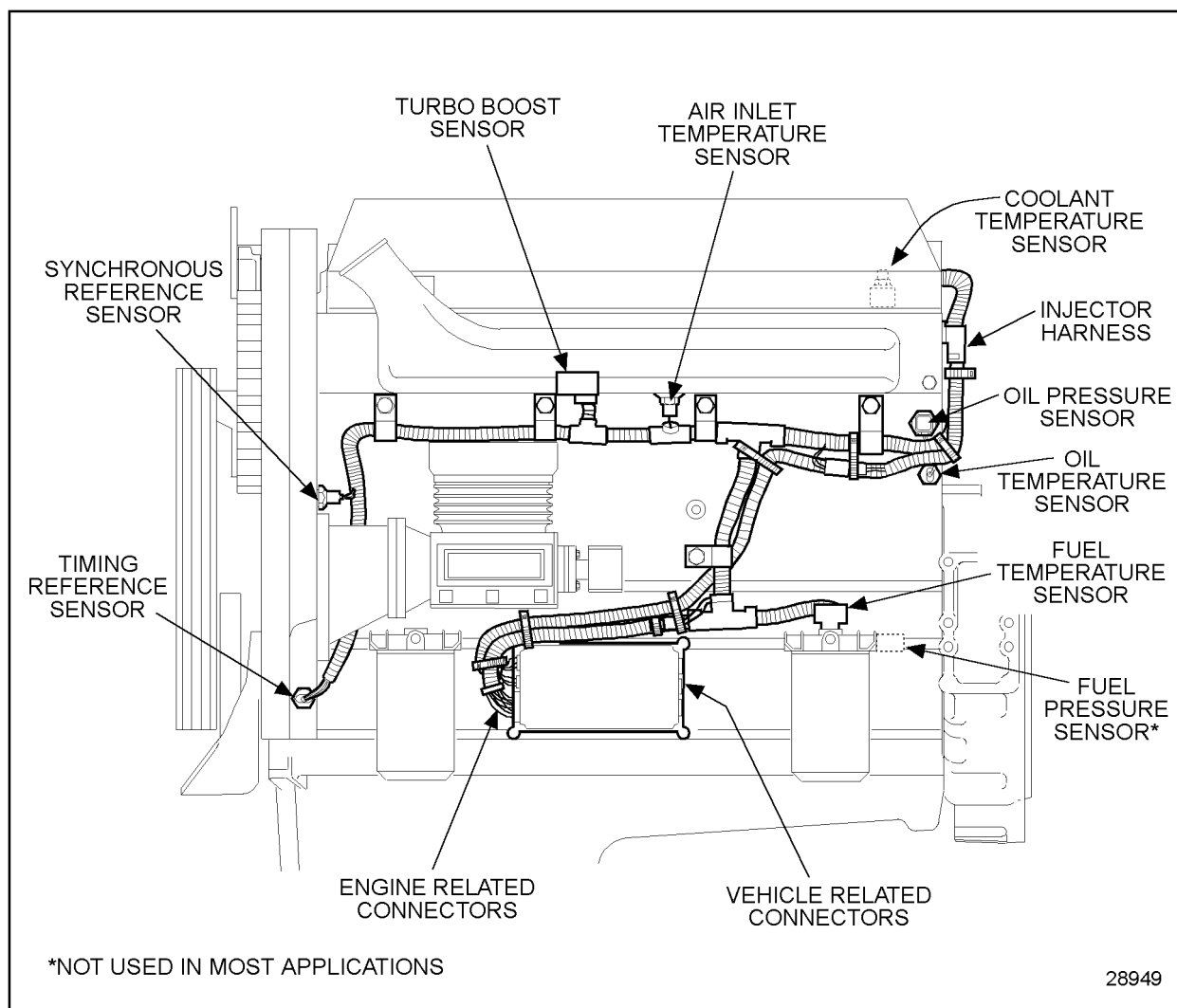
