

J1979 Misfire Mode \$06 Data			
Test ID	Comp ID	Description for J1850	Units
\$50	\$00	Total engine misfire and emission threshold misfire rate (updated every 1,000 revolutions)	percent
\$53	\$00 - \$0A	Cylinder-specific misfire and catalyst damage threshold misfire rate (either cat damage or emission threshold) (updated when DTC set or clears)	percent
\$54	\$00	Highest catalyst-damage misfire and catalyst damage threshold misfire rate (updated when DTC set or clears)	percent
\$55	\$00	Highest emission-threshold misfire and emission threshold misfire rate (updated when DTC set or clears)	percent
\$56	\$00	Cylinder events tested and number of events required for a 1000 rev test	events
Monitor ID	Test ID	Description for CAN	
A1	\$80	Total engine misfire and catalyst damage misfire rate (updated every 200 revolutions)	percent
A1	\$81	Total engine misfire and emission threshold misfire rate (updated every 1,000 revolutions)	percent
A1	\$82	Highest catalyst-damage misfire and catalyst damage threshold misfire rate (updated when DTC set or clears)	percent
A1	\$83	Highest emission-threshold misfire and emission threshold misfire rate (updated when DTC set or clears)	percent
A1	\$84	Inferred catalyst mid-bed temperature	°C
A2 – AD	\$0B	EWMA misfire counts for last 10 driving cycles	events
A2 – AD	\$0C	Misfire counts for last/current driving cycle	events
A2 – AD	\$80	Cylinder X misfire rate and catalyst damage misfire rate (updated every 200 revolutions)	percent
A2 – AD	\$81	Cylinder X misfire rate and emission threshold misfire rate (updated every 1,000 revolutions)	percent
Conversion for Test IDs \$50 through \$55: multiply by 0.000015 to get percent			
Conversion for Test ID \$56: multiply by 1 to get ignition events			