

APPENDIX D

(NORMATIVE)

OBDMIDS (ON-BOARD DIAGNOSTIC MONITOR ID) DEFINITION FOR SERVICE \$06

This appendix only applies to ISO 15765-4.

TABLE D1—STANDARD ON-BOARD DIAGNOSTIC MONITOR ID DEFINITION

OBDMID (Hex)	On-Board Diagnostic Monitor ID name
00	OBDMonitor IDs supported (\$01 - \$20)
01	Oxygen Sensor Monitor Bank 1 - Sensor 1
02	Oxygen Sensor Monitor Bank 1 - Sensor 2
03	Oxygen Sensor Monitor Bank 1 - Sensor 3
04	Oxygen Sensor Monitor Bank 1 - Sensor 4
05	Oxygen Sensor Monitor Bank 2 - Sensor 1
06	Oxygen Sensor Monitor Bank 2 - Sensor 2
07	Oxygen Sensor Monitor Bank 2 - Sensor 3
08	Oxygen Sensor Monitor Bank 2 - Sensor 4
09	Oxygen Sensor Monitor Bank 3 - Sensor 1
0A	Oxygen Sensor Monitor Bank 3 - Sensor 2
0B	Oxygen Sensor Monitor Bank 3 - Sensor 3
0C	Oxygen Sensor Monitor Bank 3 - Sensor 4
0D	Oxygen Sensor Monitor Bank 4 - Sensor 1
0E	Oxygen Sensor Monitor Bank 4 - Sensor 2
0F	Oxygen Sensor Monitor Bank 4 - Sensor 3
10	Oxygen Sensor Monitor Bank 4 - Sensor 4
11 - 1F	Reserved by document for future standardization
20	OBDMonitor IDs supported (\$21 - \$40)
21	Catalyst Monitor Bank 1
22	Catalyst Monitor Bank 2
23	Catalyst Monitor Bank 3
24	Catalyst Monitor Bank 4
25 - 30	Reserved by document for future standardization
31	EGR Monitor Bank 1
32	EGR Monitor Bank 2
33	EGR Monitor Bank 3
34	EGR Monitor Bank 4
35 - 38	Reserved by document for future standardization
39	EVAP Monitor (Cap Off)
3A	EVAP Monitor (0.090")
3B	EVAP Monitor (0.040")
3C	EVAP Monitor (0.020")
3D	Purge Flow Monitor
3E - 3F	Reserved by document for future standardization