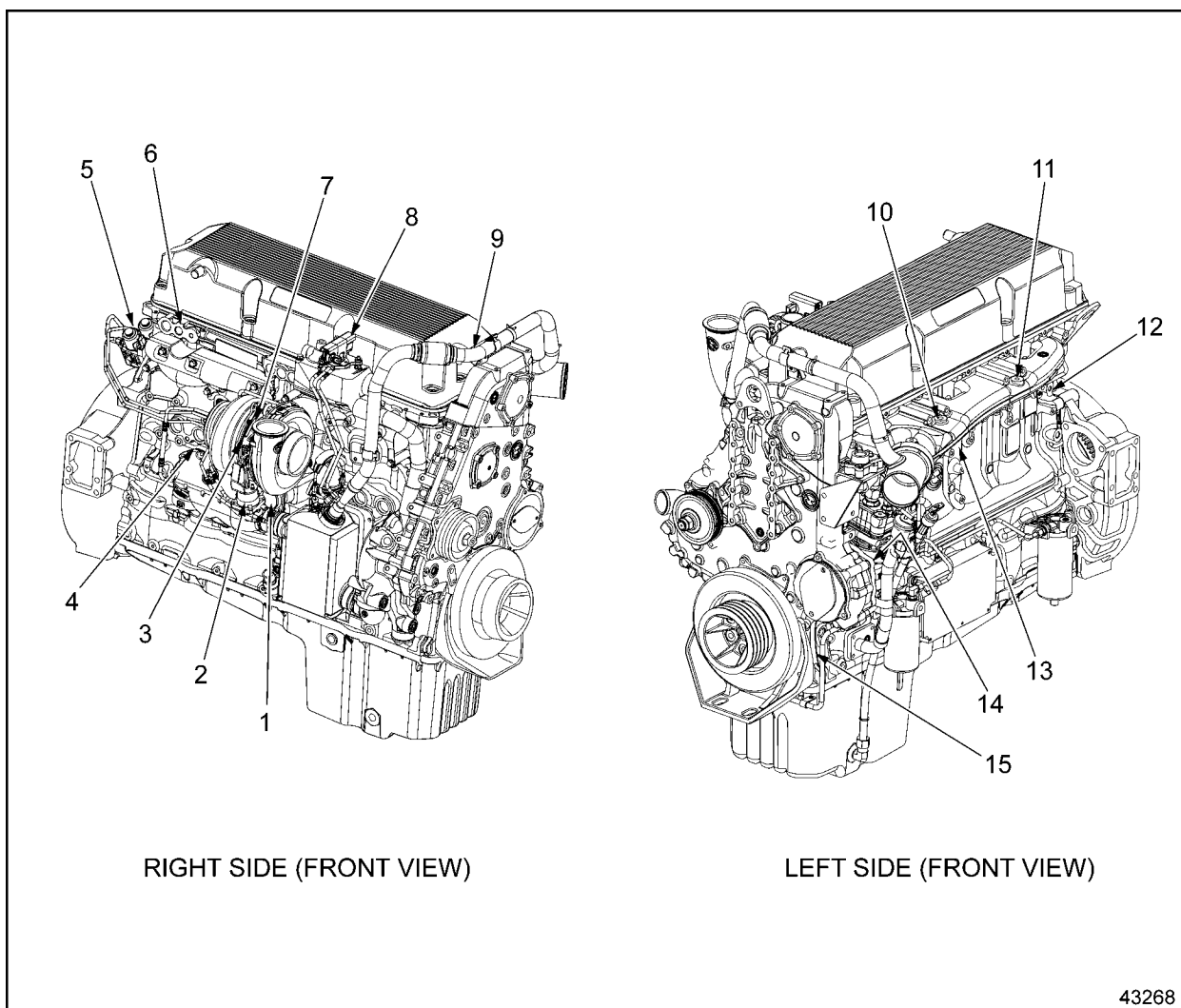


Figure 3-2 Series 60 Diesel ECM and Sensor Locations

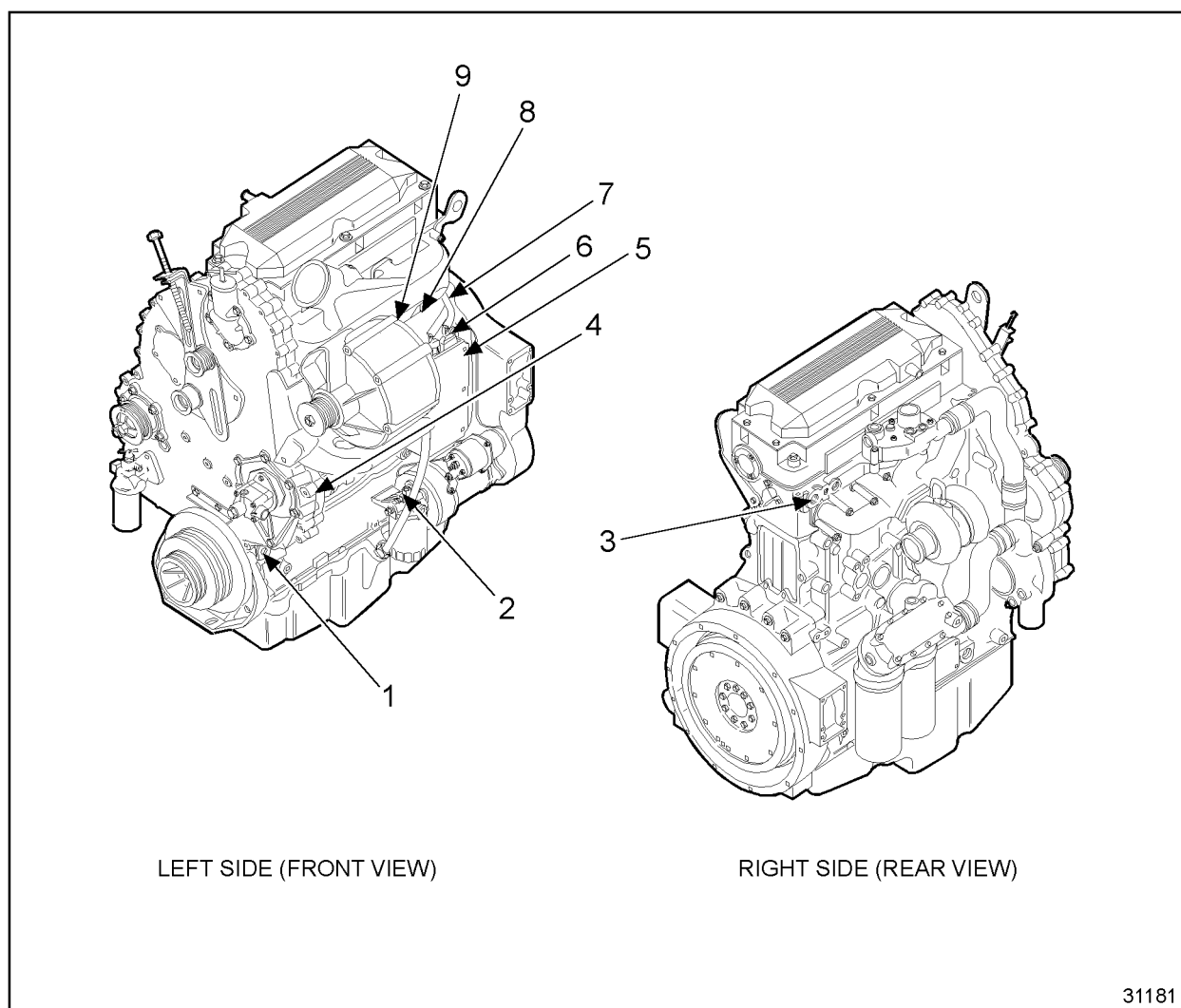
For the sensor locations for the Series 60, 2002 EGR engine, see Figure 3-3.



- | | |
|--|--------------------------------|
| 1. EGR Valve | 9. EGR Temperature Sensor |
| 2. VNT | 10. Turbo Boost Sensor |
| 3. Turbo Compressor Outlet Temp Sensor (TCO) | 11. Intake Air Temp Sensor |
| 4. Oil Temperature Sensor | 12. Oil Pressure Sensor |
| 5. VPODs | 13. Barometric pressure Sensor |
| 6. Coolant Temperature Sensor | 14. SRS |
| 7. Turbo Speed Sensor | 15. TRS |
| 8. Delta-P Sensor | |