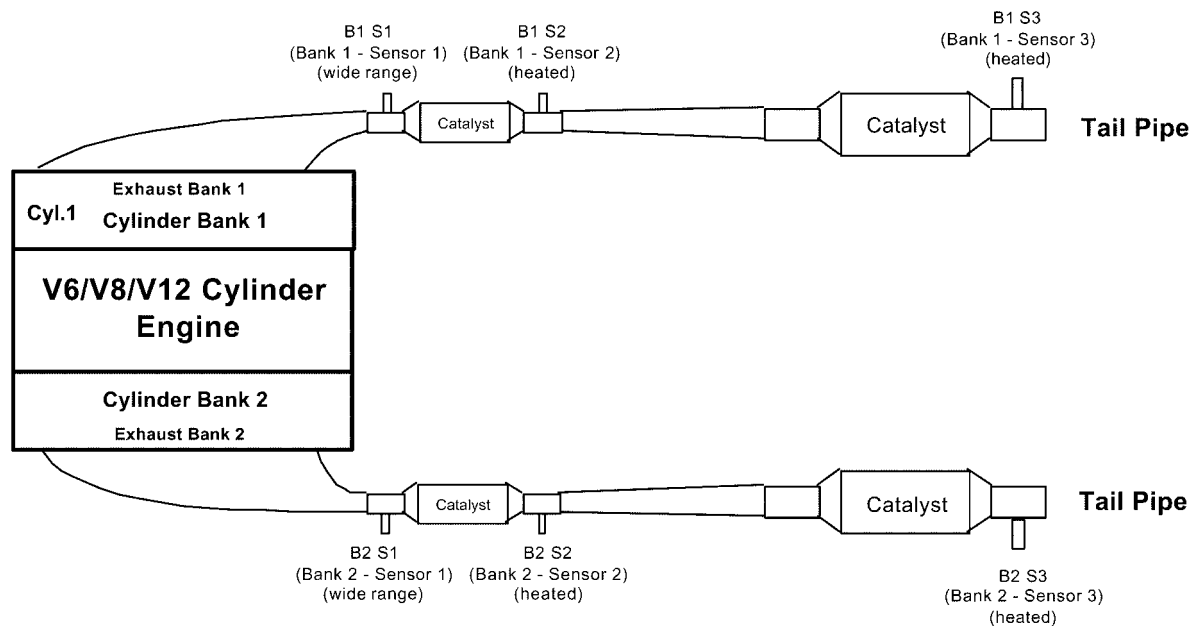
TABLE D1—STANDARD ON-BOARD DIAGNOSTIC MONITOR ID DEFINITION

OBDMID (Hex)	On-Board Diagnostic Monitor ID name
40	OBD Monitor IDs supported (\$41 - \$60)
41	Oxygen Sensor Heater Monitor Bank 1 - Sensor 1
42	Oxygen Sensor Heater Monitor Bank 1 - Sensor 2
43	Oxygen Sensor Heater Monitor Bank 1 - Sensor 3
44	Oxygen Sensor Heater Monitor Bank 1 - Sensor 4
45	Oxygen Sensor Heater Monitor Bank 2 - Sensor 1
46	Oxygen Sensor Heater Monitor Bank 2 - Sensor 2
47	Oxygen Sensor Heater Monitor Bank 2 - Sensor 3
48	Oxygen Sensor Heater Monitor Bank 2 - Sensor 4
49	Oxygen Sensor Heater Monitor Bank 3 - Sensor 1
4A	Oxygen Sensor Heater Monitor Bank 3 - Sensor 2
4B	Oxygen Sensor Heater Monitor Bank 3 - Sensor 3
4C	Oxygen Sensor Heater Monitor Bank 3 - Sensor 4
4D	Oxygen Sensor Heater Monitor Bank 4 - Sensor 1
4E	Oxygen Sensor Heater Monitor Bank 4 - Sensor 2
4F	Oxygen Sensor Heater Monitor Bank 4 - Sensor 3
50	Oxygen Sensor Heater Monitor Bank 4 - Sensor 4
51 - 5F	Reserved by document for future standardization
60	OBD Monitor IDs supported (\$61 - \$80)
61	Heated Catalyst Monitor Bank 1
62	Heated Catalyst Monitor Bank 2
63	Heated Catalyst Monitor Bank 3
64	Heated Catalyst Monitor Bank 4
65 - 70	Reserved by document for future standardization
71	Secondary Air Monitor 1
72	Secondary Air Monitor 2
73	Secondary Air Monitor 3
74	Secondary Air Monitor 4
75 - 7F	Reserved by document for future standardization
80	OBD Monitor IDs supported (\$81 - \$A0)
81	Fuel System Monitor Bank 1
82	Fuel System Monitor Bank 2
83	Fuel System Monitor Bank 3
84	Fuel System Monitor Bank 4
85 - 9F	Reserved by document for future standardization
A0	OBD Monitor IDs supported (\$A1 - \$C0)
A1	Mis-Fire Monitor General Data
A2	Mis-Fire Cylinder 1 Data
A3	Mis-Fire Cylinder 2 Data
A4	Mis-Fire Cylinder 3 Data
A5	Mis-Fire Cylinder 4 Data
A6	Mis-Fire Cylinder 5 Data
A7	Mis-Fire Cylinder 6 Data

TABLE D1—STANDARD ON-BOARD DIAGNOSTIC MONITOR ID DEFINITION

OBDMID (Hex)	On-Board Diagnostic Monitor ID name
A8	Mis-Fire Cylinder 7 Data
A9	Mis-Fire Cylinder 8 Data
AA	Mis-Fire Cylinder 9 Data
AB	Mis-Fire Cylinder 10 Data
AC	Mis-Fire Cylinder 11 Data
AD	Mis-Fire Cylinder 12 Data
AE - BF	Reserved by document for future standardisation
C0	OBD Monitor IDs supported (\$C1 - \$E0)
C1 - DF	Reserved by document for future standardisation
E0	OBD Monitor IDs supported (\$E1 - \$FF)
E1 - FF	Vehicle Manufacturer defined OBDM IDs