Figure 3-3 **Sensor Locations, Series 60 2002 EGR Engine**

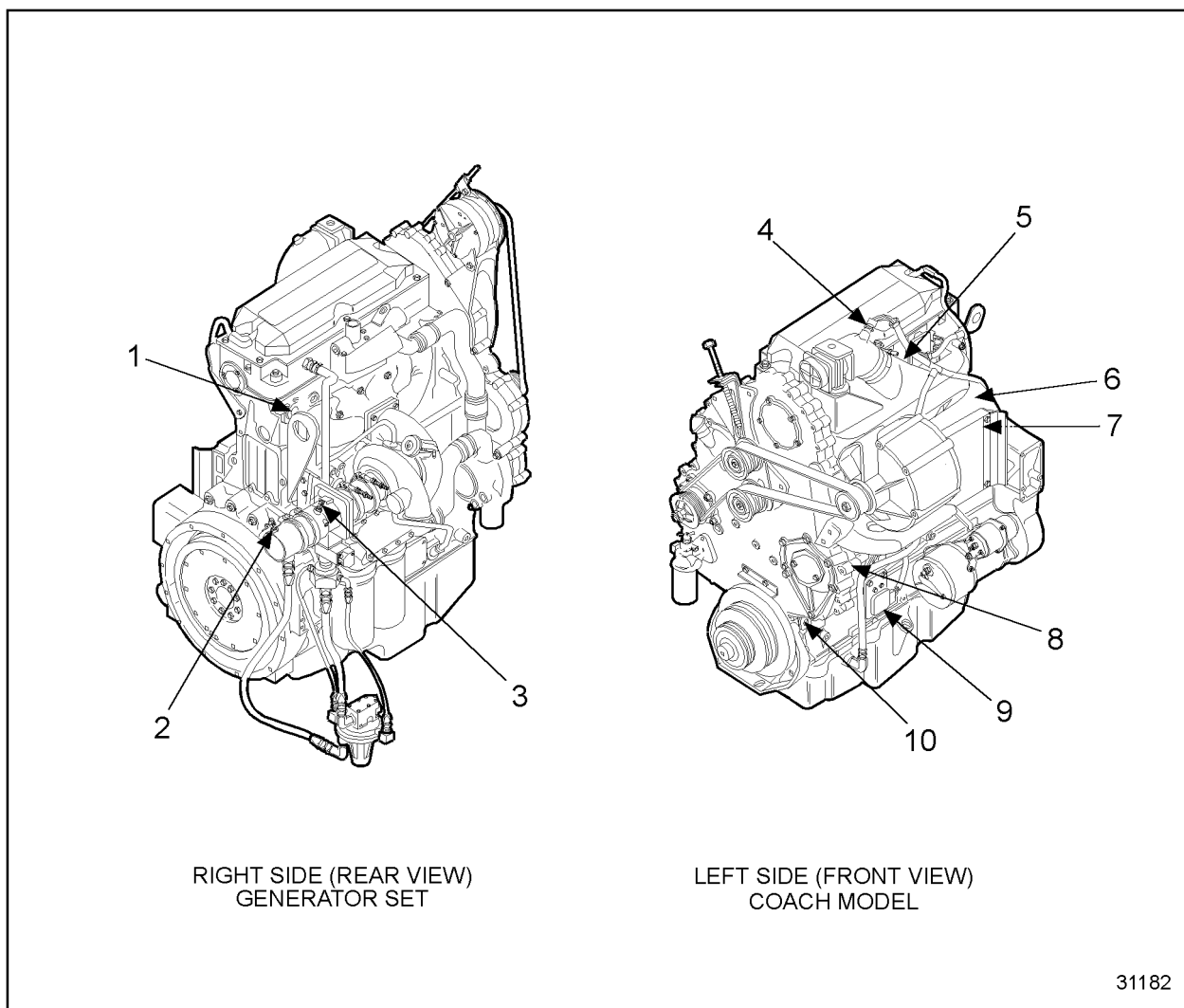
For the Series 50[®] diesel engine sensor locations, see Figure 3-4.



- | | |
|---------------------------------|---------------------------------|
| 1. Timing Reference Sensor | 6. Oil Temperature Sensor |
| 2. Fuel Temperature Sensor | 7. Oil Pressure Sensor |
| 3. Coolant Temperature Sensor | 8. Turbo Boost Sensor |
| 4. Synchronous Reference Sensor | 9. Air Inlet Temperature Sensor |
| 5. ECM | |

Figure 3-4 **Series 50 Diesel ECM and Sensor Locations**

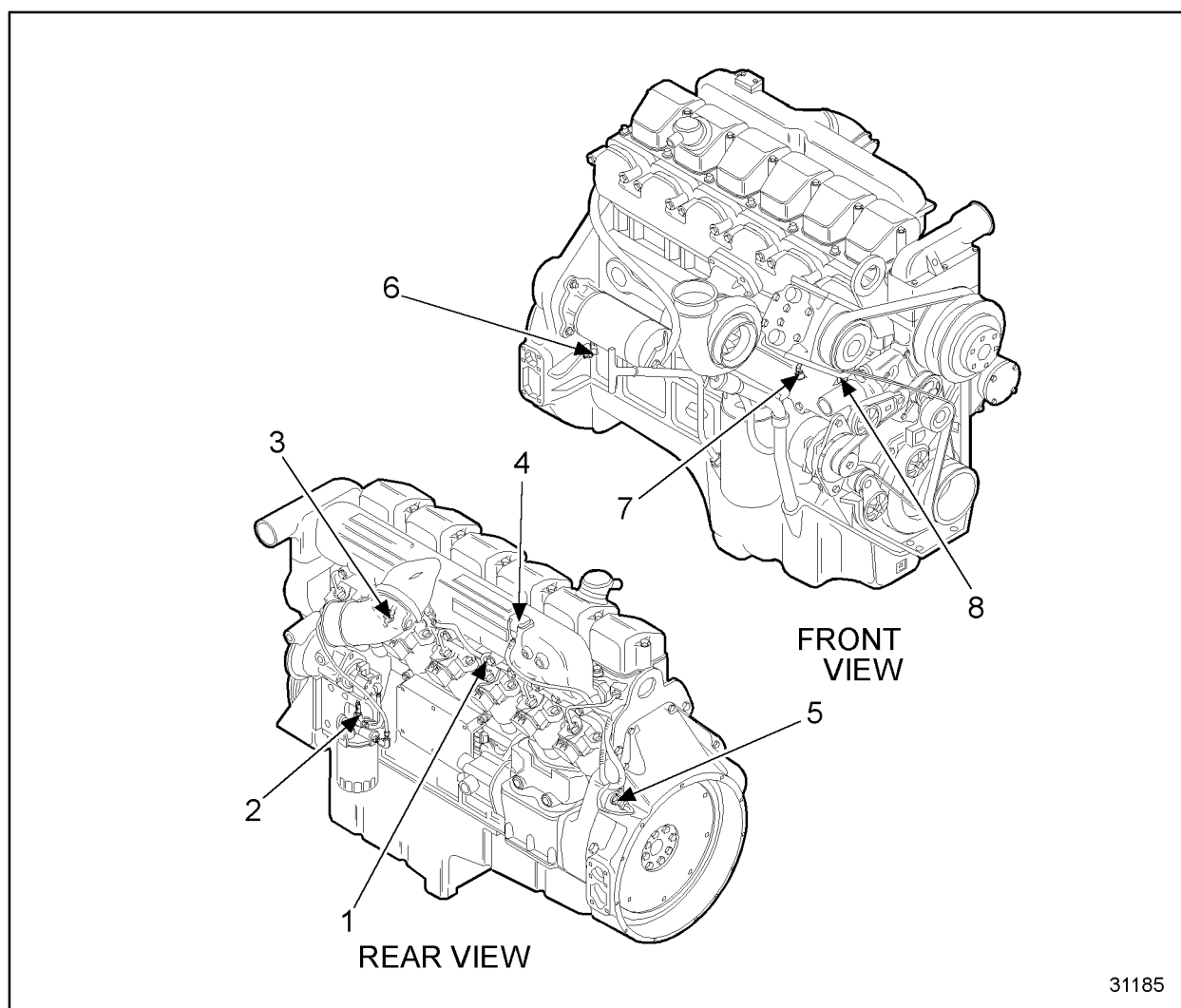
For the Series 50[®] gas engine sensor locations, see Figure 3-5.



- | | |
|---------------------------------------|---------------------------------|
| 1. Coolant Temperature Sensor | 6. Oil Temperature Sensor |
| 2. Air Temperature Sensor | 7. Oil Pressure Sensor |
| 3. Fuel Temperature Sensor | 8. Synchronous Reference Sensor |
| 4. Manifold Air Pressure (MAP) Sensor | 9. SNEF Module |
| 5. Knock Sensor | 10. Timing Reference Sensor |

Figure 3-5 **Series 50 Gas ECM and Sensor Locations**

For the Series 55™ engine sensor locations, see Figure 3-6.



1. Coolant Temperature Sensor
2. Fuel Temperature Sensor
3. Air Inlet Temperature Sensor
4. Turbo Boost Sensor

5. Synchronous Reference Sensor
6. Timing Reference Sensor
7. Oil Temperature Sensor
8. Oil Pressure Sensor

Figure 3-6 Series 55 Engine Sensor Locations