Oxygen Sensor and Catalyst Configuration examples

**FIGURE D1—V6/V8/V12 CYLINDER ENGINE WITH 2 EXHAUST BANKS AND 4 CATALYSTS EXAMPLE**

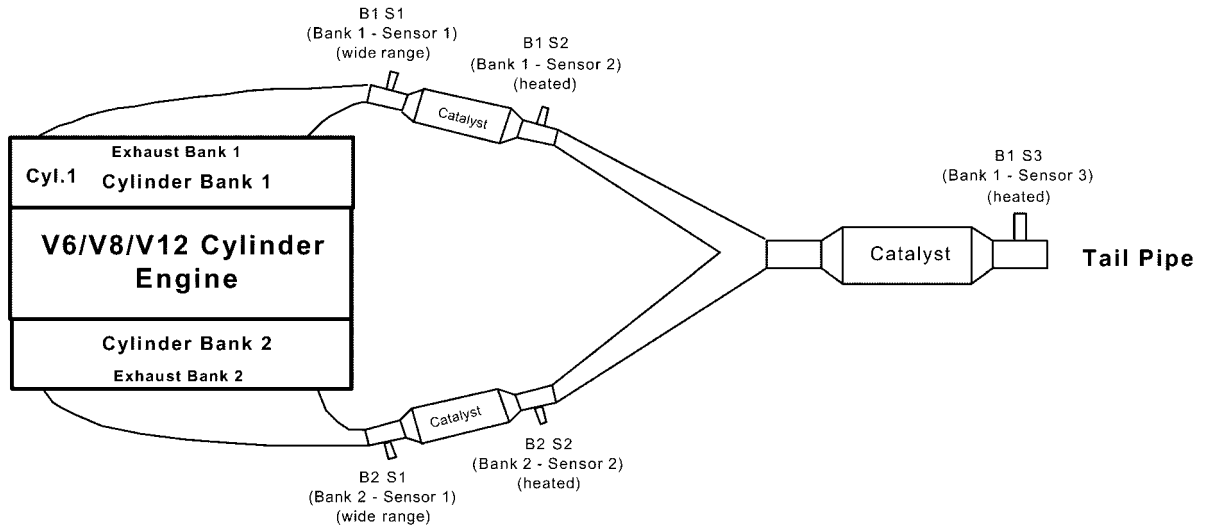


FIGURE D2—V6V8/V12 CYLINDER ENGINE WITH 2 EXHAUST BANKS AND 3 CATALYSTS EXAMPLE

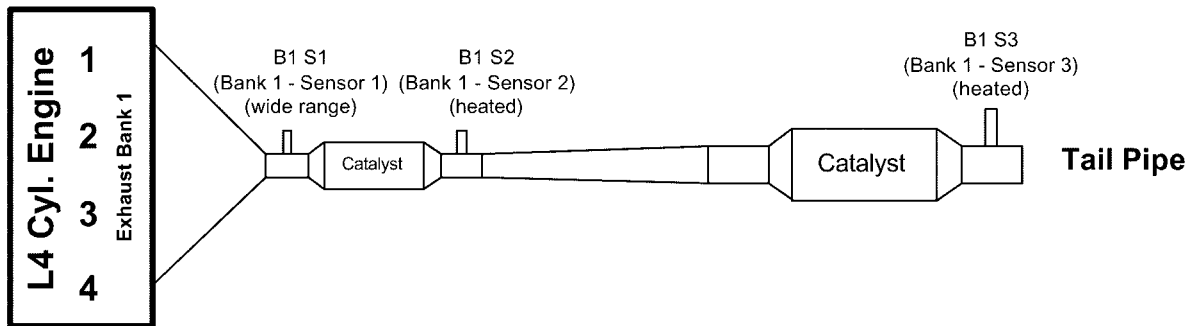


FIGURE D3—L4 CYLINDER ENGINE WITH 1 EXHAUST BANK AND 2 CATALYSTS EXAMPLE

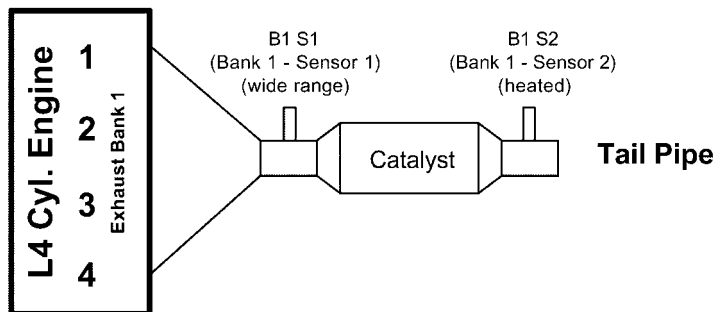


FIGURE D4—L4 CYLINDER ENGINE WITH 1 EXHAUST BANK AND 1 CATALYST EXAMPLE